

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002598.D
 Acq On : 15 Jun 2018 13:47
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:00 PM

Quant Time: Jun 15 14:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	335111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	224301	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	503751	149.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.42%	
35) Dibromofluoromethane	5.51	113	410567	155.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.58%	
50) Toluene-d8	8.72	98	1535177	151.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	303.96%	
62) 4-Bromofluorobenzene	11.14	95	627894	161.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	322.40%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	382750	128.91	ug/l	100
4) Vinyl Chloride	1.40	62	379550	133.47	ug/l	100
5) Bromomethane	1.64	94	261882	115.86	ug/l	99
6) Chloroethane	1.70	64	262753	142.84	ug/l	99
7) Trichlorofluoromethane	1.92	101	559621	129.16	ug/l	99
8) Diethyl Ether	2.19	74	274029	155.26	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	283713	121.34	ug/l	100
10) Methyl Iodide	2.50	142	577203	175.51	ug/l	99
11) Tert butyl alcohol	3.11	59	541458	778.45	ug/l	99
12) 1,1-Dichloroethene	2.36	96	334045	144.56	ug/l	99
13) Acrolein	2.30	56	252719	754.29	ug/l	100
14) Allyl chloride	2.72	41	759233	151.40	ug/l	99
15) Acrylonitrile	3.16	53	1186125	801.18	ug/l	100
16) Acetone	2.46	43	1096254	706.27	ug/l	100
17) Carbon Disulfide	2.56	76	884100	145.16	ug/l	98
18) Methyl Acetate	2.78	43	606406	165.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1438922	157.20	ug/l	99
20) Methylene Chloride	2.86	84	432279	140.16	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	387030	151.88	ug/l	98
22) Diisopropyl ether	3.88	45	1381586	147.66	ug/l	99
23) Vinyl Acetate	3.83	43	5951682	732.12	ug/l	99
24) 1,1-Dichloroethane	3.70	63	678650	136.93	ug/l	99
25) 2-Butanone	4.72	43	1554881	730.59	ug/l	98
26) 2,2-Dichloropropane	4.59	77	531156	137.10	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	422463	152.44	ug/l	92
28) Bromochloromethane	5.03	49	335401	139.75	ug/l	95
29) Tetrahydrofuran	5.17	42	1017759	741.71	ug/l	97
30) Chloroform	5.22	83	734621	153.60	ug/l	98
31) Cyclohexane	5.57	56	451033	115.08	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	607086	149.67	ug/l	99
36) 1,1-Dichloropropene	5.80	75	484374	137.49	ug/l	99
37) Ethyl Acetate	4.87	43	627367	148.08	ug/l	100
38) Carbon Tetrachloride	5.78	117	514042	139.47	ug/l	100
39) Methylcyclohexane	7.46	83	450631	112.23	ug/l	96

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 ClientSampleId :
 VSTDICC150

Manual Integrations
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Quant Time: Jun 15 14:53:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.15	78	1584584	146.69	ug/l	100
41) Methacrylonitrile	5.07	41	355321	146.50	ug/l	98
42) 1,2-Dichloroethane	6.20	62	621819	144.89	ug/l	100
43) Isopropyl Acetate	6.47	43	1069843	148.67	ug/l	99
44) Trichloroethene	7.21	130	450282	150.20	ug/l	98
45) 1,2-Dichloropropane	7.52	63	421783	144.64	ug/l	100
46) Dibromomethane	7.67	93	294981	149.22	ug/l	98
47) Bromodichloromethane	7.90	83	571186	159.76	ug/l	99
48) Methyl methacrylate	7.79	41	553345	153.08	ug/l	98
49) 1,4-Dioxane	7.76	88	199586	2953.04	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	3488167	778.37	ug/l	99
52) Toluene	8.79	92	1047951	152.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	692389	161.49	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	672149	166.16	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	440465	155.88	ug/l	99
56) Ethyl methacrylate	9.19	69	727344	161.23	ug/l	98
57) 1,3-Dichloropropane	9.38	76	723273	152.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1683598	806.33	ug/l	99
59) 2-Hexanone	9.51	43	2682019	774.82	ug/l	98
60) Dibromochloromethane	9.59	129	503842	177.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	475288	161.32	ug/l	100
64) Tetrachloroethene	9.34	164	487245	139.61	ug/l	99
65) Chlorobenzene	10.14	112	1236417	146.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	474329	155.57	ug/l	100
67) Ethyl Benzene	10.26	91	2059422	146.15	ug/l	99
68) m/p-Xylenes	10.37	106	1644311	300.18	ug/l	98
69) o-Xylene	10.70	106	817851	150.03	ug/l	99
70) Stvrene	10.72	104	1435707	161.11	ug/l	100
71) Bromoform	10.86	173	429523	177.70	ug/l	100
73) Isopropylbenzene	11.02	105	2119149	135.81	ug/l	99
74) N-amyl acetate	6.47	43	1069843	127.25	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	679917	138.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	676043m	137.36	ug/l	
77) Bromobenzene	11.26	156	630500	143.93	ug/l	98
78) n-propylbenzene	11.37	91	2451061	141.33	ug/l	99
79) 2-Chlorotoluene	11.43	91	1501875	137.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1896519	141.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	216873	154.46	ug/l	97
82) 4-Chlorotoluene	11.52	91	1841183	145.66	ug/l	99
83) tert-Butylbenzene	11.77	119	1788763	137.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1962031	142.42	ug/l	99
85) sec-Butylbenzene	11.95	105	2113373	138.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	1985954	142.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1140031	145.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1158784	143.53	ug/l	99
89) n-Butylbenzene	12.39	91	1772141	151.83	ug/l	99
90) Hexachloroethane	12.60	117	337069	151.73	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1167956	144.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	162430	151.35	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	877452	154.42	ug/l	100

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ClientSampleId :
VSTDICC150

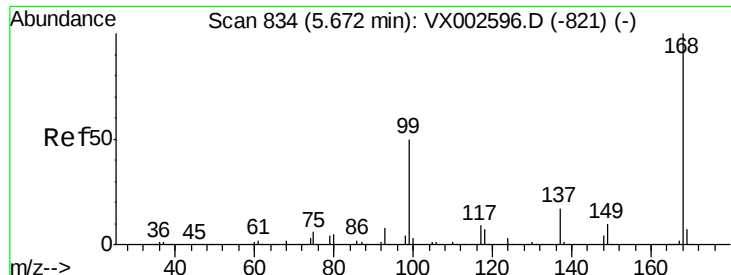
Manual Integrations
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6/18/2018 5:12:00 PM

Quant Time: Jun 15 14:53:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 13:16:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	383354	136.53	ug/l	99
95) Naphthalene	13.84	128	2416669	148.02	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	874773	150.95	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



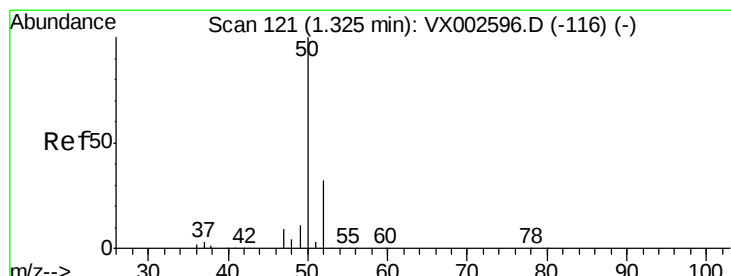
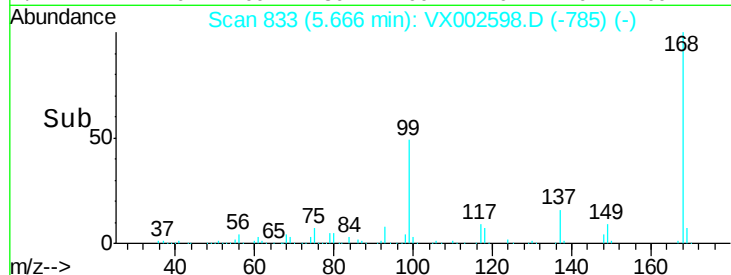
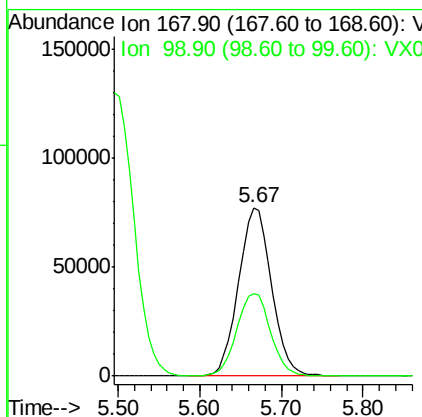
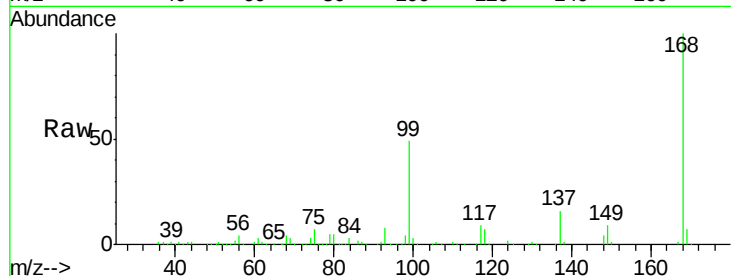
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.4	39.3	58.9

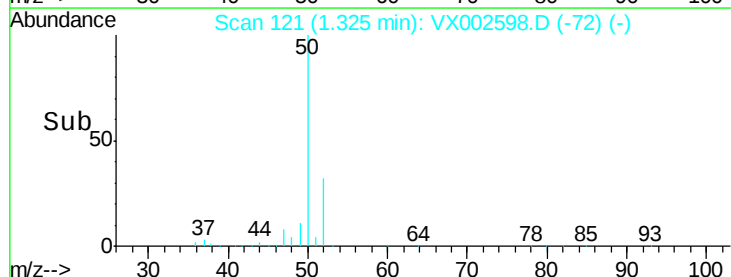
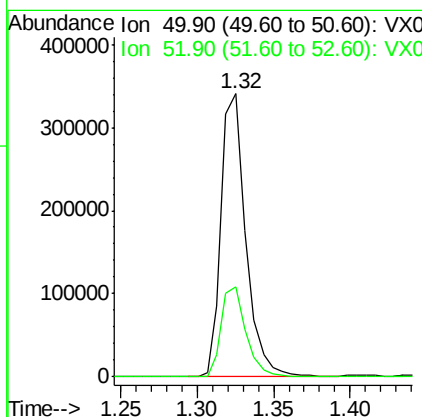
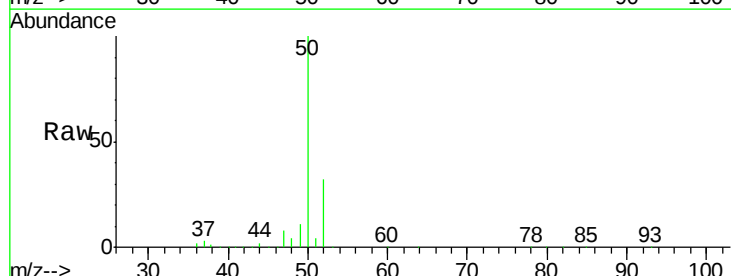
Manual Integrations
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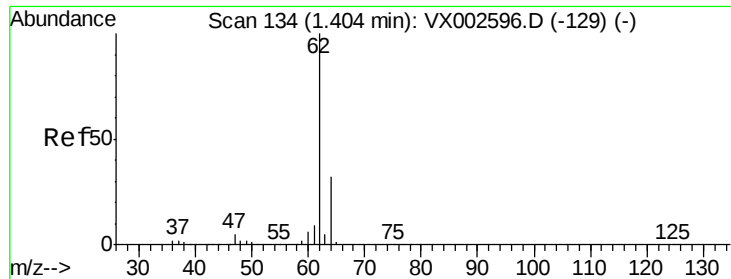
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#3
Chloromethane
Concen: 128.91 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.9	25.7	38.5





#4

Vinyl Chloride

Concen: 133.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 379550

Ion Ratio Lower Upper

62 100

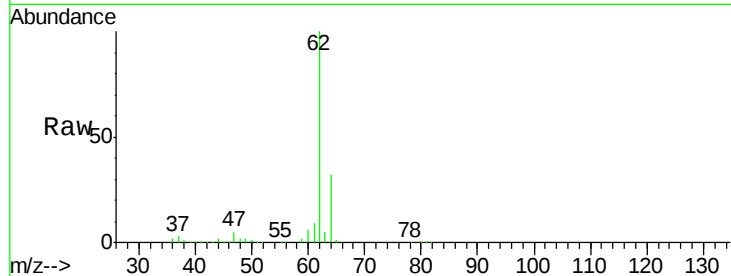
64 32.0 25.4 38.2

Manual Integrations

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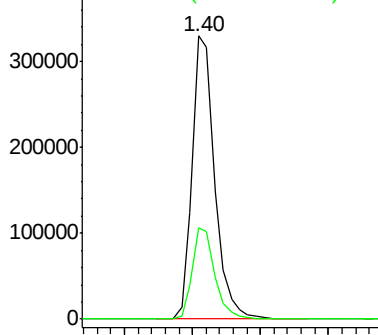
MMDadoda

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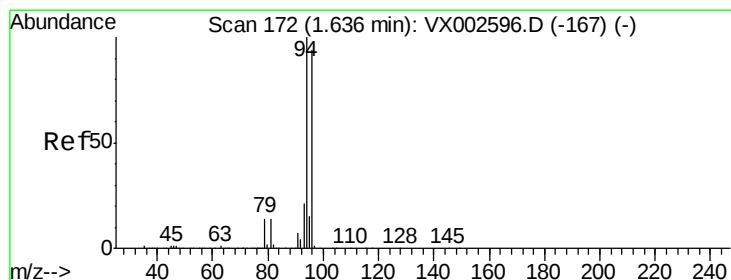
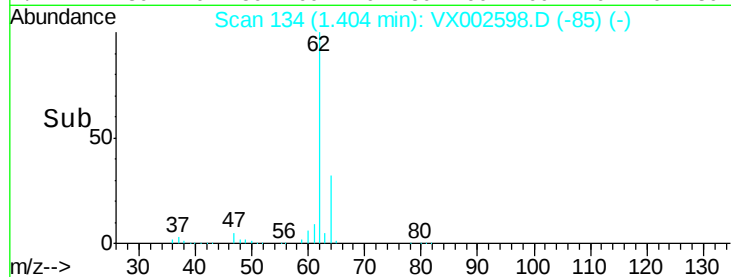


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->



#5

Bromomethane

Concen: 115.86 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002598.D

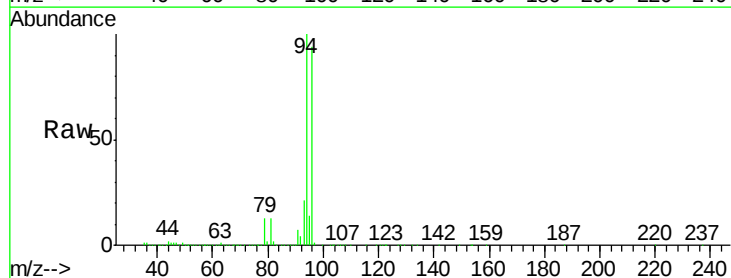
Acq: 15 Jun 2018 13:47

Tgt Ion: 94 Resp: 261882

Ion Ratio Lower Upper

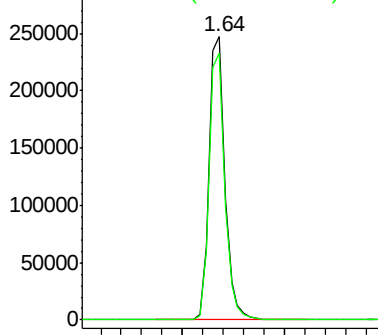
94 100

96 94.3 74.9 112.3

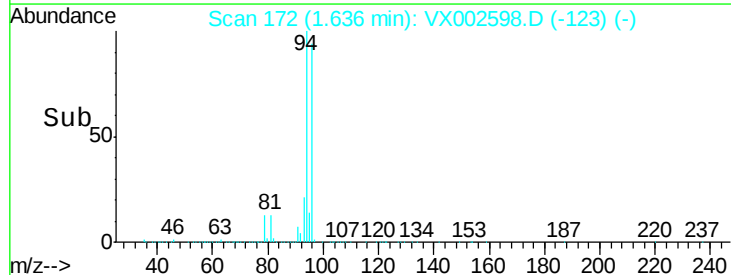


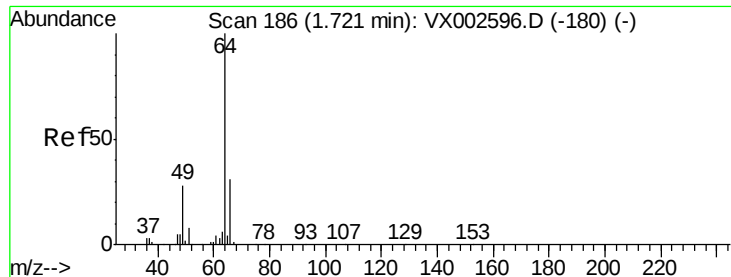
Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->





#6

Chloroethane

Concen: 142.84 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 64 Resp: 262753

Ion Ratio Lower Upper

64 100

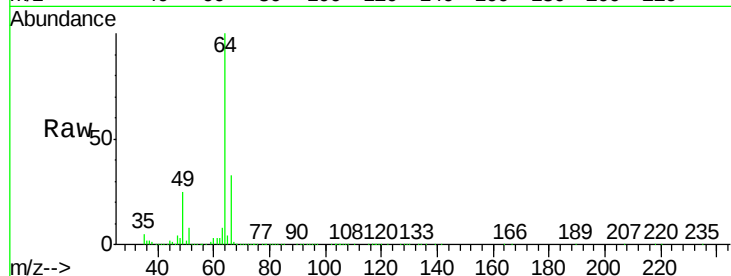
66 32.5 25.5 38.3

Manual Integrations

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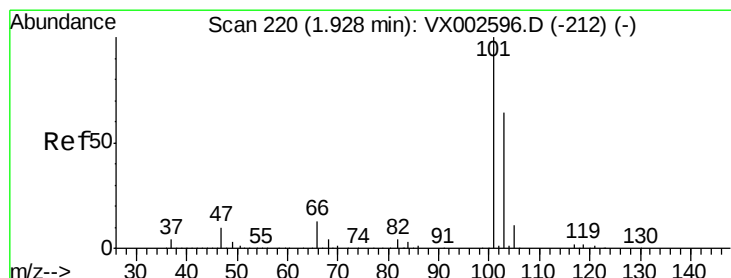
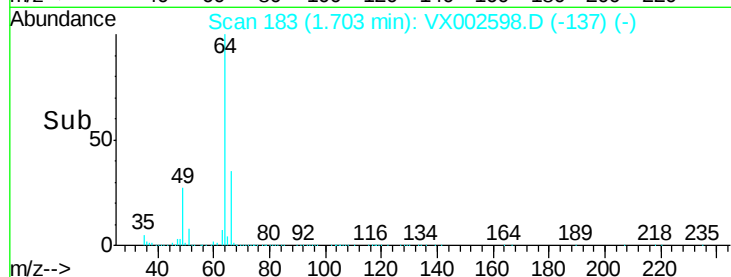
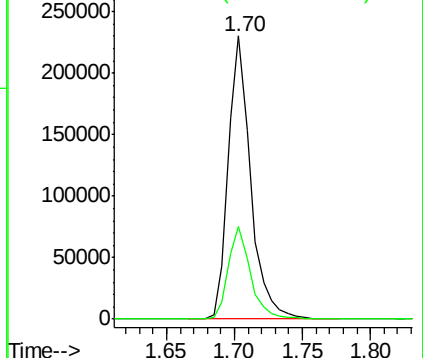
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Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#7

Trichlorofluoromethane

Concen: 129.16 ug/l

RT: 1.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX002598.D

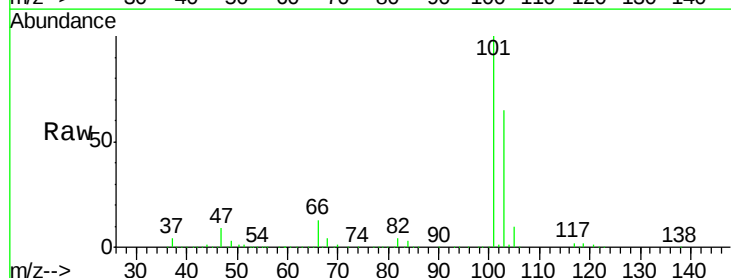
Acq: 15 Jun 2018 13:47

Tgt Ion:101 Resp: 559621

Ion Ratio Lower Upper

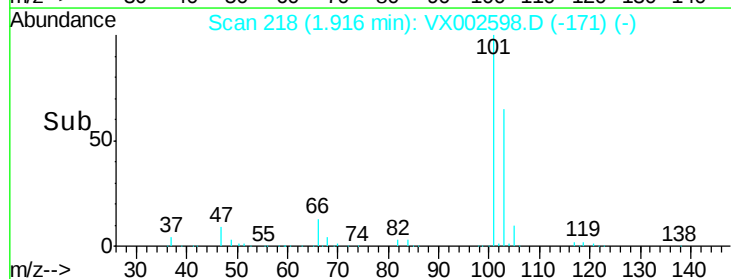
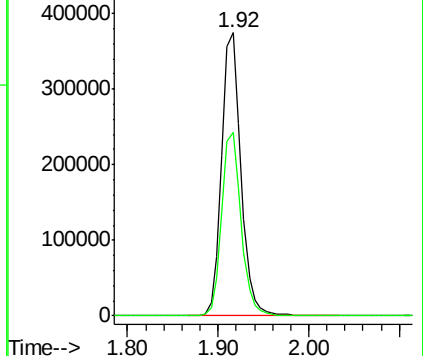
101 100

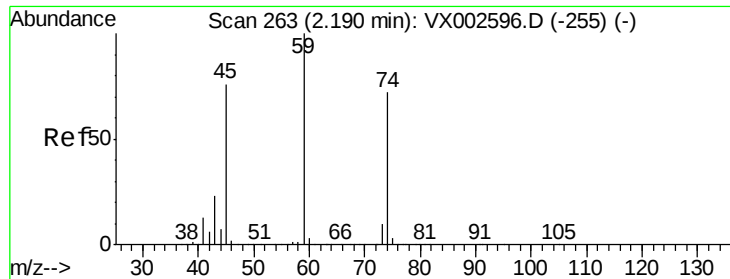
103 65.0 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 155.26 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 74 Resp: 274029

Ion Ratio Lower Upper

74 100

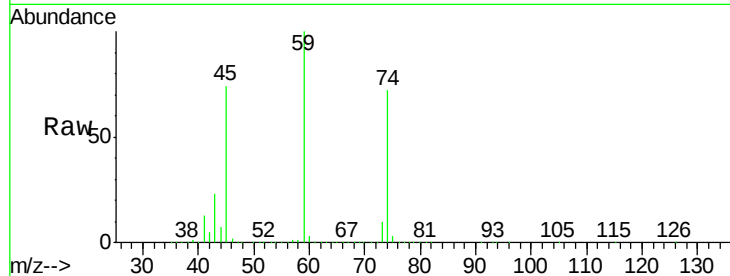
45 104.4 53.1 159.4

Manual Integrations

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6/18/2018 5:12:00 PM



Abundance Ion 74.00 (73.70 to 74.70): VX002598.D

Ion 45.00 (44.70 to 45.70): VX002598.D

200000

150000

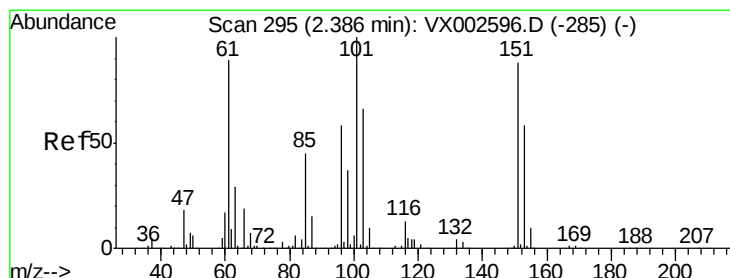
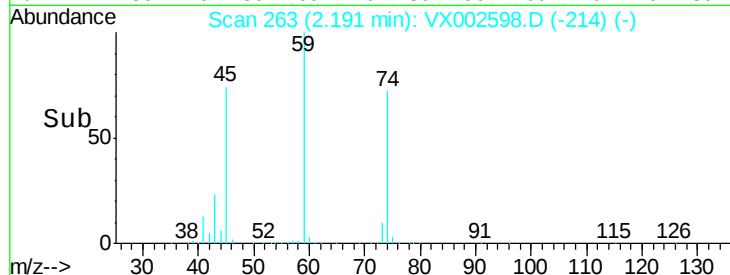
100000

50000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 121.34 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

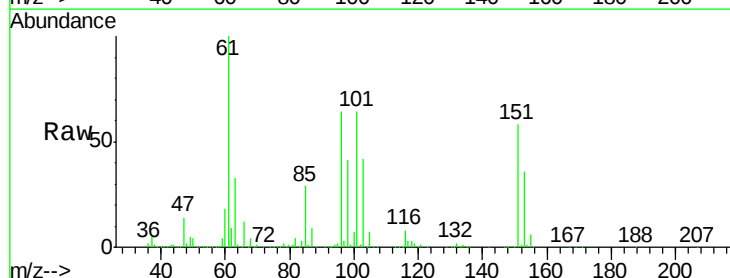
Tgt Ion:101 Resp: 283713

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

151 89.1 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): VX002598.D

Ion 84.90 (84.60 to 85.60): VX002598.D

Ion 150.80 (150.50 to 151.50): VX002598.D

200000

150000

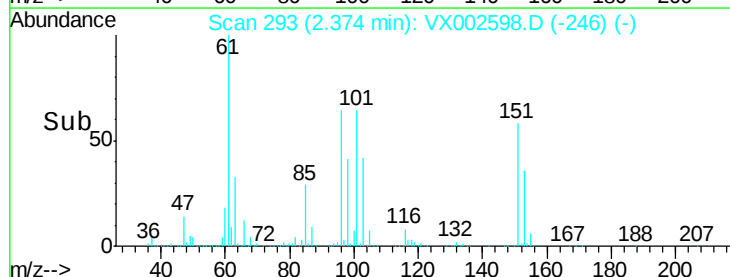
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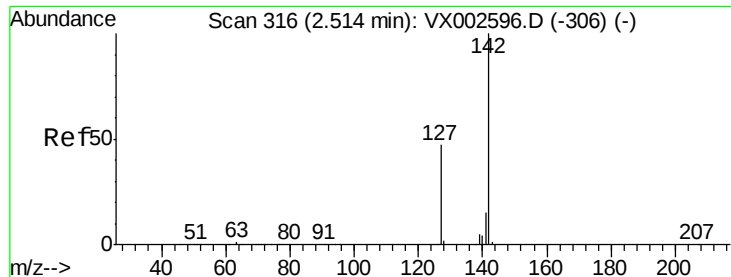
50000

0

2.30 2.40 2.50

Time-->





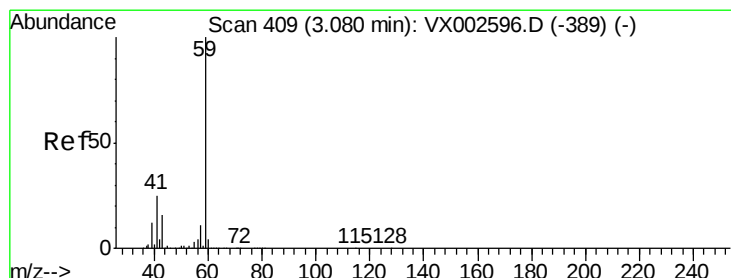
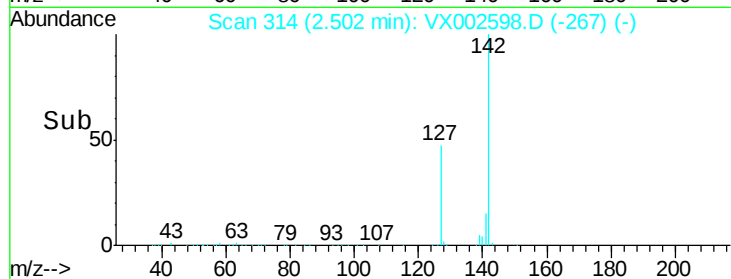
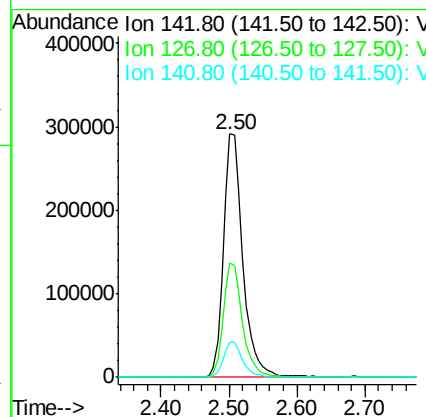
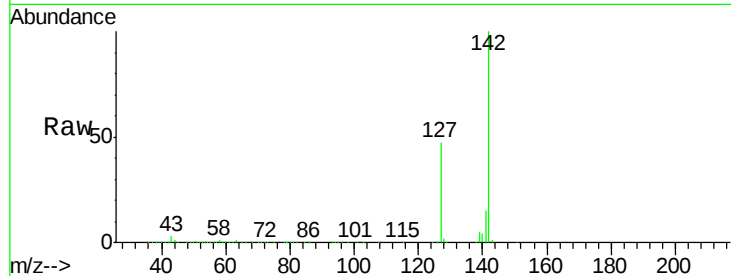
#10
Methvl Iodide
Concen: 175.51 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.4	36.6	55.0
141	14.2	11.3	16.9

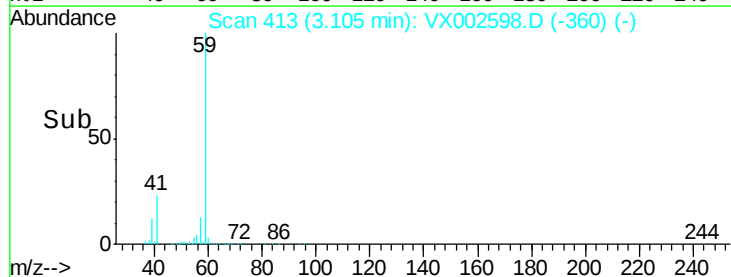
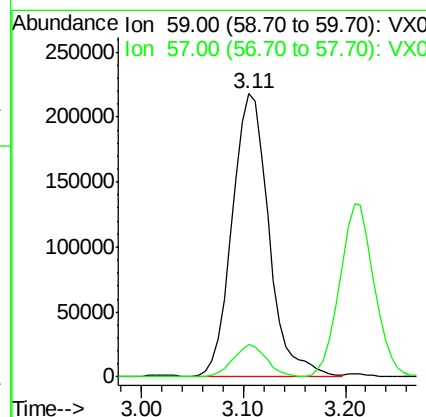
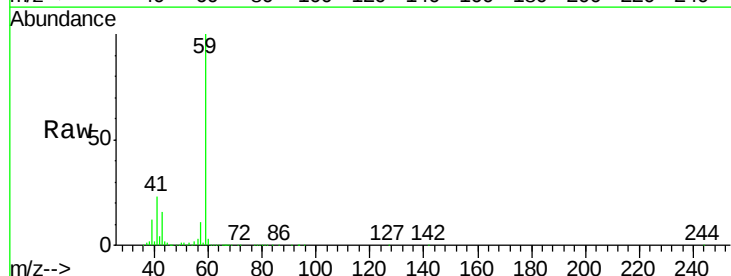
Manual Integrations
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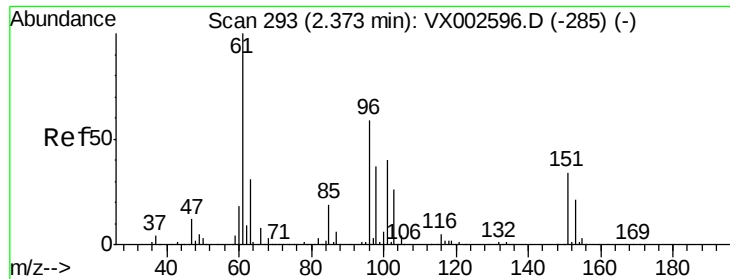
MMDadoda
6/18/2018 5:12:00 PM



