

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072518\
 Data File : VX003668.D
 Acq On : 25 Jul 2018 19:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:29:57 PM

Quant Time: Jul 27 04:27:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	155455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100598	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	82529	51.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.04%	
35) Dibromofluoromethane	5.51	113	67465	53.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.18%	
50) Toluene-d8	8.72	98	248844	51.31	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	93904	53.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	61071	49.11	ug/l	99
3) Chloromethane	1.32	50	87322	53.30	ug/l	99
4) Vinyl Chloride	1.40	62	93347	55.71	ug/l	98
5) Bromomethane	1.64	94	51790	64.01	ug/l	96
6) Chloroethane	1.71	64	62626	56.96	ug/l	99
7) Trichlorofluoromethane	1.92	101	119695	55.49	ug/l	98
8) Diethyl Ether	2.19	74	52286	55.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	73428	55.32	ug/l	98
10) Methyl Iodide	2.51	142	104244	57.73	ug/l	98
11) Tert butyl alcohol	3.08	59	110318	285.31	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70553	55.86	ug/l	93
13) Acrolein	2.29	56	45607	233.54	ug/l	97
14) Allyl chloride	2.73	41	144457	54.87	ug/l	97
15) Acrylonitrile	3.15	53	264158	282.75	ug/l	99
16) Acetone	2.45	43	212974	280.26	ug/l	100
17) Carbon Disulfide	2.57	76	194751	53.60	ug/l	100
18) Methyl Acetate	2.78	43	131970	57.50	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	259123	58.09	ug/l	97
20) Methylene Chloride	2.85	84	84115	55.86	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	77900	57.36	ug/l	97
22) Diisopropyl ether	3.88	45	280881	58.43	ug/l	91
23) Vinyl Acetate	3.83	43	1195010	290.18	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150677	55.61	ug/l	100
25) 2-Butanone	4.71	43	325253	277.05	ug/l	97
26) 2,2-Dichloropropane	4.59	77	89658	52.34	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	83492	56.62	ug/l	98
28) Bromochloromethane	5.02	49	57114	52.53	ug/l	100
29) Tetrahydrofuran	5.17	42	198564	259.83	ug/l	97
30) Chloroform	5.22	83	127561	51.90	ug/l	95
31) Cyclohexane	5.57	56	105449	48.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	105771	51.82	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89267	49.13	ug/l	100
37) Ethyl Acetate	4.87	43	121006	55.38	ug/l	100
38) Carbon Tetrachloride	5.78	117	88276	50.40	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101125	50.56	ug/l	99
40) Benzene	6.15	78	263345	48.97	ug/l	100
41) Methacrylonitrile	5.07	41	65949	54.51	ug/l	99
42) 1,2-Dichloroethane	6.20	62	96201	50.83	ug/l	100
43) Isopropyl Acetate	6.47	43	159647	50.09	ug/l	99
44) Trichloroethene	7.22	130	69685	48.33	ug/l	99
45) 1,2-Dichloropropane	7.52	63	69825	50.23	ug/l	98
46) Dibromomethane	7.66	93	45070	50.47	ug/l	99
47) Bromodichloromethane	7.90	83	86631	51.75	ug/l	100
48) Methyl methacrylate	7.79	41	88737	54.86	ug/l	96
49) 1,4-Dioxane	7.76	88	36517	1011.93	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	557178	259.07	ug/l	99
52) Toluene	8.79	92	169083	50.59	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	101915	54.98	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	105855	51.90	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72931	53.38	ug/l	100
56) Ethyl methacrylate	9.19	69	115762	56.94	ug/l	98
57) 1,3-Dichloropropane	9.38	76	117034	51.01	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	272961	267.16	ug/l	100
59) 2-Hexanone	9.50	43	434382	263.30	ug/l	100
60) Dibromochloromethane	9.59	129	69613	53.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	74847	52.61	ug/l	99
64) Tetrachloroethene	9.34	164	64609	39.05	ug/l	99
65) Chlorobenzene	10.14	112	220833	48.48	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77383	48.87	ug/l	100
67) Ethyl Benzene	10.26	91	375582	49.26	ug/l	99
68) m/p-Xylenes	10.36	106	280589	95.93	ug/l	100
69) o-Xylene	10.70	106	124797	44.32	ug/l	99
70) Styrene	10.71	104	211238	44.66	ug/l	99
71) Bromoform	10.86	173	53548	42.76	ug/l #	99
73) Isopropylbenzene	11.02	105	329933	48.00	ug/l	99
74) N-amyl acetate	6.47	43	159647	44.54	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	117714	46.38	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	114136m	54.09	ug/l	
77) Bromobenzene	11.26	156	85516	45.81	ug/l	99
78) n-propylbenzene	11.36	91	417600	52.62	ug/l	100
79) 2-Chlorotoluene	11.42	91	228528	47.38	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	280502	48.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	33490	49.18	ug/l	97
82) 4-Chlorotoluene	11.51	91	267060	47.00	ug/l	99
83) tert-Butylbenzene	11.77	119	306272	53.83	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	302186	50.56	ug/l	100
85) sec-Butylbenzene	11.95	105	335157	49.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	306137	50.22	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	158948	45.72	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	163063	45.11	ug/l	99
89) n-Butylbenzene	12.39	91	273211	49.73	ug/l	99
90) Hexachloroethane	12.60	117	47069	50.99	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	171060	48.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25488	48.24	ug/l	98

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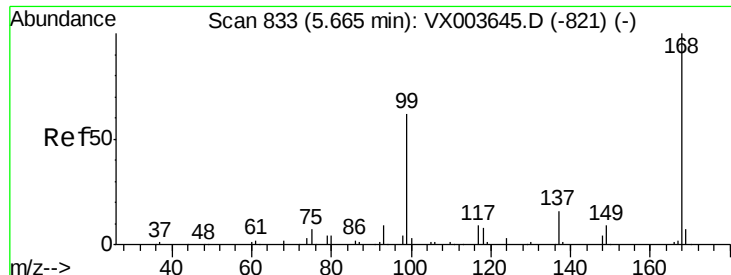
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	116697	46.04	ug/l	99
94) Hexachlorobutadiene	13.79	225	61021	52.04	ug/l	99
95) Naphthalene	13.83	128	424966	55.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117618	45.69	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. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 109200

Ion Ratio Lower Upper

168 100

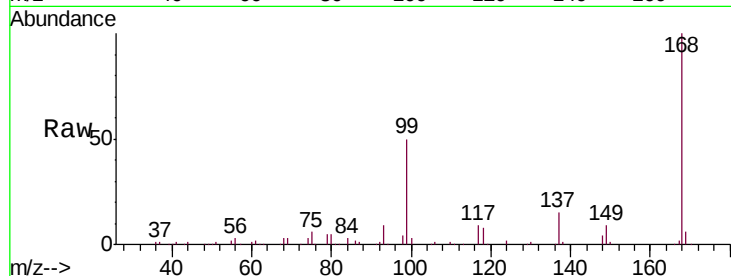
99 49.8 49.5 74.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

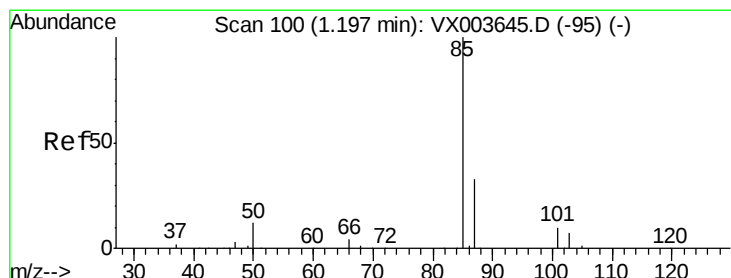
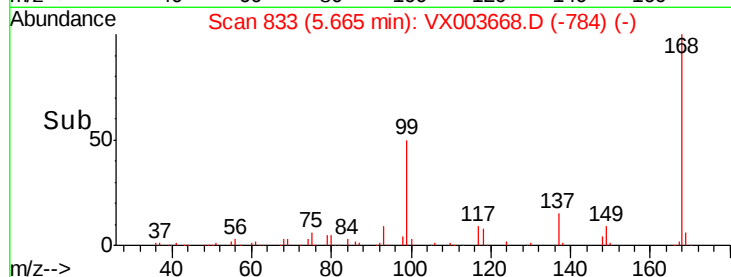
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.11 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003668.D

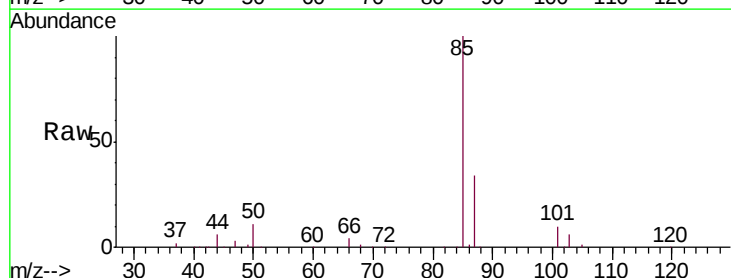
Acq: 25 Jul 2018 19:57

Tgt Ion: 85 Resp: 61071

Ion Ratio Lower Upper

85 100

87 33.7 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

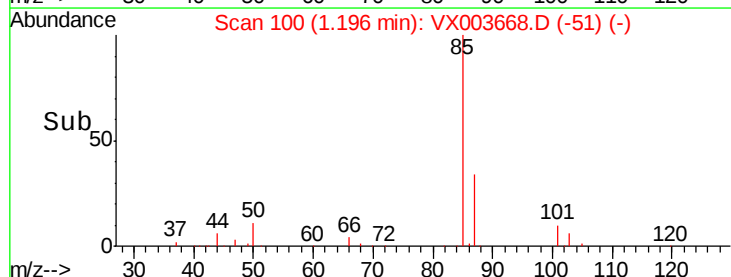
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 53.30 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 87322

Ion Ratio Lower Upper

50 100

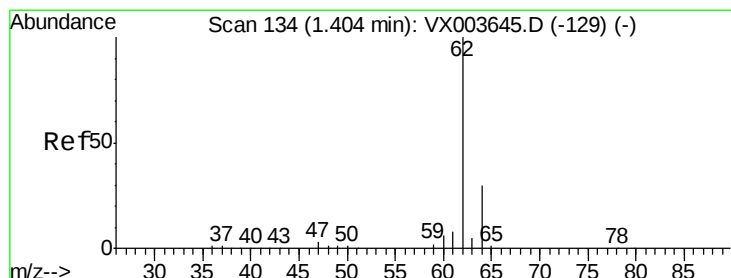
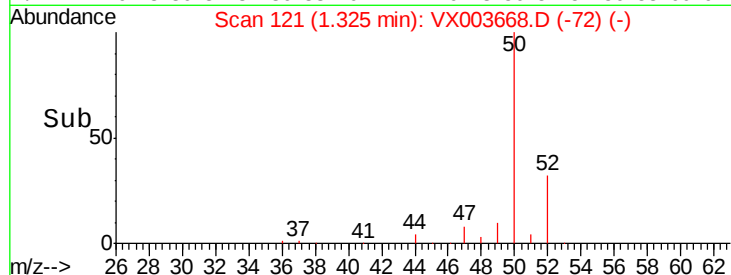
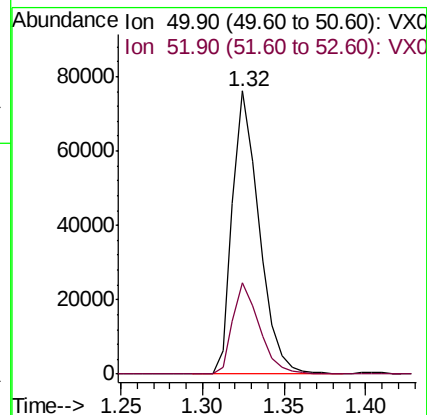
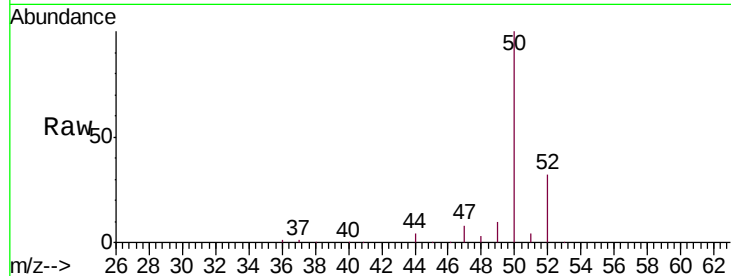
52 32.3 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.71 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003668.D

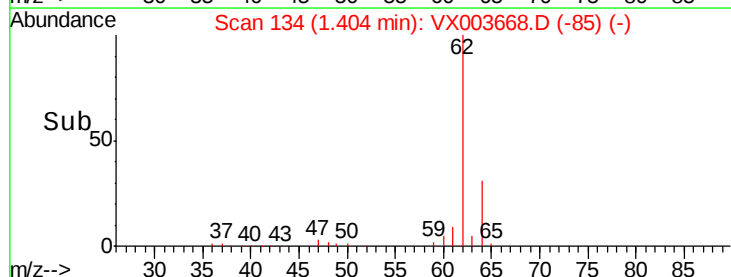
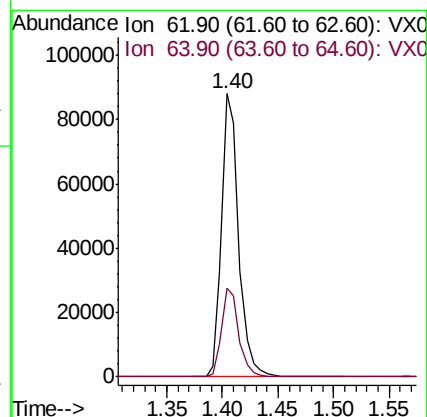
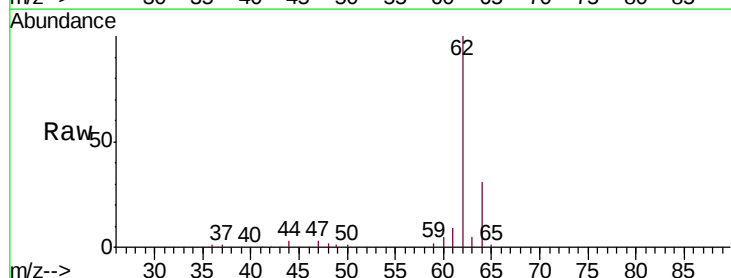
Acq: 25 Jul 2018 19:57

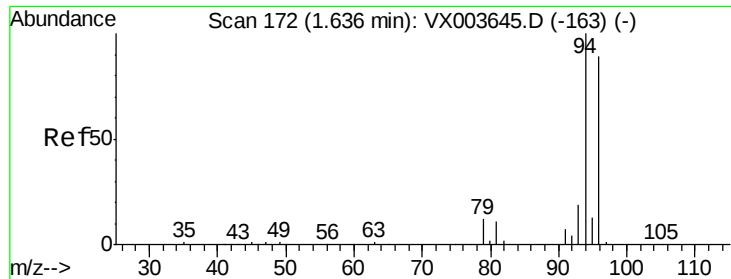
Tgt Ion: 62 Resp: 93347

Ion Ratio Lower Upper

62 100

64 31.3 24.4 36.6





#5

Bromomethane

Concen: 64.01 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 51790

Ion Ratio Lower Upper

94 100

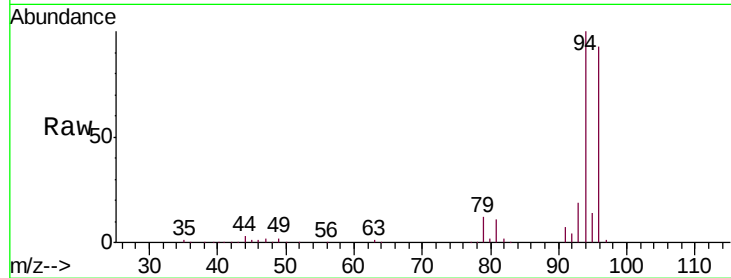
96 92.7 71.3 106.9

Manual Integrations

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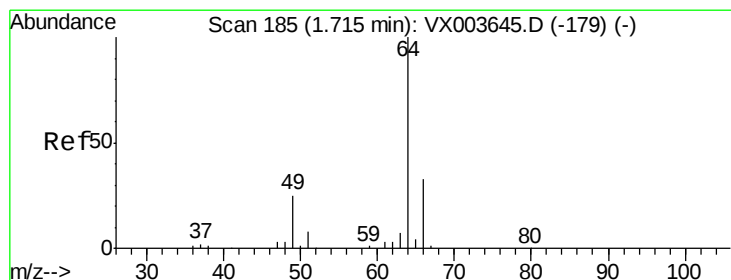
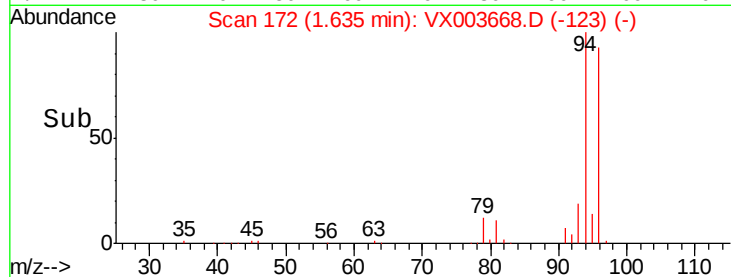
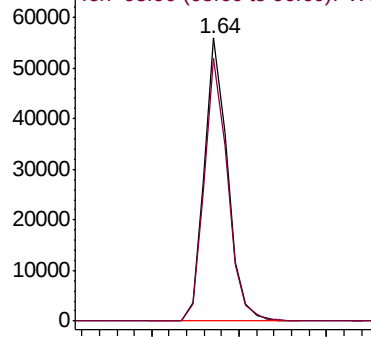
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.96 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003668.D