#11
Tert butyl alcohol
Concen: 778.45 ug/l
RT: 3.11 min Scan# 413
Delta R.T. 0.02 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2





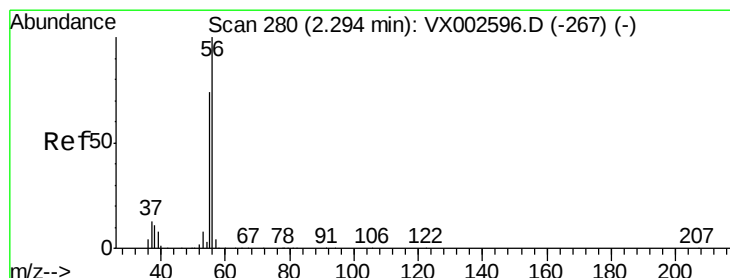
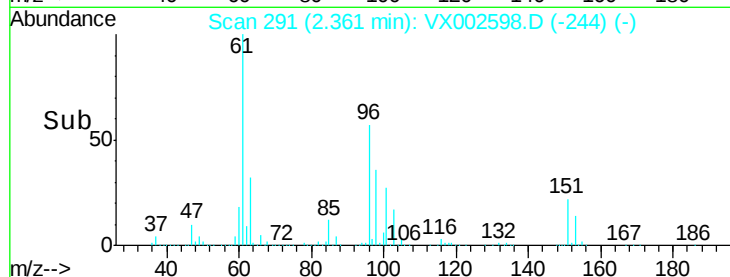
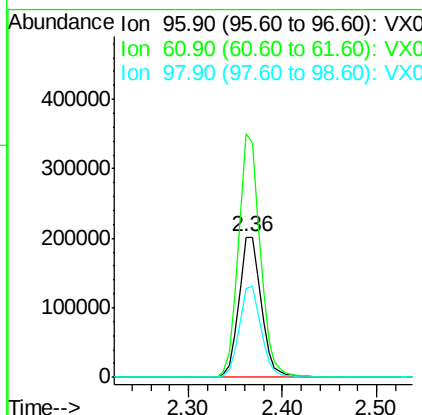
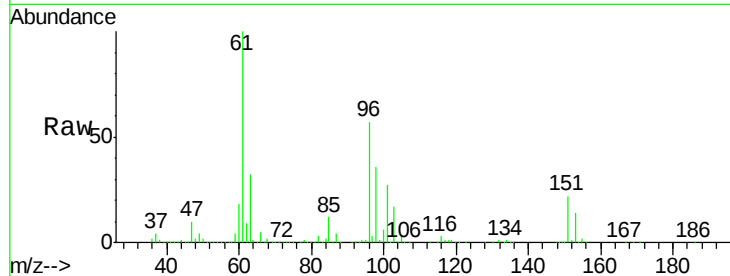
#12
 1,1-Dichloroethene
 Concen: 144.56 ug/l
 RT: 2.36 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.0	137.9	206.9
98	63.0	51.6	77.4

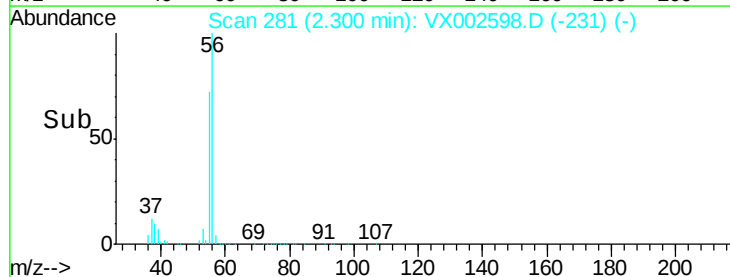
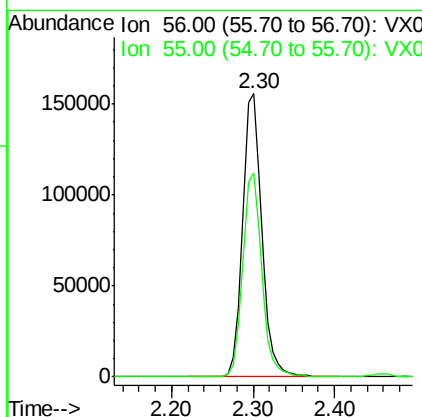
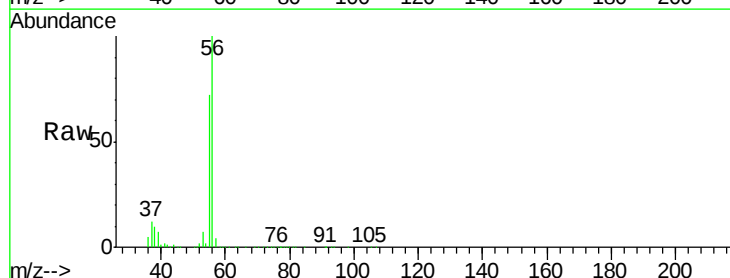
Manual Integrations
 APPROVED

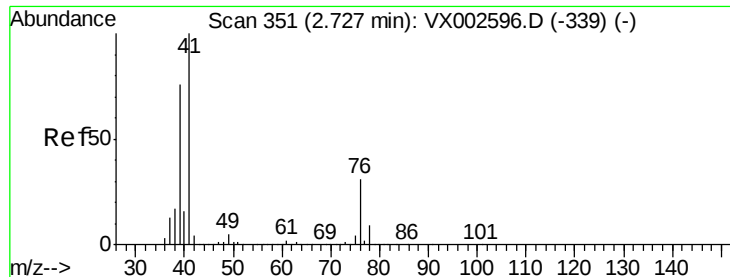
MMDadoda
 6/18/2018 5:12:00 PM



#13
 Acrolein
 Concen: 754.29 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.01 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.9	57.0	85.4





#14

Allvl chloride

Concen: 151.40 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

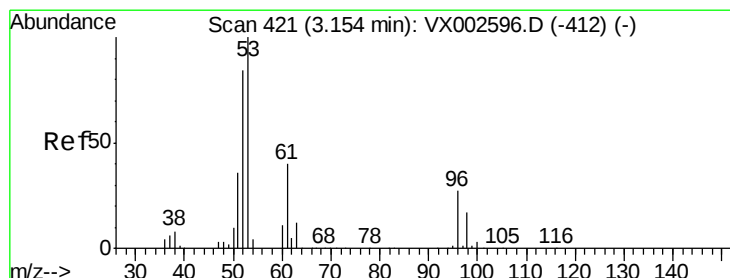
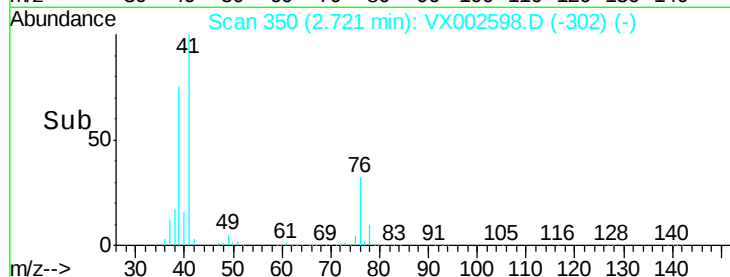
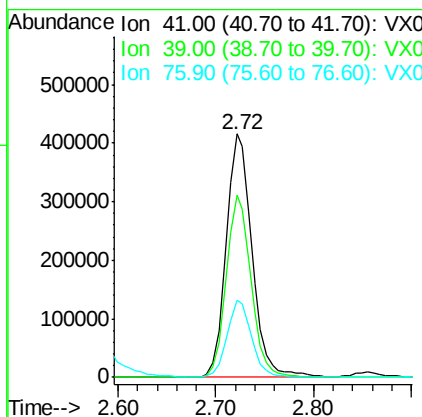
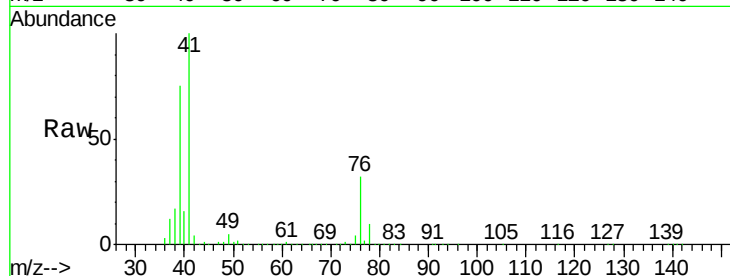
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	759233
Ion	Ratio	Lower	Upper
41	100		
39	71.6	56.8	85.2
76	30.1	23.8	35.8

Manual Integrations
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#15

Acrylonitrile

Concen: 801.18 ug/l

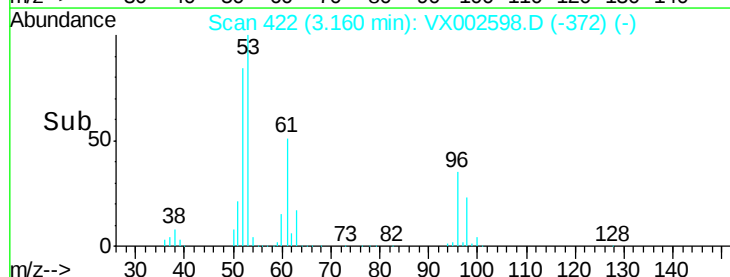
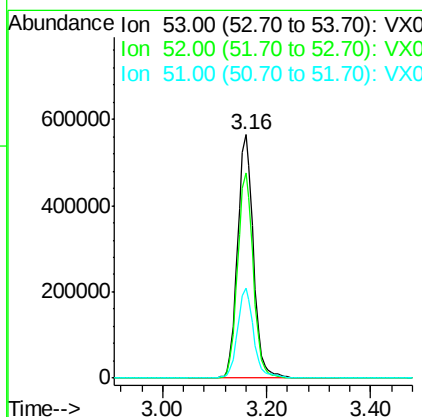
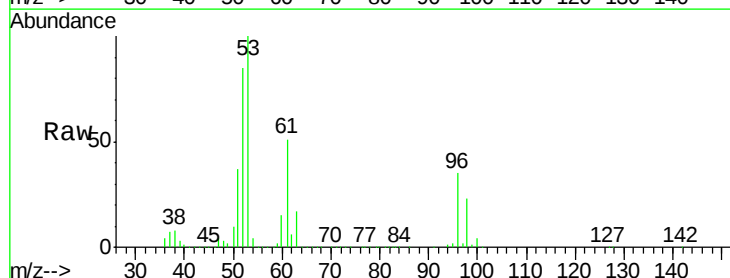
RT: 3.16 min Scan# 422

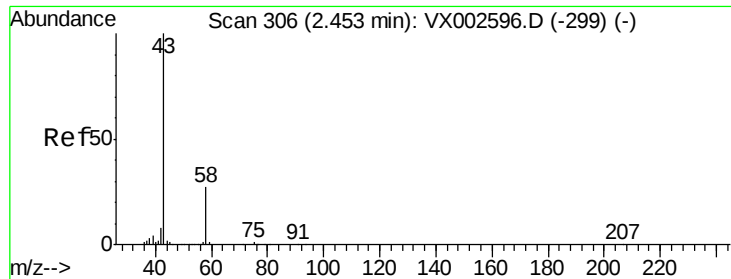
Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	53	Resp:	1186125
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.7	100.1
51	37.5	29.9	44.9





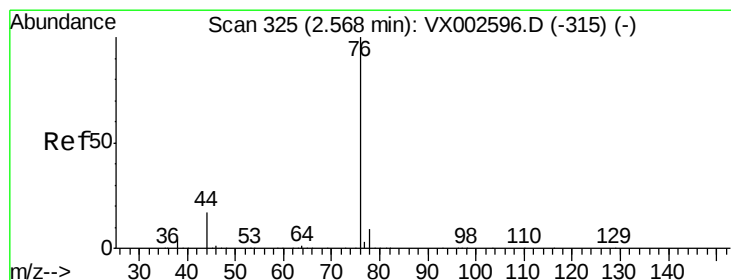
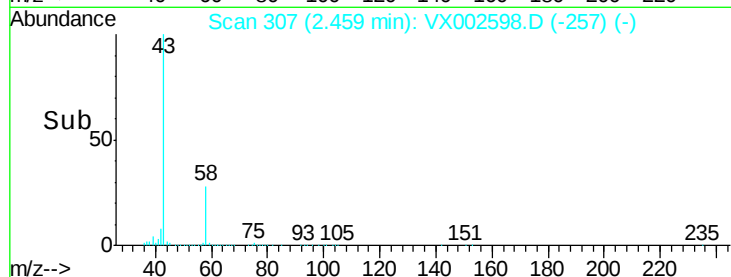
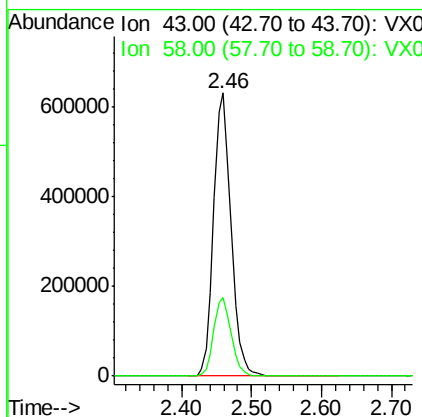
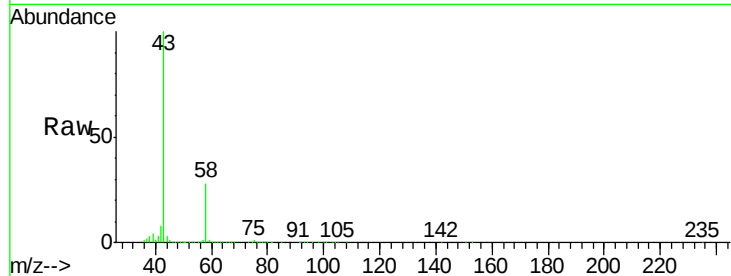
#16
Acetone
Concen: 706.27 ug/l
RT: 2.46 min Scan# 307
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1096254
Ion Ratio Lower Upper
43 100
58 27.8 22.1 33.1

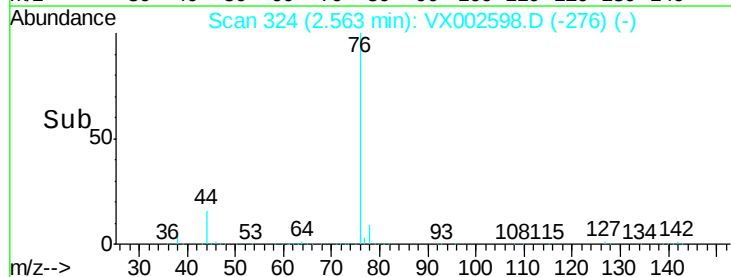
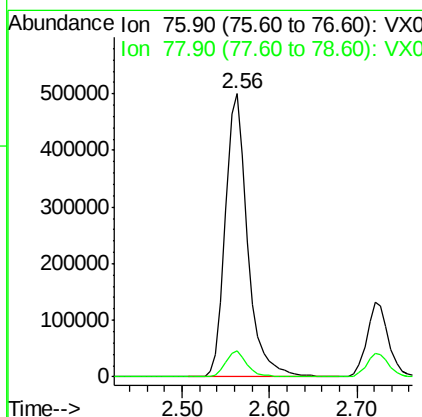
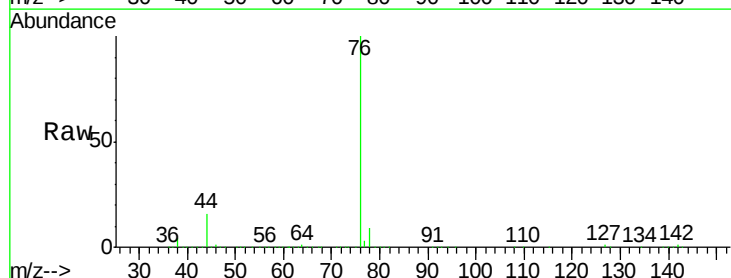
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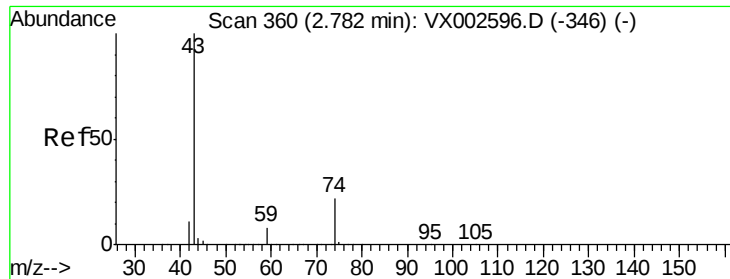
MMDadoda
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#17
Carbon Disulfide
Concen: 145.16 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion: 76 Resp: 884100
Ion Ratio Lower Upper
76 100
78 9.4 6.9 10.3





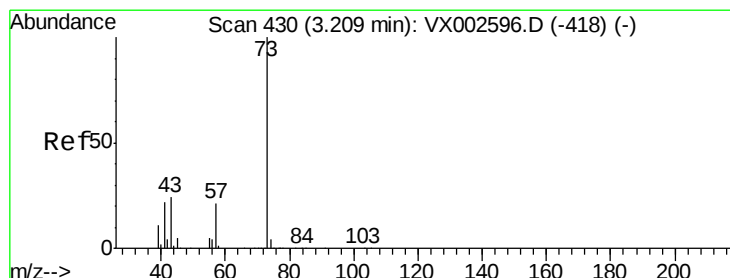
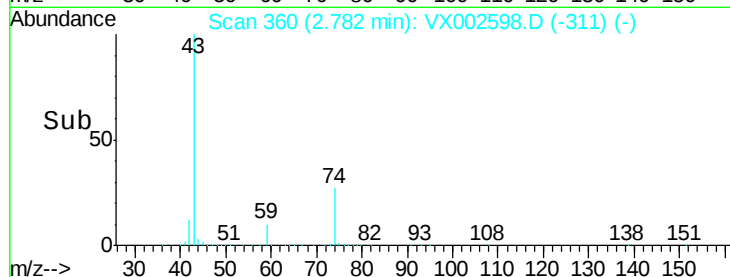
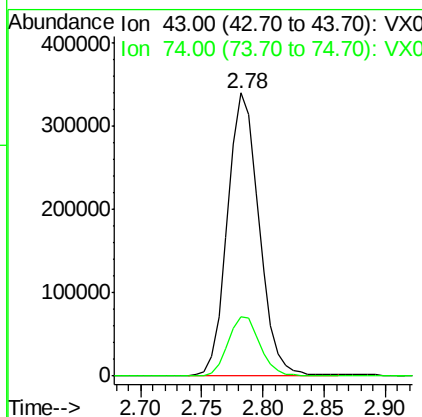
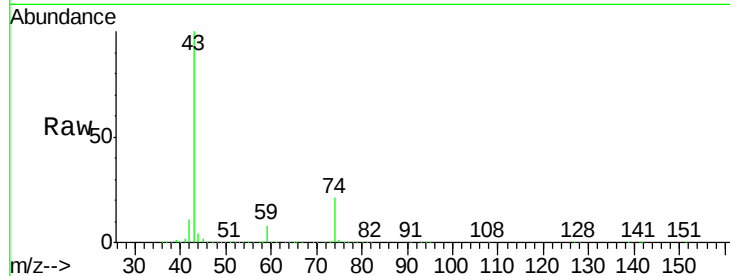
#18
Methyl Acetate
Concen: 165.60 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 606406
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1

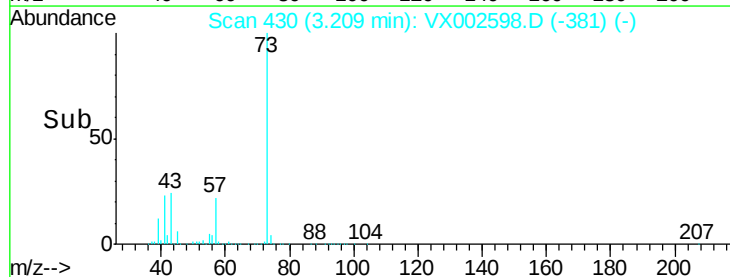
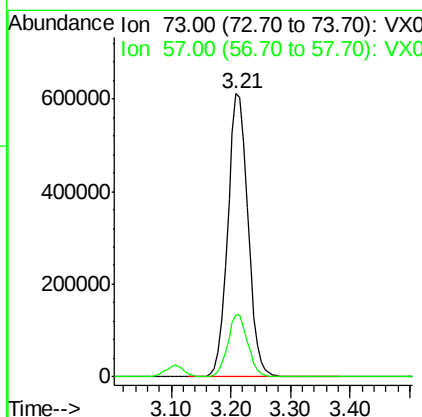
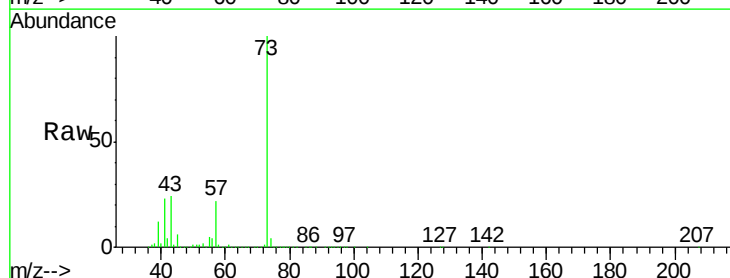
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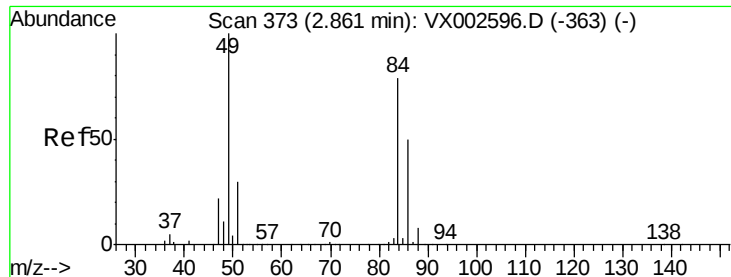
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#19
Methyl tert-butyl Ether
Concen: 157.20 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion: 73 Resp: 1438922
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5





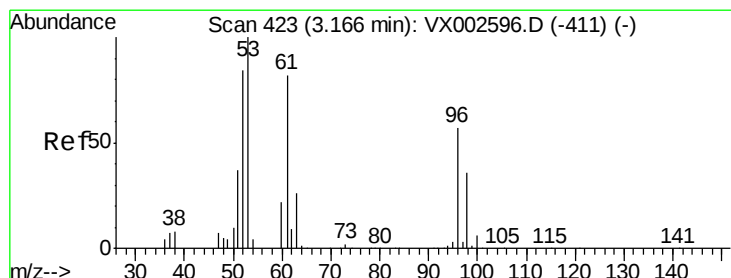
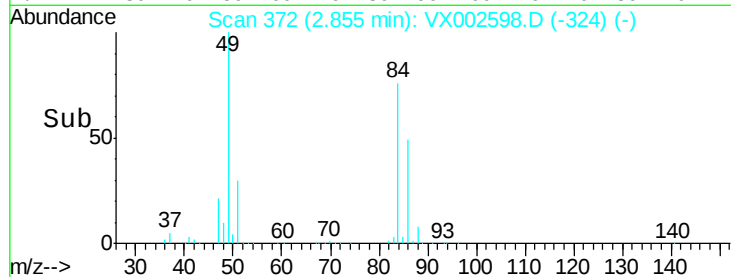
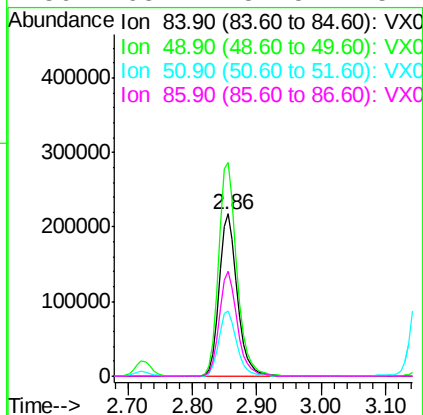
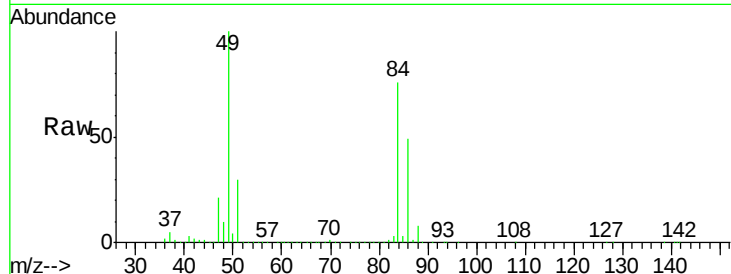
#20
Methvlene Chloride
Concen: 140.16 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
84	100		
49	131.7	107.8	161.6
51	39.9	32.8	49.2
86	65.2	52.5	78.7

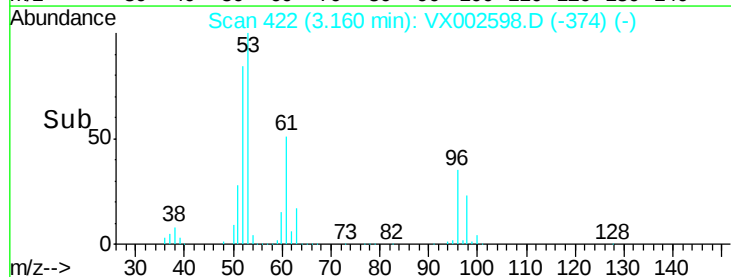
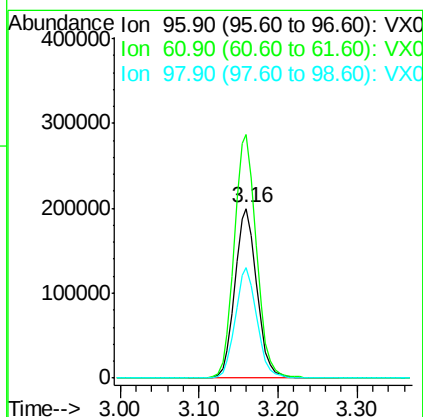
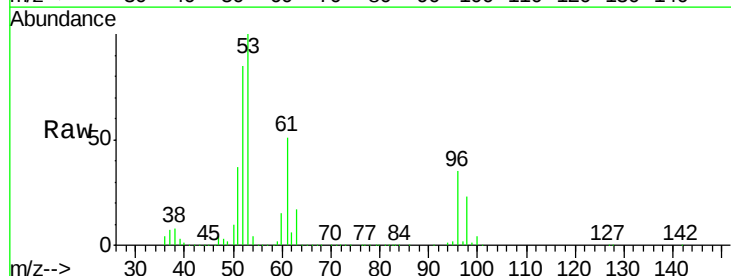
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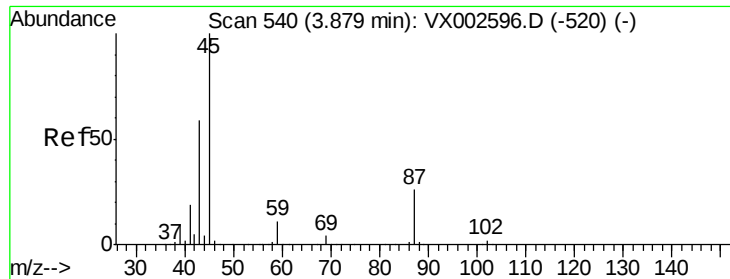
MMDadoda
6/18/2018 5:12:00 PM



#21
trans-1,2-Dichloroethene
Concen: 151.88 ug/l
RT: 3.16 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.4	117.0	175.4
98	64.8	52.4	78.6





#22

Diisopropyl ether

Concen: 147.66 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 45 Resp: 1381586

Ion Ratio Lower Upper

45 100

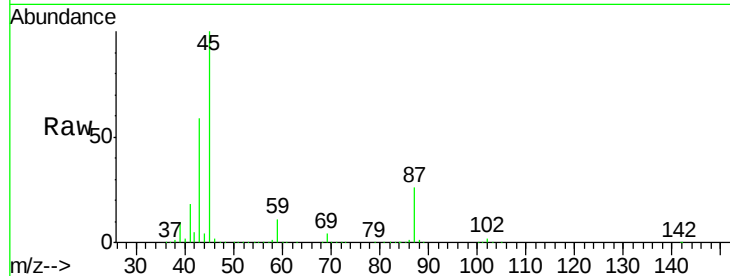
43 58.8 46.8 70.2

87 26.3 20.2 30.4

59 11.2 8.7 13.1

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6/18/2018 5:12:00 PM

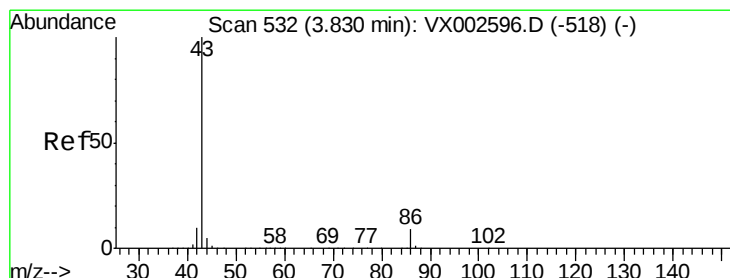
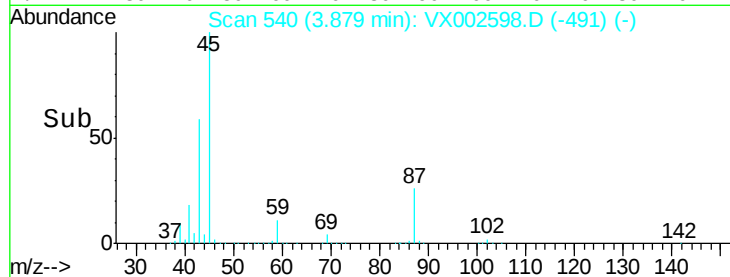
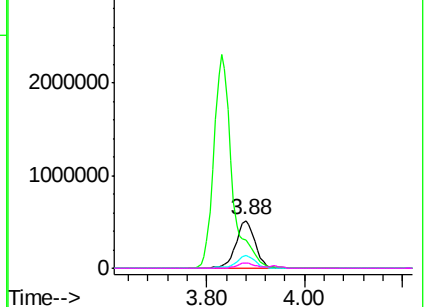


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#23

Vinyl Acetate

Concen: 732.12 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002598.D

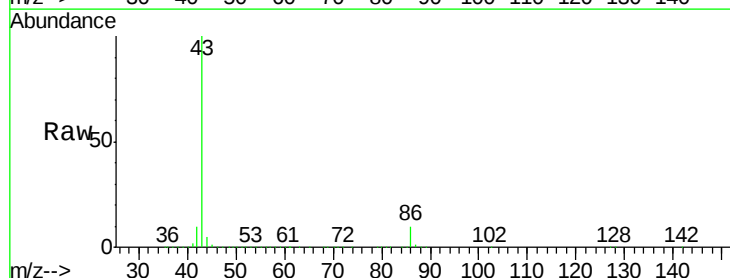
Acq: 15 Jun 2018 13:47

Tgt Ion: 43 Resp: 5951682

Ion Ratio Lower Upper

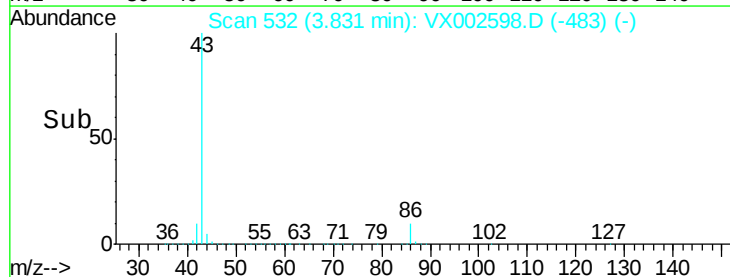
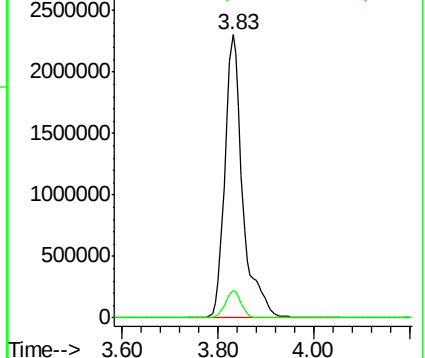
43 100

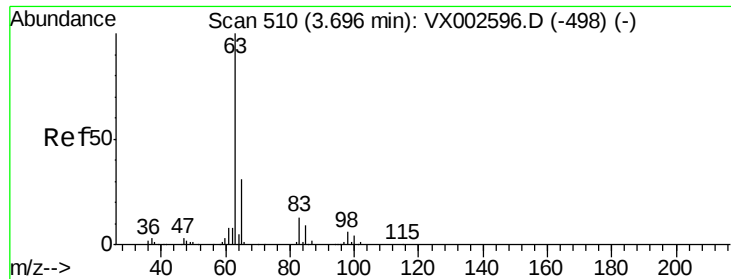
86 9.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#24

1,1-Dichloroethane

Concen: 136.93 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

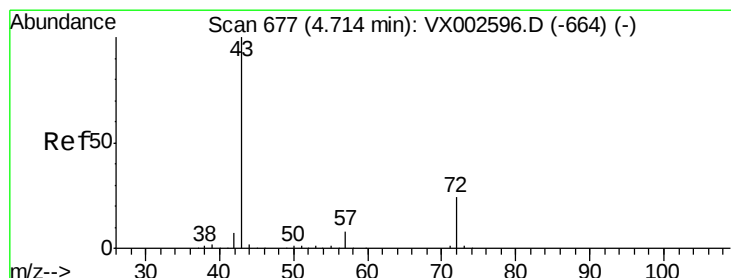
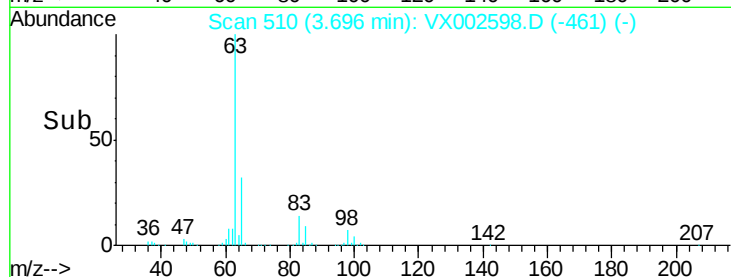
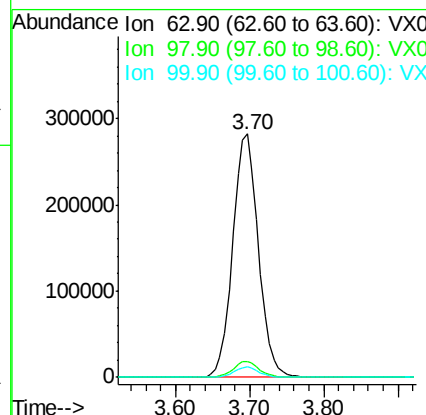
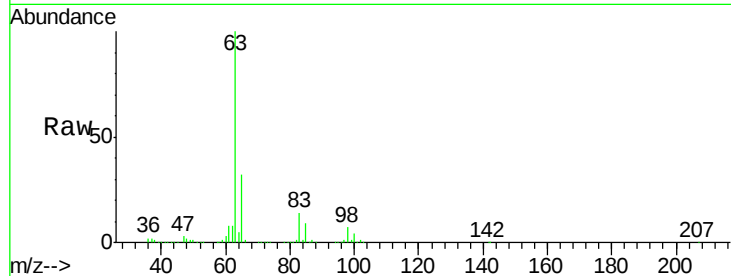
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	678650
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.4	10.2
100	4.2	2.0	6.0

Manual Integrations
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#25

2-Butanone

Concen: 730.59 ug/l

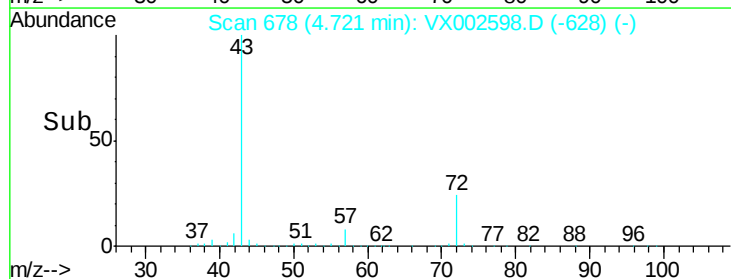
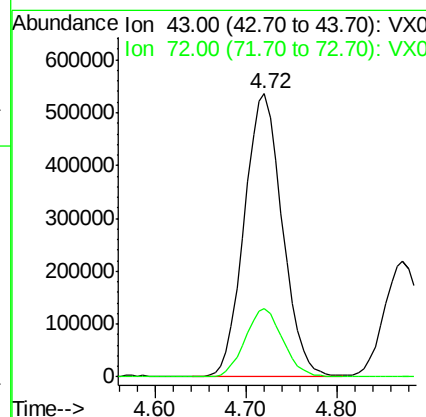
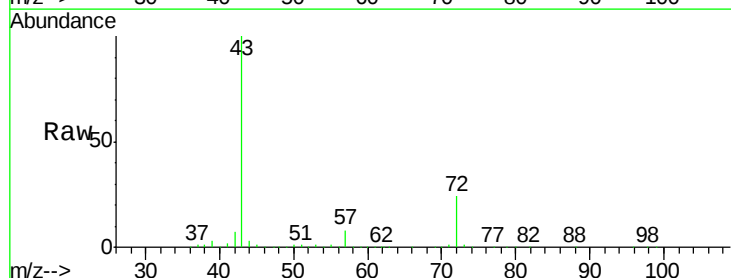
RT: 4.72 min Scan# 678

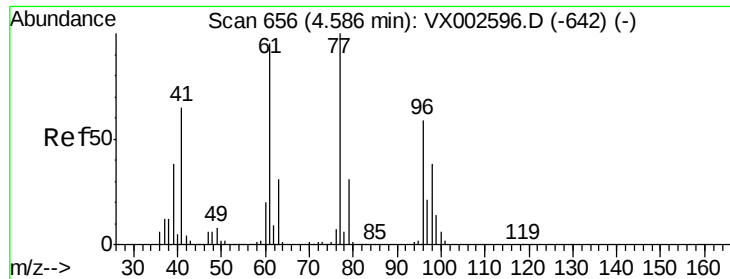
Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	43	Resp:	1554881
Ion Ratio	Lower	Upper	
43	100		
72	23.9	18.5	27.7





#26

2,2-Dichloropropane

Concen: 137.10 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 531156

Ion Ratio Lower Upper

77 100

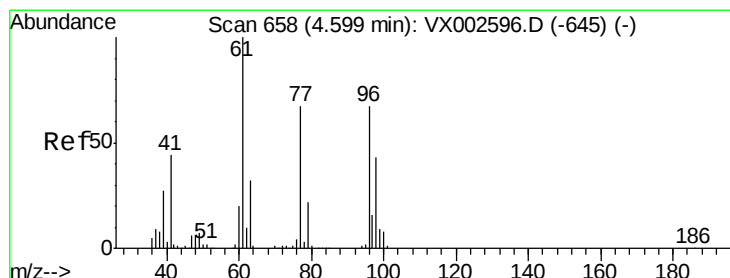
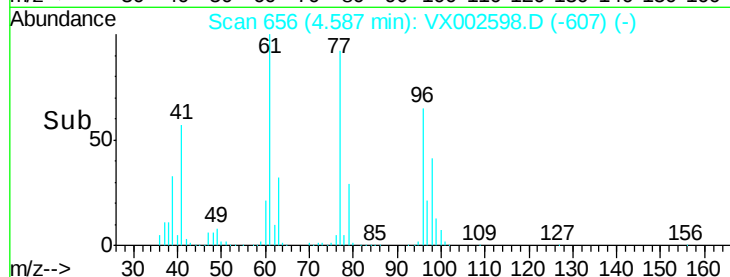
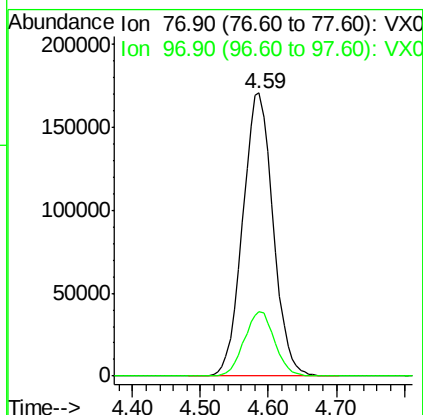
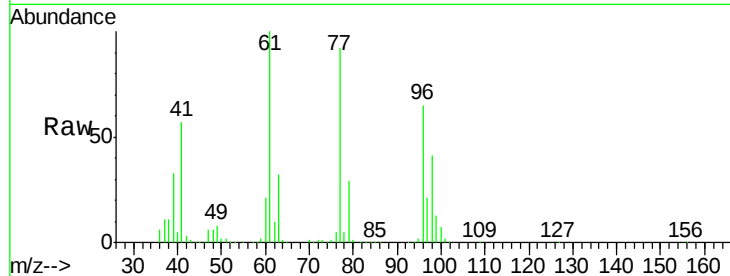
97 23.0 11.2 33.5

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 152.44 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

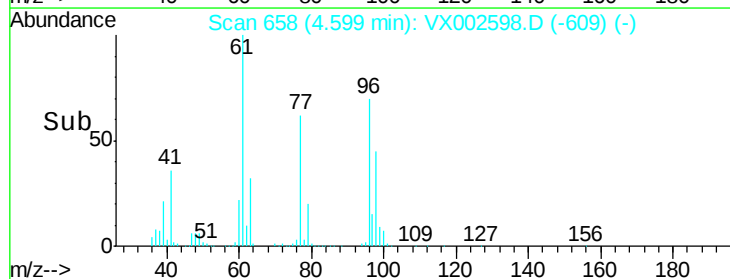
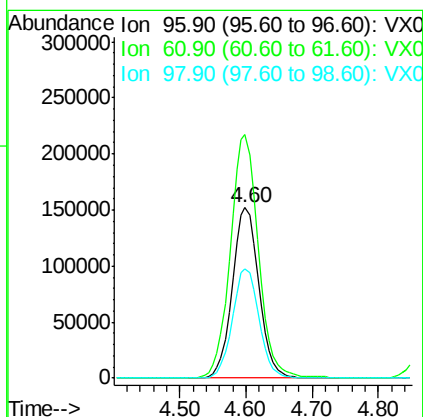
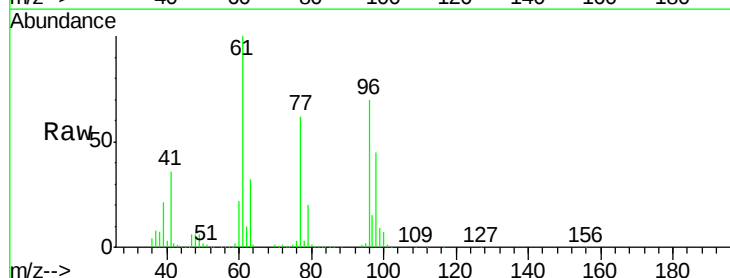
Tgt Ion: 96 Resp: 422463

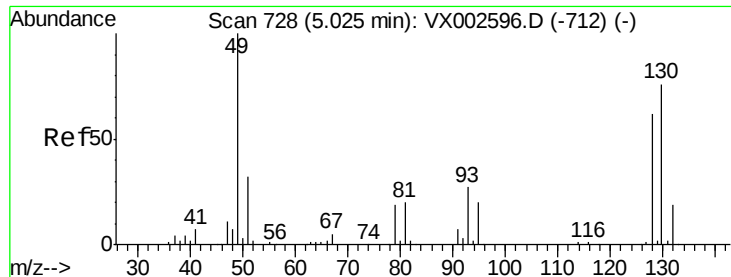
Ion Ratio Lower Upper

96 100

61 151.0 0.0 330.2

98 64.5 0.0 130.2





#28

Bromochloromethane

Concen: 139.75 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 335401

Ion Ratio Lower Upper

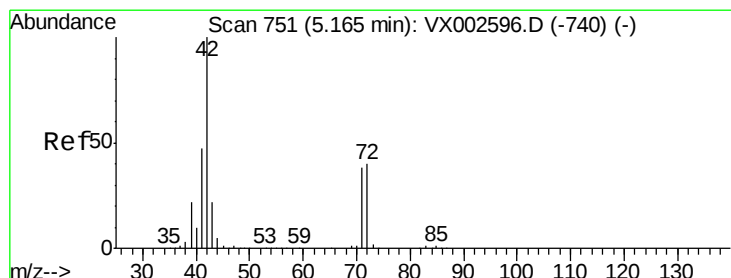
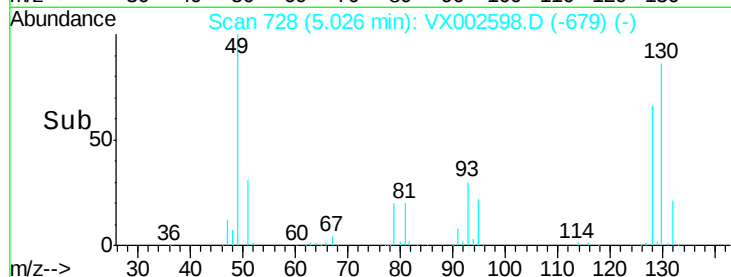
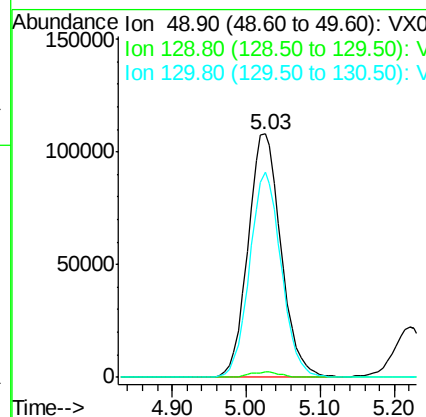
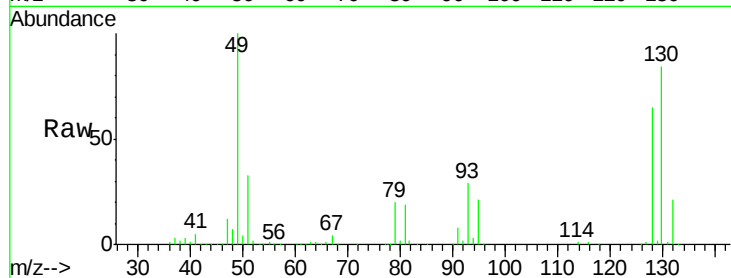
49 100

129 2.2 0.0 4.2

130 81.0 61.2 91.8

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#29

Tetrahydrofuran

Concen: 741.71 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

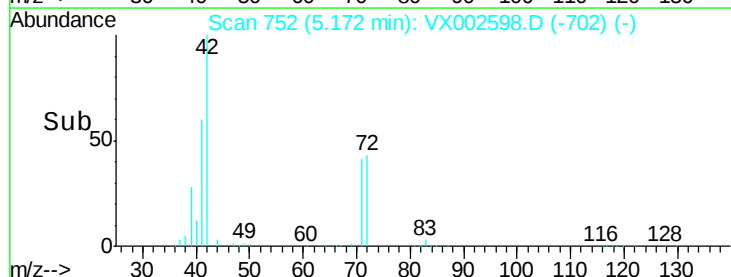
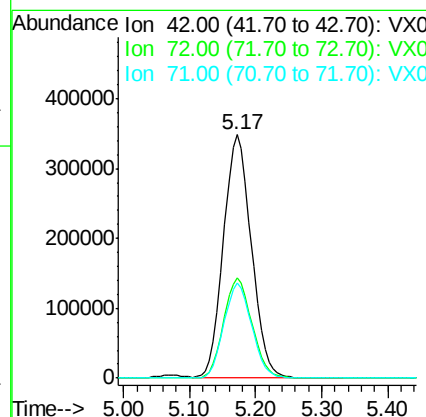
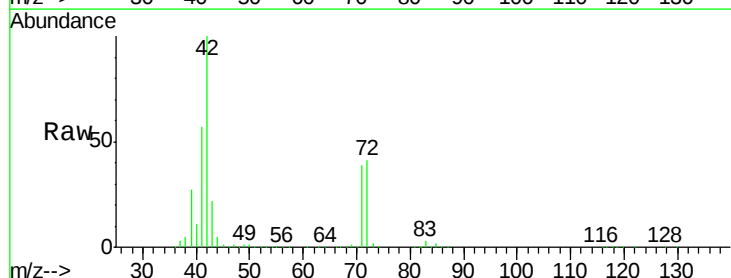
Tgt Ion: 42 Resp: 1017759

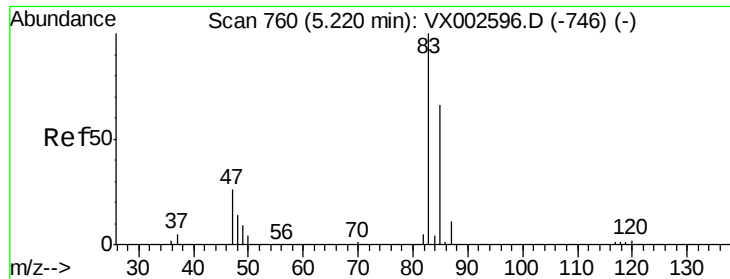
Ion Ratio Lower Upper

42 100

72 41.8 32.0 48.0

71 39.1 30.1 45.1





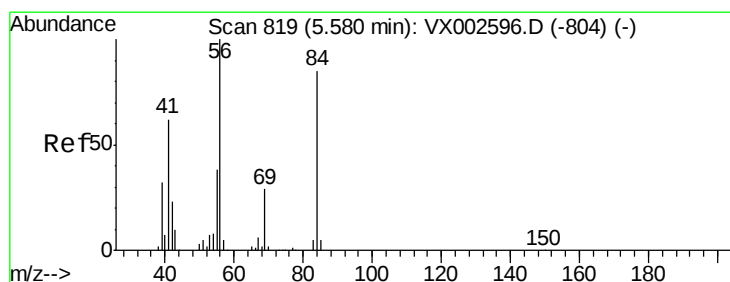
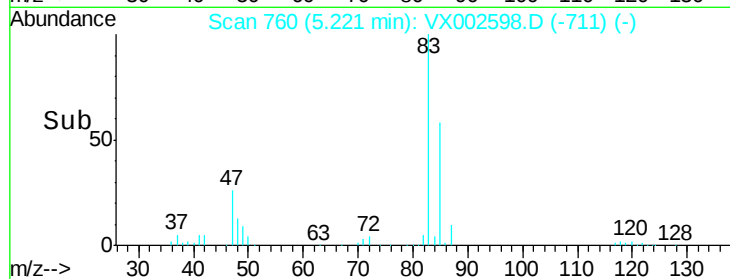
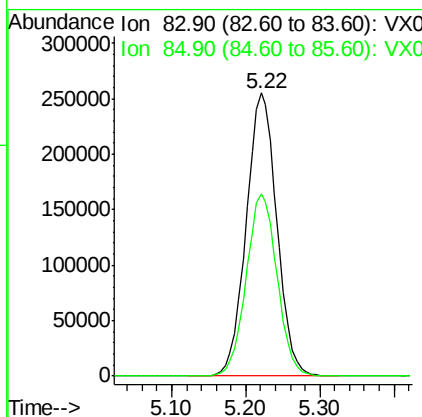
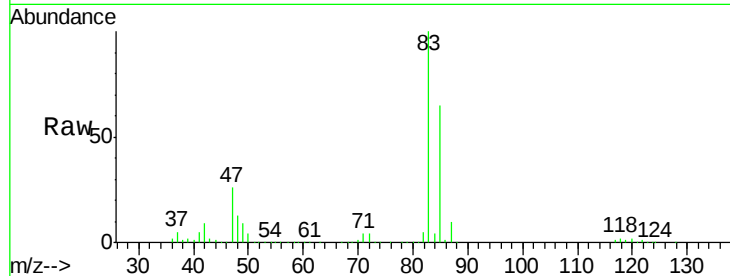
#30
Chloroform
Concen: 153.60 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	83	Resp	734621
Ion Ratio	100	Lower	Upper
85	64.6	50.4	75.6

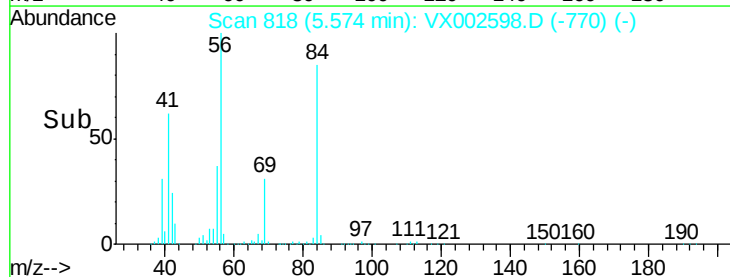
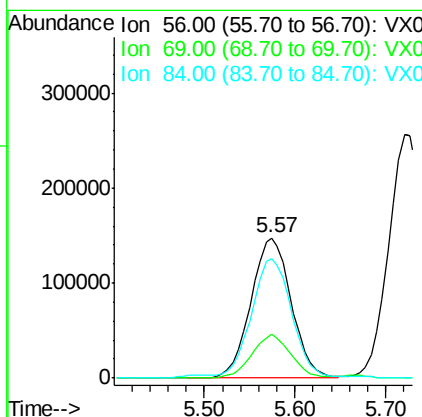
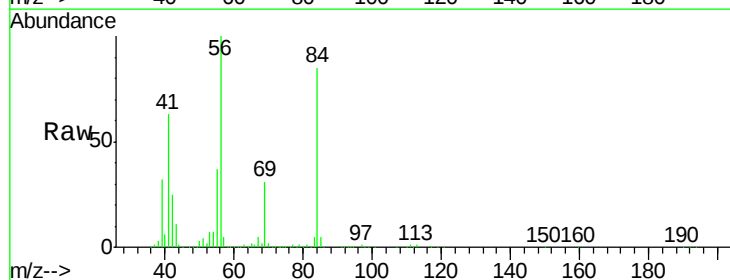
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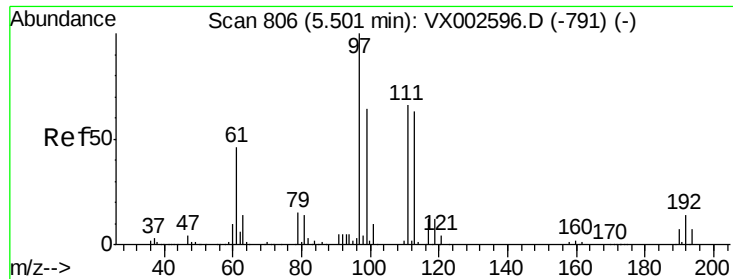
MMDadoda
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#31
Cyclohexane
Concen: 115.08 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	56	Resp	451033
Ion Ratio	100	Lower	Upper
69	31.3	23.7	35.5
84	84.1	64.1	96.1





#32

1,1,1-Trichloroethane

Concen: 149.67 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

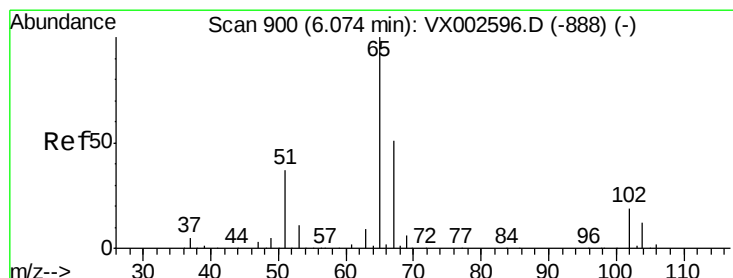
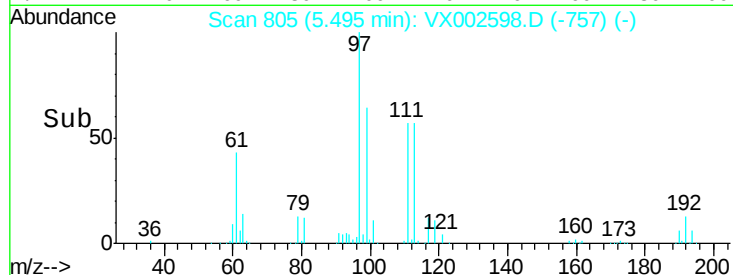
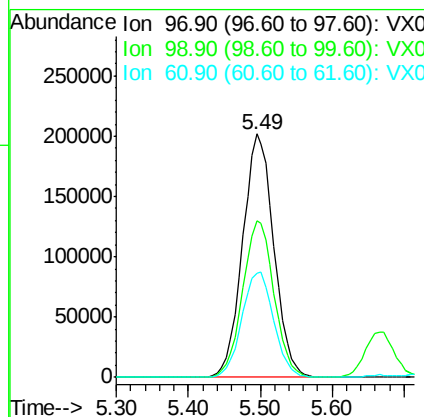
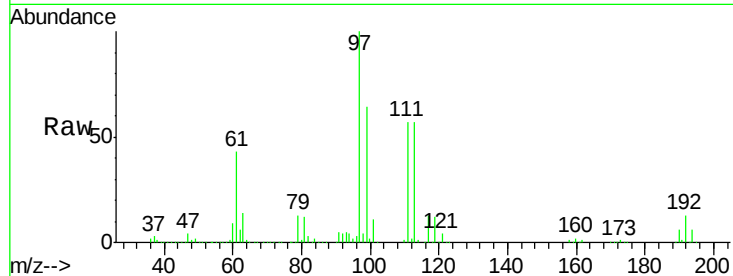
ClientSampleId :

VSTDIC150

Tot Ion:	97	Resp:	607086
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	44.4	36.4	54.6

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 149.21 ug/l

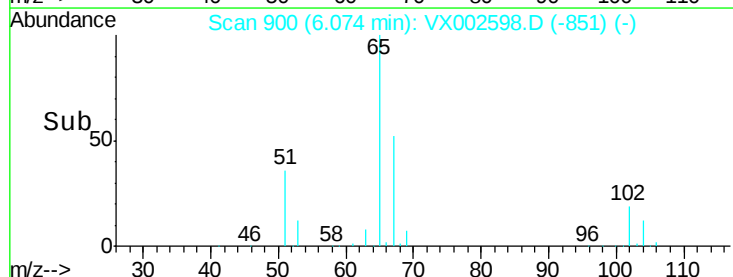
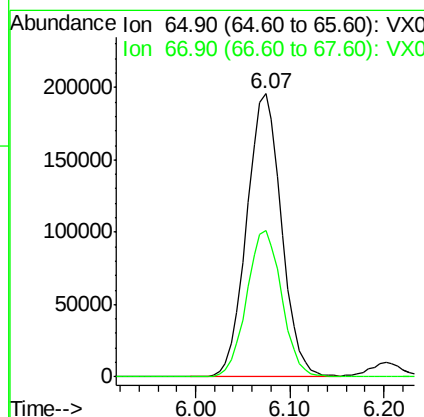
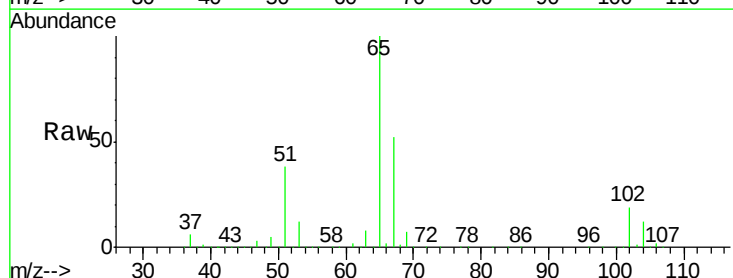
RT: 6.07 min Scan# 900

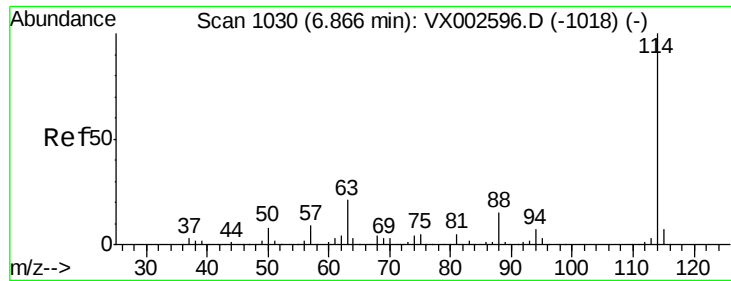
Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	65	Resp:	503751
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002598.D

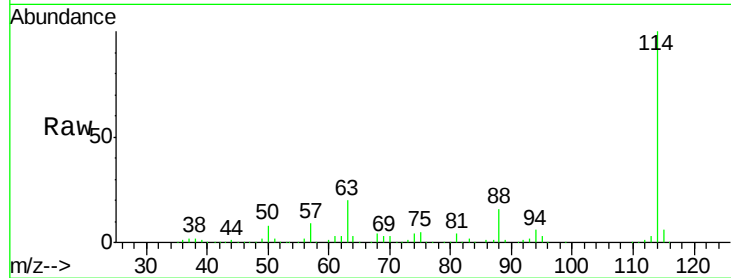
Acq: 15 Jun 2018 13:47

Tot Ion:	114	Resp:	335111
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	41.4
88	15.6	0.0	30.0

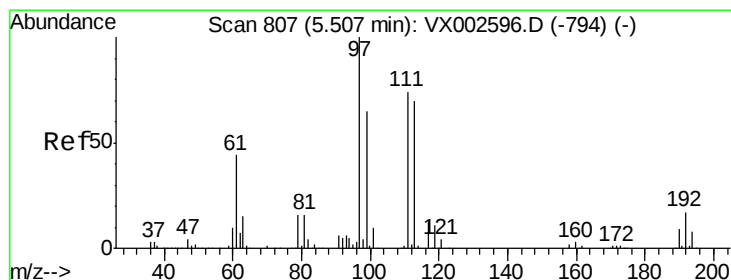
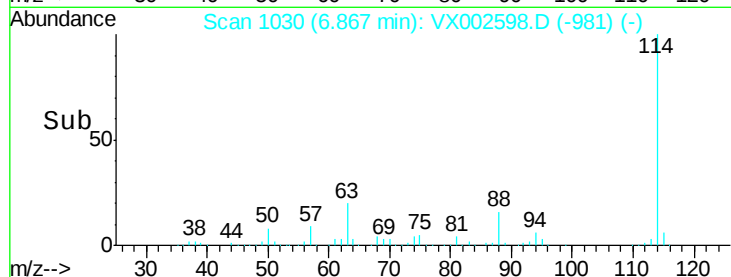
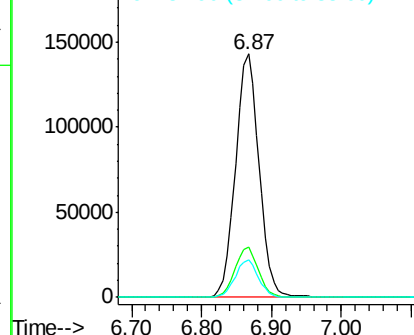
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX



#35

Dibromofluoromethane

Concen: 155.79 ug/l

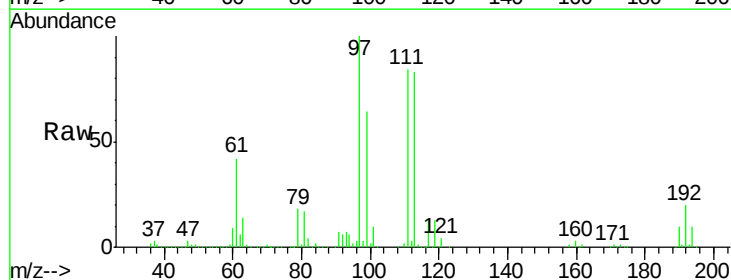
RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

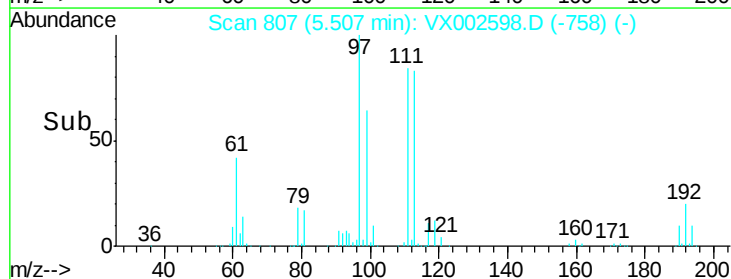
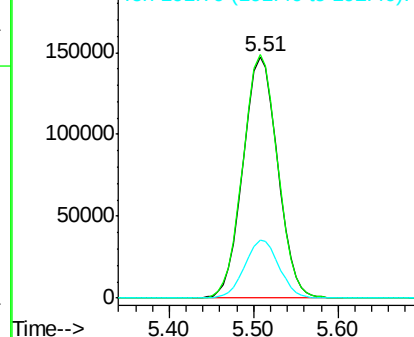
Lab File: VX002598.D