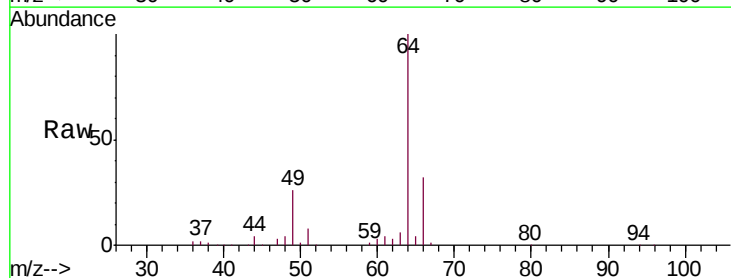
Acq: 25 Jul 2018 19:57

Tgt Ion: 64 Resp: 62626

Ion Ratio Lower Upper

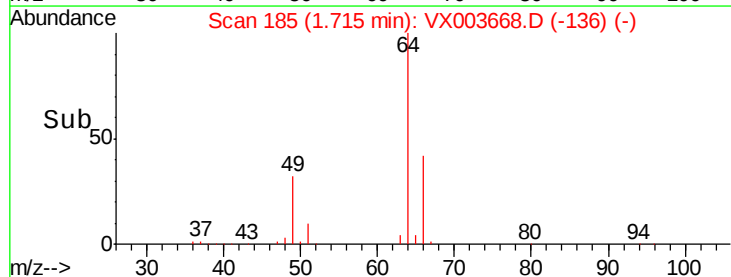
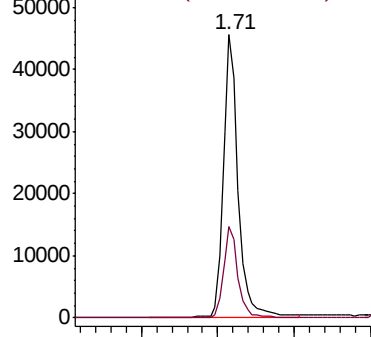
64 100

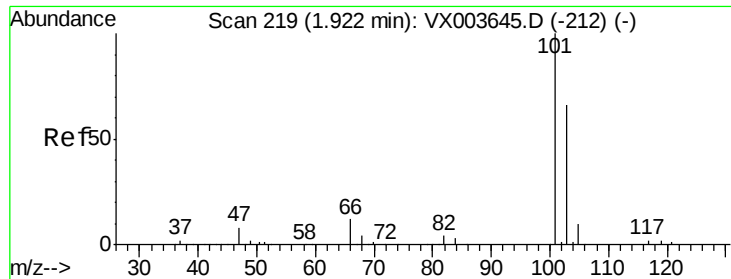
66 32.4 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

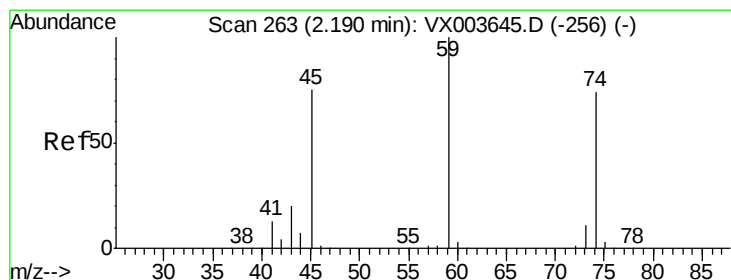
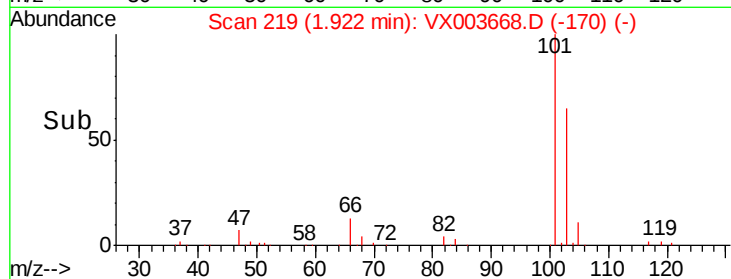
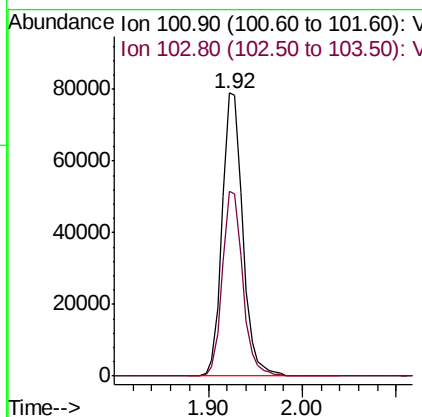
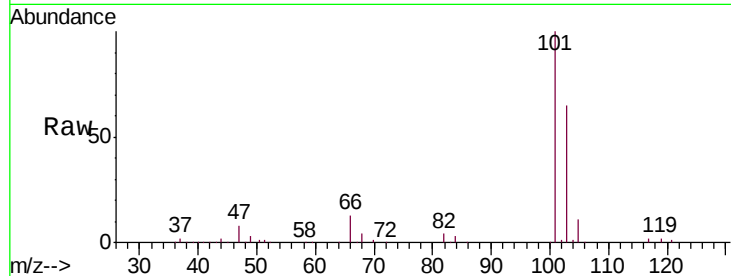
Trichlorofluoromethane
 Concen: 55.49 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion:101 Resp: 119695
 Ion Ratio Lower Upper
 101 100
 103 65.1 53.2 79.8

Manual Integrations
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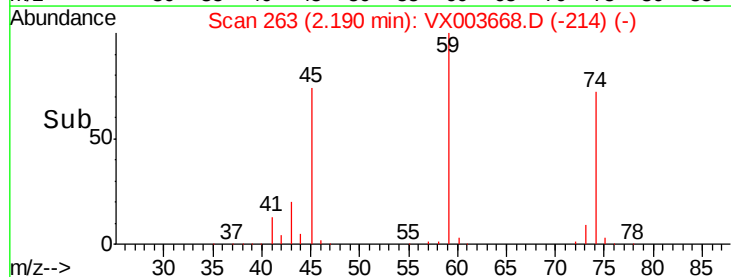
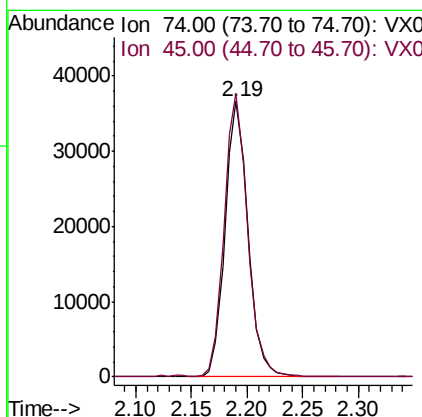
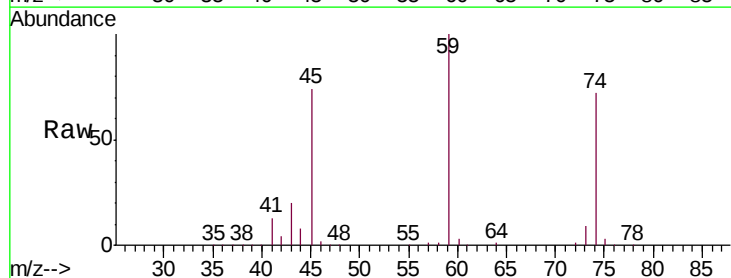
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 7/27/2018 5:29:57 PM

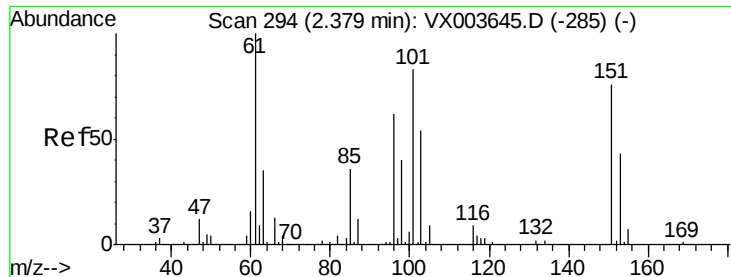


#8

Diethyl Ether
 Concen: 55.32 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 74 Resp: 52286
 Ion Ratio Lower Upper
 74 100
 45 103.8 51.0 153.1





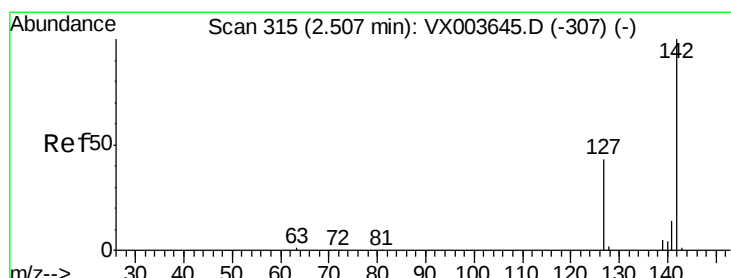
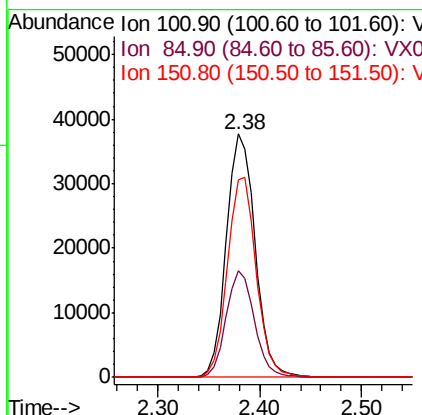
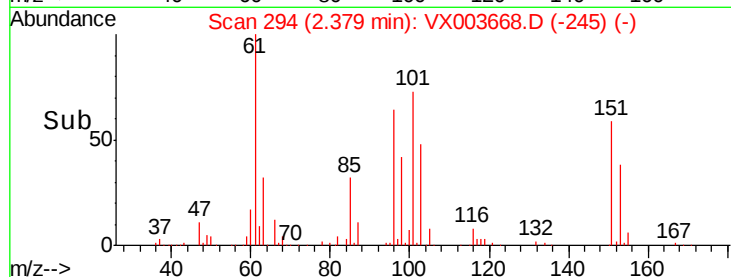
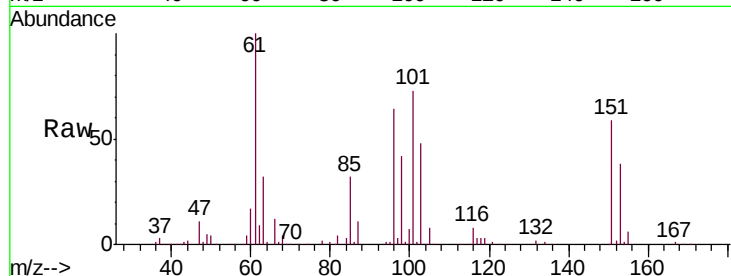
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.32 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

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Tot Ion	Ratio	Lower	Upper
101	100		
85	43.0	34.6	52.0
151	82.5	67.5	101.3

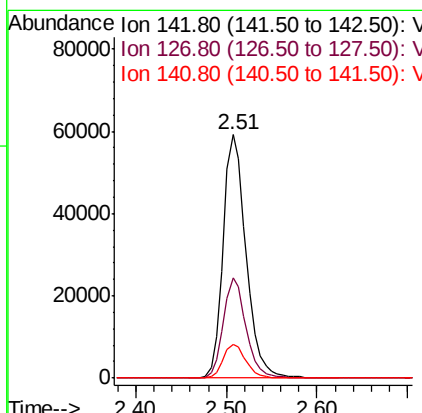
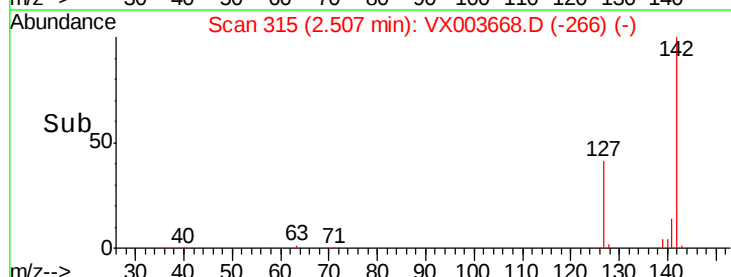
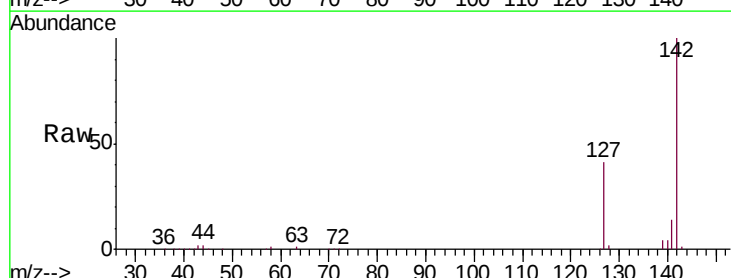
Manual Integrations
 APPROVED

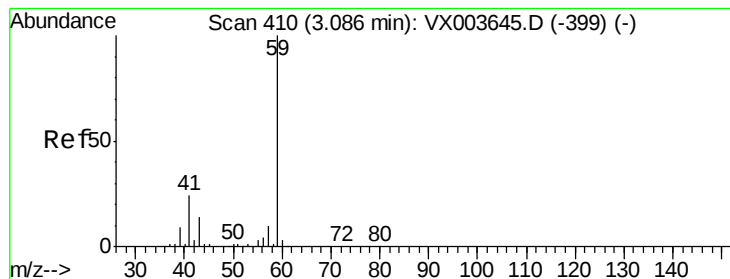
MMDadoda
 7/27/2018 5:29:57 PM



#10
 Methyl Iodide
 Concen: 57.73 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.9	34.0	51.0
141	13.9	11.3	16.9





#11

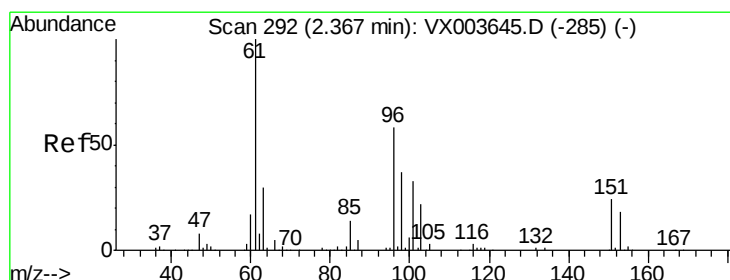
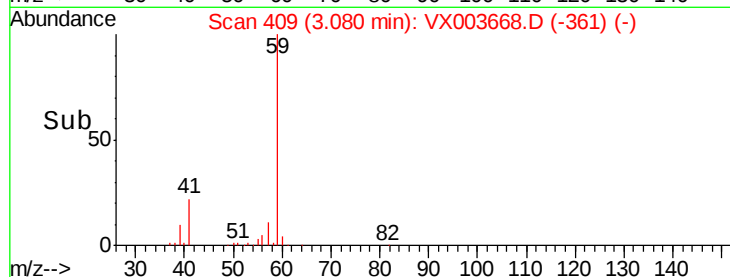
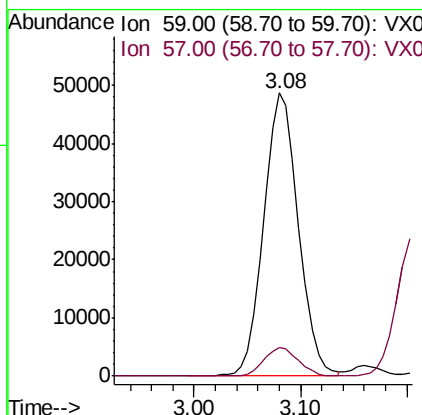
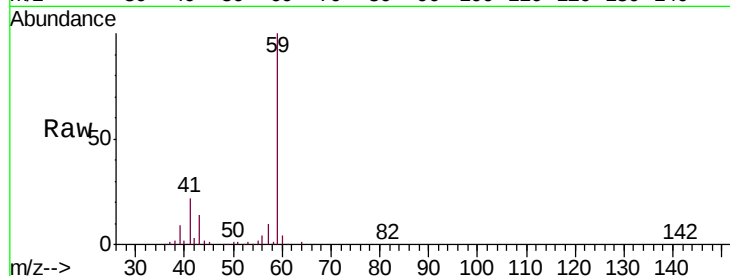
Tert butyl alcohol
 Concen: 285.31 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
 APPROVED

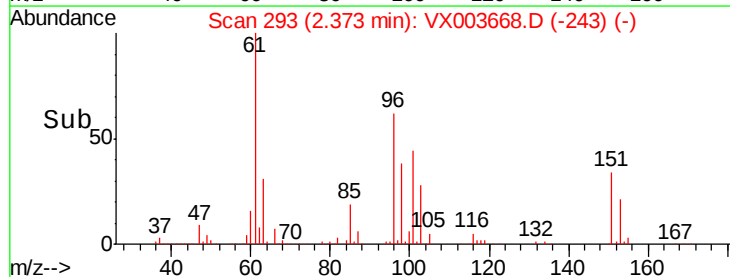
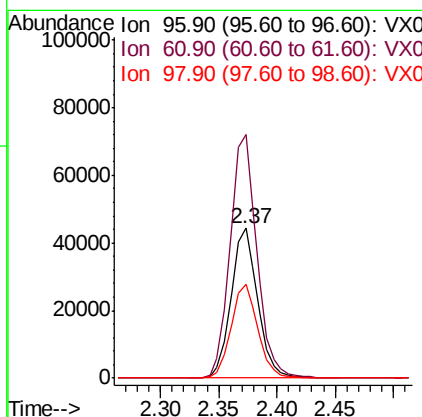
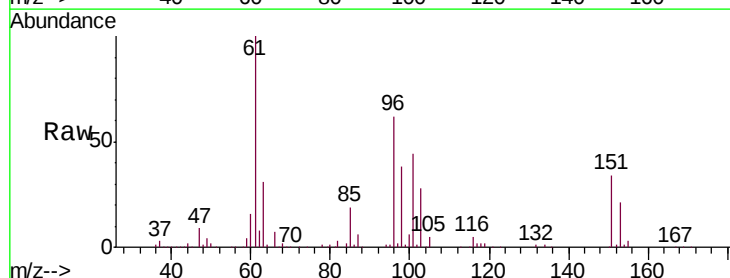
MMDadoda
 7/27/2018 5:29:57 PM

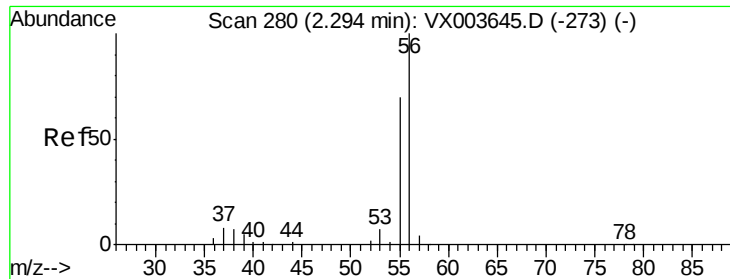


#12

1,1-Dichloroethene
 Concen: 55.86 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.3	138.8	208.2
98	62.5	51.4	77.2





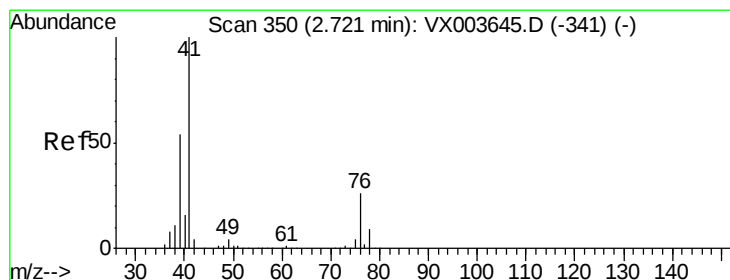
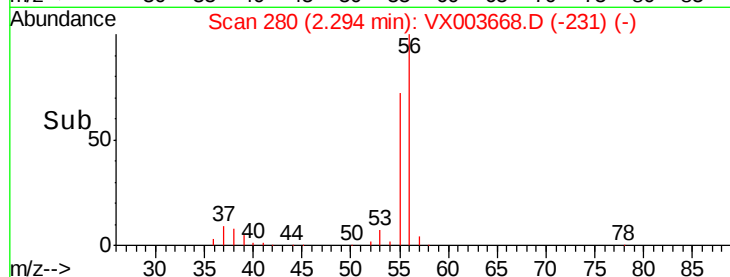
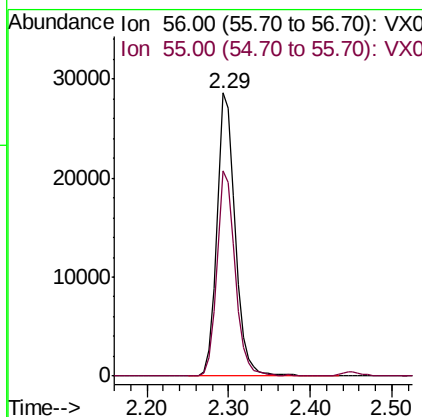
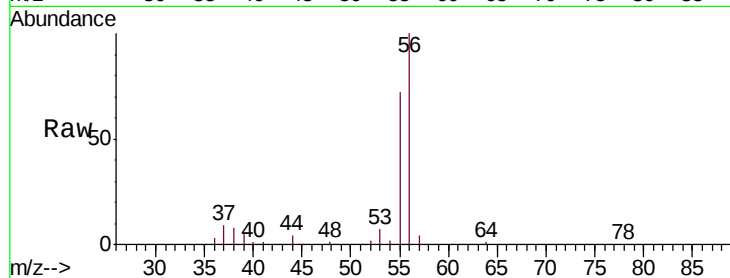
#13
Acrolein
Concen: 233.54 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	55.4	83.2

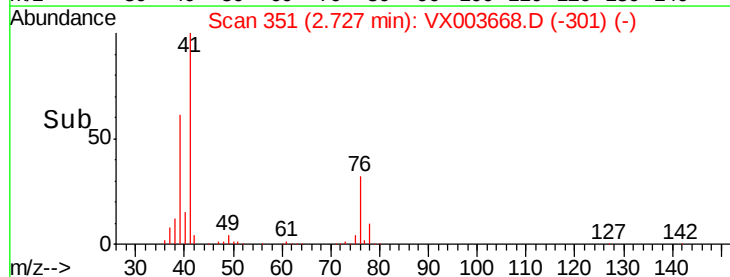
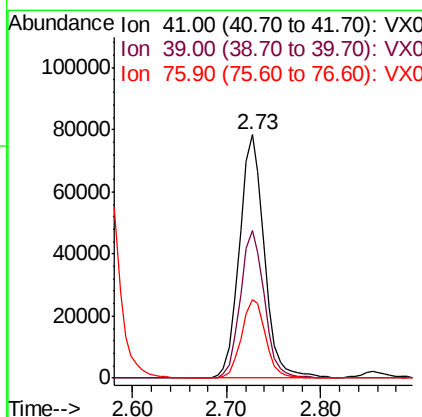
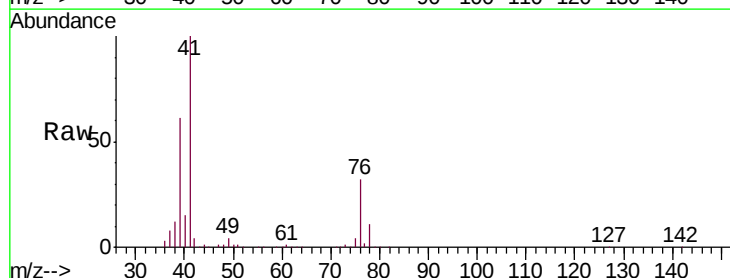
Manual Integrations
APPROVED

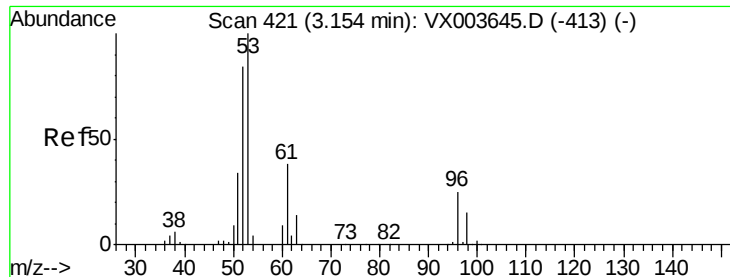
MMDadoda
7/27/2018 5:29:57 PM



#14
Allyl chloride
Concen: 54.87 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	45.3	67.9
76	31.4	23.8	35.6





#15

Acrylonitrile

Concen: 282.75 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

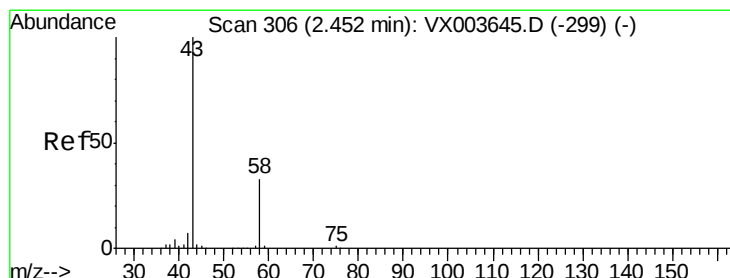
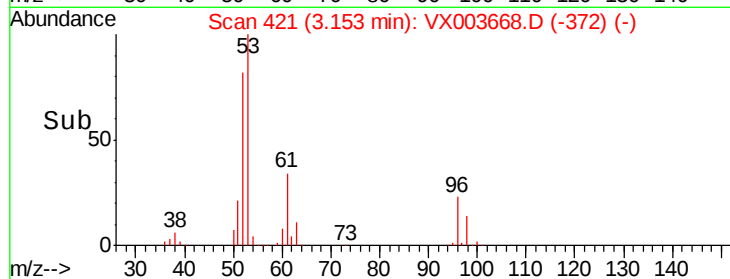
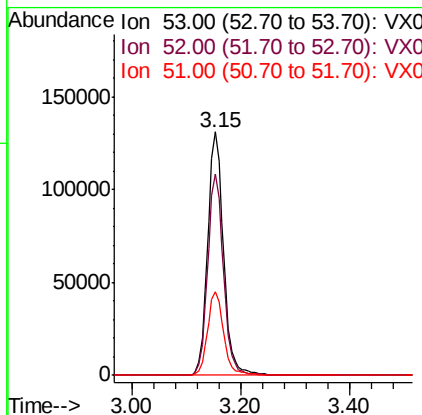
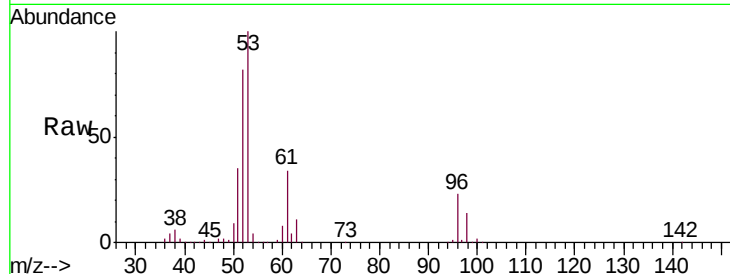
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	264158
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.1	99.1
51	35.3	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:29:57 PM



#16

Acetone

Concen: 280.26 ug/l

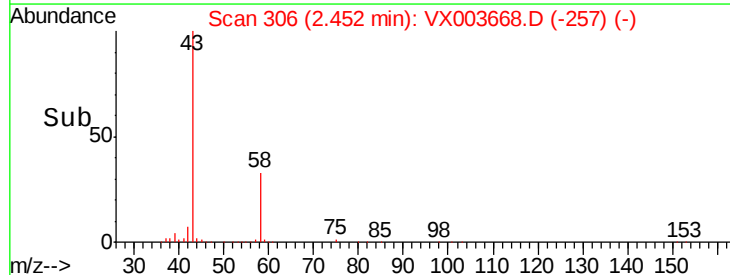
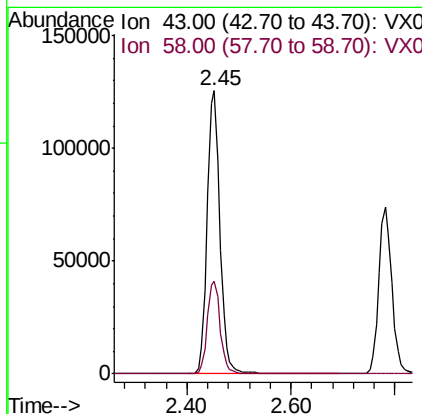
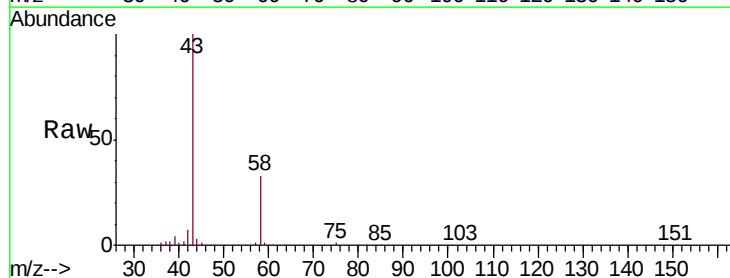
RT: 2.45 min Scan# 306

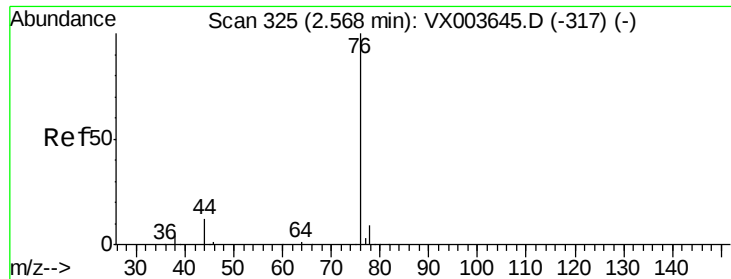
Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	43	Resp:	212974
Ion Ratio	Lower	Upper	
43	100		
58	32.7	26.1	39.1





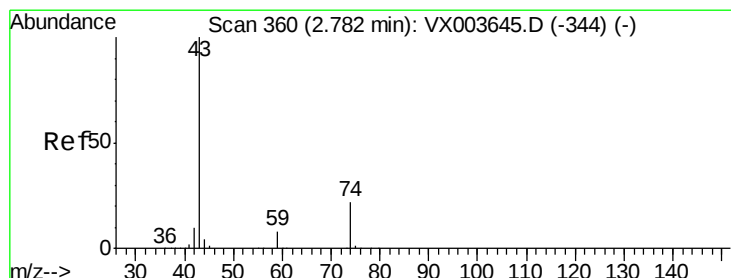
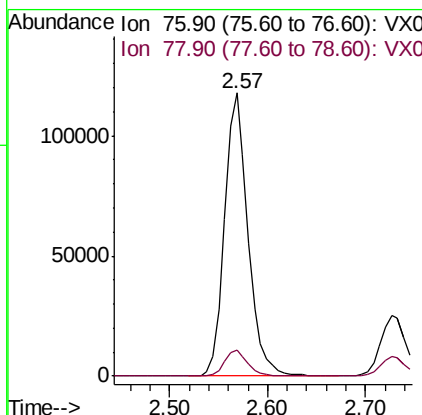
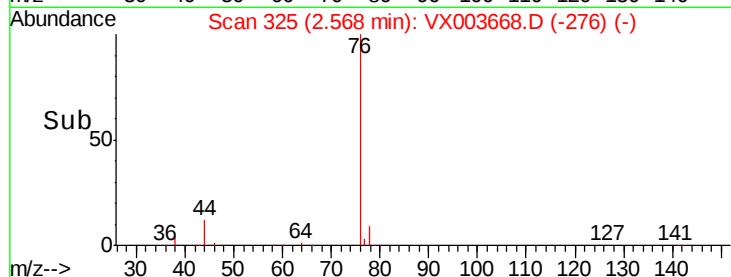
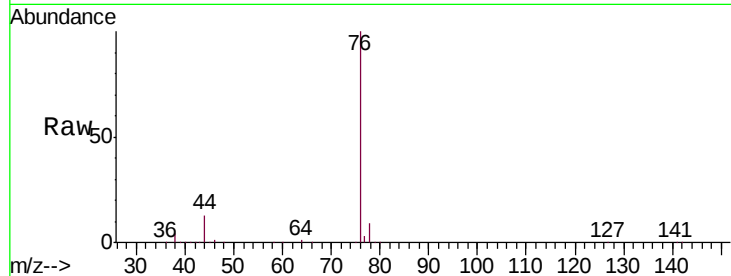
#17
Carbon Disulfide
Concen: 53.60 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

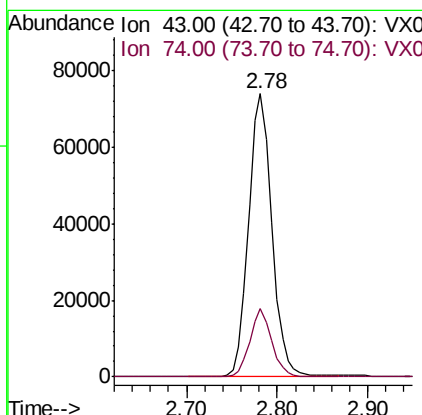
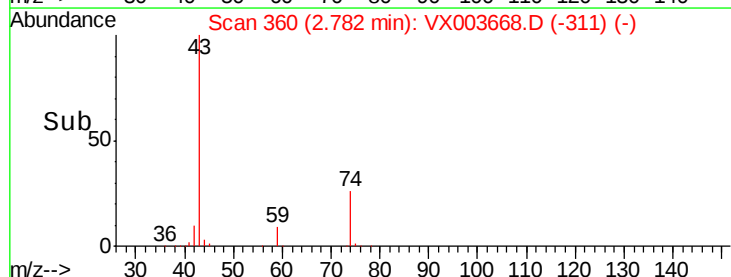
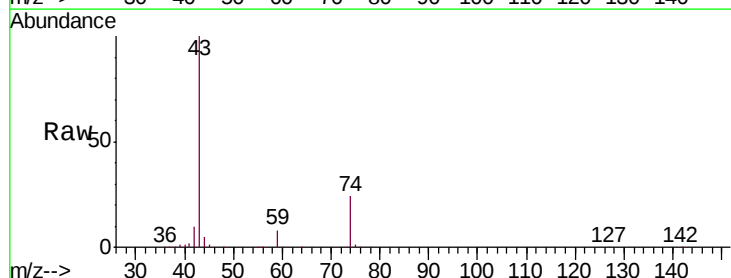
Manual Integrations
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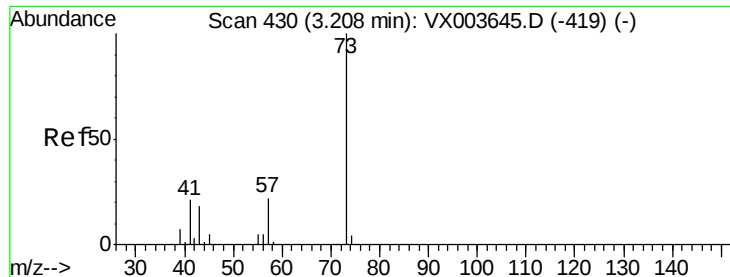
MMDadoda
7/27/2018 5:29:57 PM



#18
Methyl Acetate
Concen: 57.50 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	17.8	26.8