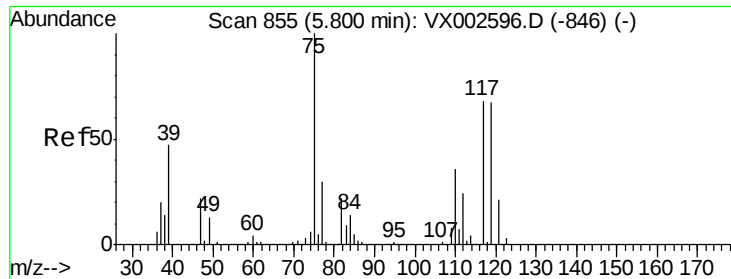
Acq: 15 Jun 2018 13:47

Tgt Ion:	113	Resp:	410567
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.0
192	24.0	19.1	28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 137.49 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 484374

Ion Ratio Lower Upper

75 100

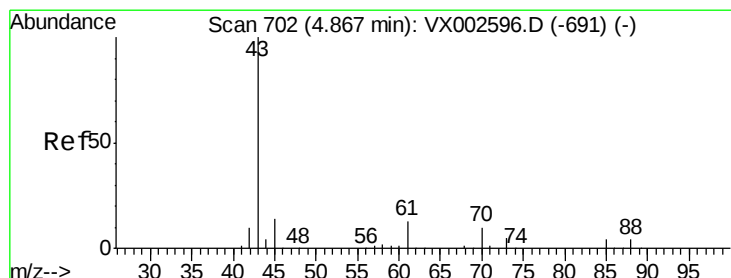
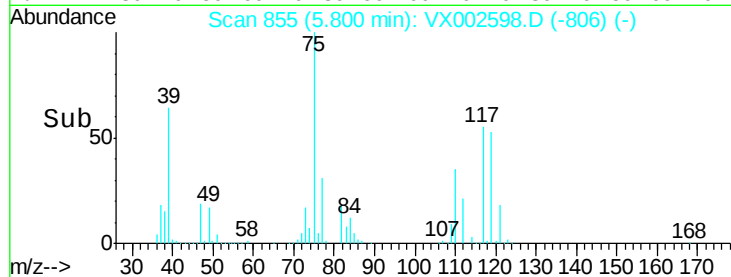
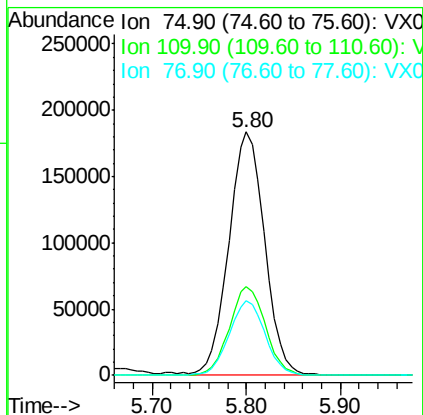
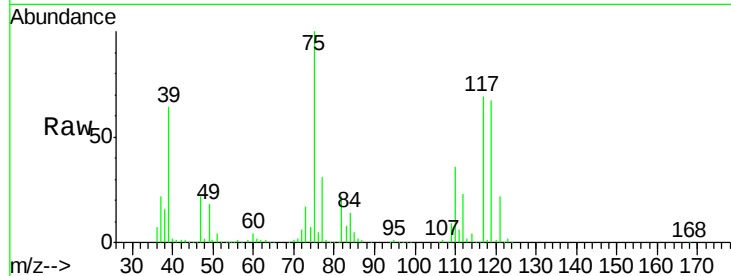
110 36.8 18.1 54.4

77 31.4 24.3 36.5

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#37

Ethyl Acetate

Concen: 148.08 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

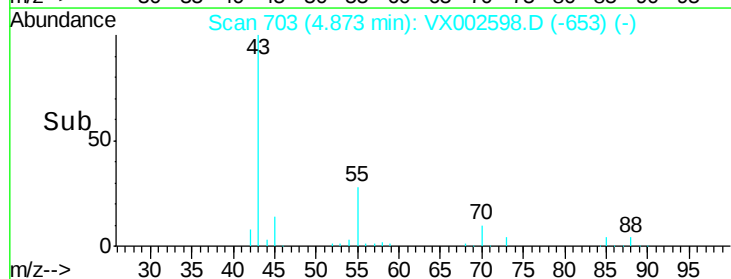
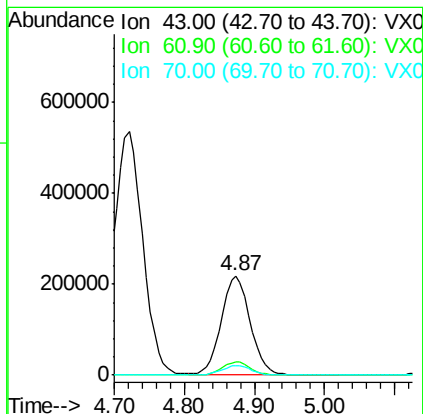
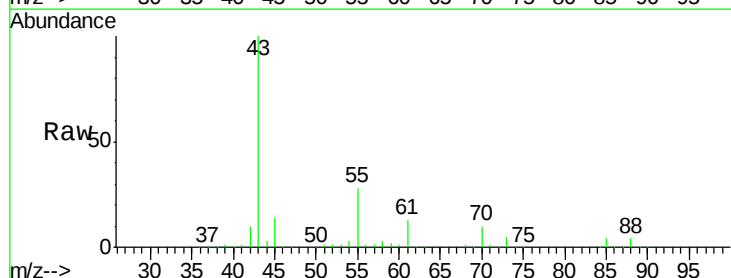
Tgt Ion: 43 Resp: 627367

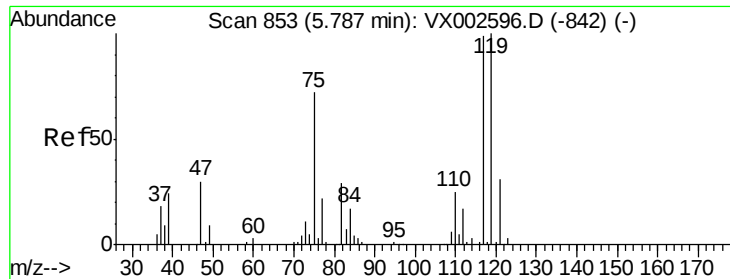
Ion Ratio Lower Upper

43 100

61 13.0 10.4 15.6

70 9.5 7.6 11.4





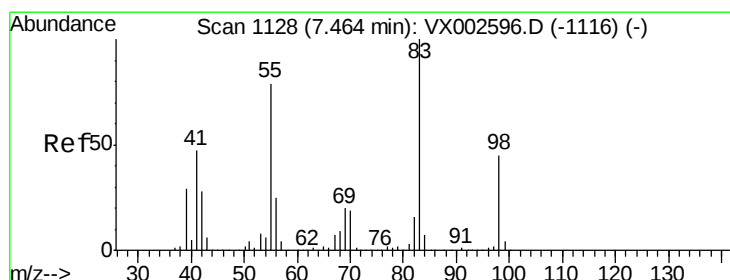
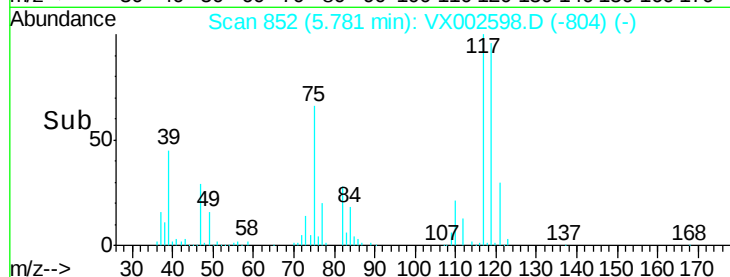
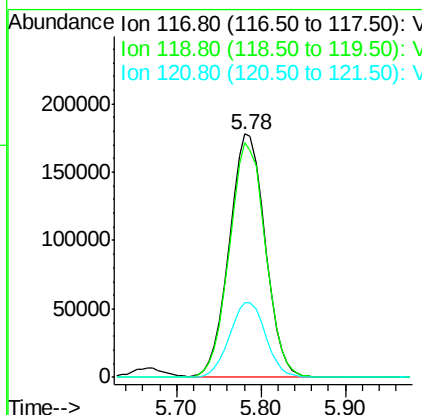
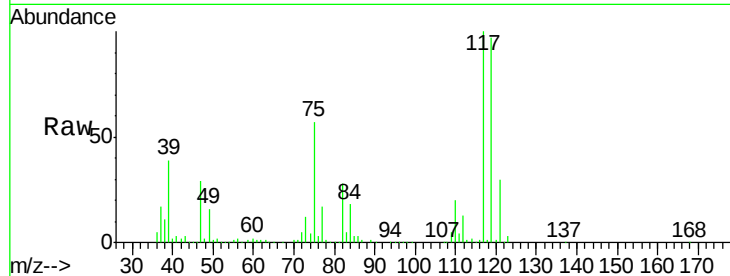
#38
Carbon Tetrachloride
Concen: 139.47 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.6	77.4	116.0
121	30.4	24.4	36.6

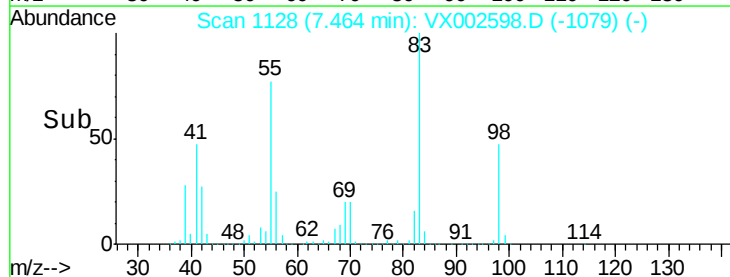
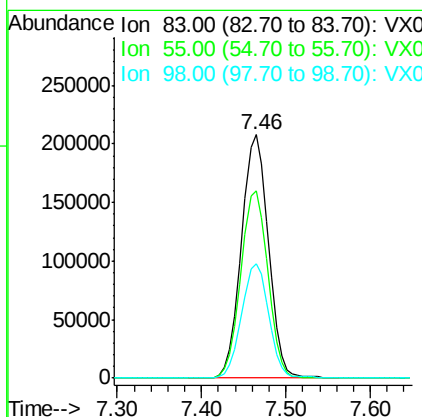
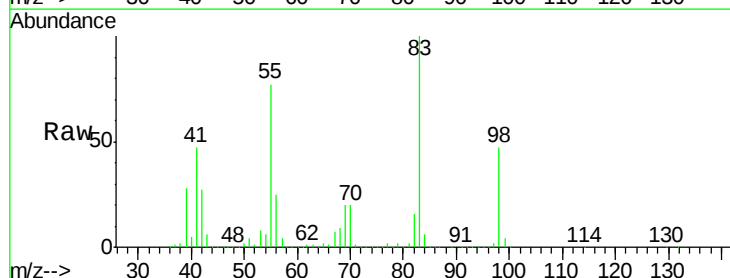
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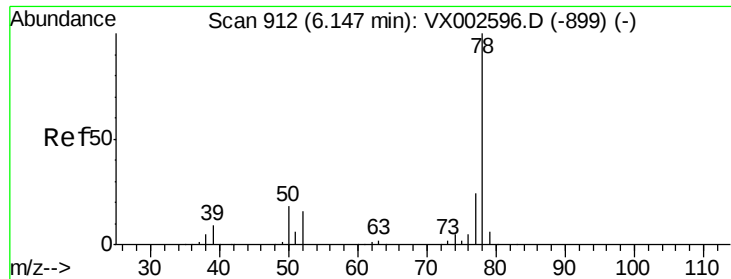
MMDadoda
6/18/2018 5:12:00 PM



#39
Methylcyclohexane
Concen: 112.23 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.9	65.4	98.0
98	47.1	37.4	56.0





#40

Benzene

Concen: 146.69 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tot Ion: 78 Resp: 1584584

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

Instrument :

MSVOA_X

ClientSampleId :

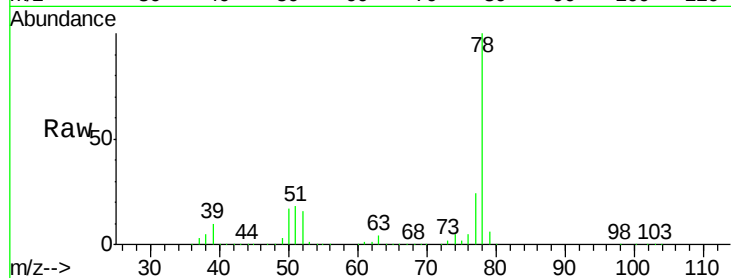
VSTDIC150

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.15

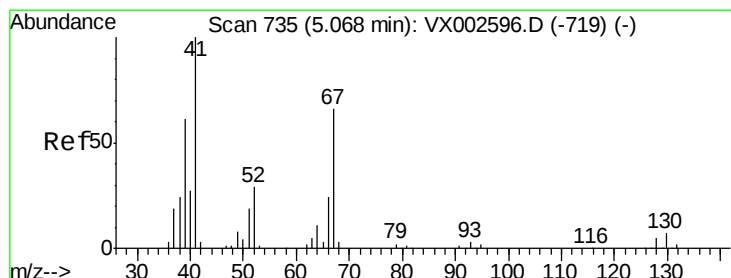
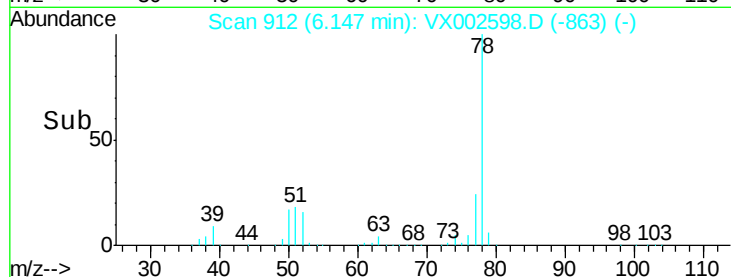
600000

400000

200000

0

Time-->



#41

Methacrylonitrile

Concen: 146.50 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion: 41 Resp: 355321

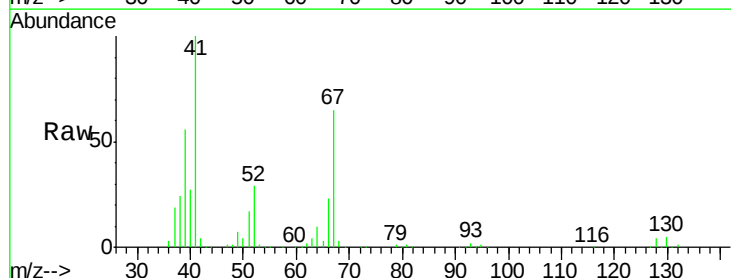
Ion Ratio Lower Upper

41 100

39 55.9 45.8 68.6

67 66.3 51.3 76.9

52 29.2 23.0 34.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

300000

250000

200000

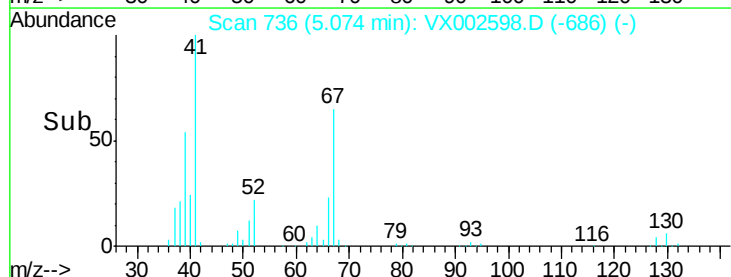
150000

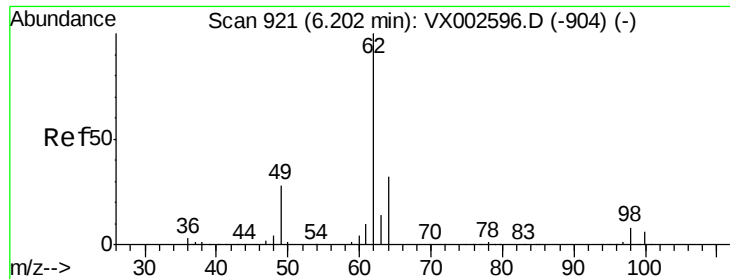
100000

50000

0

Time-->





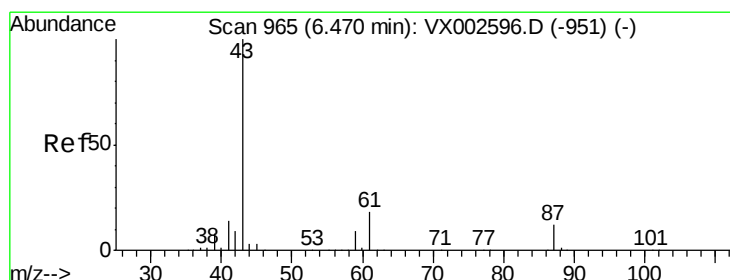
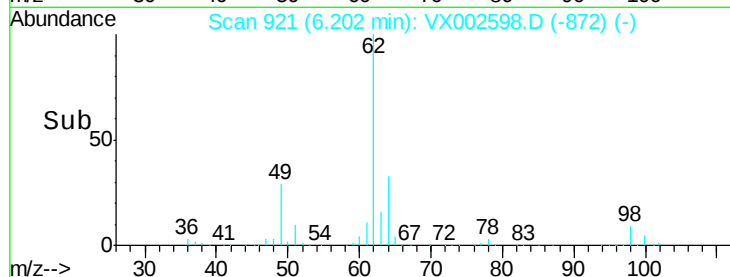
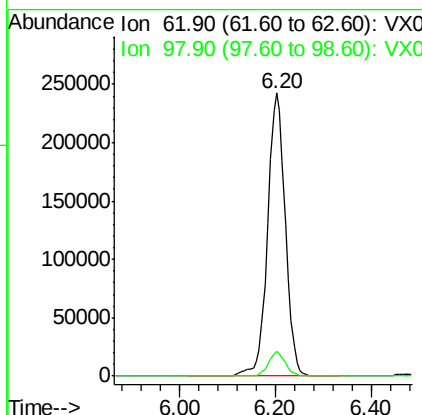
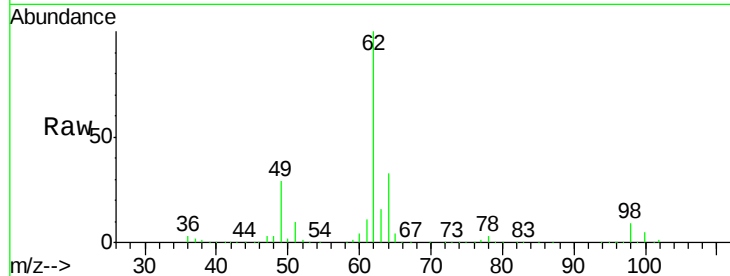
#42
 1,2-Dichloroethane
 Concen: 144.89 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6

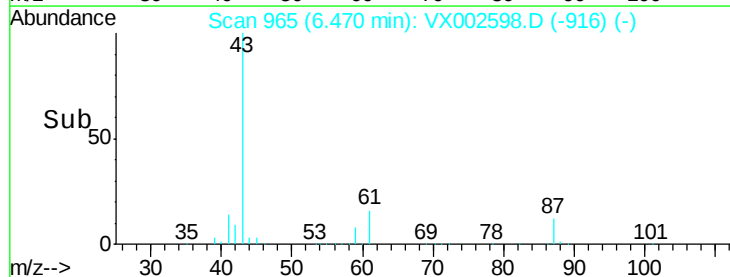
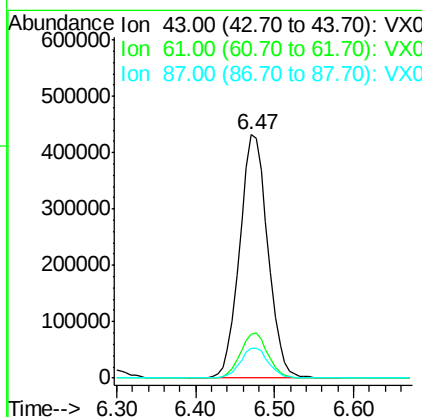
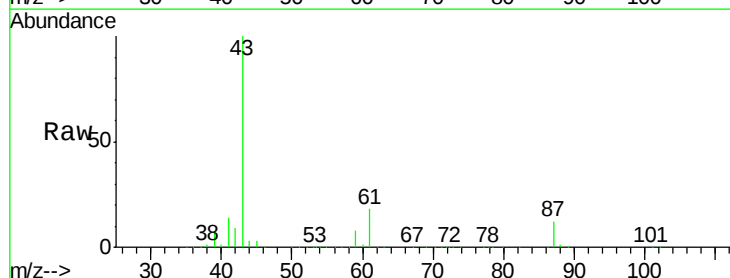
Manual Integrations
 APPROVED

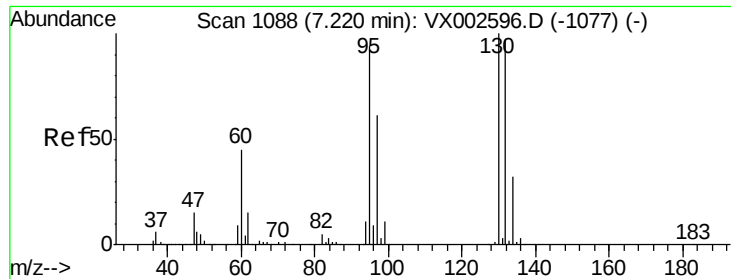
MMDadoda
 6/18/2018 5:12:00 PM



#43
 Isopropyl Acetate
 Concen: 148.67 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.4	9.5	14.3





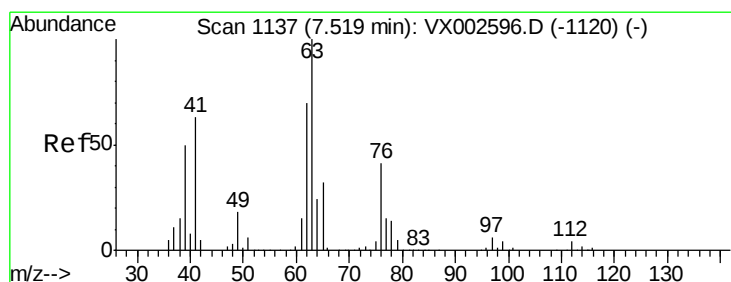
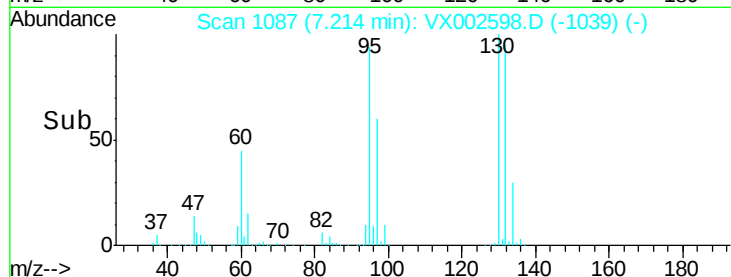
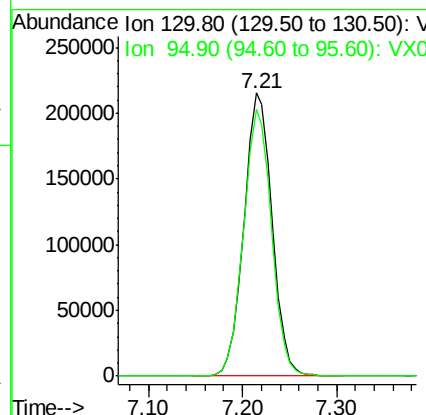
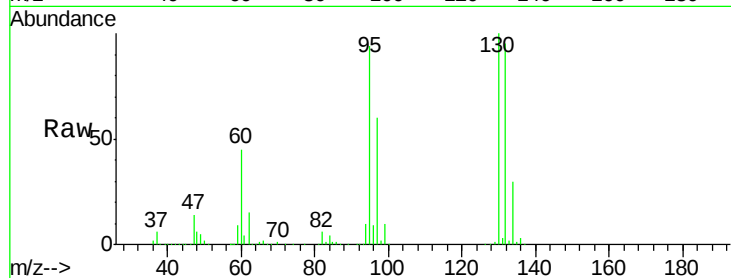
#44
 Trichloroethene
 Concen: 150.20 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		450282		
95	94.2	0.0	185.4		

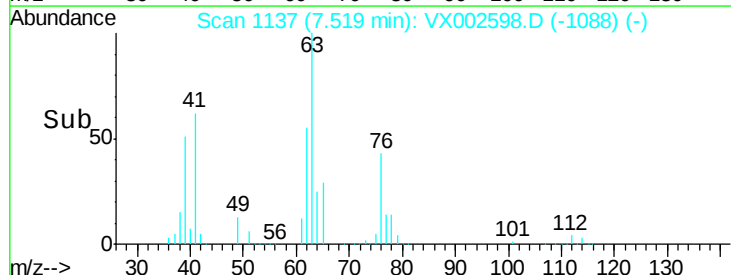
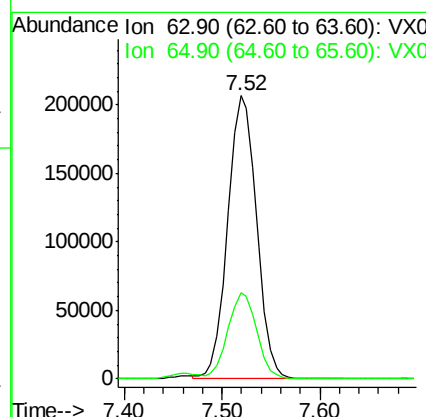
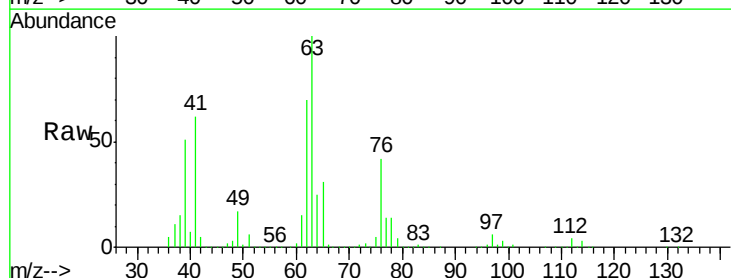
Manual Integrations
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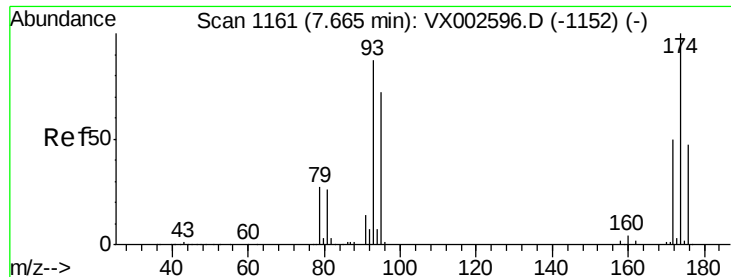
MMDadoda
 6/18/2018 5:12:00 PM



#45
 1,2-Dichloropropane
 Concen: 144.64 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		421783		
65	30.7	24.7	37.1		





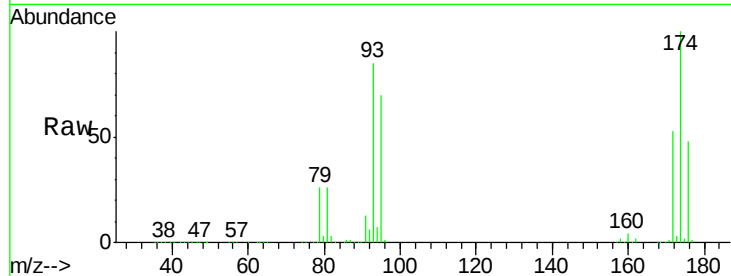
#46
Dibromomethane
Concen: 149.22 ug/l
RT: 7.67 min Scan# 1161
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

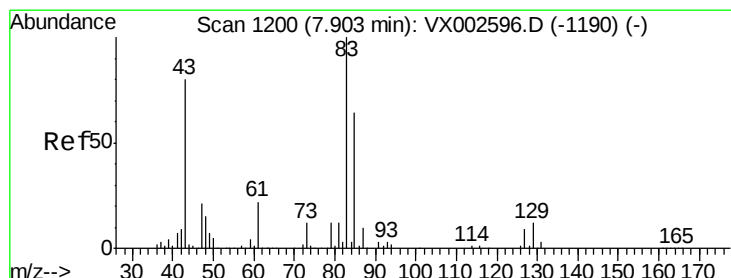
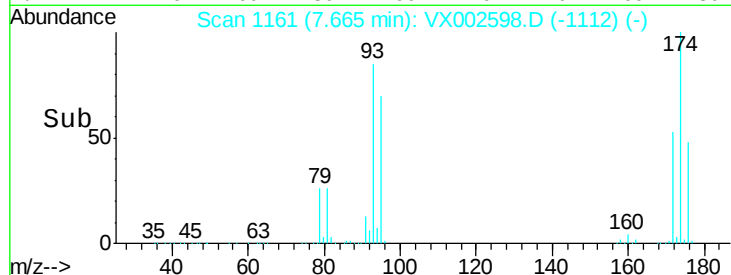
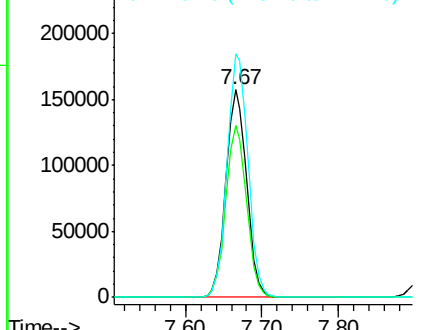
Tot Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.9	98.9
174	118.0	92.4	138.6

Manual Integrations
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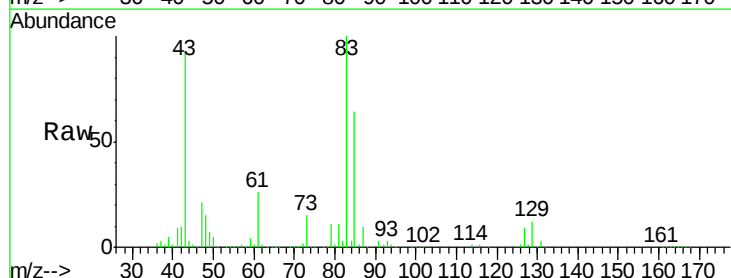


Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V

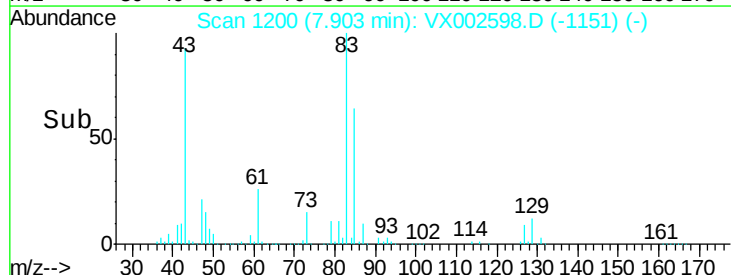
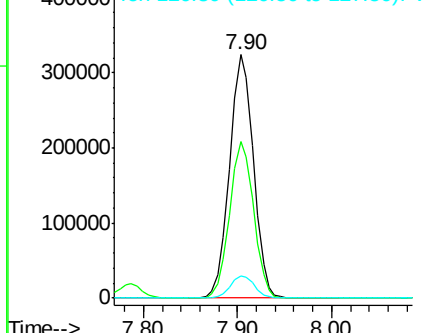