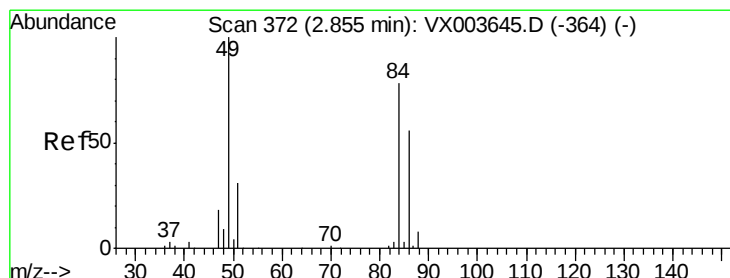
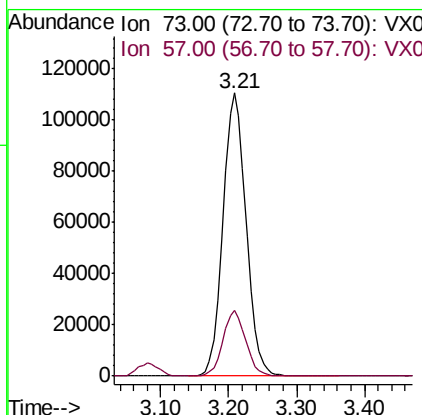
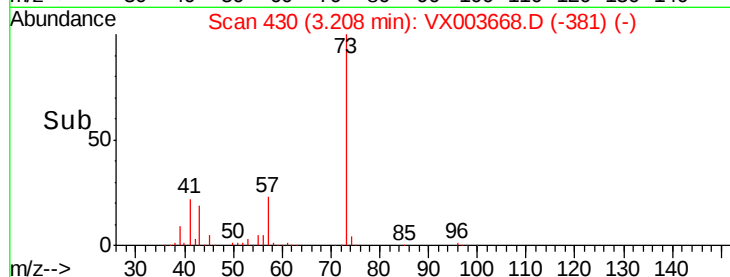
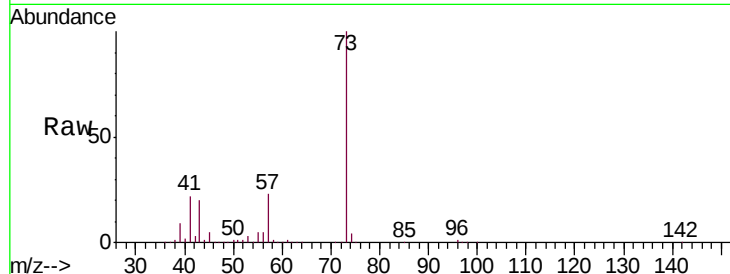
#19
Methyl tert-butyl Ether
Concen: 58.09 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 259123
Ion Ratio Lower Upper
73 100
57 23.1 17.4 26.2

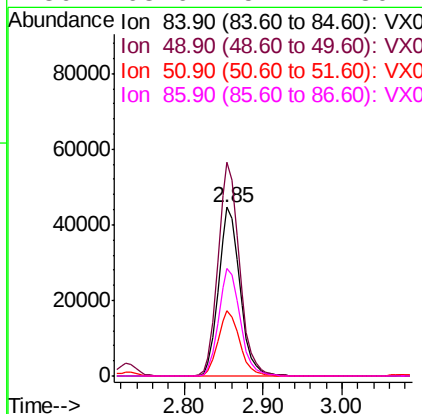
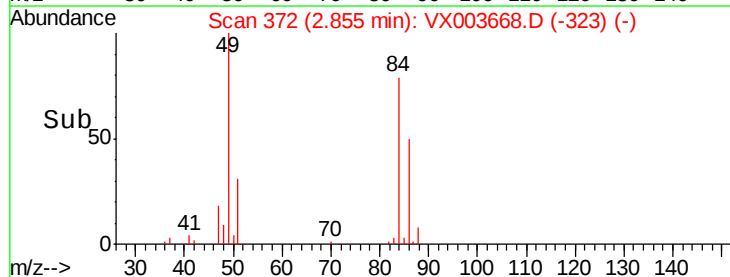
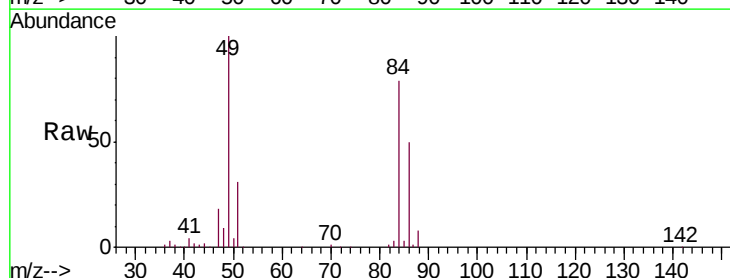
Manual Integrations
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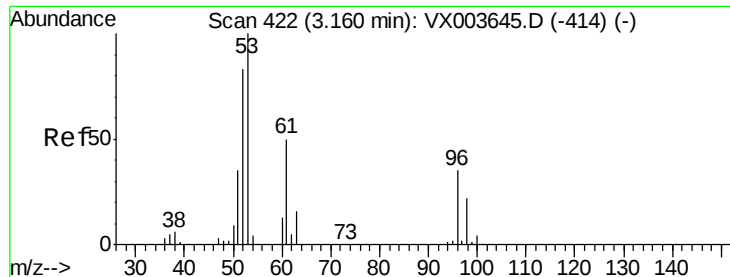
MMDadoda
7/27/2018 5:29:57 PM



#20
Methylene Chloride
Concen: 55.86 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 84 Resp: 84115
Ion Ratio Lower Upper
84 100
49 126.6 102.3 153.5
51 39.1 31.8 47.8
86 63.6 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 57.36 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

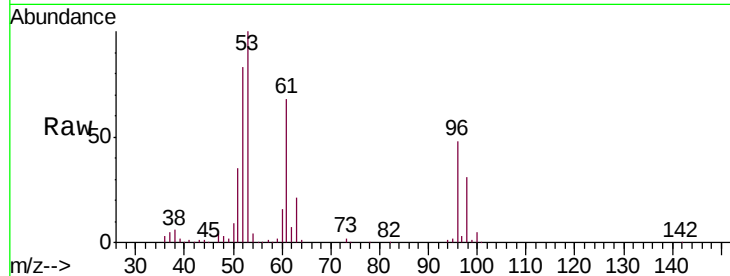
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	77900
Ion	Ratio	Lower	Upper
96	100		
61	140.1	115.0	172.4
98	63.8	49.7	74.5

Manual Integrations
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MMDadoda
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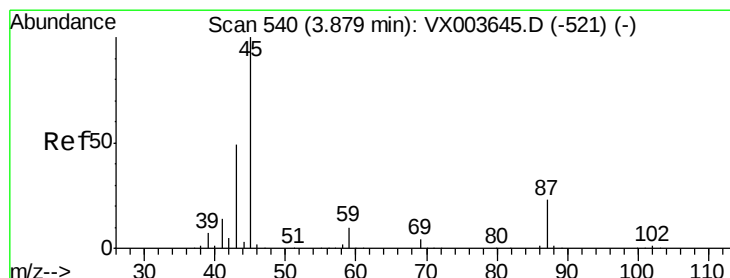
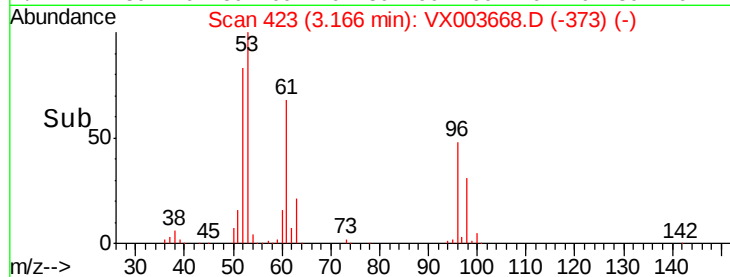
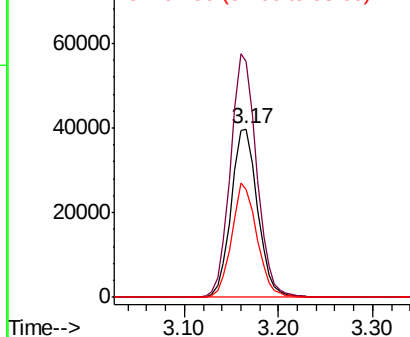


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 58.43 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	45	Resp:	280881
Ion	Ratio	Lower	Upper
45	100		
43	56.1	39.0	58.4
87	26.6	18.4	27.6
59	11.6	7.8	11.8

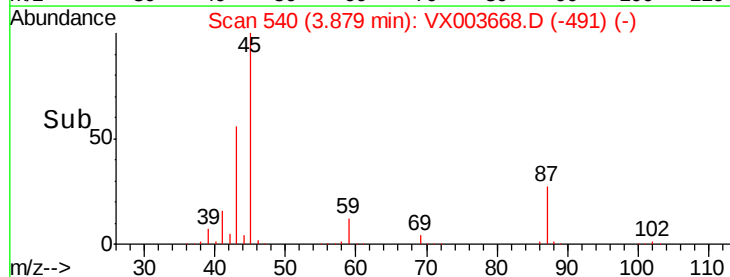
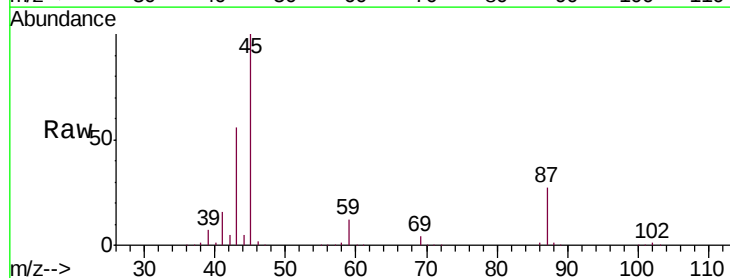
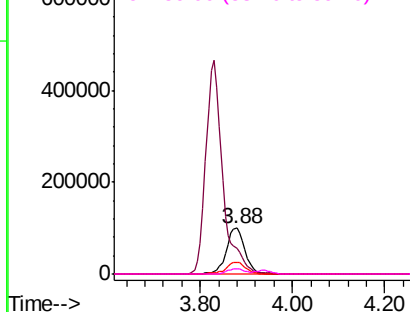
Abundance

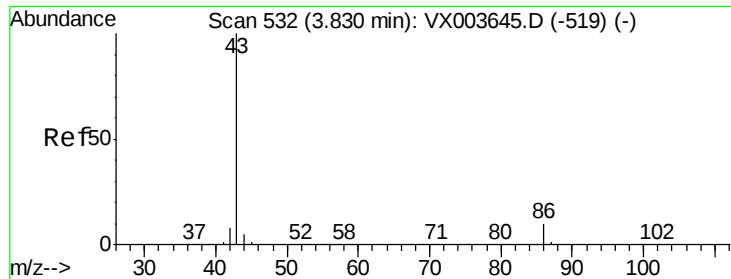
Ion 45.00 (44.70 to 45.70): VX0

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: 290.18 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleID :

VSTDCCC050EC

Tot Ion: 43 Resp: 1195010

Ion Ratio Lower Upper

43 100

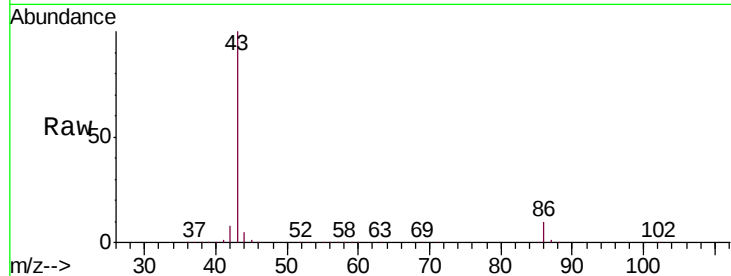
86 10.0 7.7 11.5

Manual Integrations

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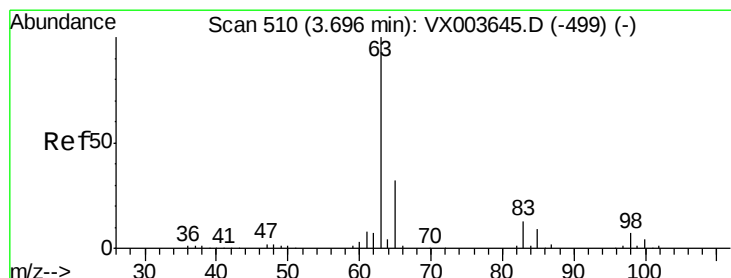
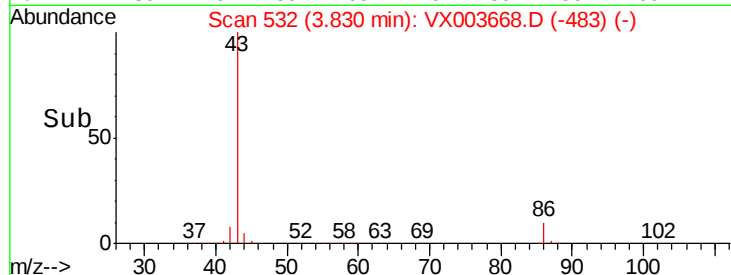
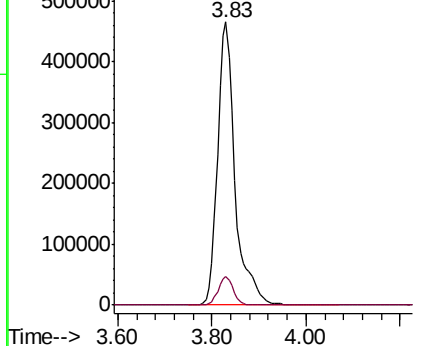
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.61 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

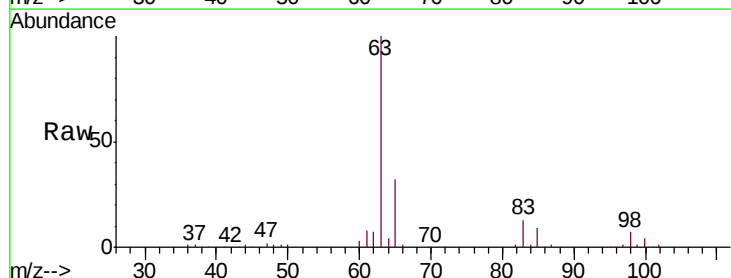
Tgt Ion: 63 Resp: 150677

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

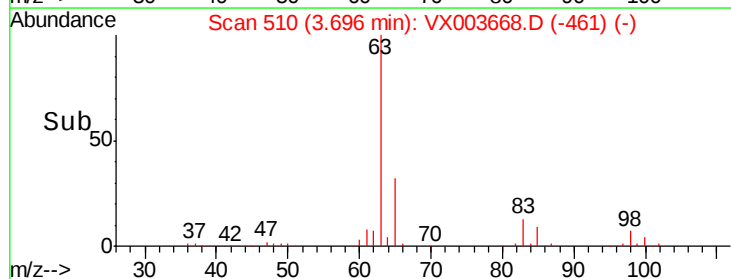
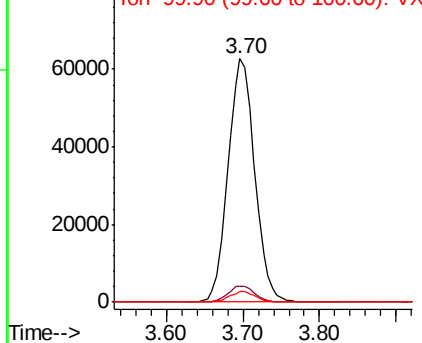
100 4.2 2.1 6.3

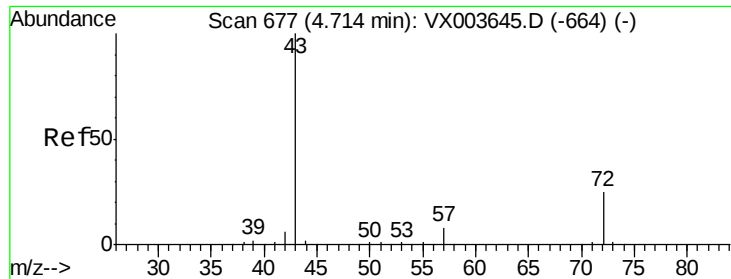


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 277.05 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 325253

Ion Ratio Lower Upper

43 100

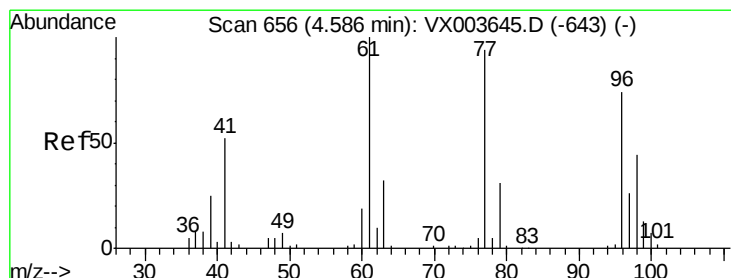
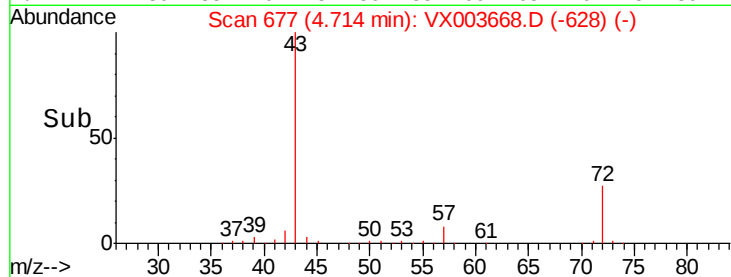
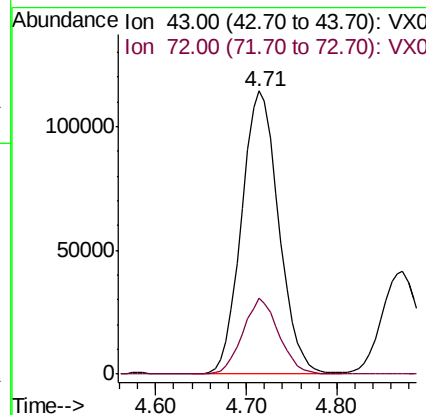
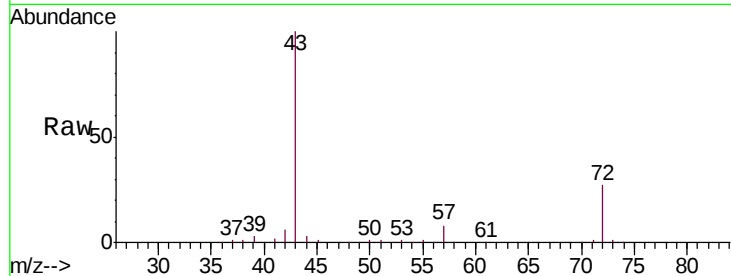
72 26.9 20.2 30.4

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 52.34 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003668.D

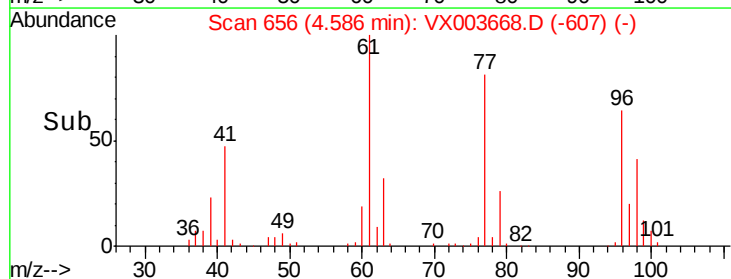
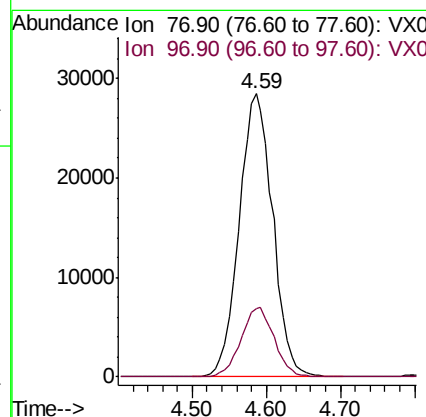
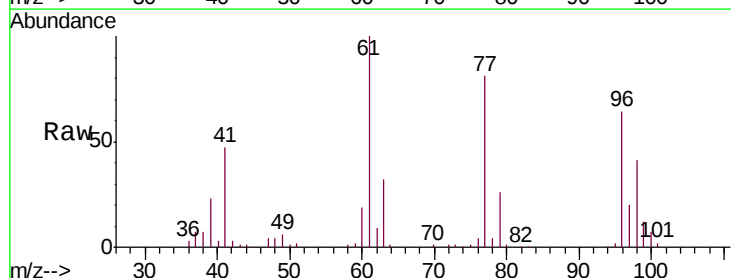
Acq: 25 Jul 2018 19:57

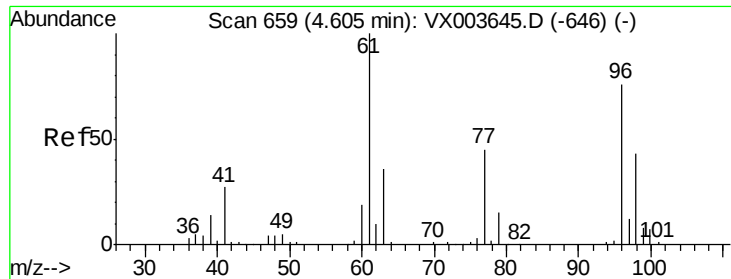
Tgt Ion: 77 Resp: 89658

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.0





#27

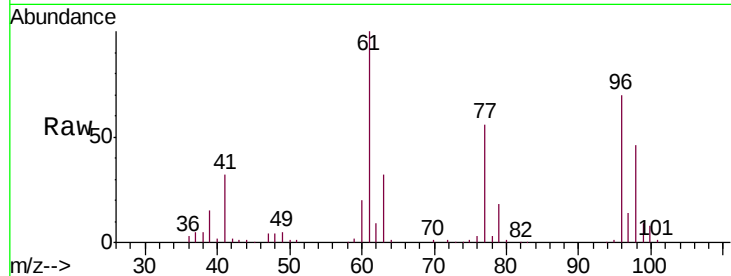
cis-1,2-Dichloroethene
Concen: 56.62 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

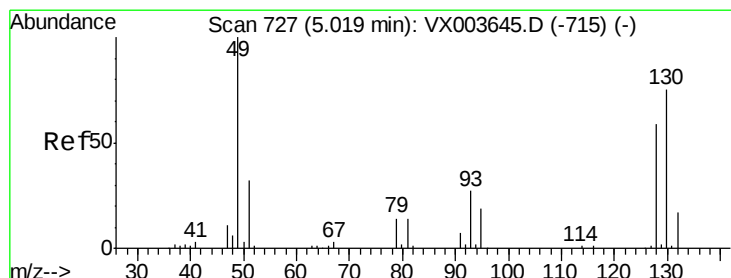
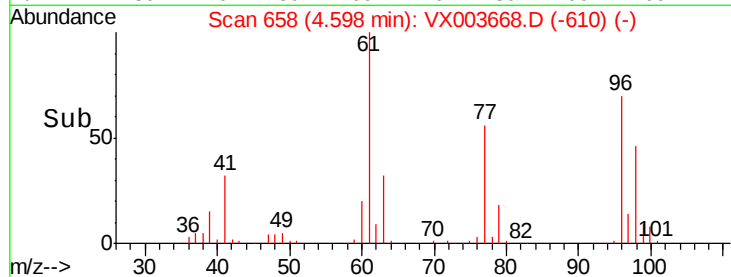
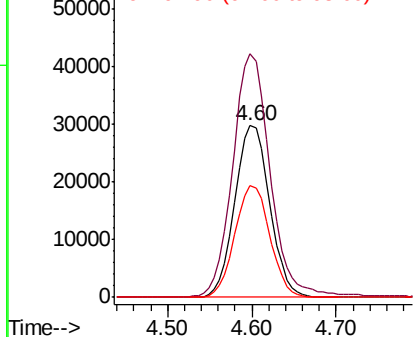
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	313.6
98	65.3	0.0	125.6

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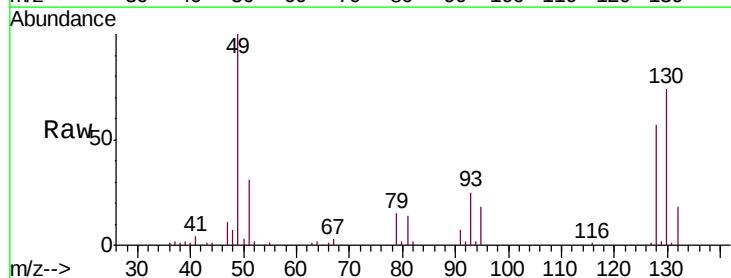
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



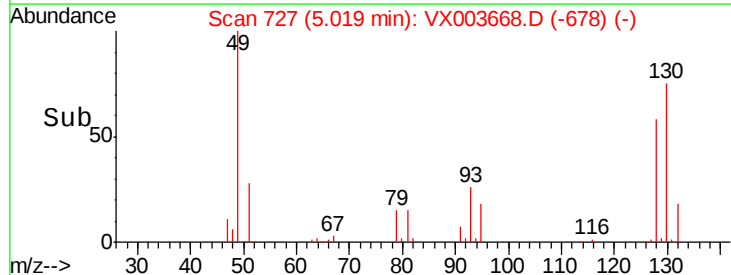
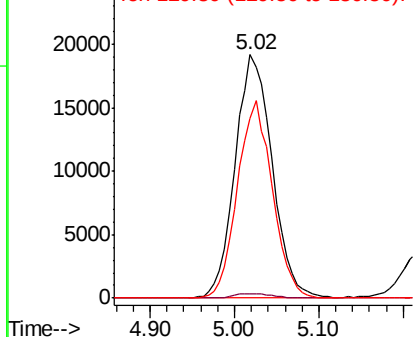
#28

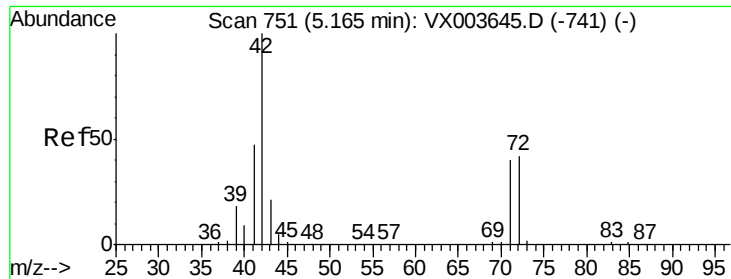
Bromochloromethane
Concen: 52.53 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.2
130	76.4	61.0	91.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





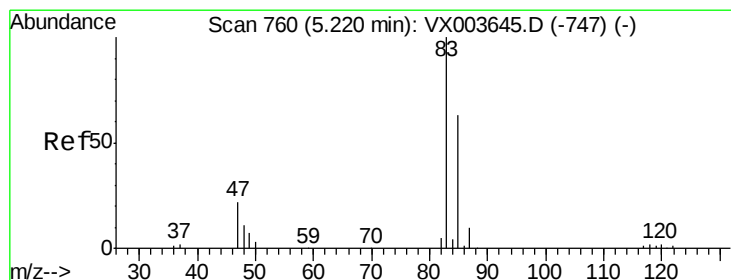
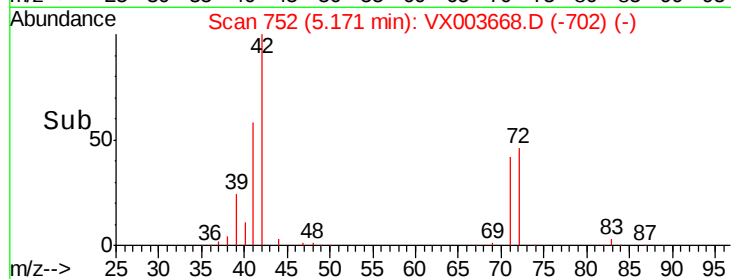
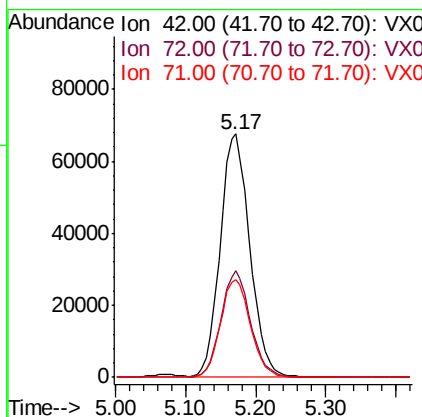
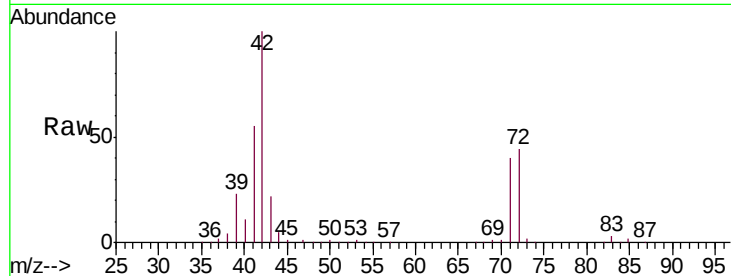
#29
Tetrahydrofuran
Concen: 259.83 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	33.4	50.0
71	40.6	31.0	46.6

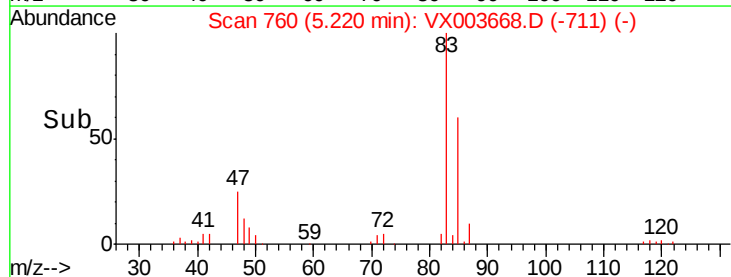
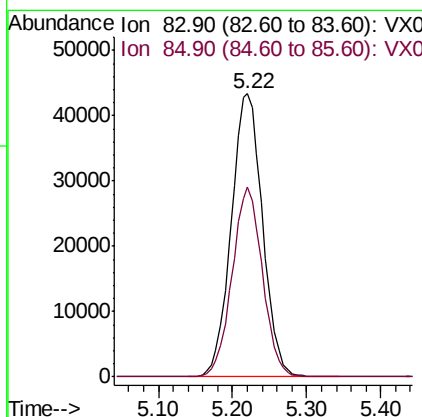
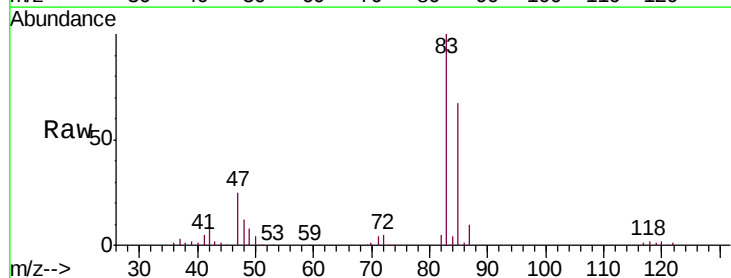
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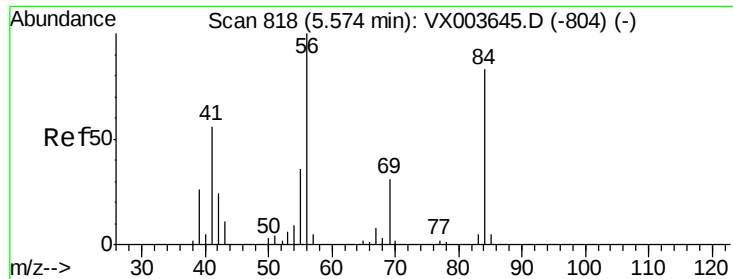
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#30
Chloroform
Concen: 51.90 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	50.2	75.4





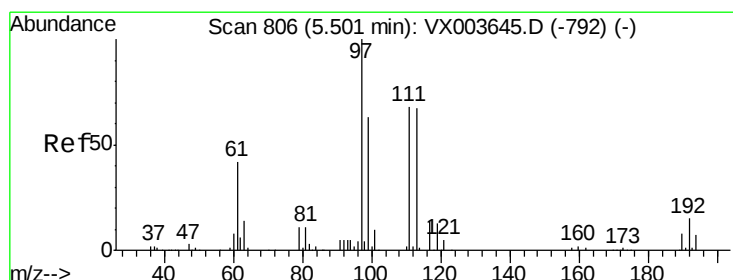
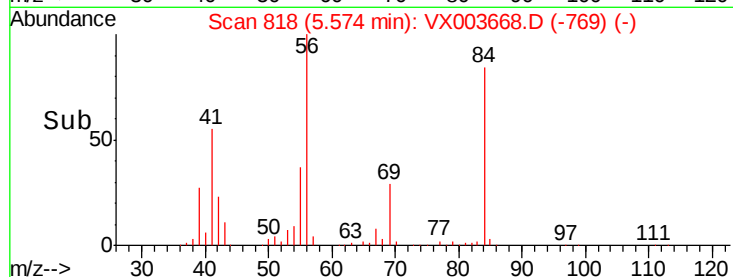
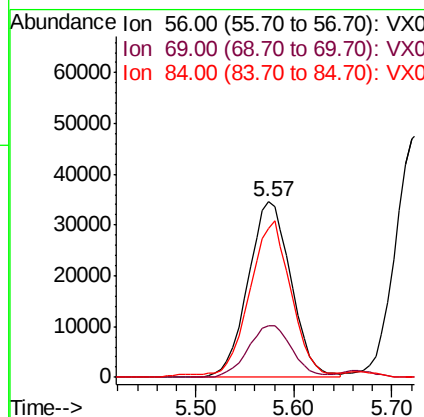
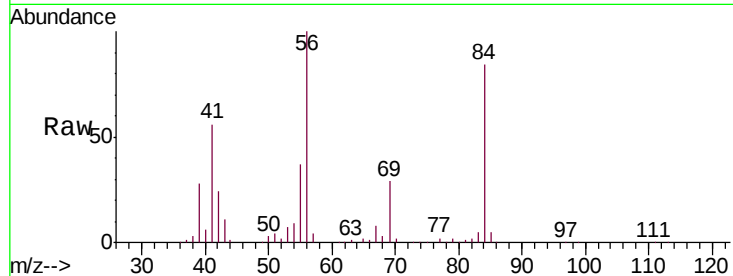
#31
Cyclohexane
Concen: 48.48 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.6
84	82.8	66.5	99.7