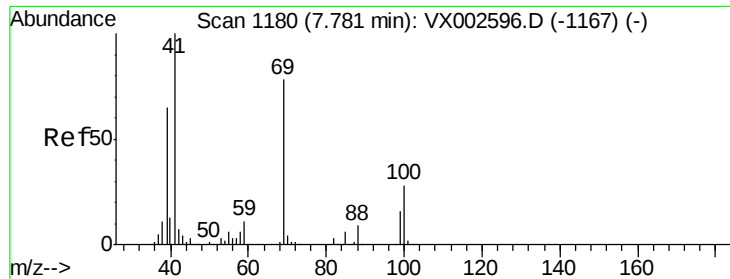
#47
Bromodichloromethane
Concen: 159.76 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.3	75.5
127	9.0	7.0	10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V





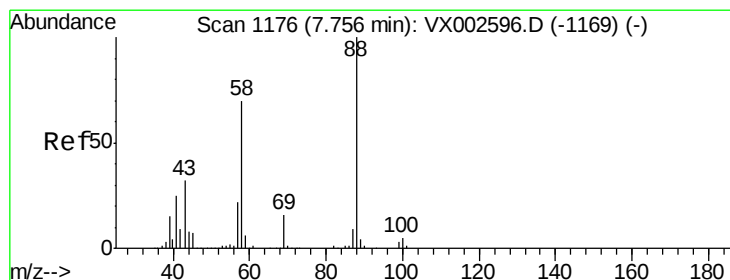
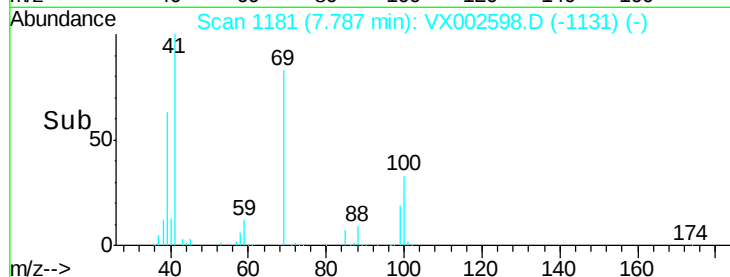
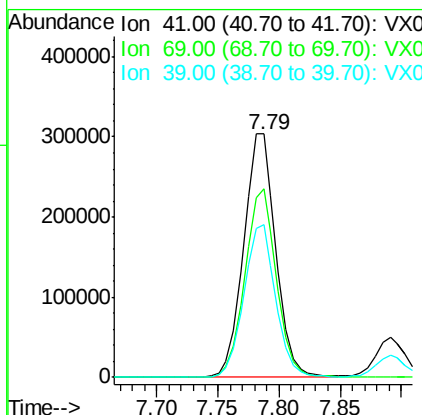
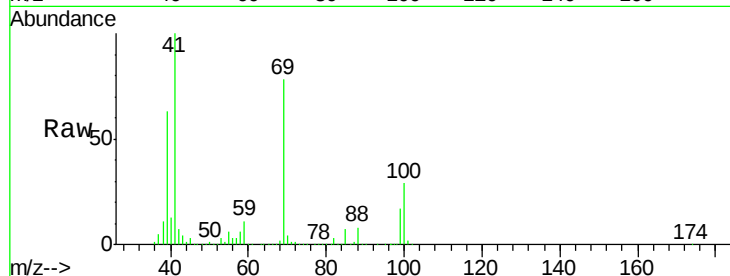
#48
Methvl methacrylate
Concen: 153.08 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
69	76.3	59.1	88.7	
39	61.7	48.9	73.3	

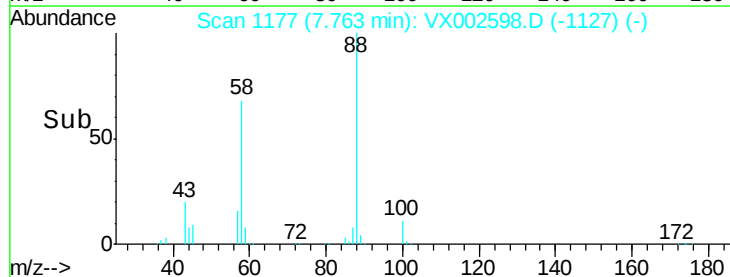
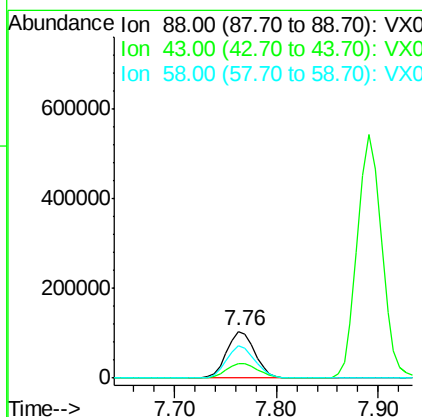
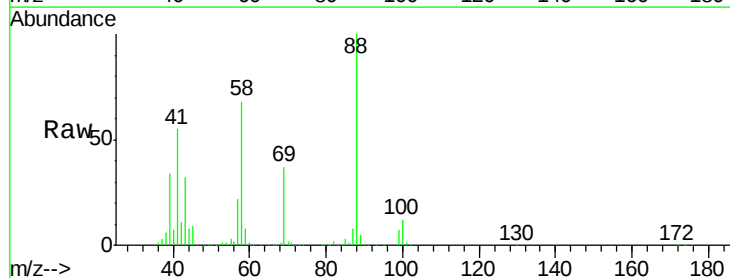
Manual Integrations
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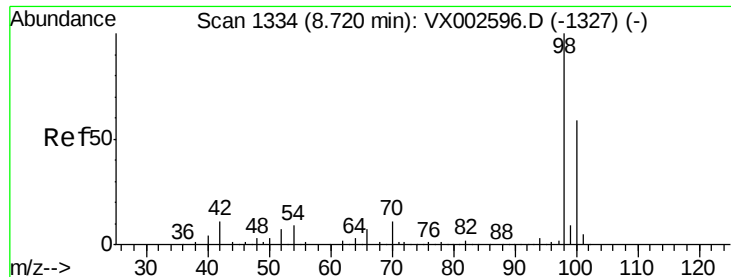
MMDadoda
6/18/2018 5:12:00 PM



#49
1,4-Dioxane
Concen: 2953.04 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.8	29.8	44.6	
58	69.7	57.1	85.7	





#50

Toluene-d8

Concen: 151.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tot Ion: 98 Resp: 1535177

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3

Instrument :

MSVOA_X

ClientSampleId :

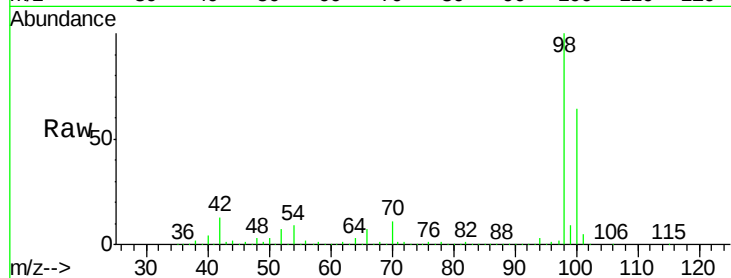
VSTDIC150

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

1000000

800000

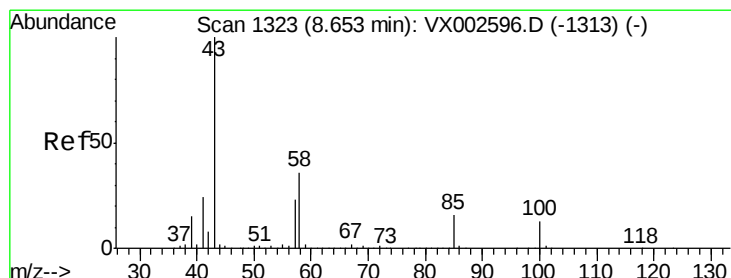
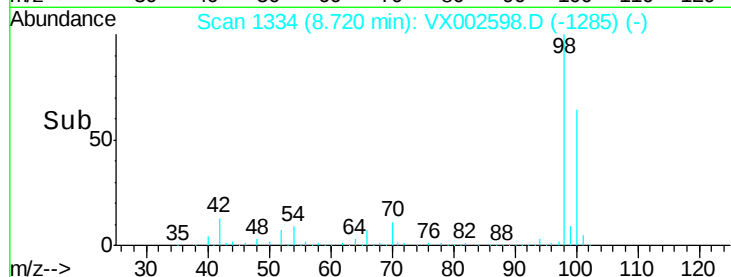
600000

400000

200000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 778.37 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002598.D

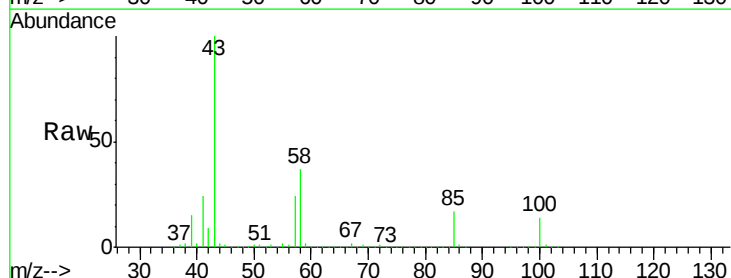
Acq: 15 Jun 2018 13:47

Tgt Ion: 43 Resp: 3488167

Ion Ratio Lower Upper

43 100

58 36.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

2500000

2000000

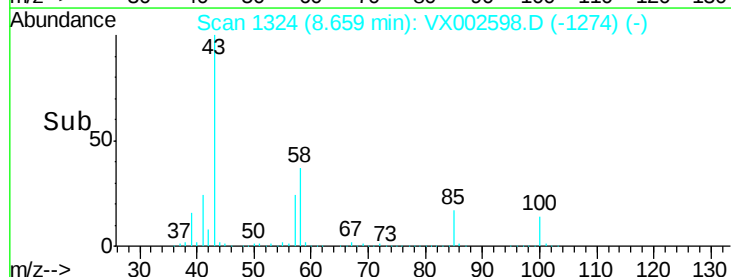
1500000

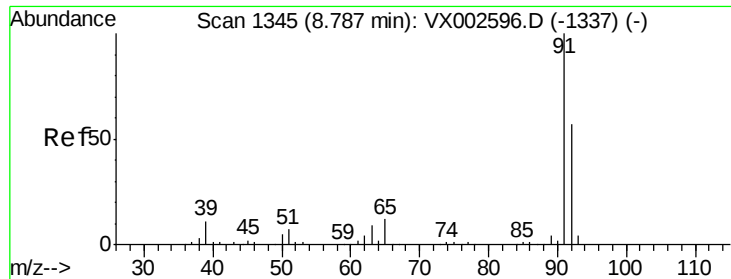
1000000

500000

0

Time-->





#52

Toluene

Concen: 152.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tot Ion: 92 Resp: 1047951

Ion Ratio Lower Upper

92 100

91 173.8 140.4 210.6

Instrument :

MSVOA_X

ClientSampled :

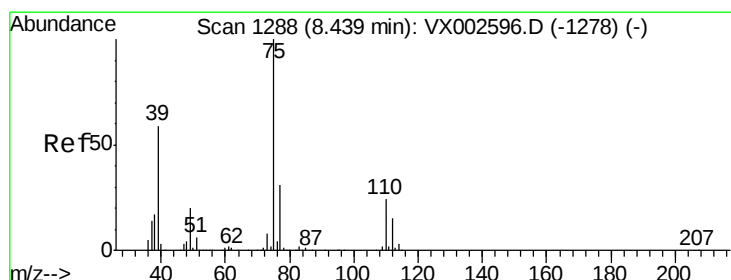
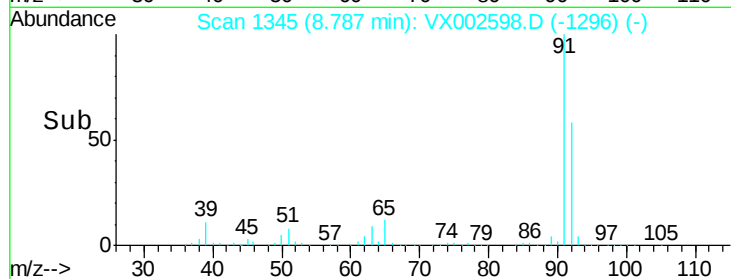
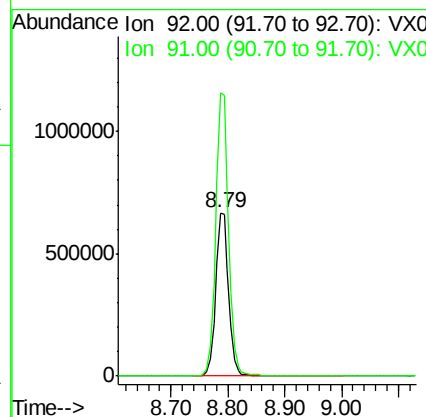
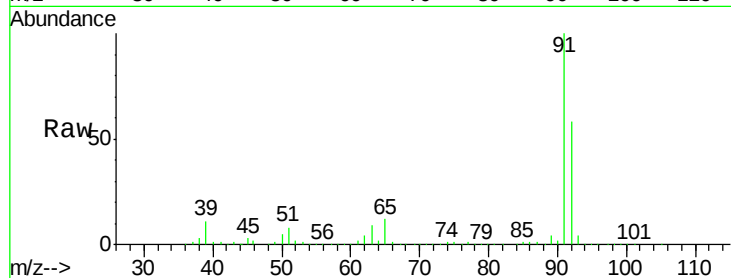
VSTDIC150

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 161.49 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002598.D

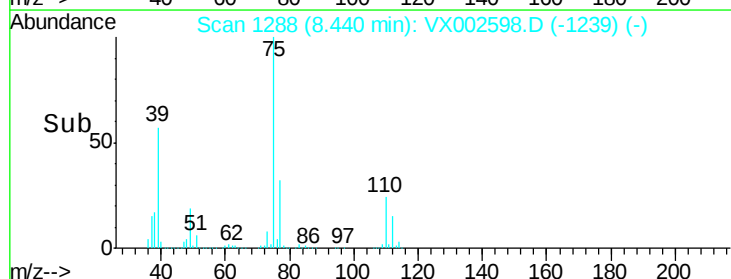
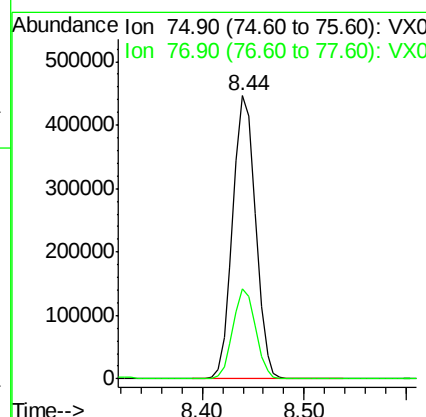
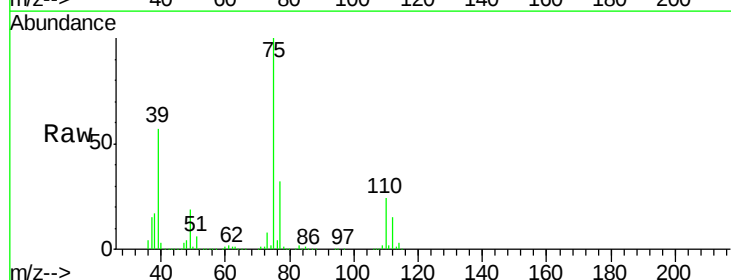
Acq: 15 Jun 2018 13:47

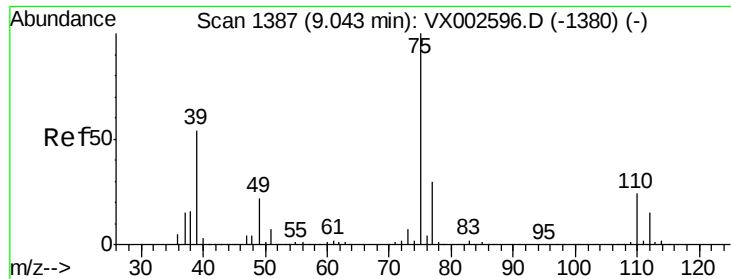
Tgt Ion: 75 Resp: 692389

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2





#54

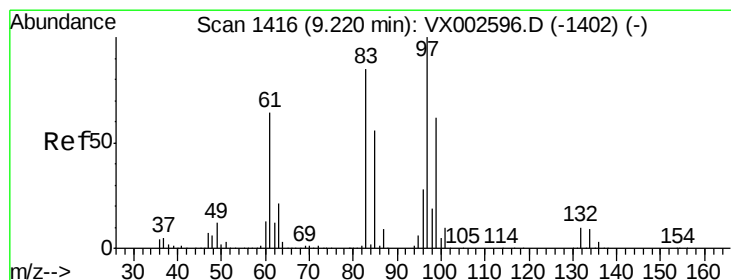
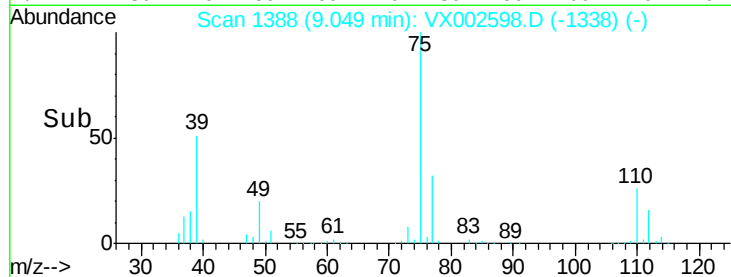
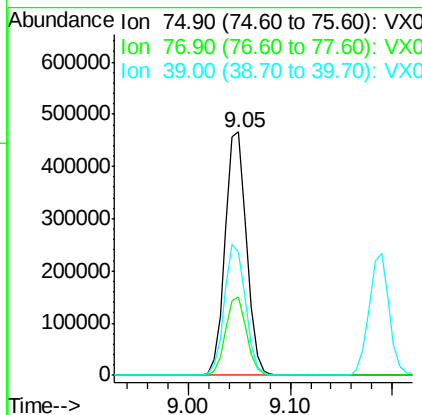
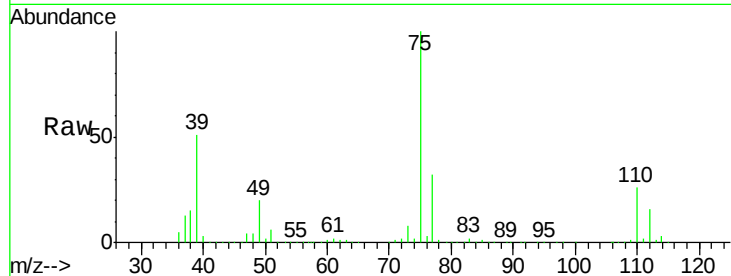
cis-1,3-Dichloropropene
Concen: 166.16 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	50.7	42.4	63.6

Manual Integrations
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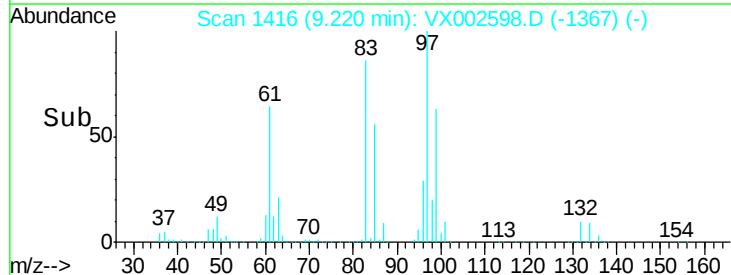
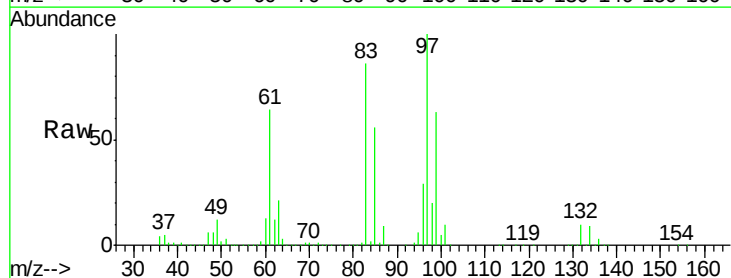
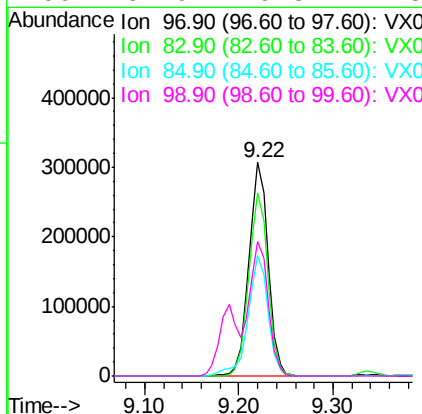
MMDadoda
6/18/2018 5:12:00 PM

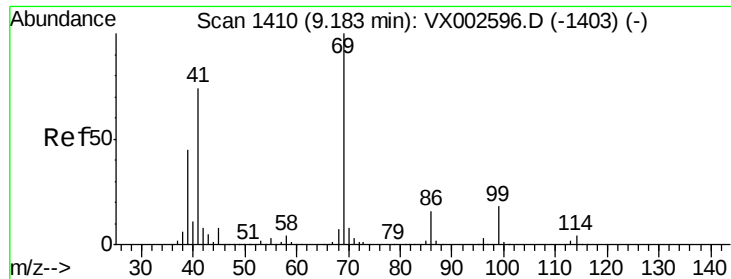


#55

1,1,2-Trichloroethane
Concen: 155.88 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.5	70.2	105.2
85	56.1	44.9	67.3
99	62.9	49.8	74.8





#56

Ethyl methacrylate

Concen: 161.23 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

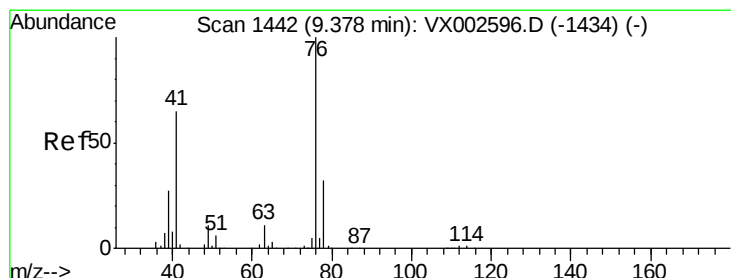
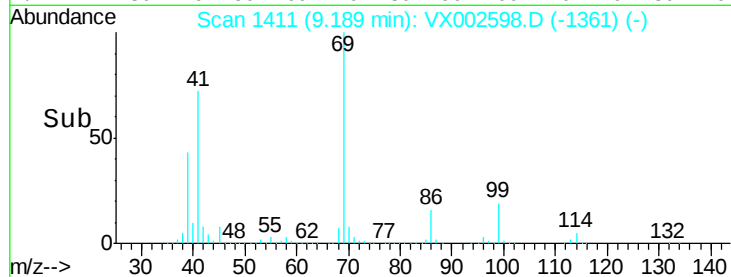
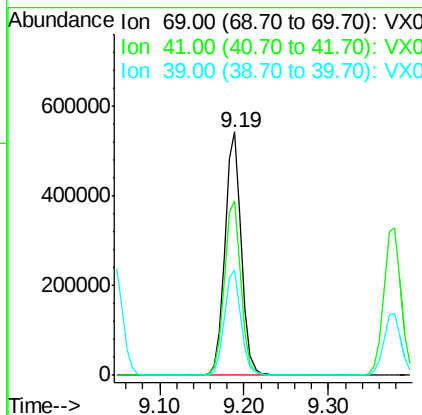
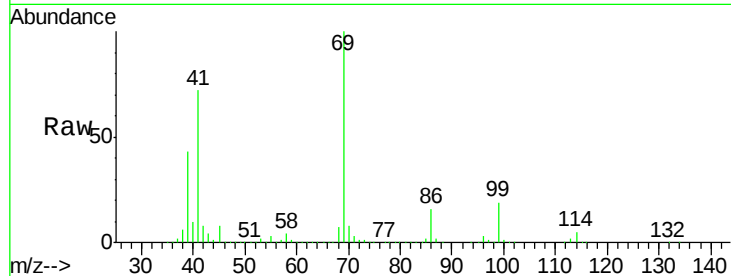
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	727344
Ion Ratio	Lower	Upper	
69	100		
41	73.1	60.3	90.5
39	43.9	35.8	53.8

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 152.57 ug/l

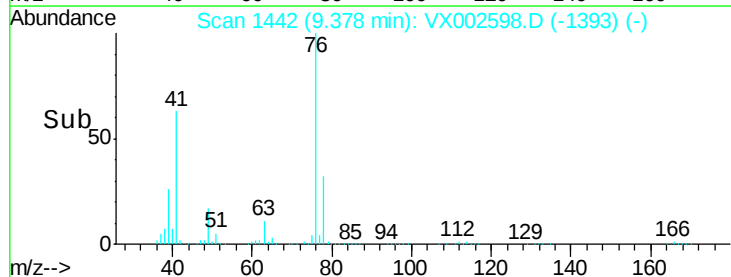
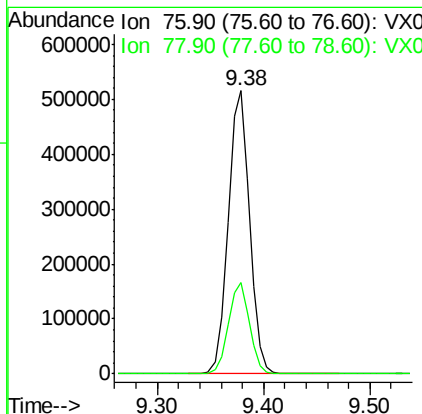
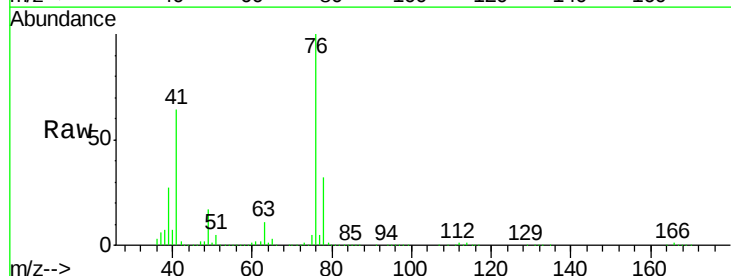
RT: 9.38 min Scan# 1442

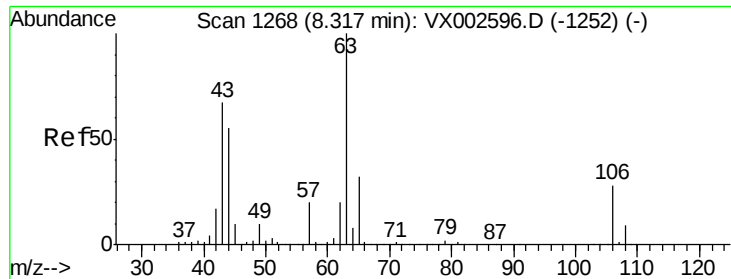
Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	76	Resp:	723273
Ion Ratio	Lower	Upper	
76	100		
78	32.0	25.8	38.6





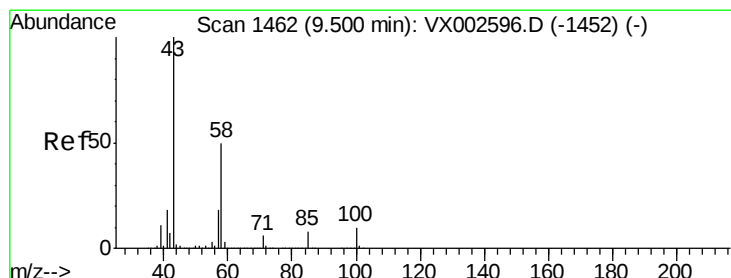
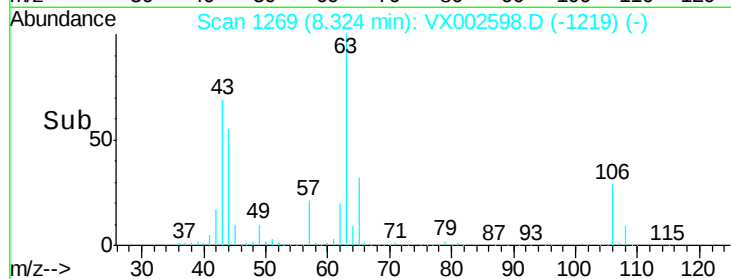
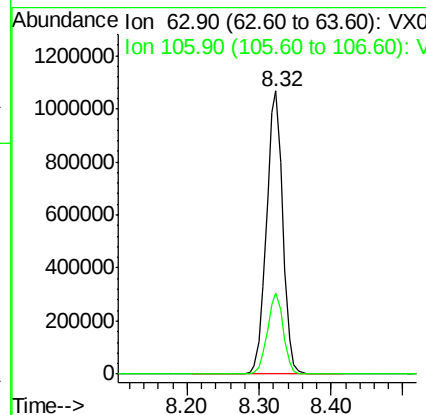
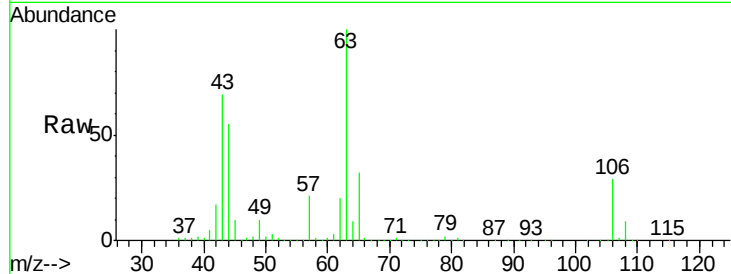
#58
2-Chloroethyl Vinyl ether
Concen: 806.33 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 1683598
Ion Ratio Lower Upper
63 100
106 28.1 21.8 32.8

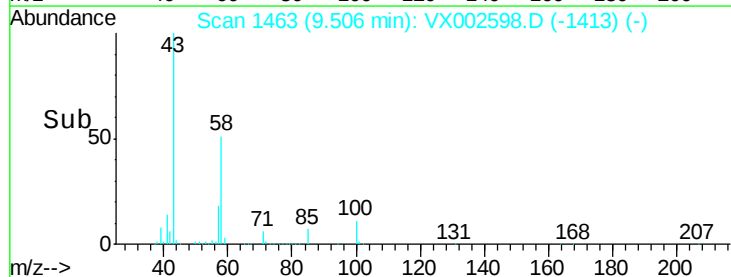
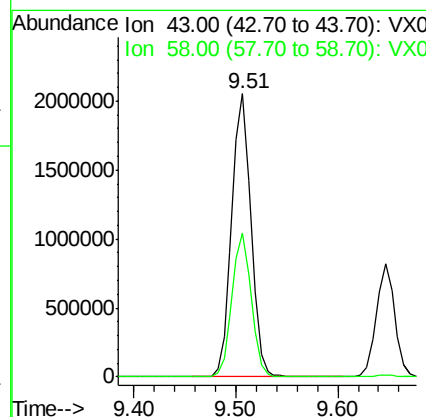
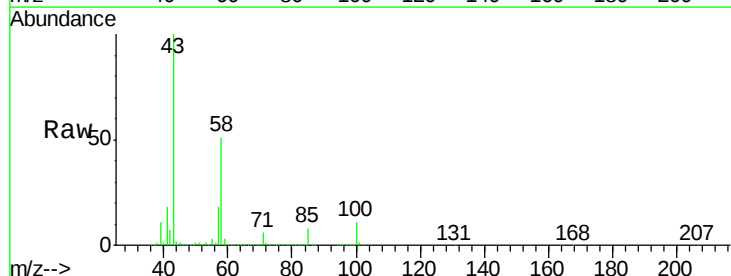
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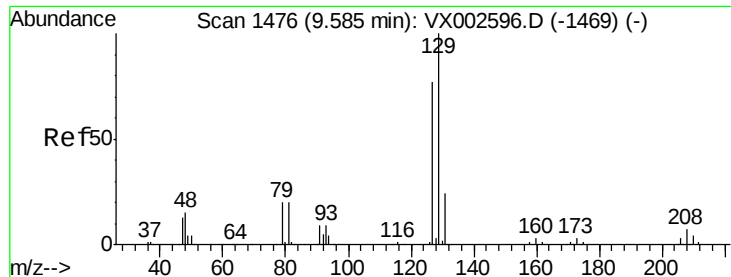
MMDadoda
6/18/2018 5:12:00 PM



#59
2-Hexanone
Concen: 774.82 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion: 43 Resp: 2682019
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6