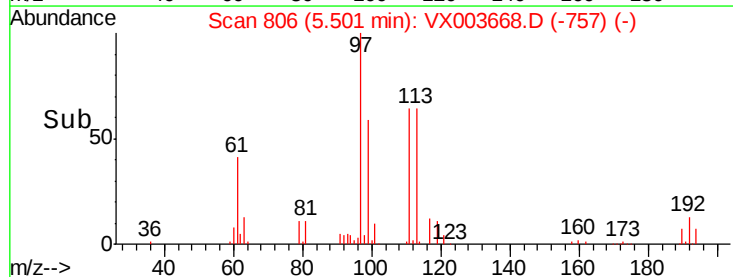
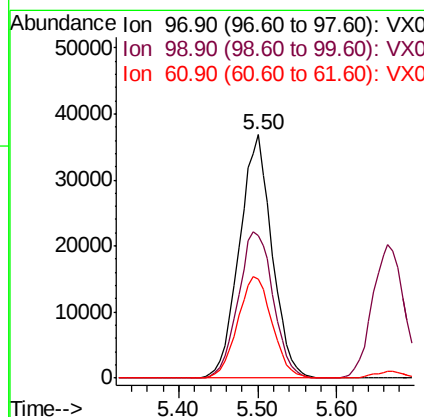
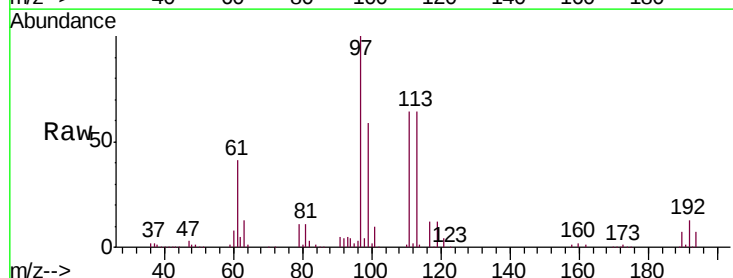
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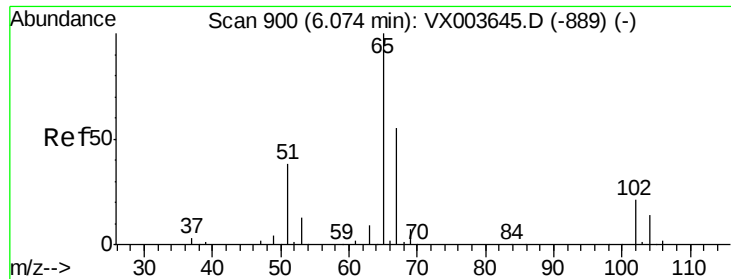
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#32
1,1,1-Trichloroethane
Concen: 51.82 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.4	75.6
61	44.3	34.5	51.7





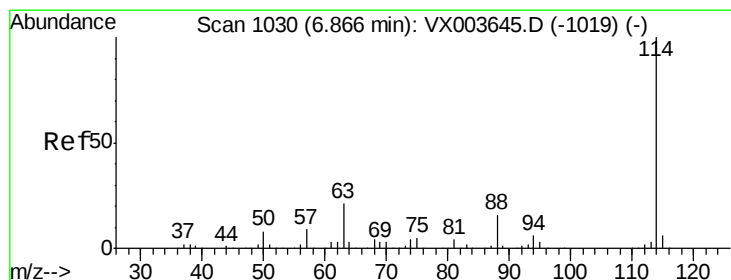
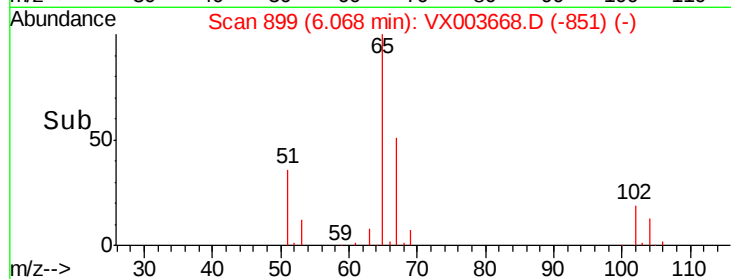
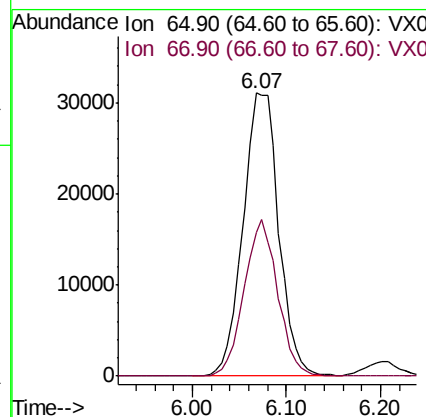
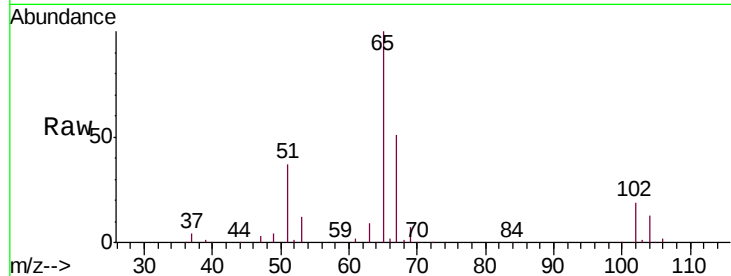
#33
 1,2-Dichloroethane-d4
 Concen: 51.02 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.8

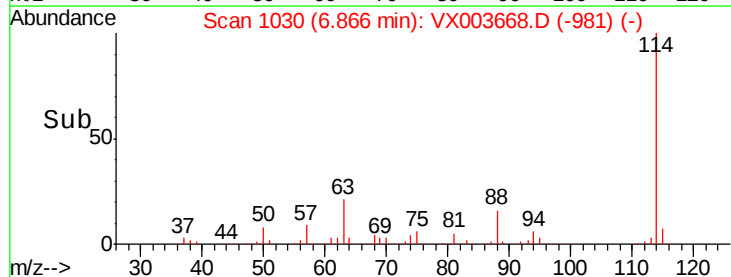
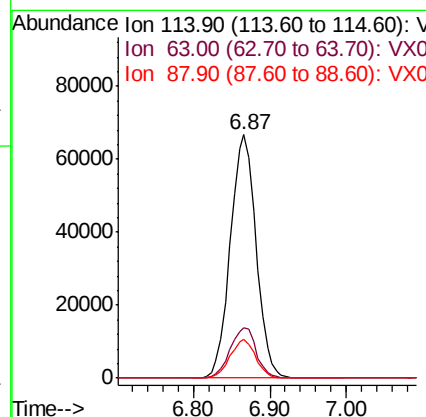
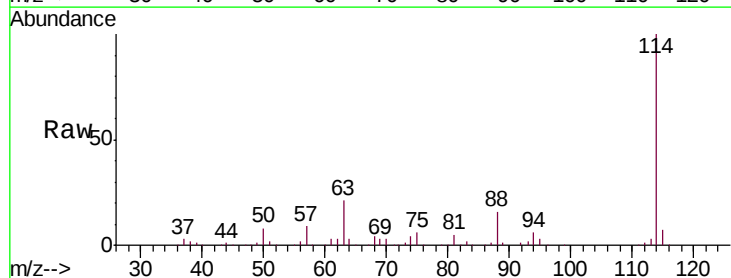
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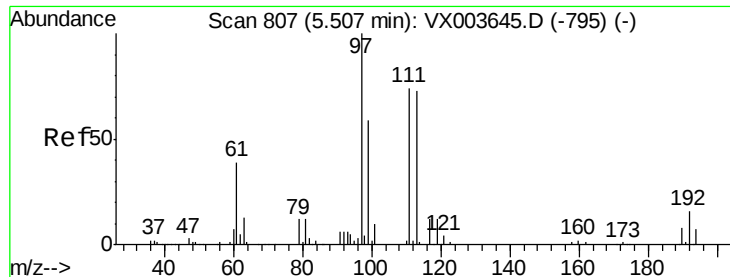
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.0
88	16.0	0.0	31.8





#35

Dibromofluoromethane

Concen: 53.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

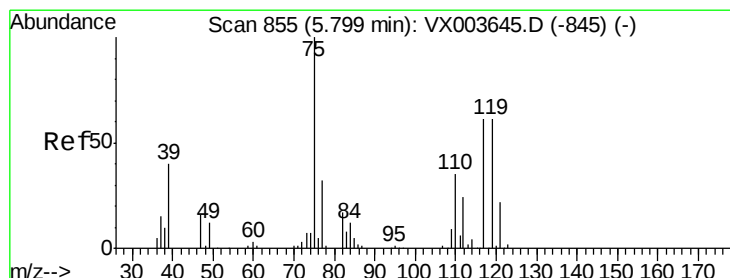
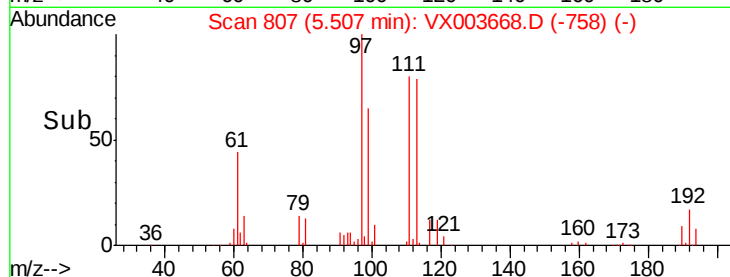
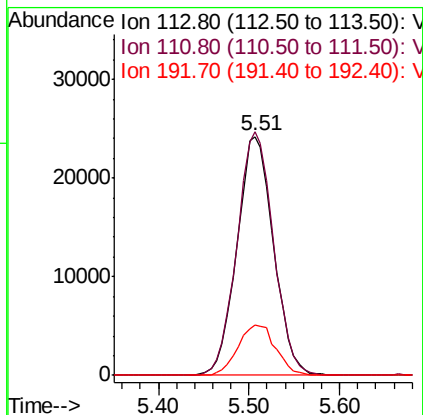
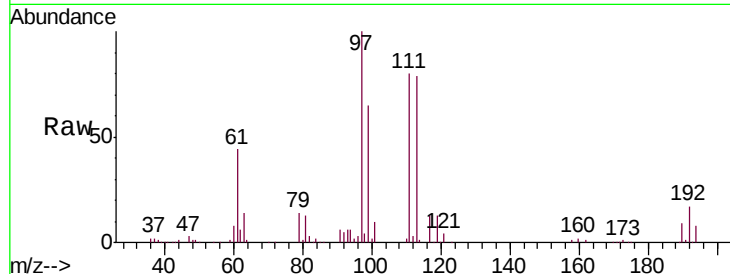
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	67465
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.2	121.8
192	21.7	18.2	27.4

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#36

1,1-Dichloropropene

Concen: 49.13 ug/l

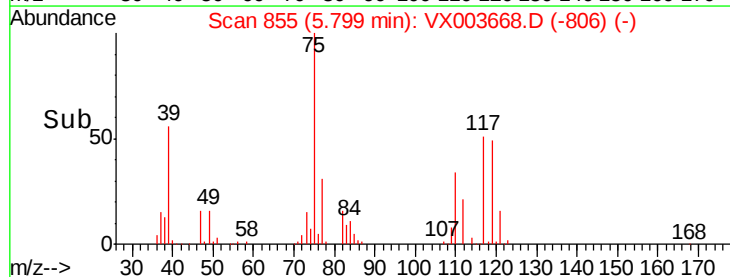
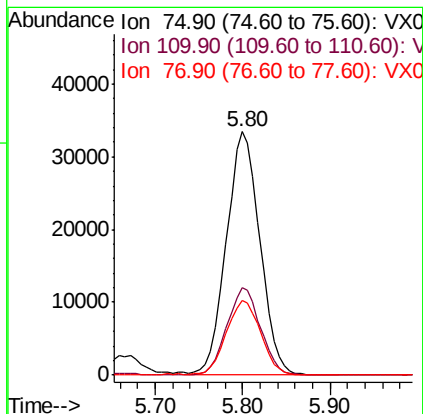
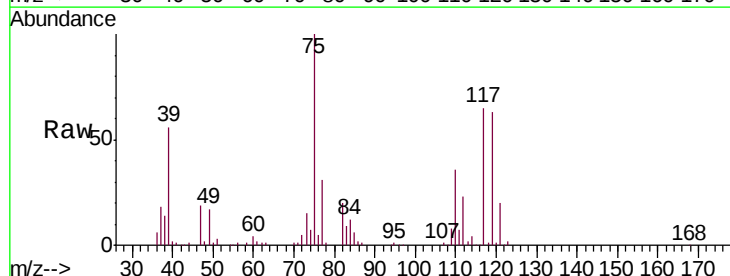
RT: 5.80 min Scan# 855

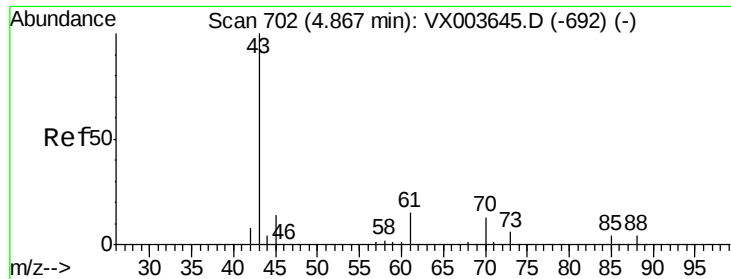
Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	75	Resp:	89267
Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.1	54.1
77	31.3	25.1	37.7





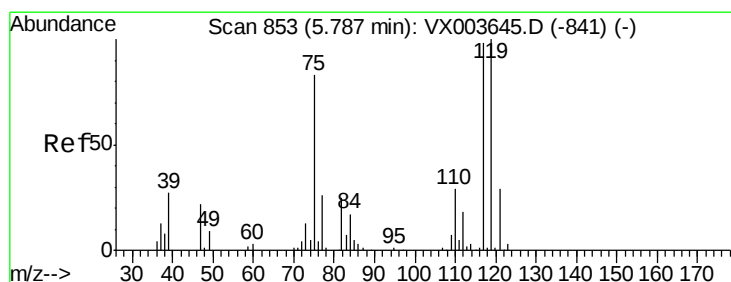
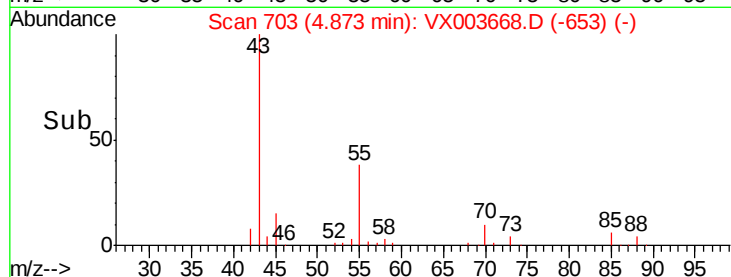
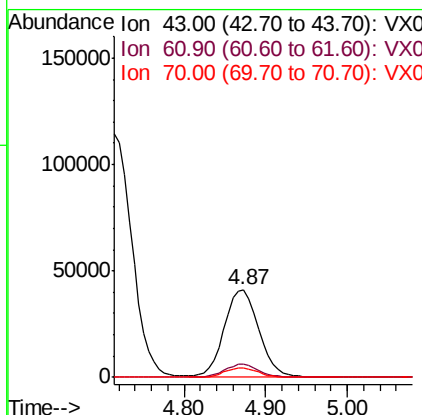
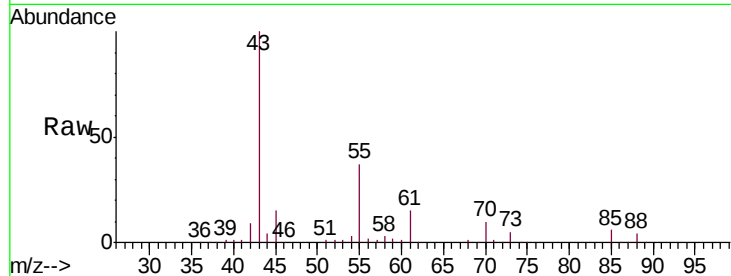
#37
Ethyl Acetate
Concen: 55.38 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	10.6	8.6	12.8

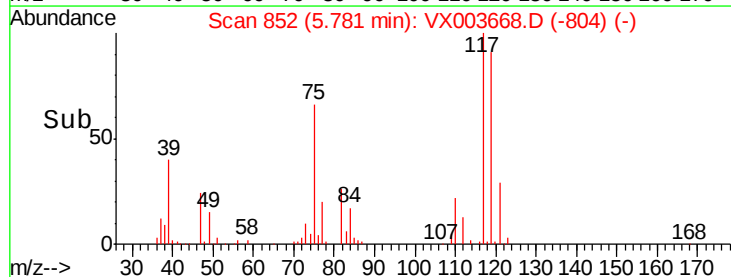
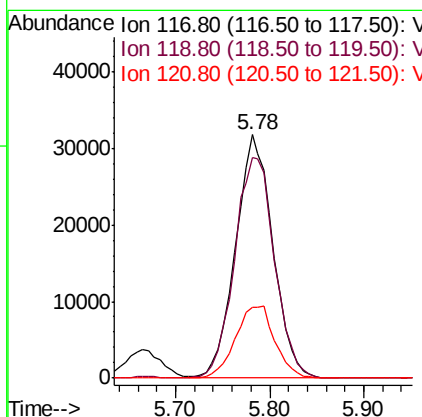
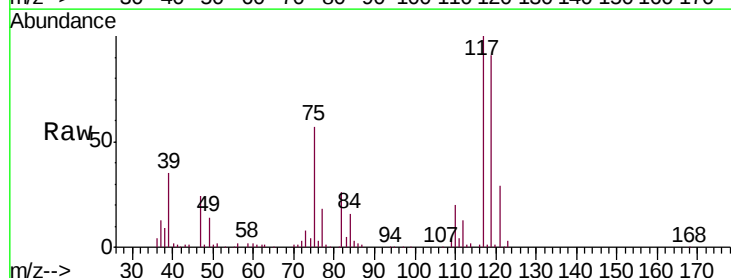
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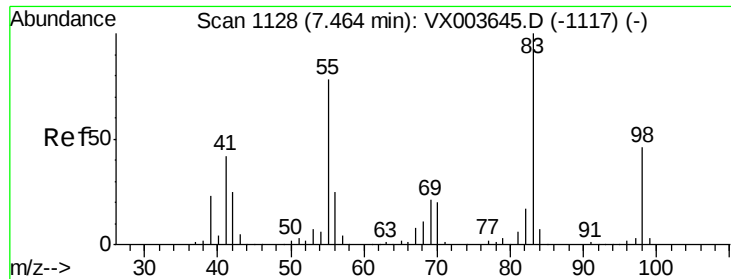
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#38
Carbon Tetrachloride
Concen: 50.40 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	81.0	121.4
121	28.9	23.7	35.5