#60

Dibromochloromethane

Concen: 177.27 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 503842

Ion Ratio Lower Upper

129 100

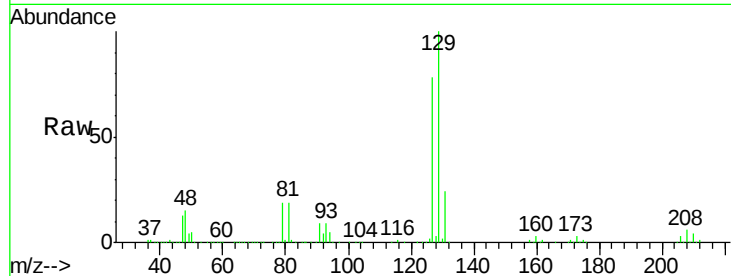
127 77.3 38.5 115.3

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

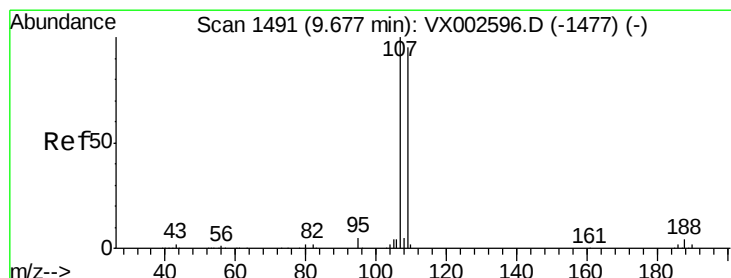
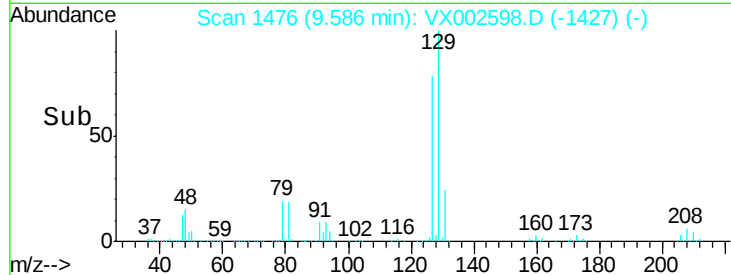
300000

200000

100000

0

Time-->



#61

1,2-Dibromoethane

Concen: 161.32 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002598.D

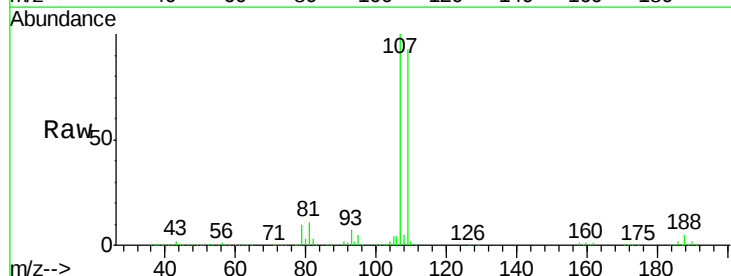
Acq: 15 Jun 2018 13:47

Tgt Ion:107 Resp: 475288

Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

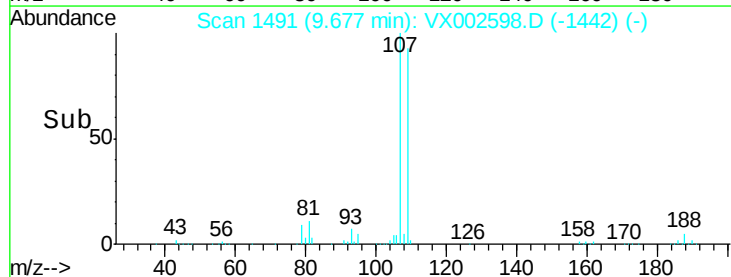
300000

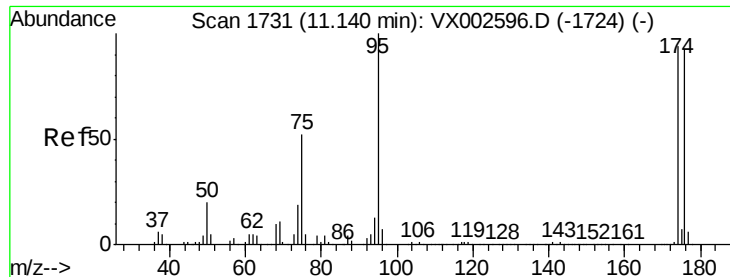
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 161.20 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

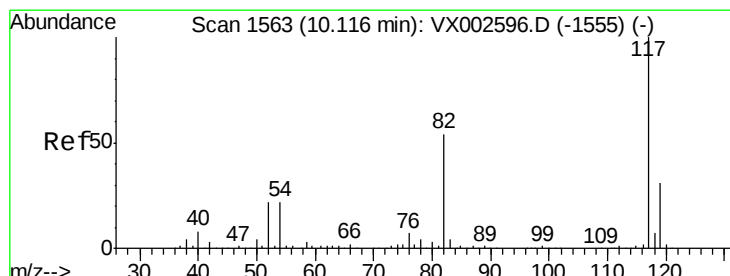
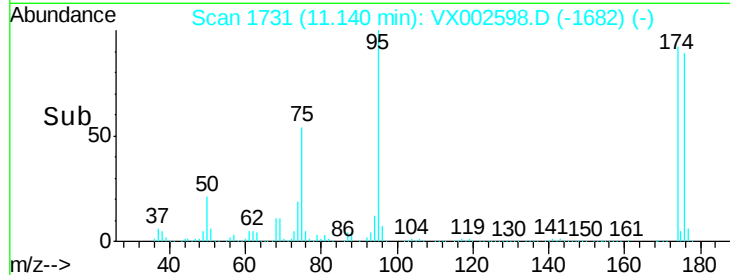
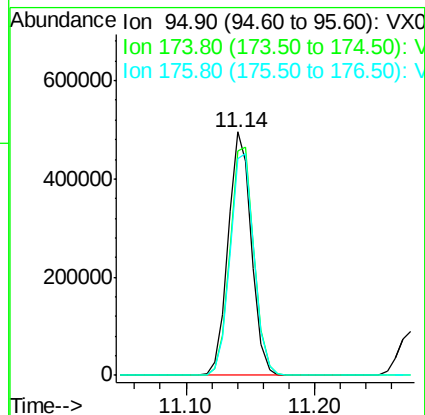
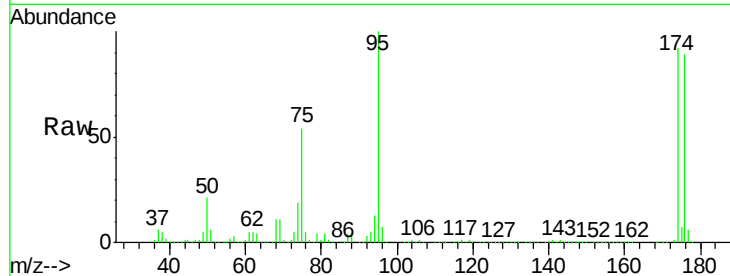
ClientSampleId :

VSTDIC150

Tot Ion:	95	Resp:	627894
Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	187.4
176	94.1	0.0	181.0

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

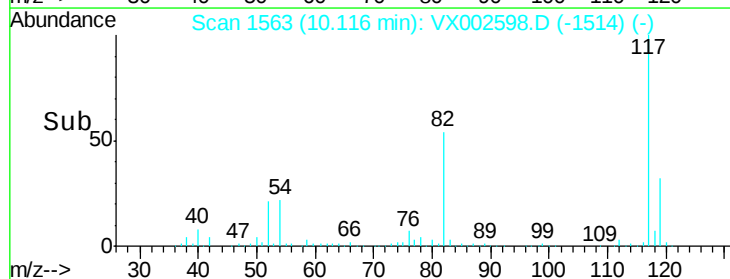
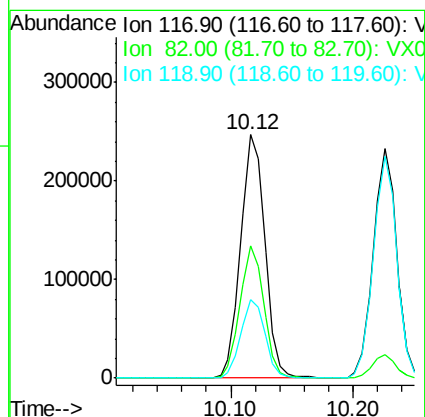
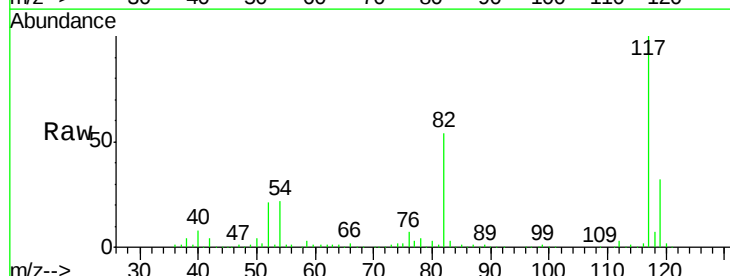
RT: 10.12 min Scan# 1563

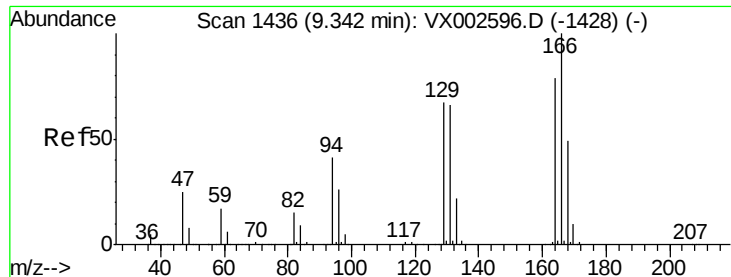
Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	117	Resp:	338396
Ion	Ratio	Lower	Upper
117	100		
82	54.2	45.0	67.4
119	32.3	25.8	38.6





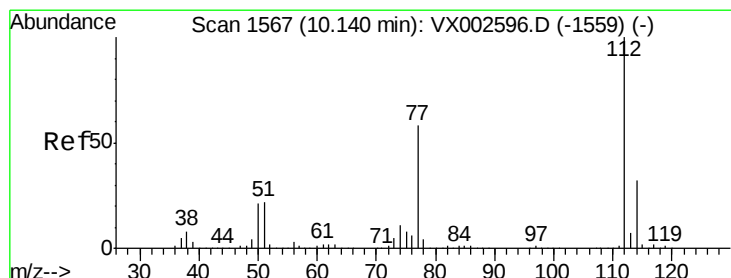
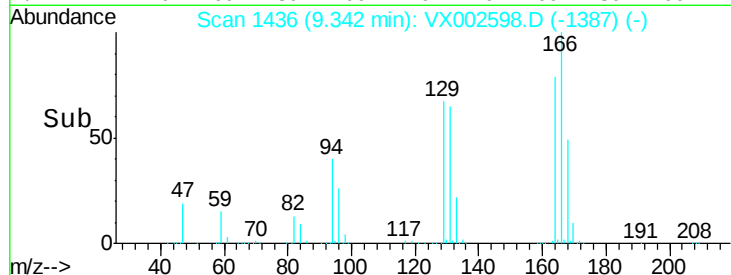
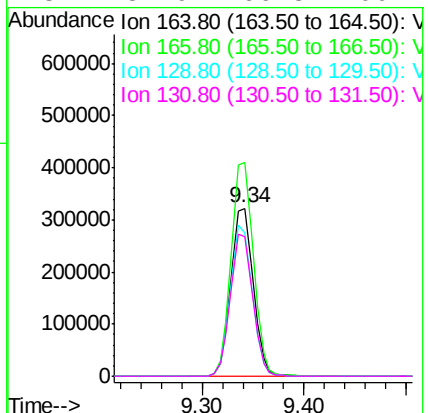
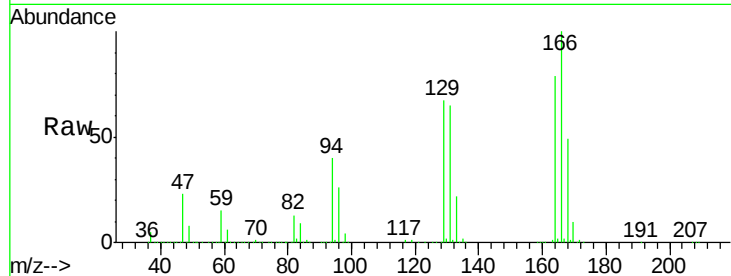
#64
Tetrachloroethene
Concen: 139.61 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	85.6	68.6	102.8
131	82.9	66.8	100.2

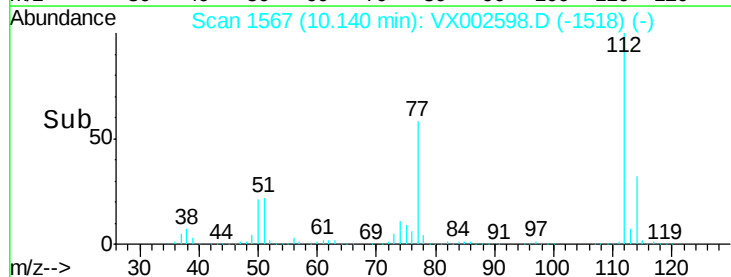
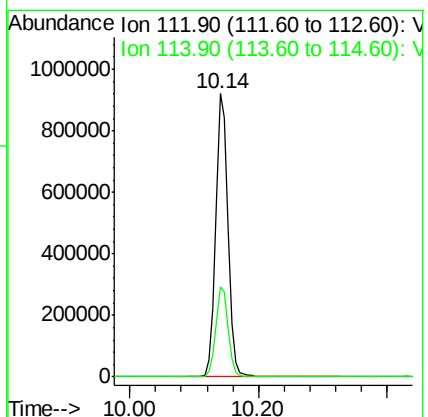
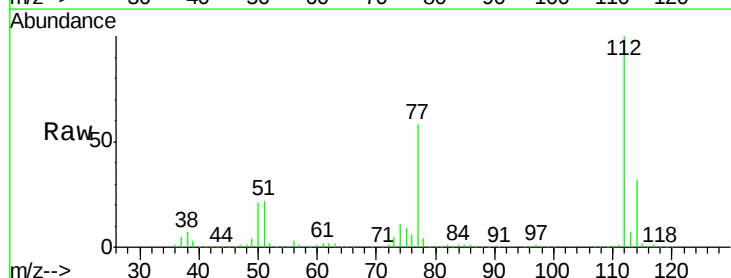
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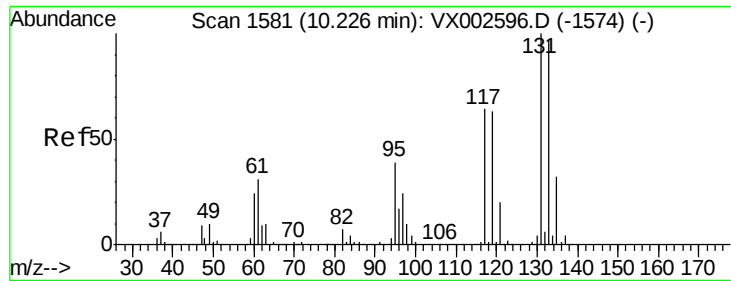
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#65
Chlorobenzene
Concen: 146.84 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.3	37.9





#66

1,1,1,2-Tetrachloroethane

Concen: 155.57 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:131 Resp: 474329

Ion Ratio Lower Upper

131 100

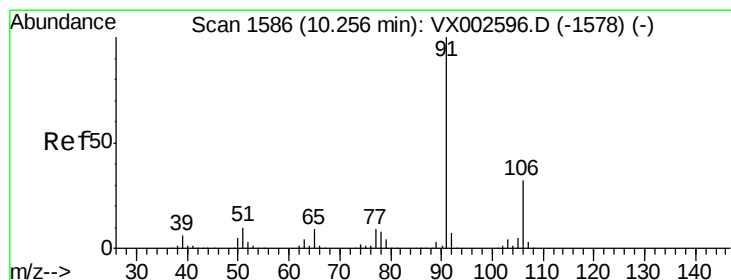
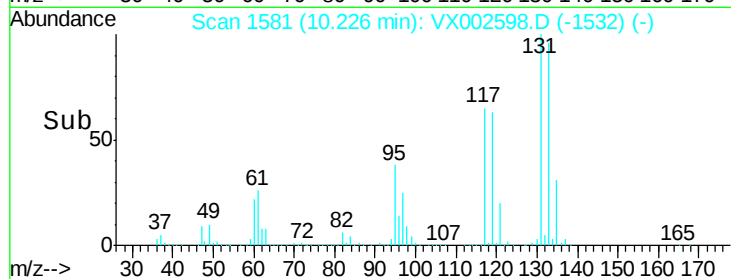
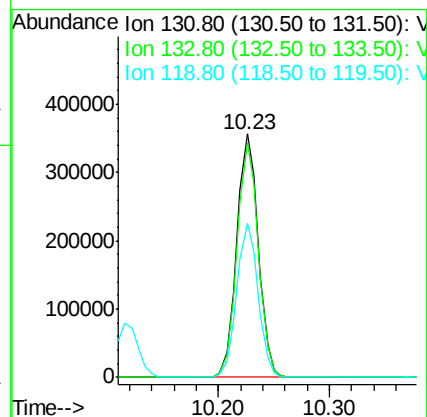
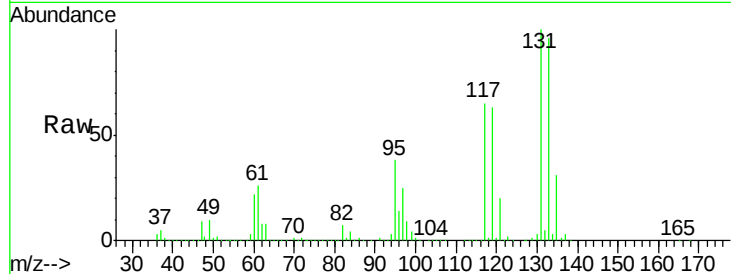
133 95.6 47.9 143.6

119 63.3 31.8 95.3

Manual Integrations
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#67

Ethyl Benzene

Concen: 146.15 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002598.D

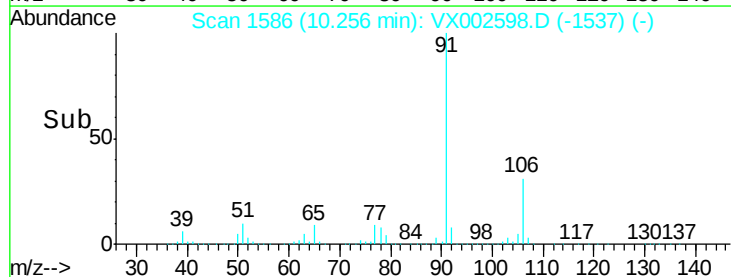
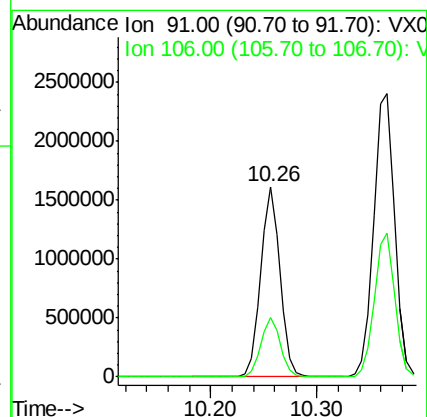
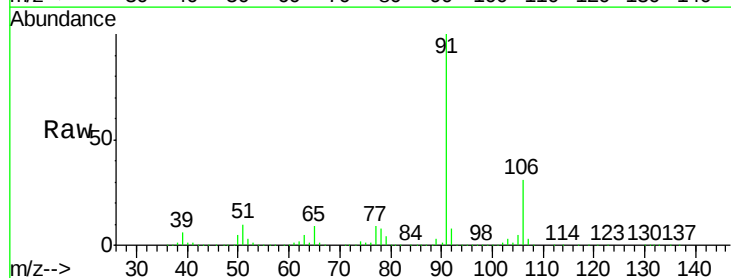
Acq: 15 Jun 2018 13:47

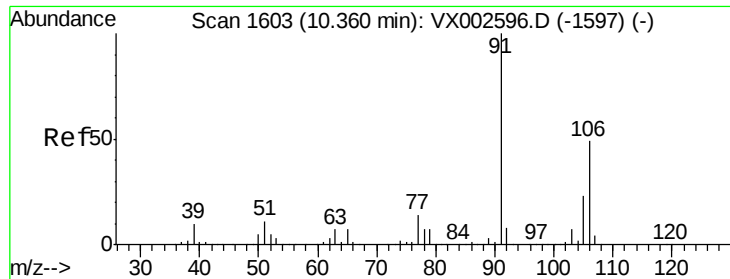
Tgt Ion: 91 Resp: 2059422

Ion Ratio Lower Upper

91 100

106 31.5 25.5 38.3





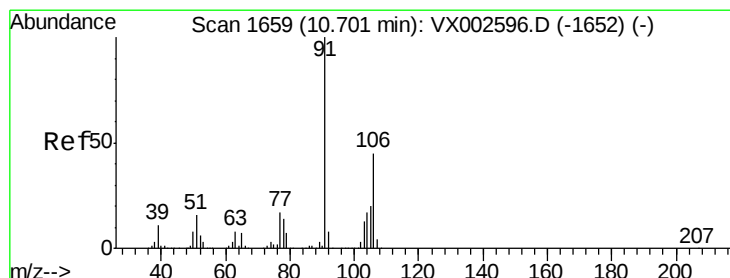
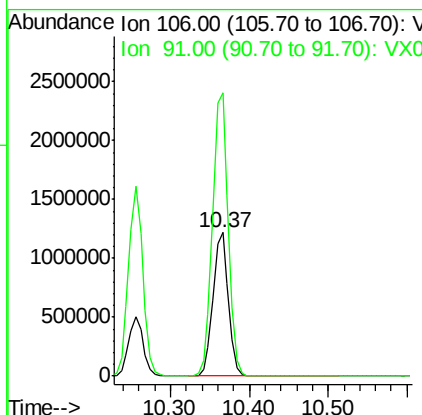
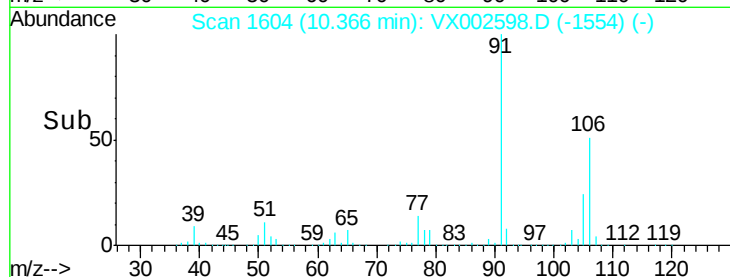
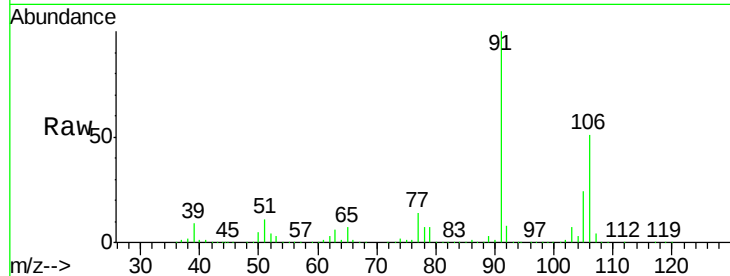
#68
m/p-Xylenes
Concen: 300.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 1644311
Ion Ratio Lower Upper
106 100
91 201.7 163.4 245.2

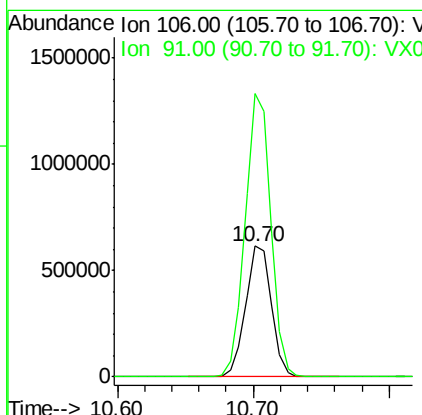
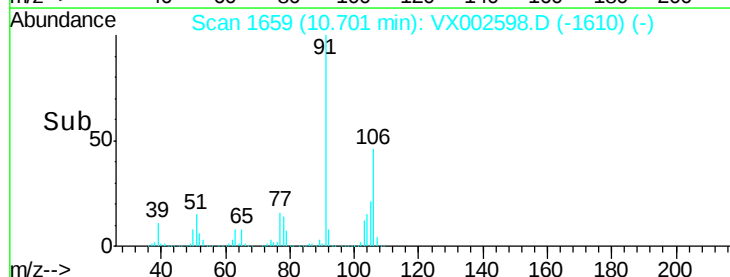
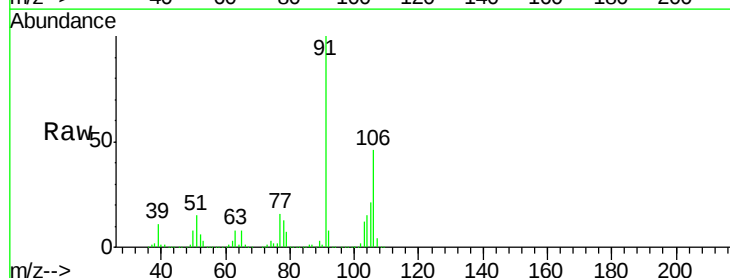
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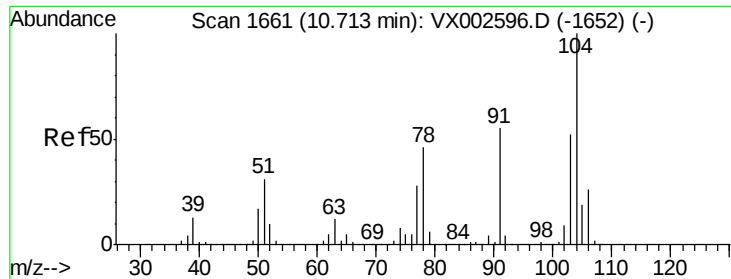
MMDadoda
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#69
o-Xylene
Concen: 150.03 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion:106 Resp: 817851
Ion Ratio Lower Upper
106 100
91 214.5 108.2 324.6





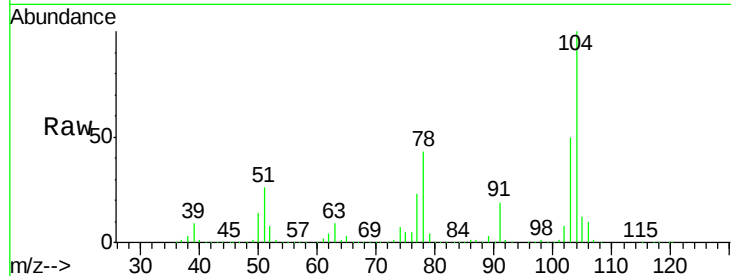
#70
Stvrene
Concen: 161.11 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

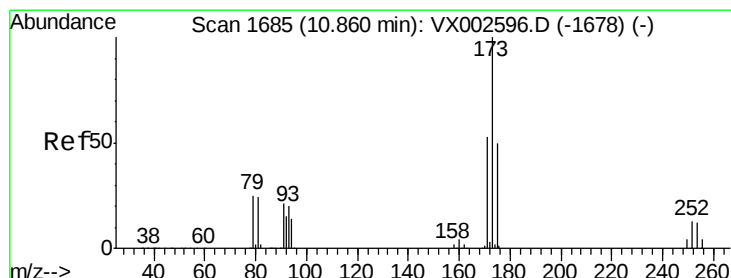
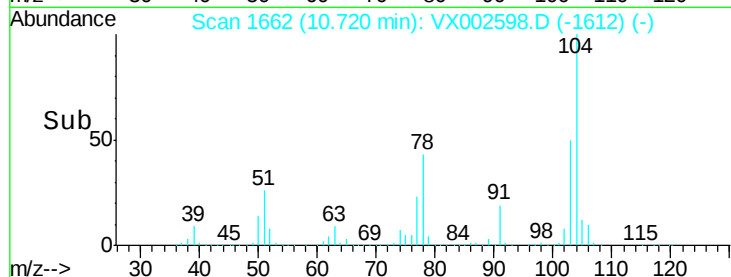
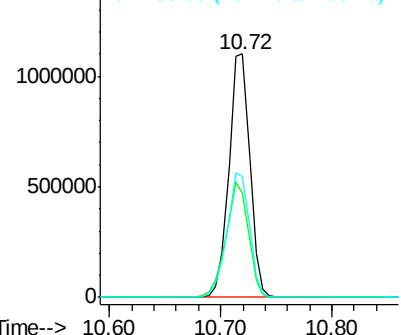
Tot Ion:104 Resp: 1435707
Ion Ratio Lower Upper
104 100
78 50.7 41.0 61.6
103 55.4 44.2 66.4

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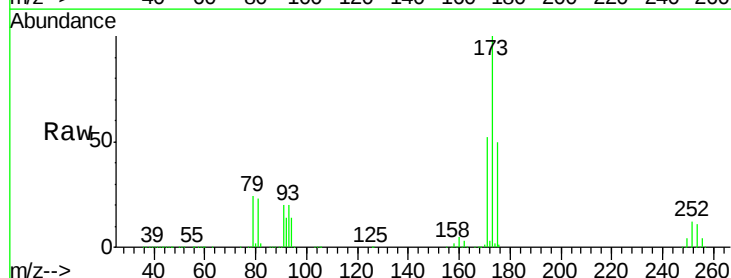


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

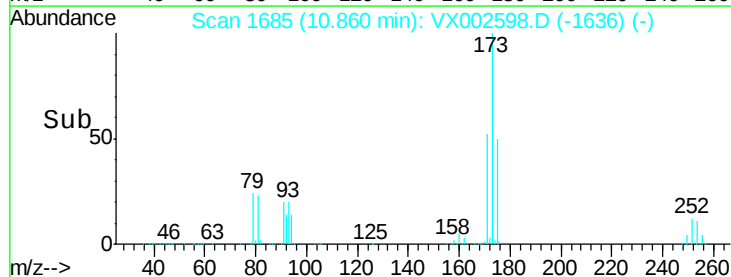
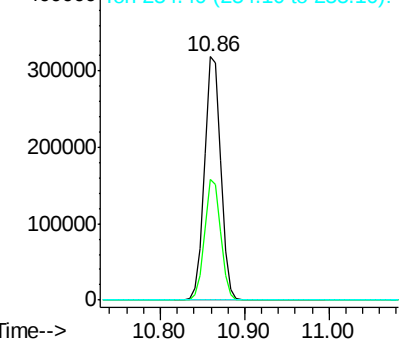


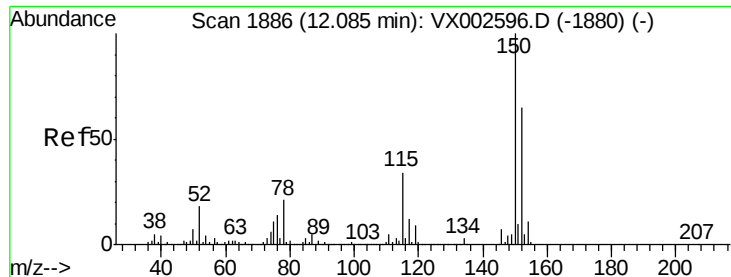
#71
Bromoform
Concen: 177.70 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion:173 Resp: 429523
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 224301