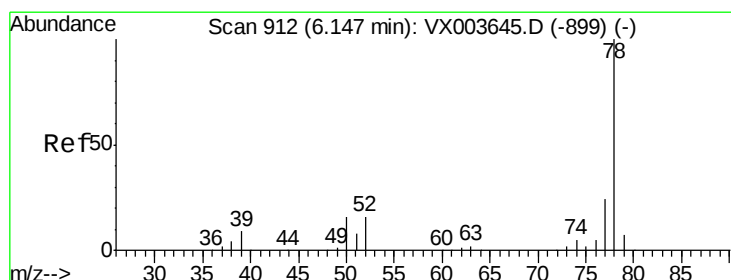
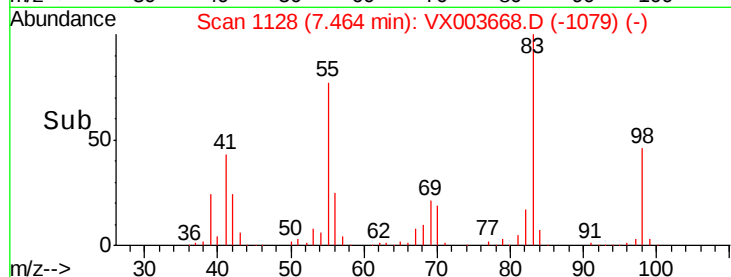
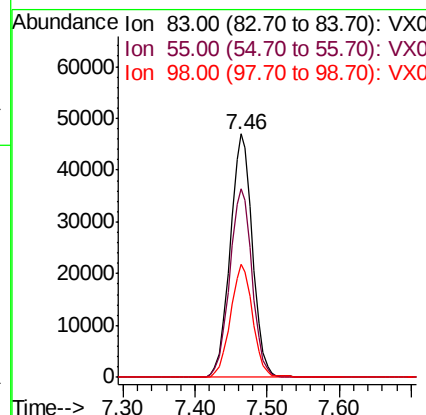
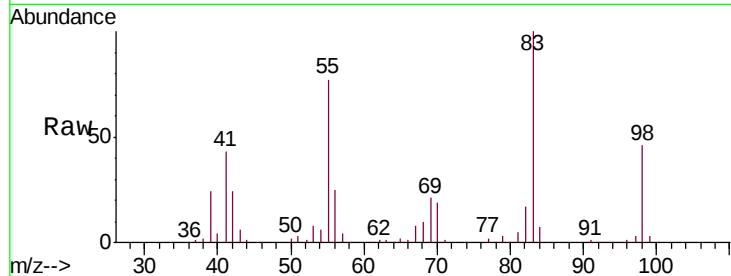
#39
Methvlcvclohexane
Concen: 50.56 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	62.6	93.8
98	46.4	36.6	55.0

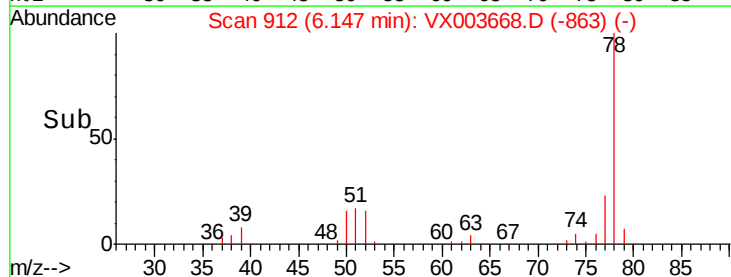
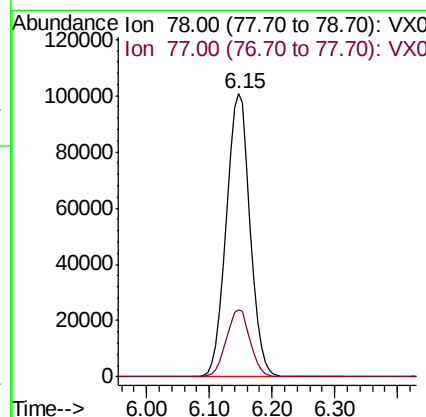
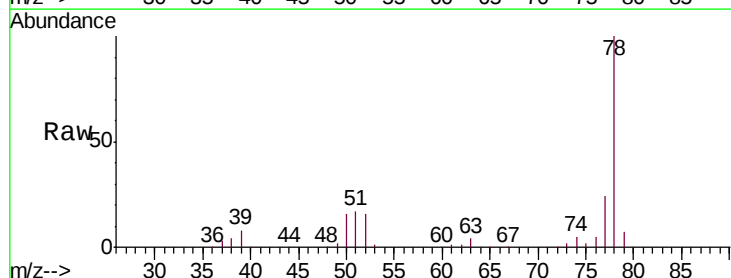
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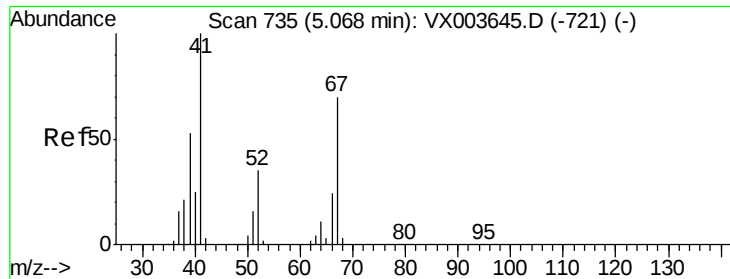
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7/27/2018 5:29:57 PM



#40
Benzene
Concen: 48.97 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6





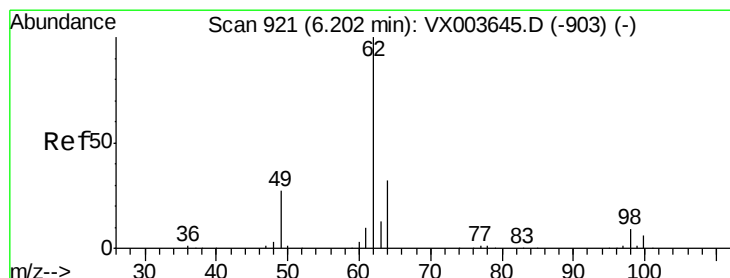
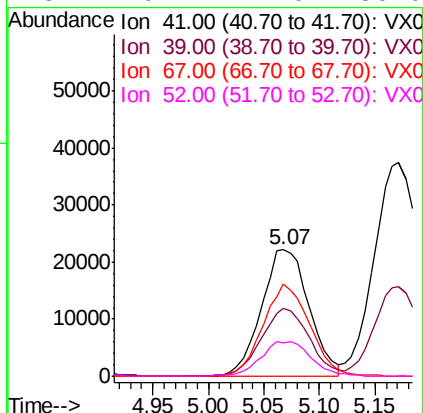
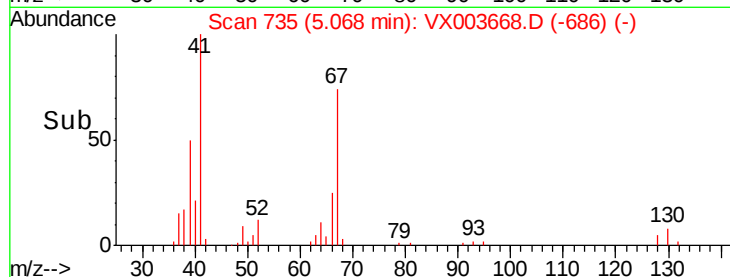
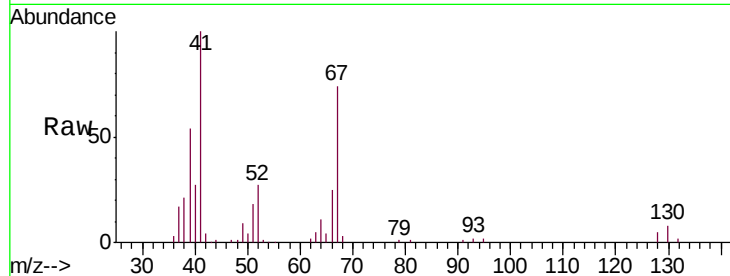
#41
Methacrylonitrile
Concen: 54.51 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	65949
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.4
67	71.4	56.6	84.8
52	29.2	24.0	36.0

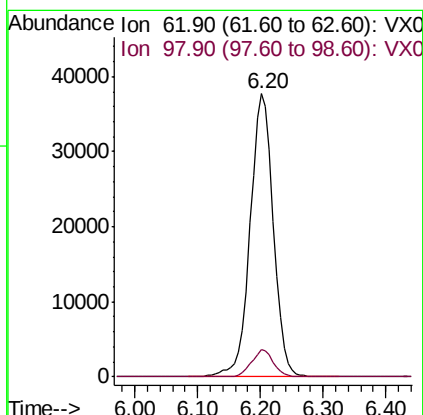
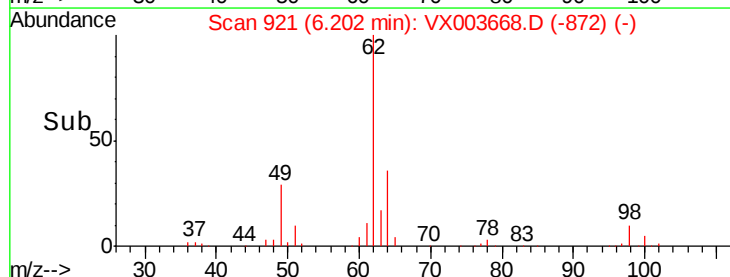
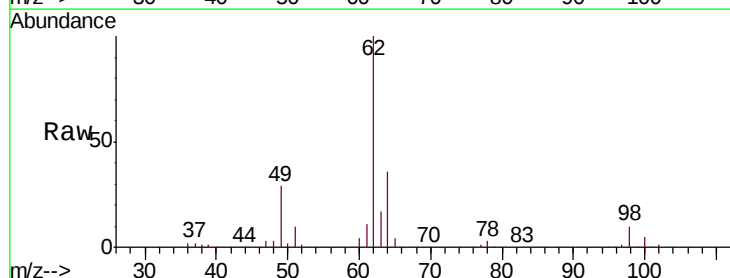
Manual Integrations
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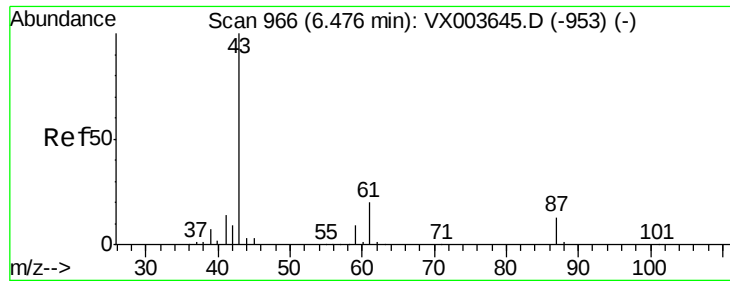
MMDadoda
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#42
1,2-Dichloroethane
Concen: 50.83 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:	62	Resp:	96201
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

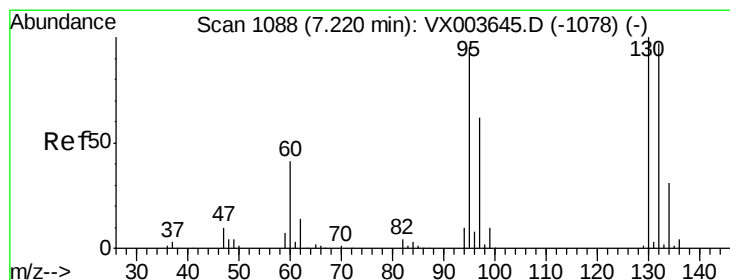
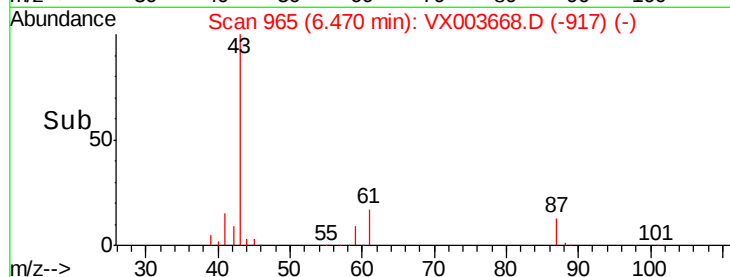
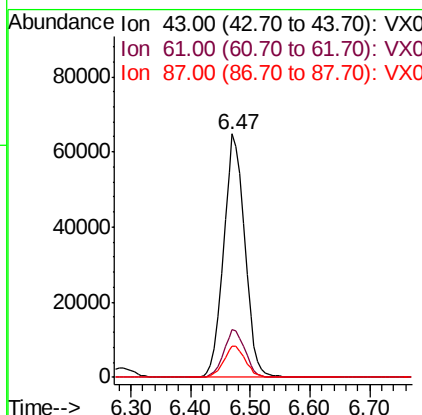
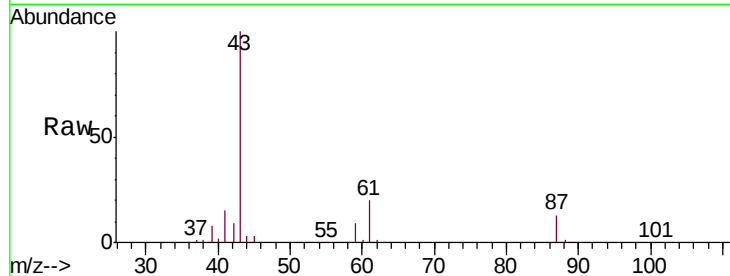
Isopropyl Acetate
 Concen: 50.09 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.9	23.9
87	13.1	10.1	15.1

Manual Integrations
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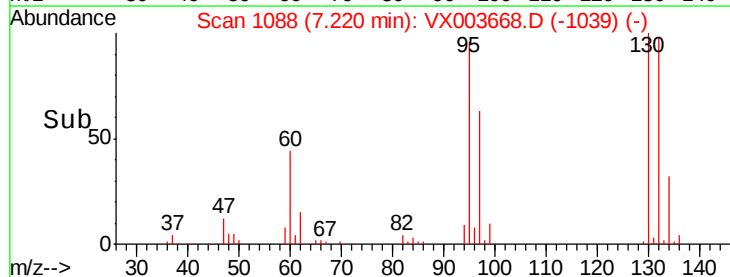
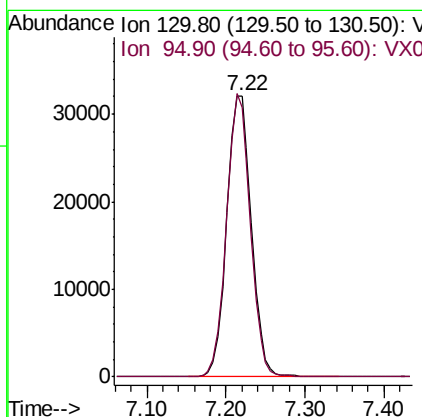
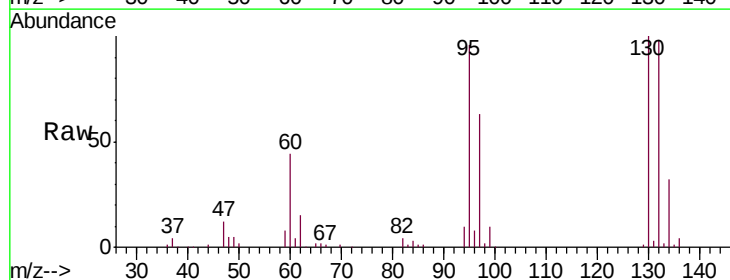
MMDadoda
 7/27/2018 5:29:57 PM



#44

Trichloroethene
 Concen: 48.33 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	190.0





#45

1,2-Dichloropropane

Concen: 50.23 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 69825

Ion Ratio Lower Upper

63 100

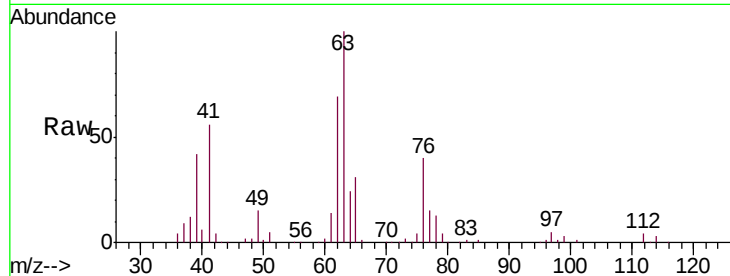
65 31.0 24.0 36.0

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

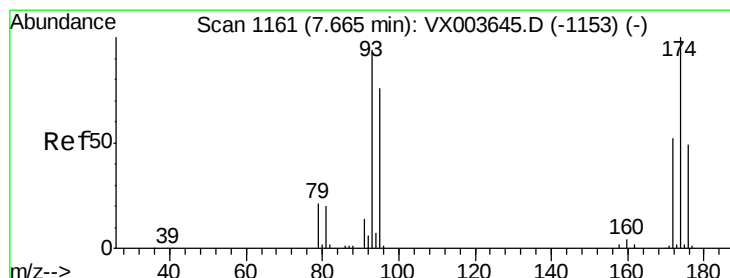
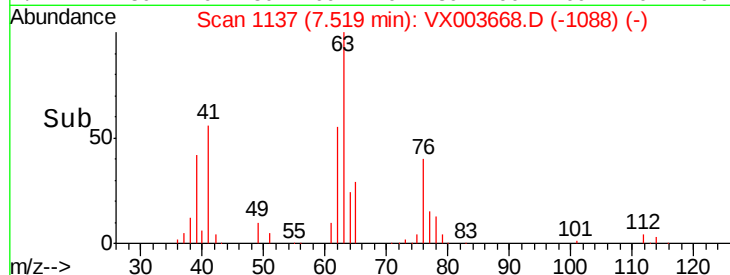
30000