Ion Ratio Lower Upper

152 100

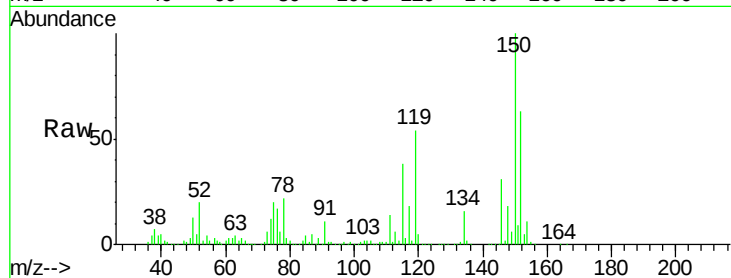
115 124.8 40.1 120.2#

150 210.1 0.0 347.2

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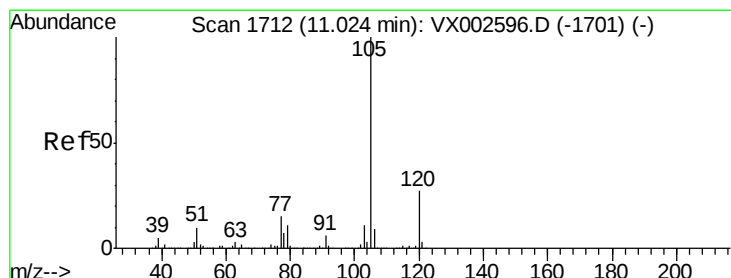
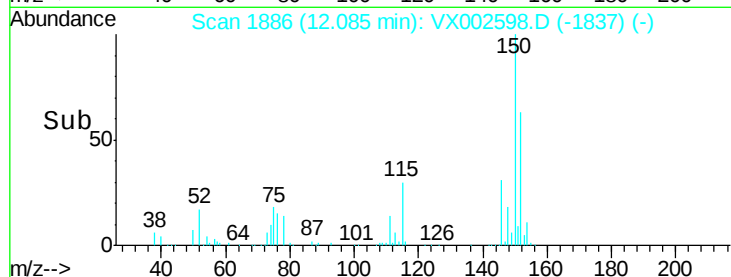
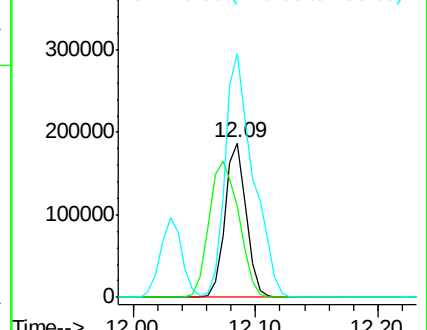
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 135.81 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002598.D

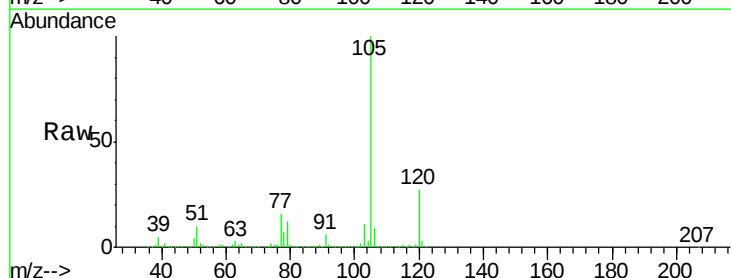
Acq: 15 Jun 2018 13:47

Tgt Ion:105 Resp: 2119149

Ion Ratio Lower Upper

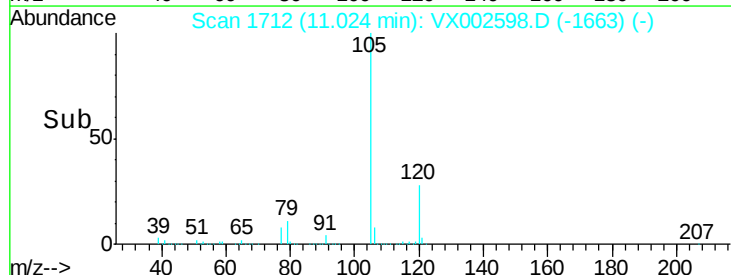
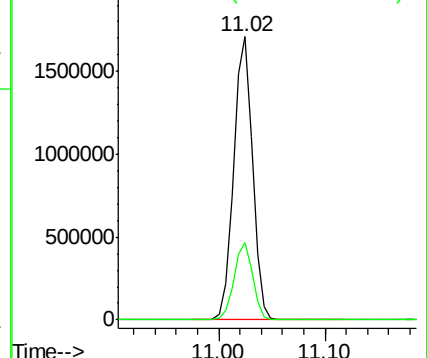
105 100

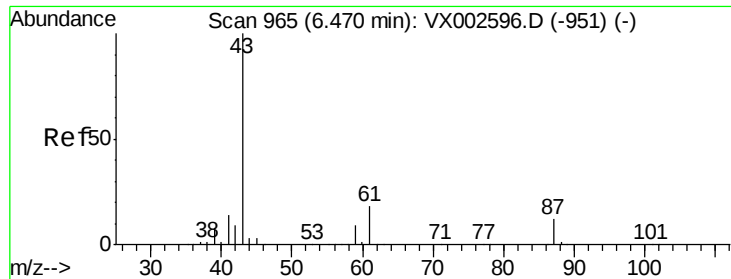
120 27.2 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 127.25 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1069843

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

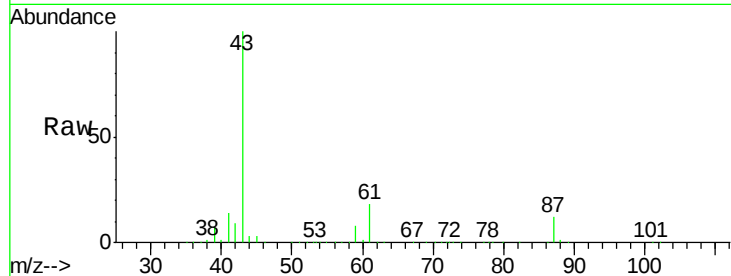
55 0.0 0.0 0.0#

61 18.3 14.4 21.6

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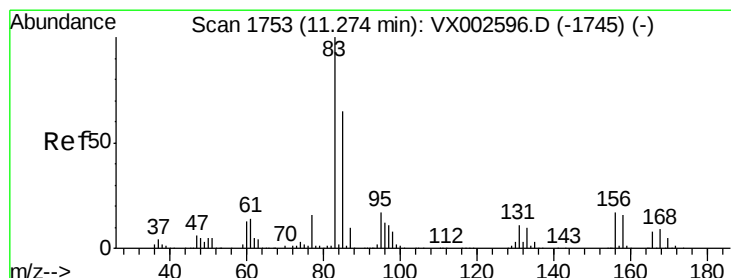
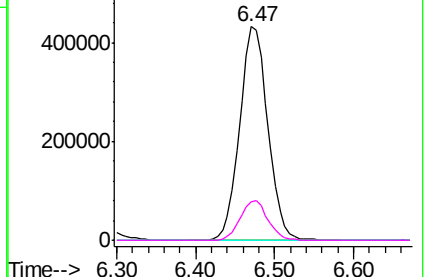
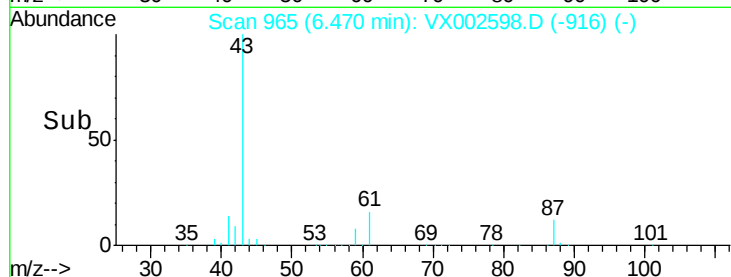


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 138.55 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

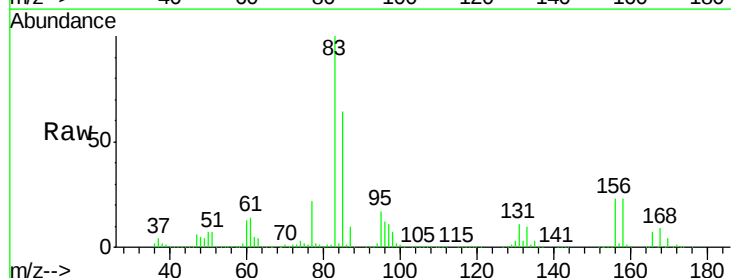
Tgt Ion: 83 Resp: 679917

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

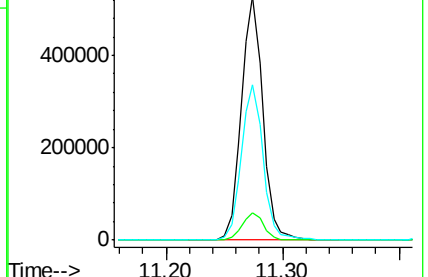
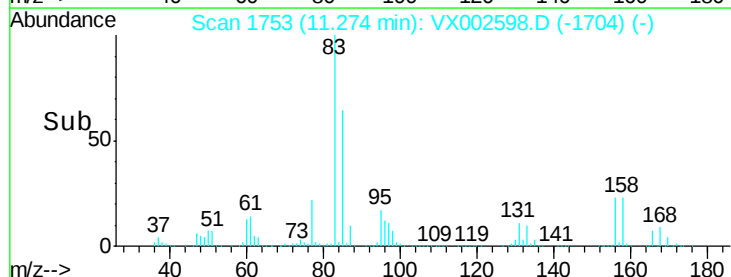
85 64.7 32.4 97.2

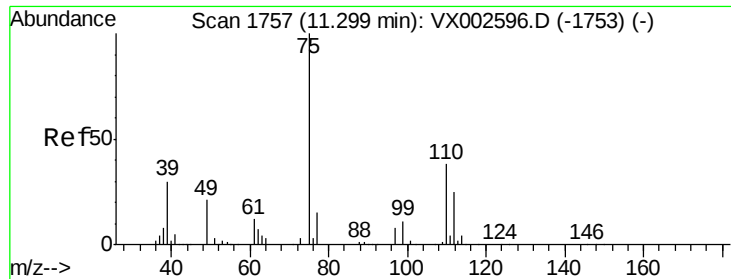


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 137.36 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 676043

Ion Ratio Lower Upper

75 100

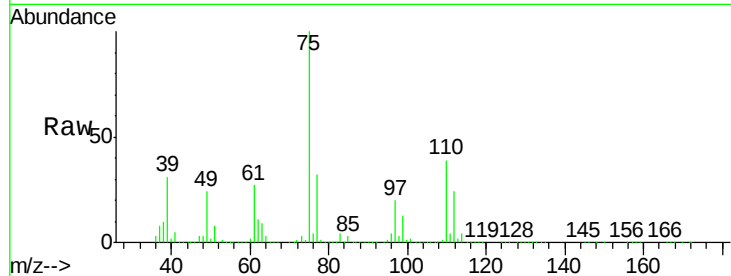
77 39.4 22.8 68.3

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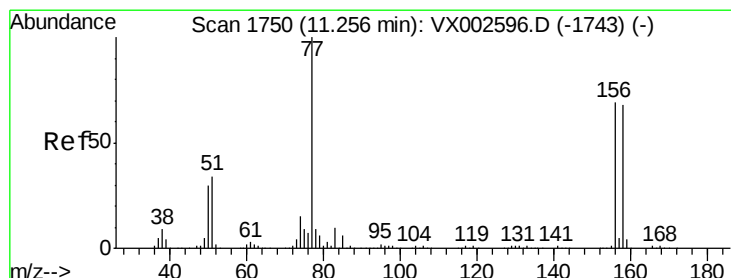
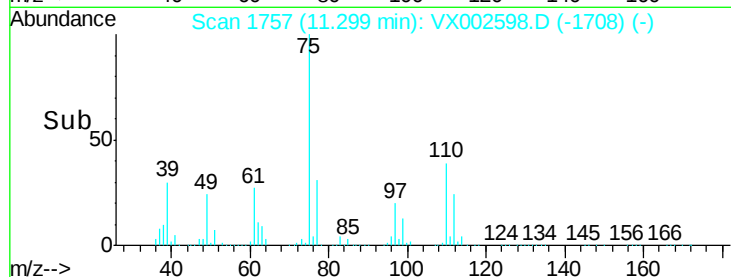
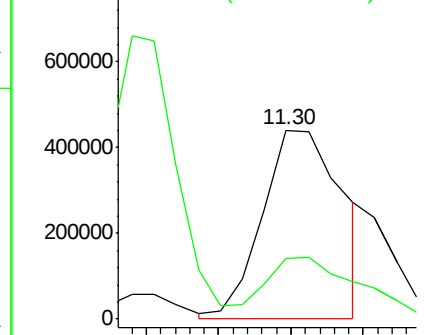
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 143.93 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

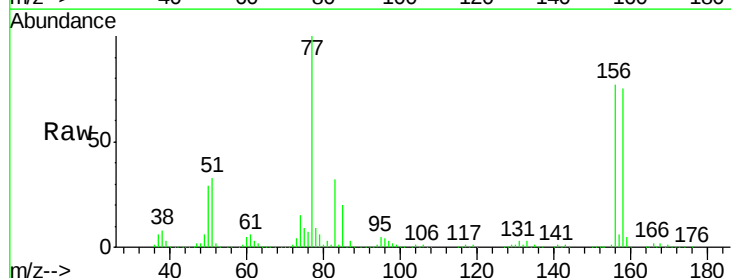
Tgt Ion: 156 Resp: 630500

Ion Ratio Lower Upper

156 100

77 138.2 71.4 214.2

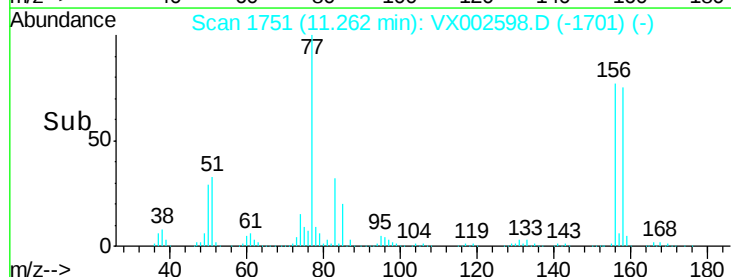
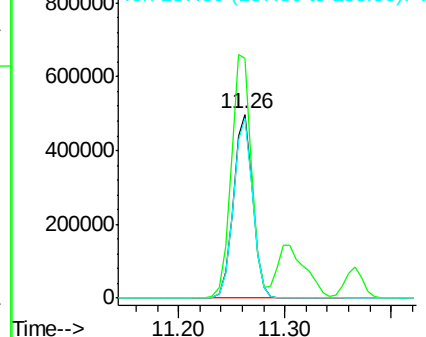
158 98.3 48.9 146.6

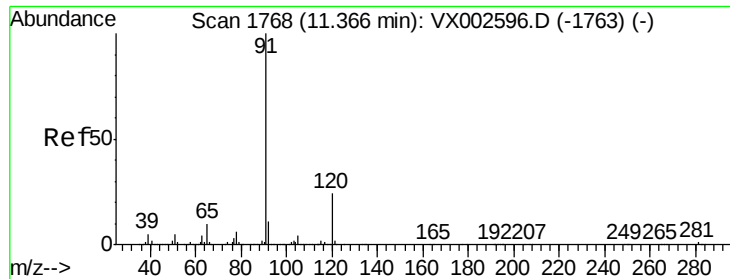


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 141.33 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 2451061

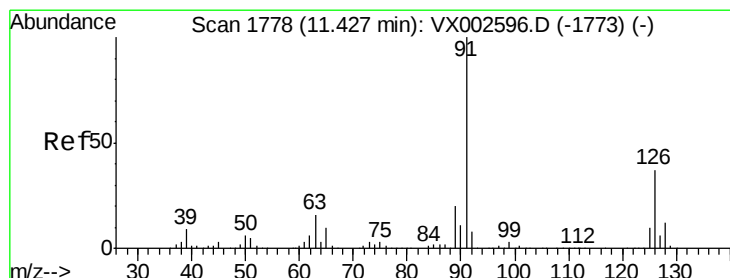
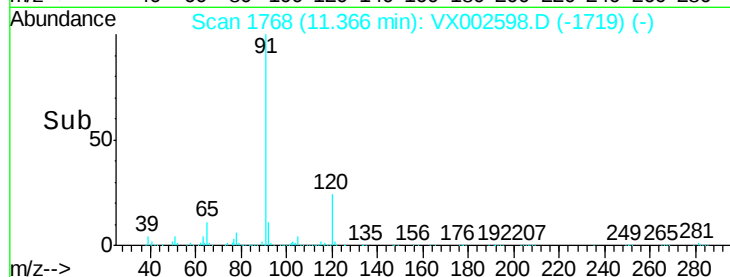
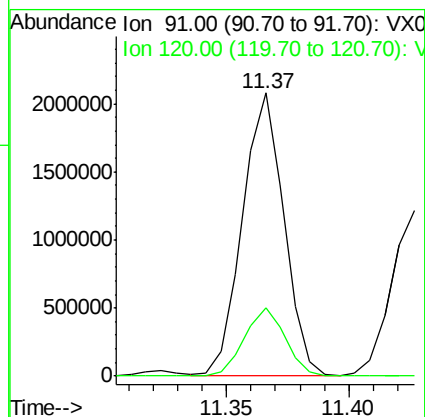
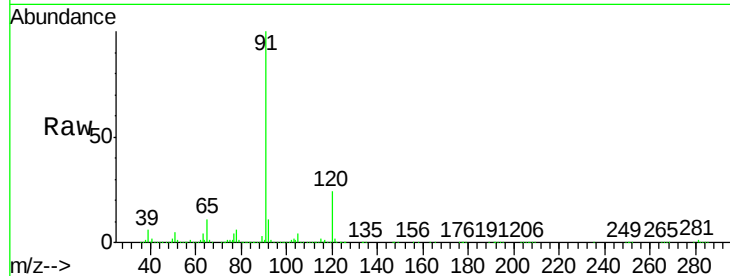
Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

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#79

2-Chlorotoluene

Concen: 137.15 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002598.D

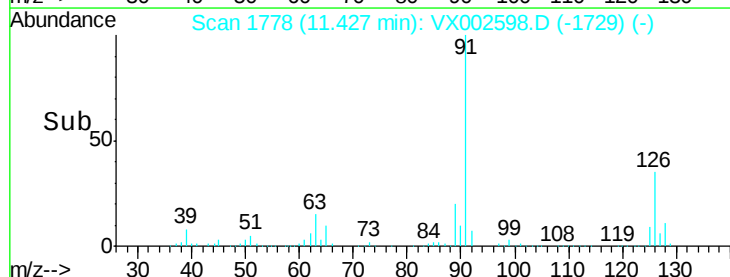
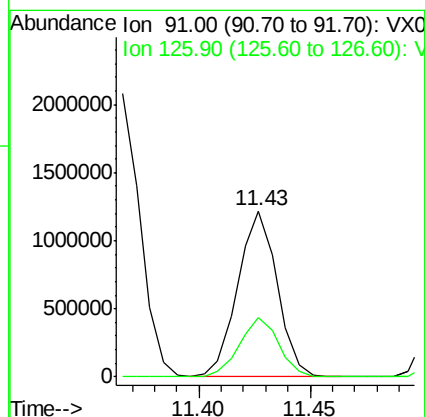
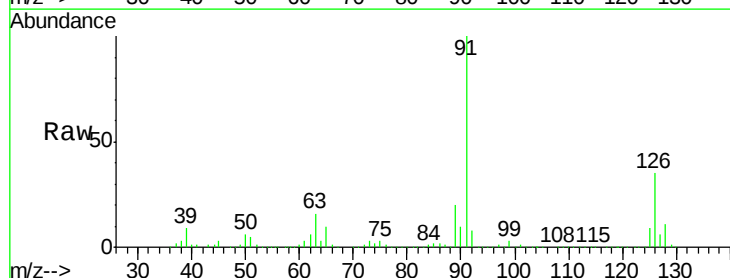
Acq: 15 Jun 2018 13:47

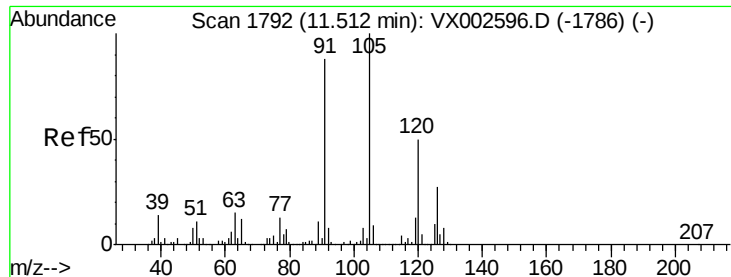
Tgt Ion: 91 Resp: 1501875

Ion Ratio Lower Upper

91 100

126 35.6 17.7 53.1





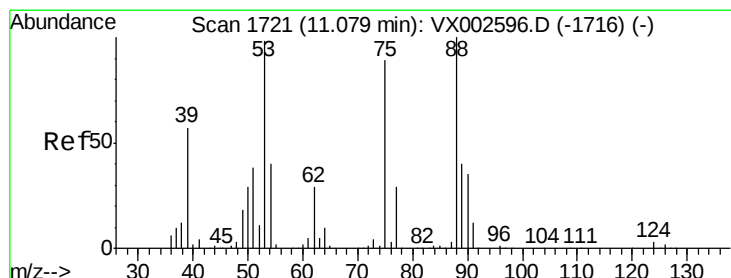
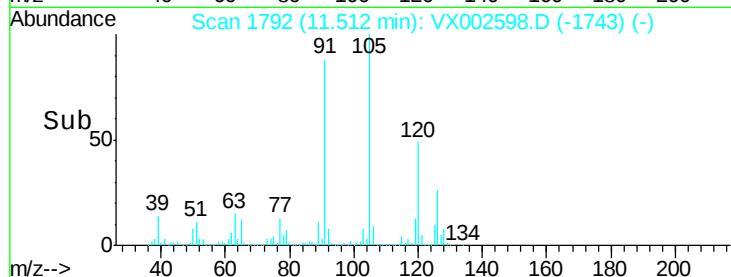
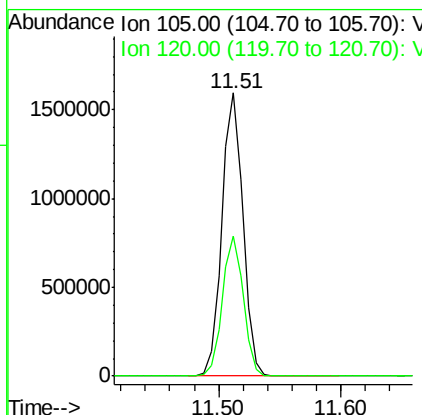
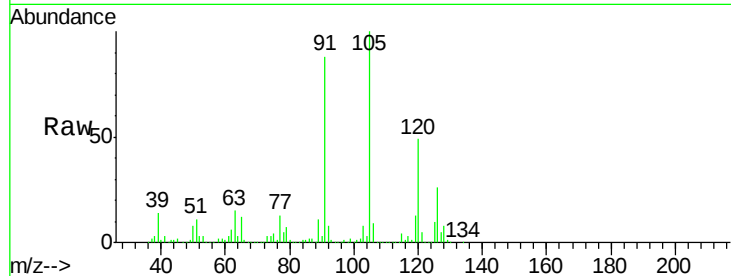
#80
 1,3,5-Trimethylbenzene
 Concen: 141.71 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1896519
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.4 73.4

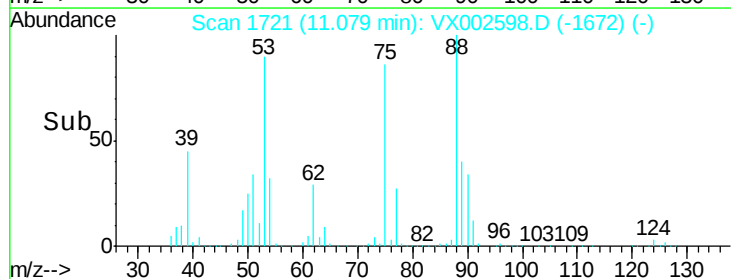
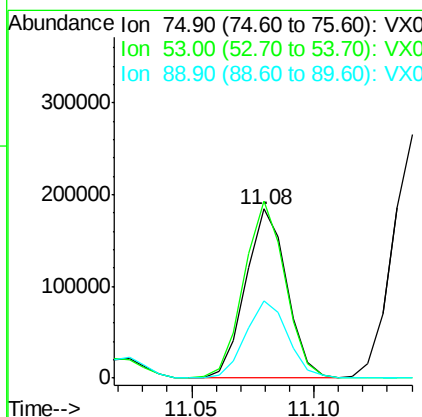
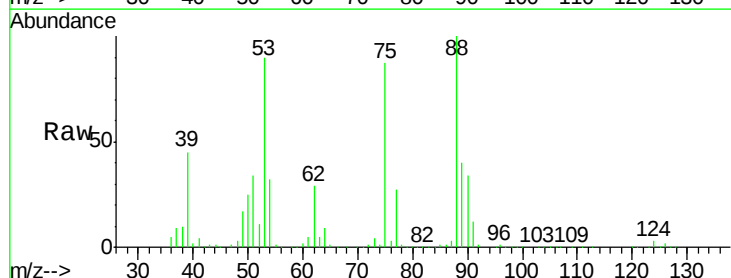
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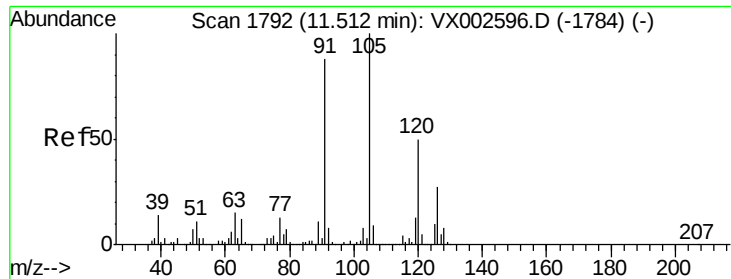
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 154.46 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion: 75 Resp: 216873
 Ion Ratio Lower Upper
 75 100
 53 104.0 86.8 130.2
 89 46.9 38.2 57.2





#82

4-Chlorotoluene

Concen: 145.66 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.01 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1841183

Ion Ratio Lower Upper

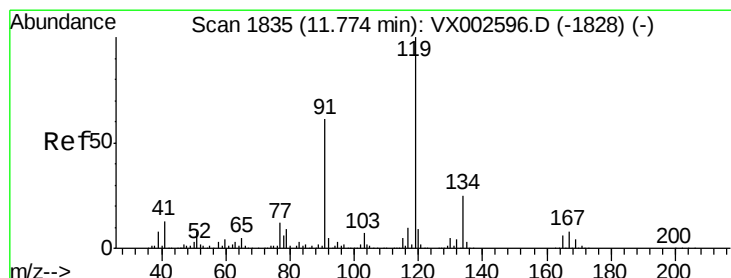
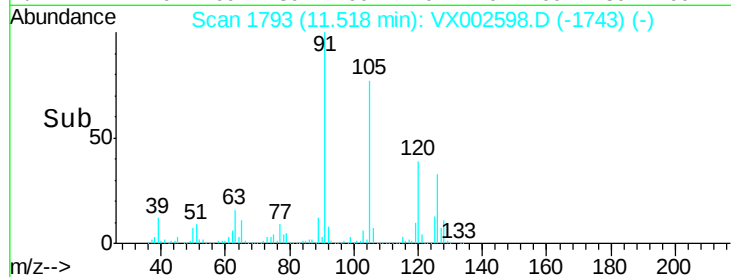
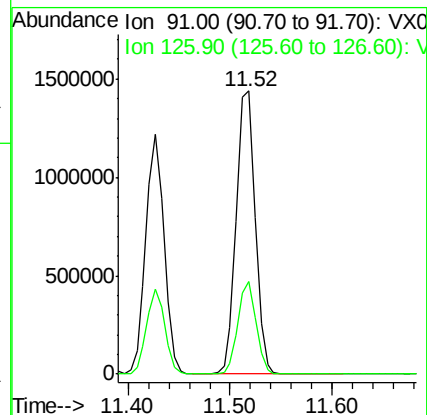
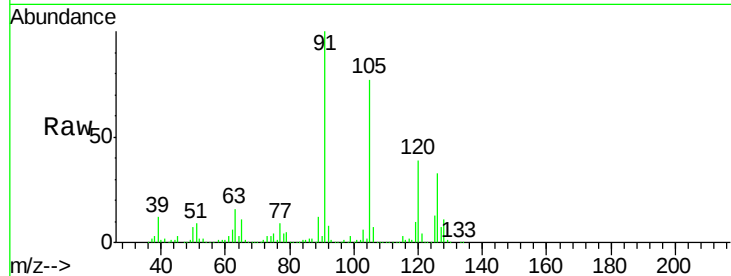
91 100

126 31.2 15.4 46.4

Manual Integrations
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#83

tert-Butylbenzene

Concen: 137.25 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

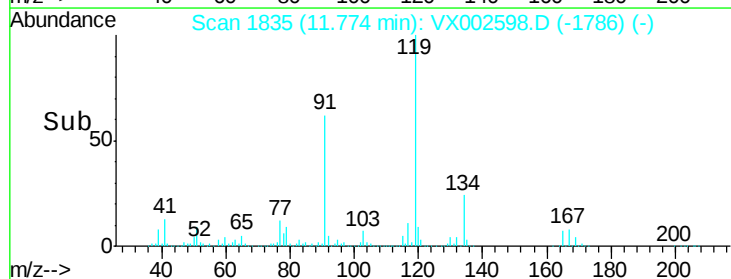
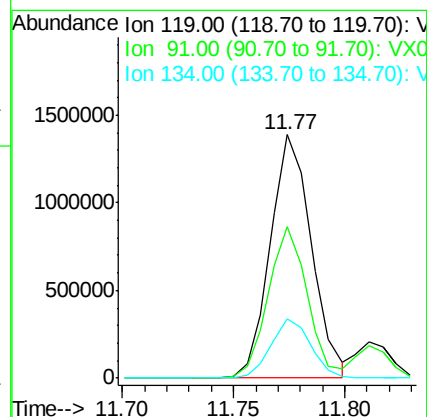
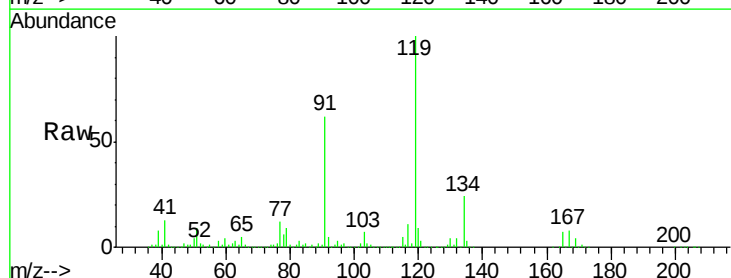
Tgt Ion: 119 Resp: 1788763

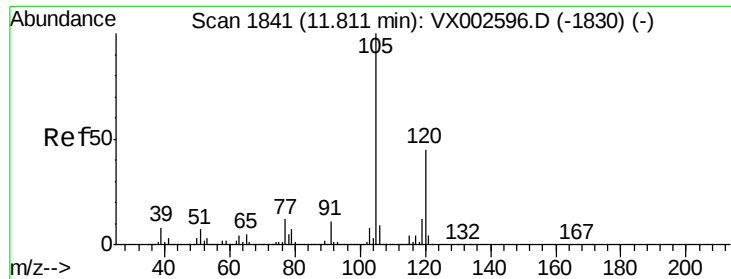
Ion Ratio Lower Upper

119 100

91 59.0 30.3 90.9

134 23.6 11.7 35.1





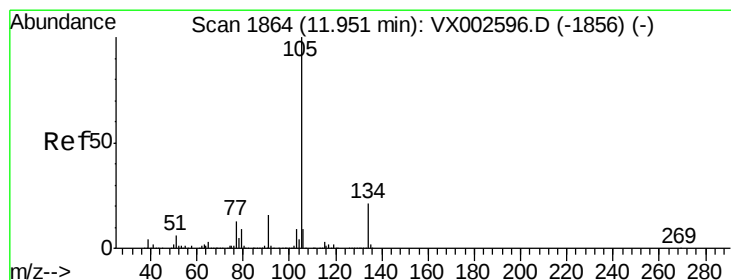
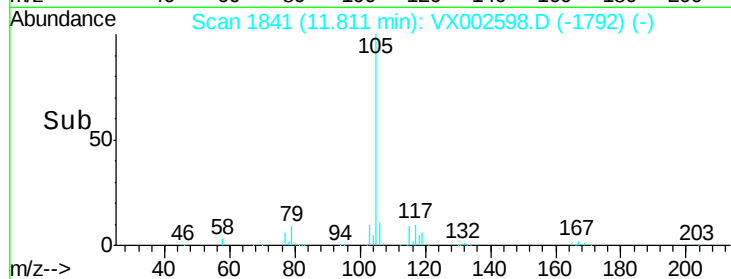
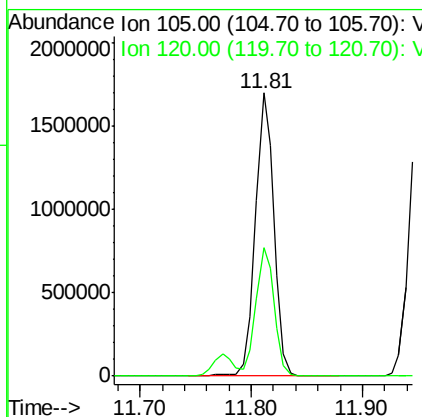
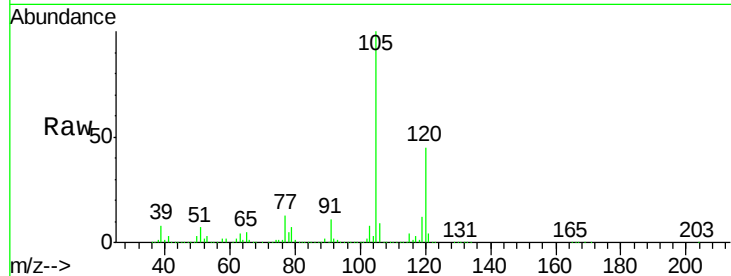
#84
 1,2,4-Trimethylbenzene
 Concen: 142.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1962031
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8

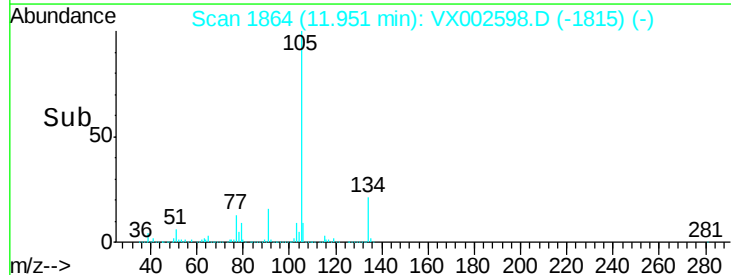
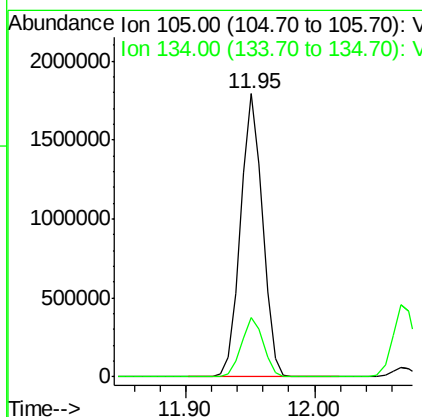
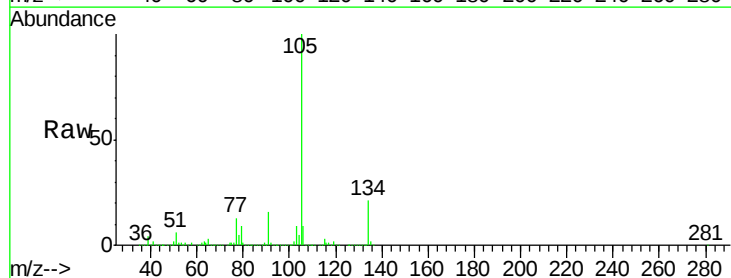
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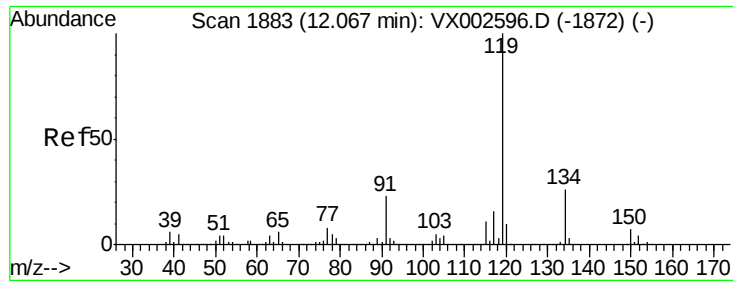
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#85
 sec-Butylbenzene
 Concen: 138.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion:105 Resp: 2113373
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1





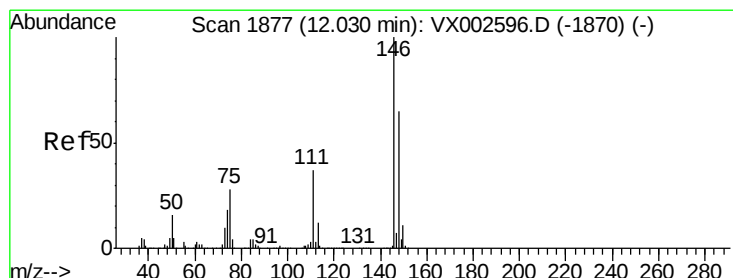
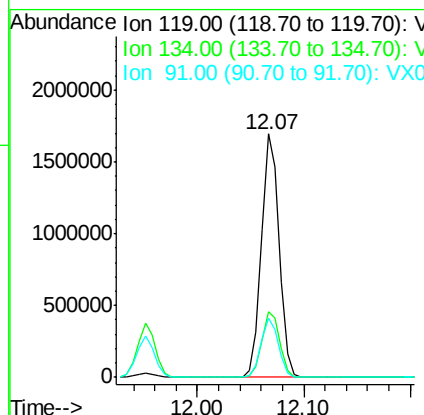
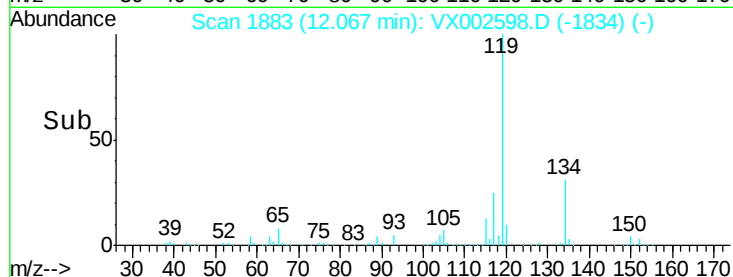
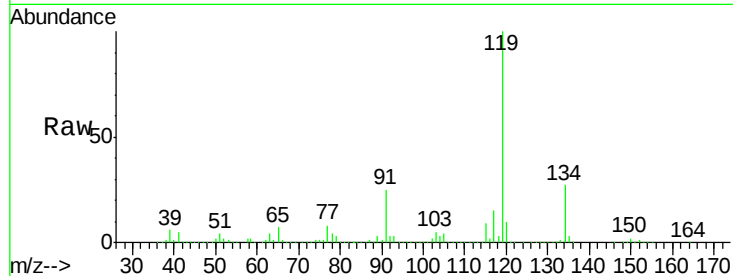
#86
p-Isopropyltoluene
Concen: 142.70 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:119 Resp: 1985954
Ion Ratio Lower Upper
119 100
134 27.2 13.4 40.1
91 23.9 11.9 35.7

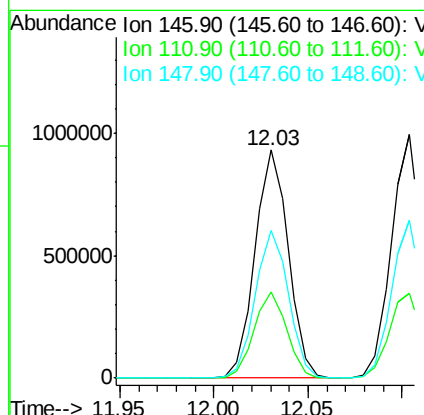
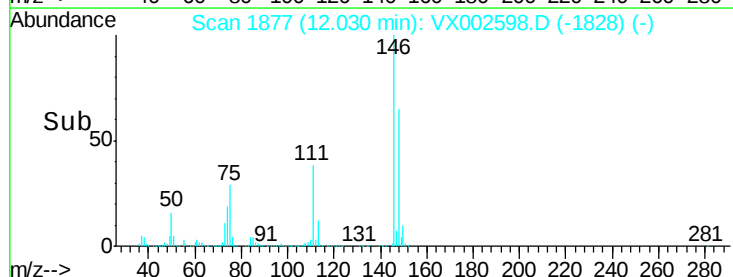
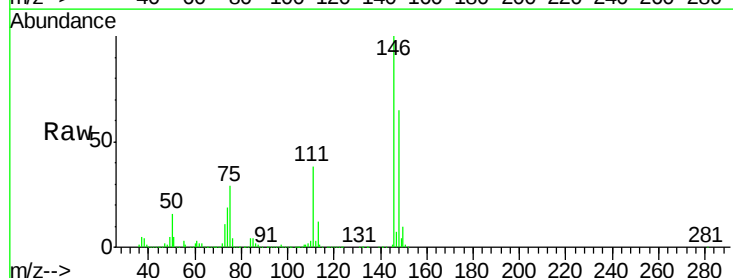
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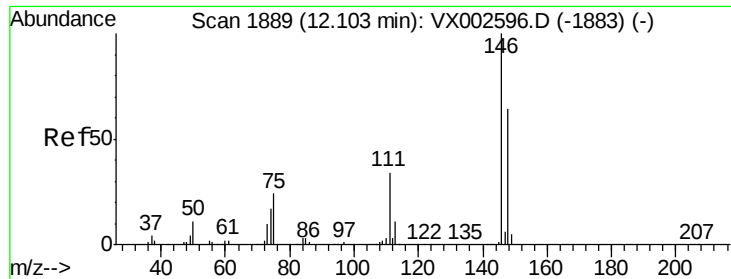
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#87
1,3-Dichlorobenzene
Concen: 145.55 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion:146 Resp: 1140031
Ion Ratio Lower Upper
146 100
111 37.3 18.9 56.7
148 64.7 32.1 96.3





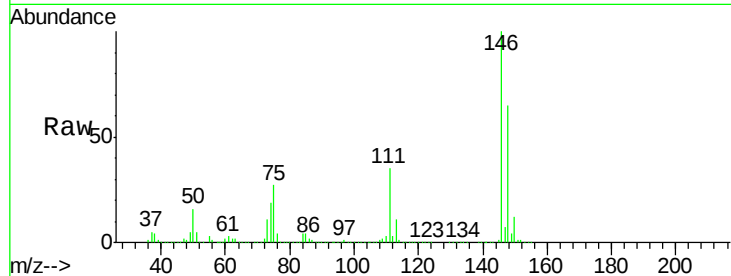
#88
1,4-Dichlorobenzene
Concen: 143.53 ug/l
RT: 12.10 min Scan# 1889
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

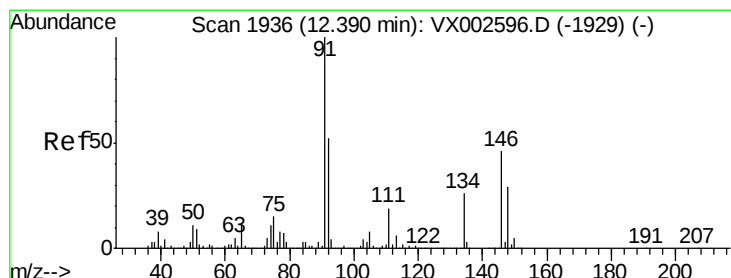
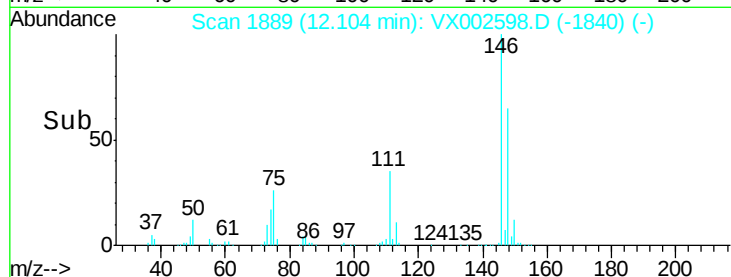
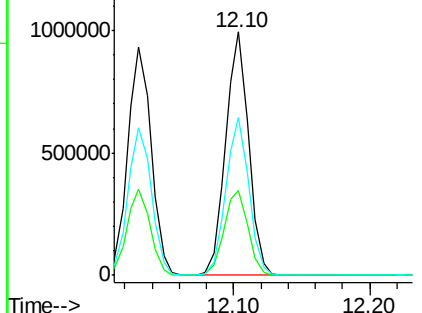
Tot Ion:146 Resp: 1158784
Ion Ratio Lower Upper
146 100
111 36.4 18.7 56.1
148 64.7 32.4 97.0

Manual Integrations
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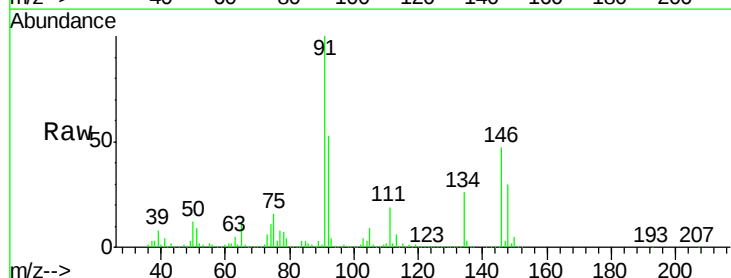


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

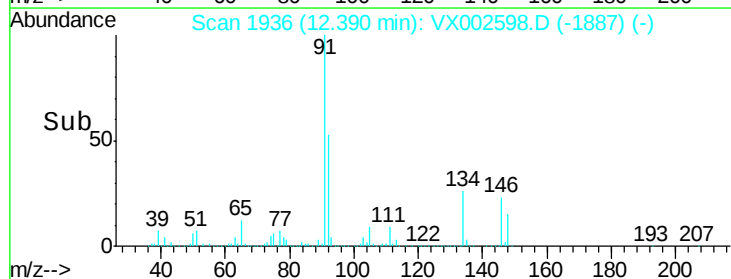
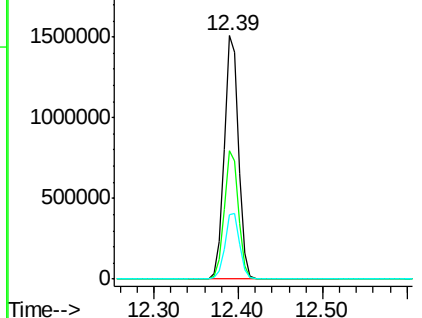


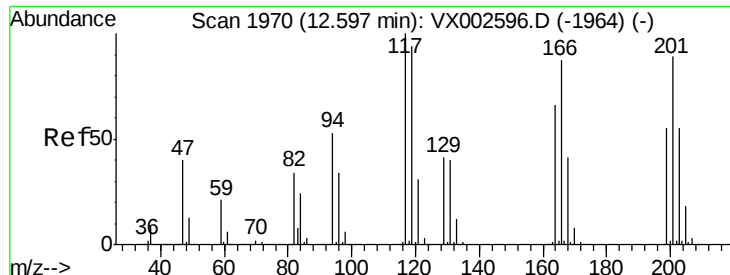
#89
n-Butylbenzene
Concen: 151.83 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion: 91 Resp: 1772141
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 27.4 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





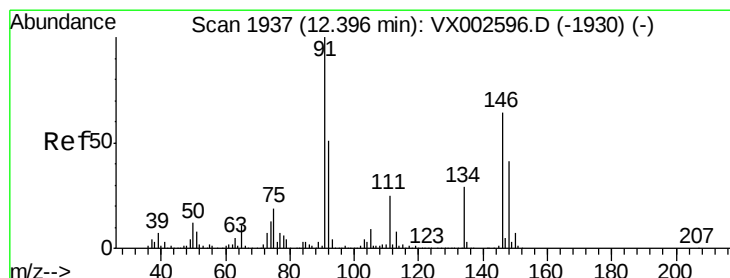
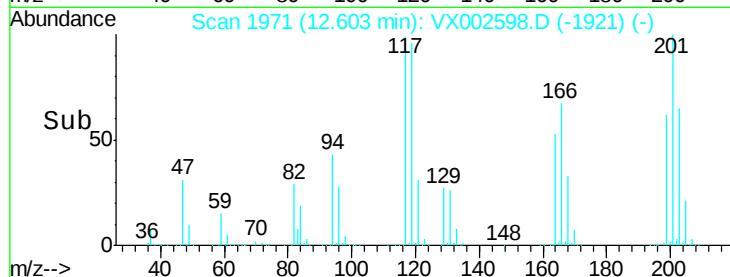
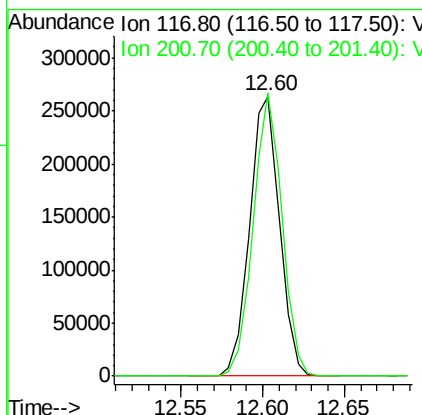
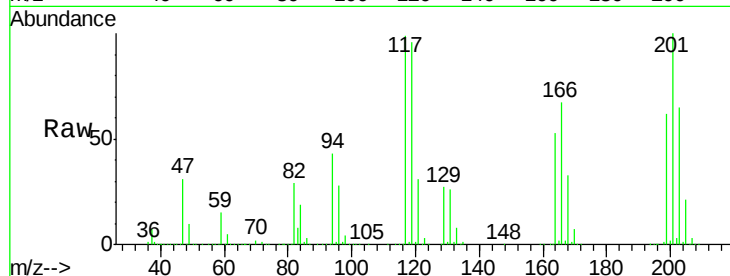
#90
Hexachloroethane
Concen: 151.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:117 Resp: 337069
Ion Ratio Lower Upper
117 100
201 97.4 49.0 147.0

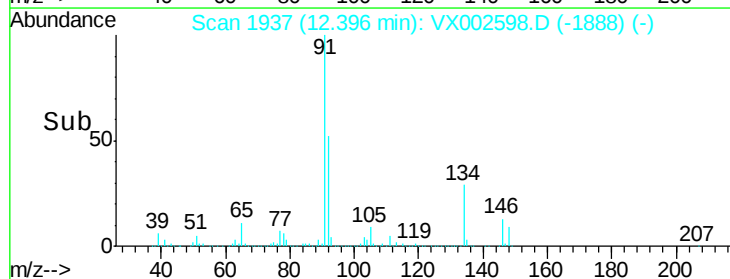
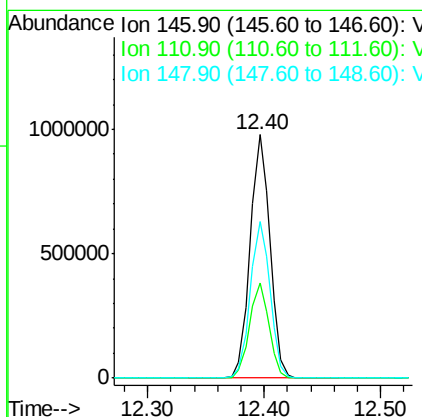
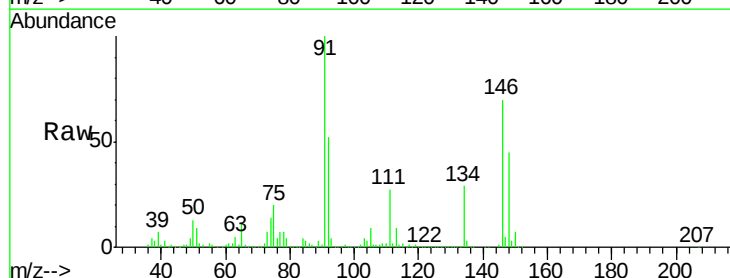
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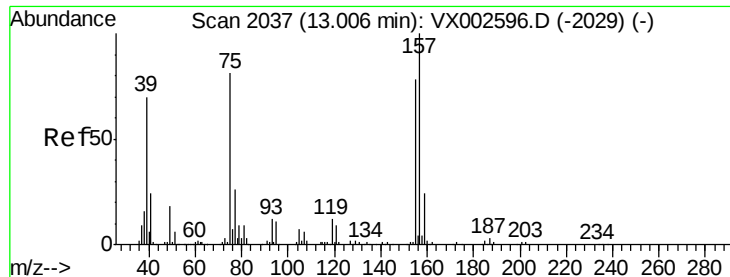
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#91
1,2-Dichlorobenzene
Concen: 144.12 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX002598.D
Acq: 15 Jun 2018 13:47

Tgt Ion:146 Resp: 1167956
Ion Ratio Lower Upper
146 100
111 38.7 19.4 58.1
148 64.4 31.7 95.1





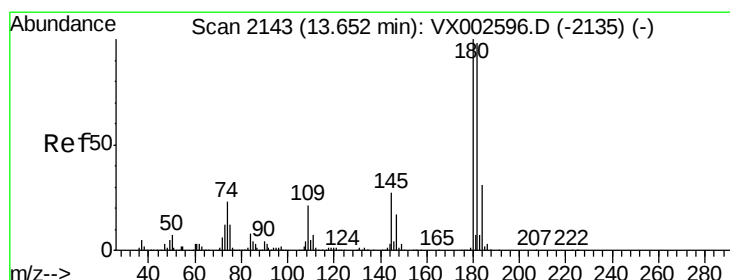
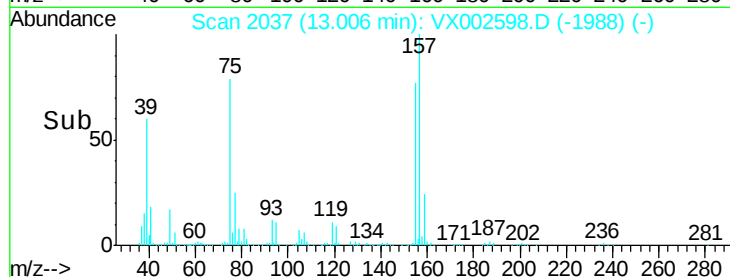
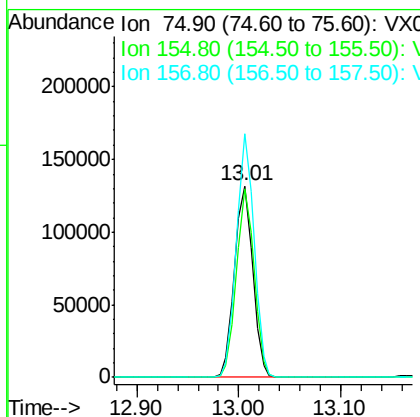
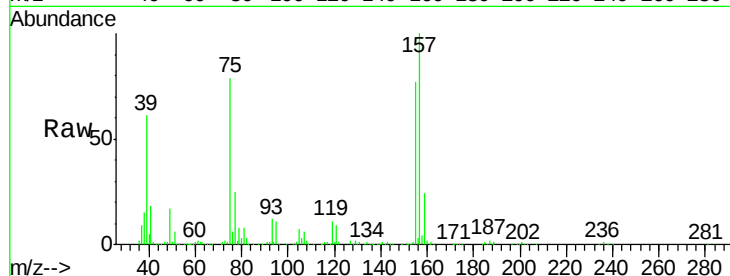
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 151.35 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	95.6	45.8	137.4
157	122.9	60.1	180.3

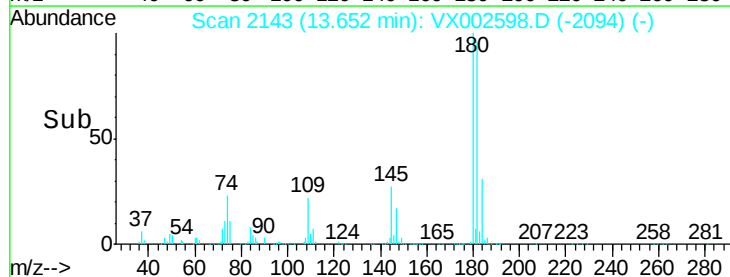
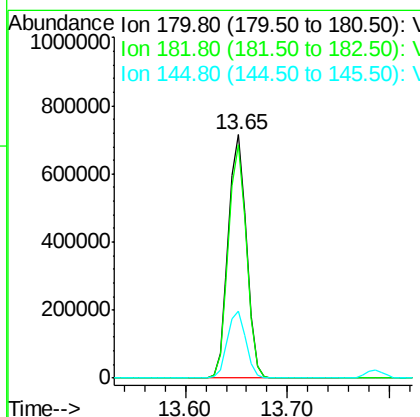
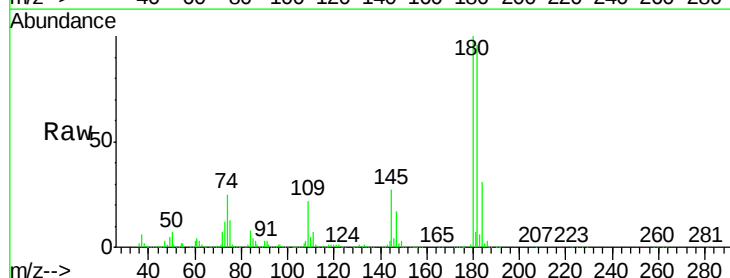
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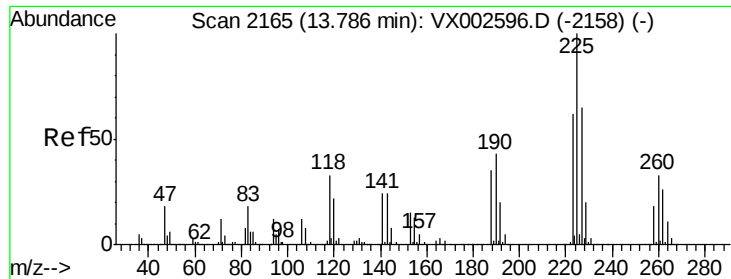
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#93
 1,2,4-Trichlorobenzene
 Concen: 154.42 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	27.8	14.1	42.4





#94

Hexachlorobutadiene

Concen: 136.53 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Instrument :

MSVOA_X

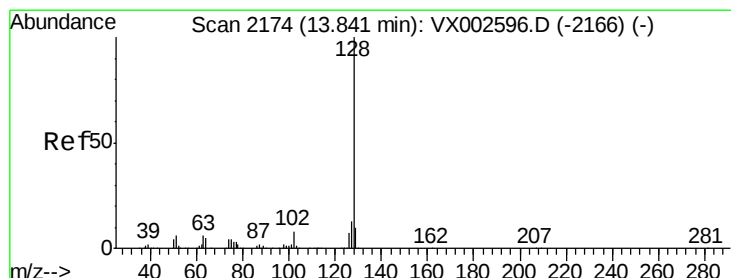
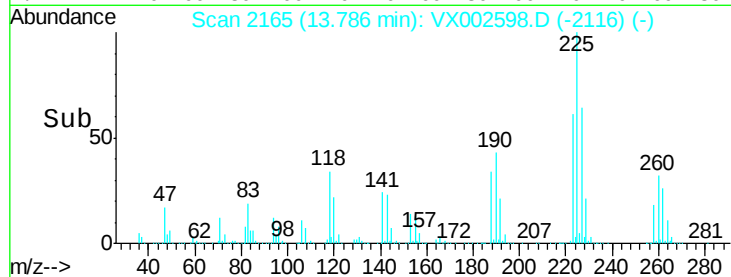
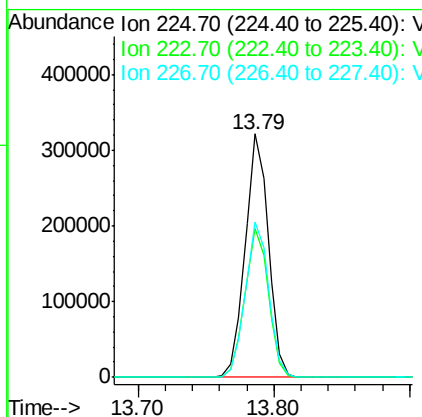
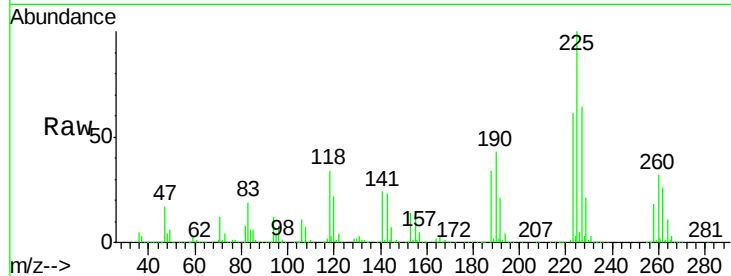
ClientSampleId :

VSTDIC150

Tot Ion:	225	Resp:	383354
Ion Ratio		Lower	Upper
225	100		
223	62.4	31.6	95.0
227	64.5	32.4	97.2

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#95

Naphthalene

Concen: 148.02 ug/l

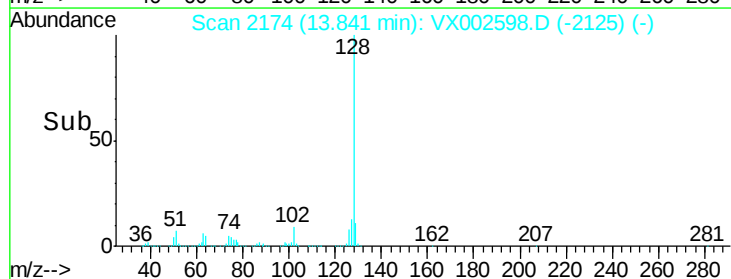
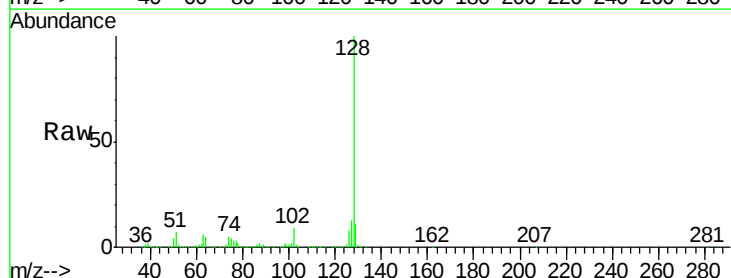
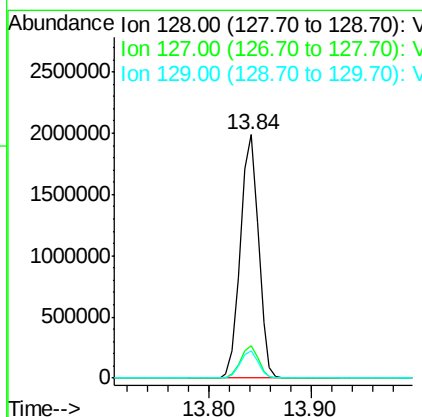
RT: 13.84 min Scan# 2174

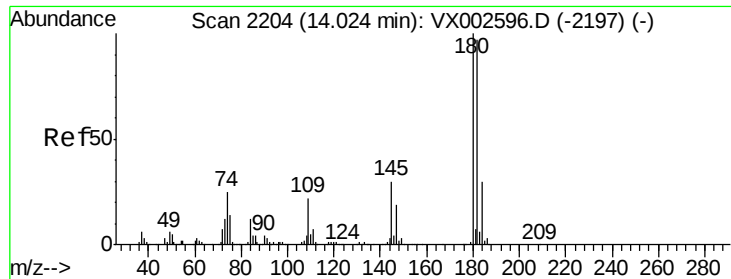
Delta R.T. 0.00 min

Lab File: VX002598.D

Acq: 15 Jun 2018 13:47

Tgt Ion:	128	Resp:	2416669
Ion Ratio		Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0





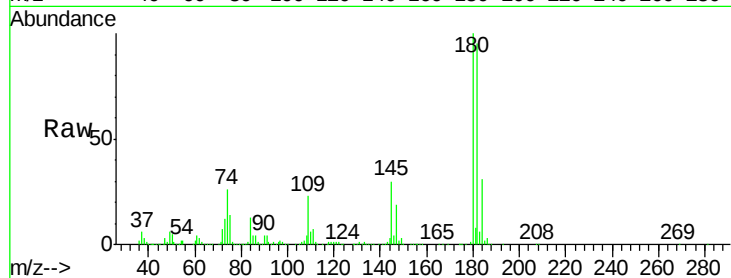
#96
 1,2,3-Trichlorobenzene
 Concen: 150.95 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002598.D
 Acq: 15 Jun 2018 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	874773		
182	95.7		48.0	144.0
145	29.5		14.8	44.3

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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