20000

10000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 50.47 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

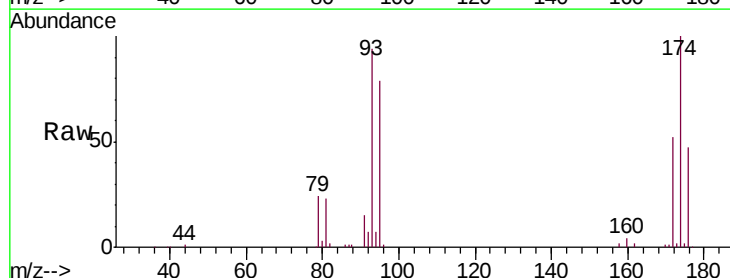
Tgt Ion: 93 Resp: 45070

Ion Ratio Lower Upper

93 100

95 83.5 67.0 100.6

174 110.5 89.6 134.4



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

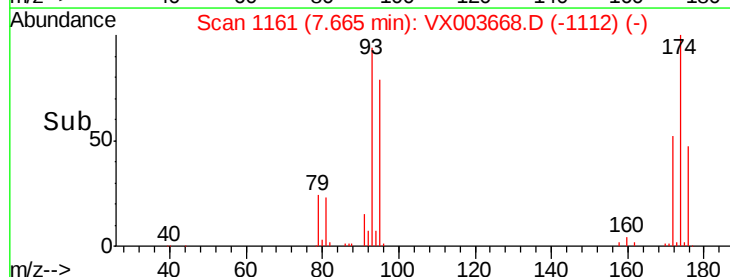
30000

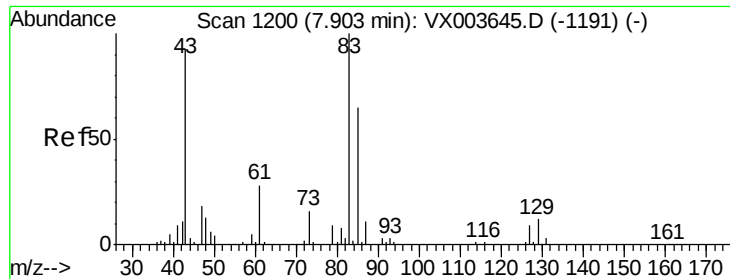
20000

10000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 51.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

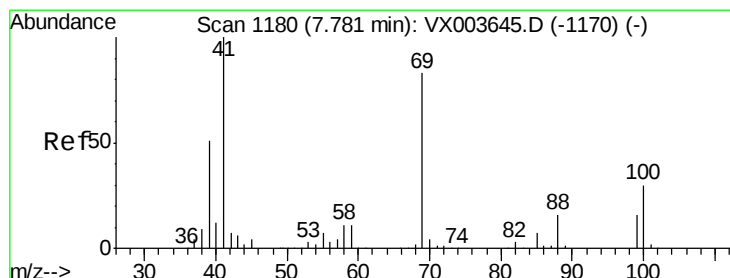
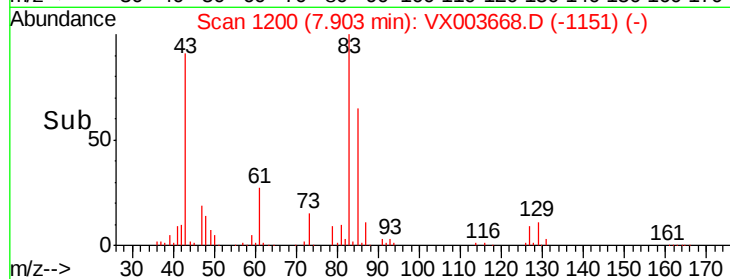
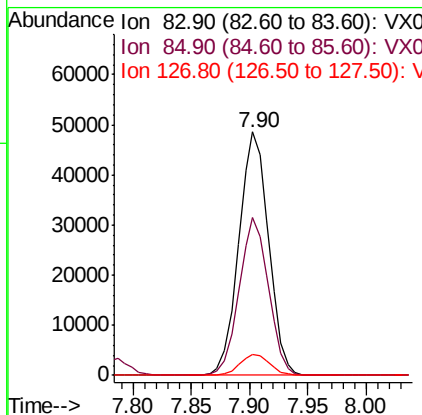
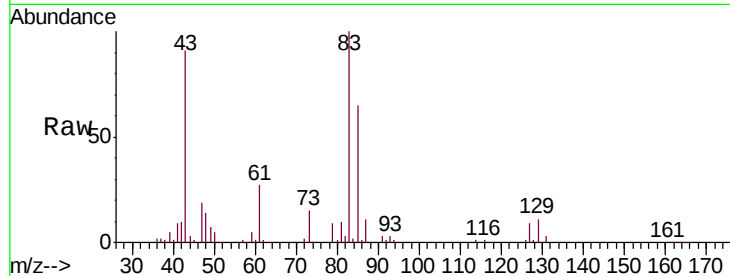
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	86631
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.8	77.6
127	8.7	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.86 ug/l

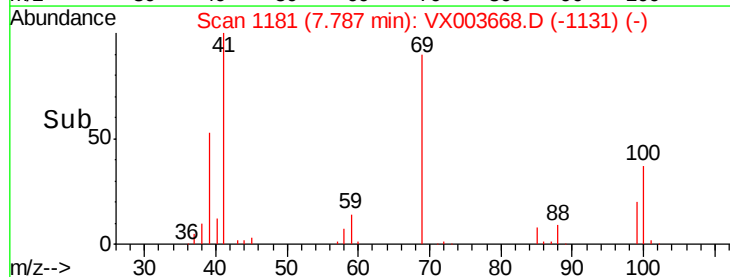
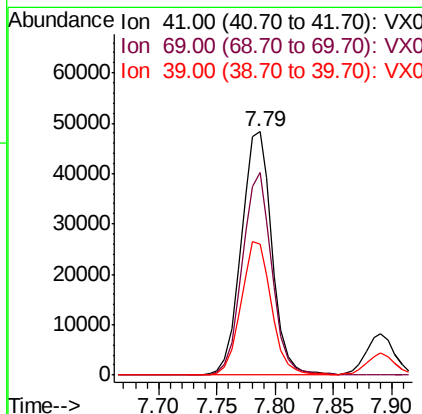
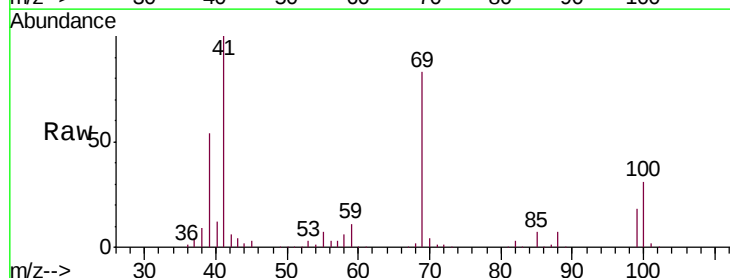
RT: 7.79 min Scan# 1181

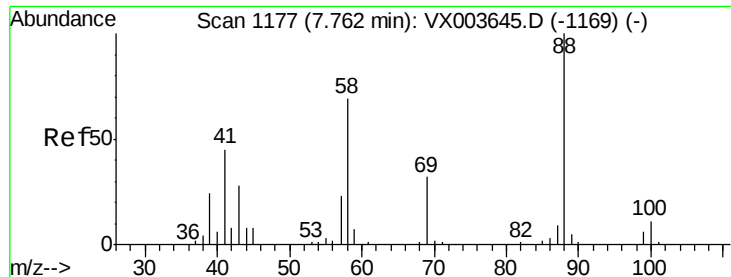
Delta R.T. 0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	41	Resp:	88737
Ion Ratio	Lower	Upper	
41	100		
69	80.4	66.9	100.3
39	54.4	41.2	61.8





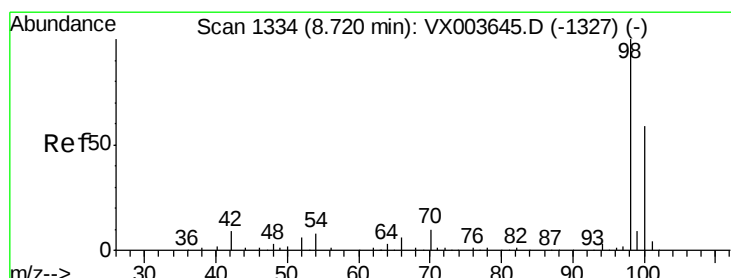
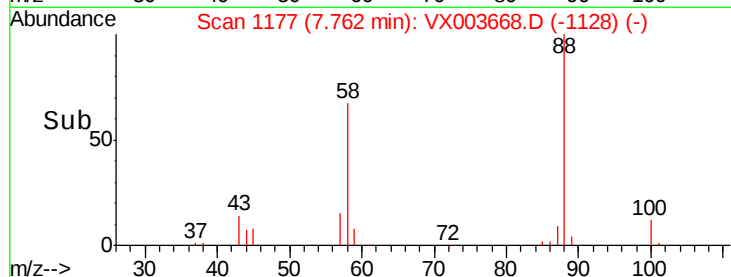
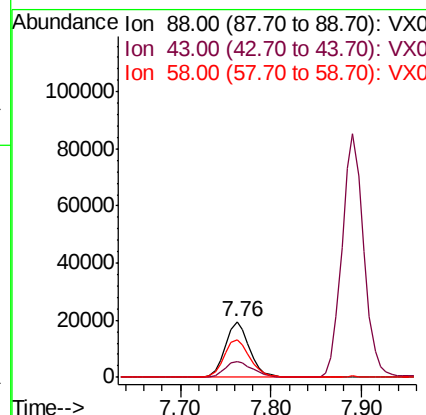
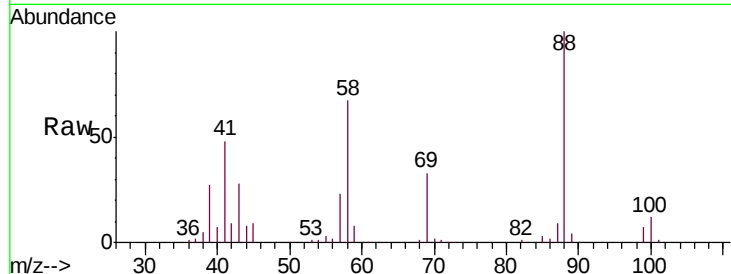
#49
1,4-Dioxane
Concen: 1011.93 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.3	25.8	38.6
58	71.5	58.3	87.5

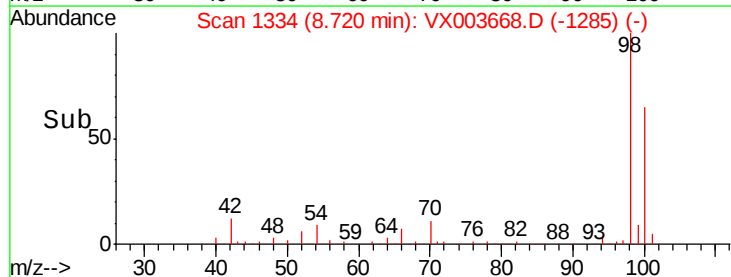
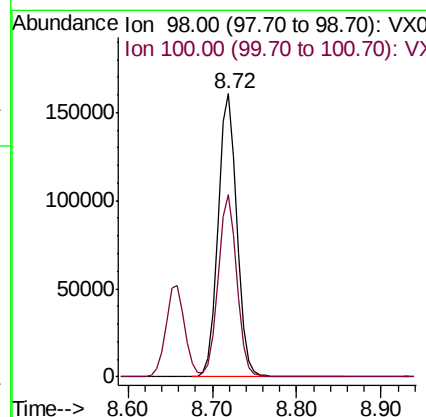
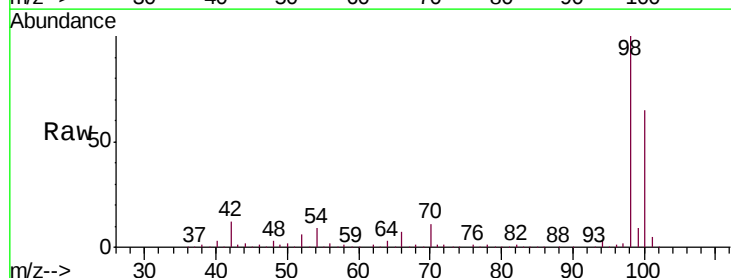
Manual Integrations
APPROVED

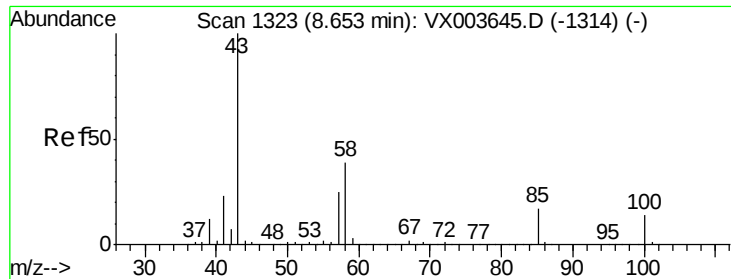
MMDadoda
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#50
Toluene-d8
Concen: 51.31 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 259.07 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 557178

Ion Ratio Lower Upper

43 100

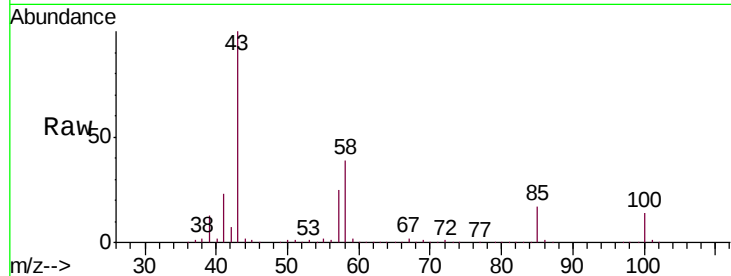
58 38.8 31.5 47.3

Manual Integrations

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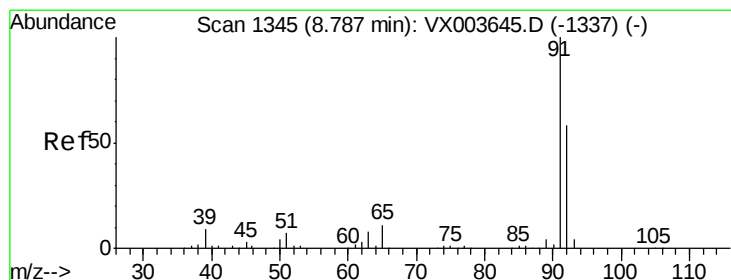
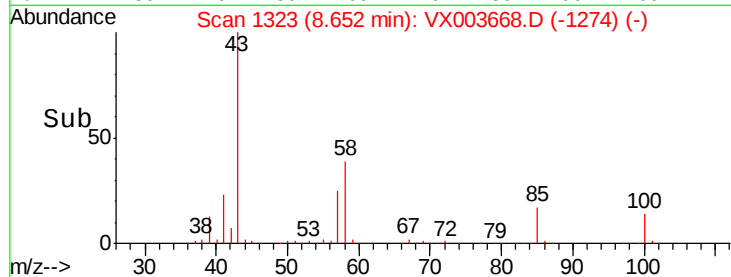
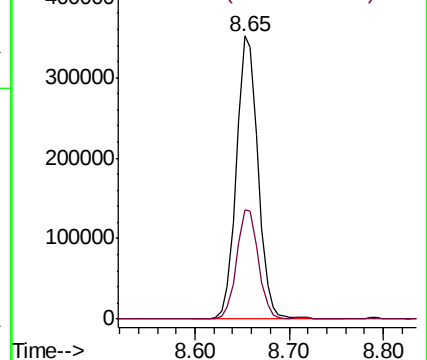
MMDadoda

7/27/2018 5:29:57 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.59 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003668.D

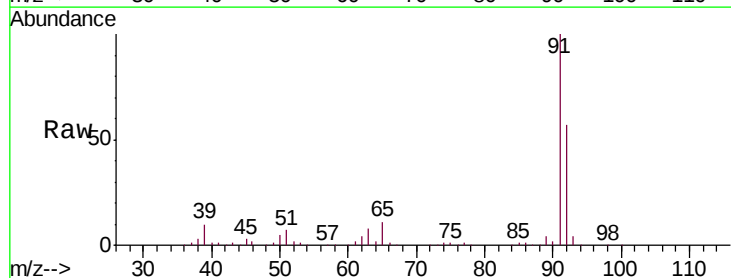
Acq: 25 Jul 2018 19:57

Tgt Ion: 92 Resp: 169083

Ion Ratio Lower Upper

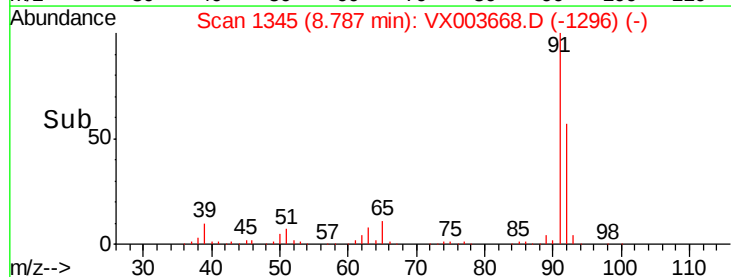
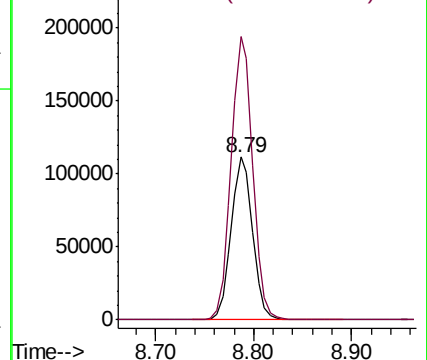
92 100

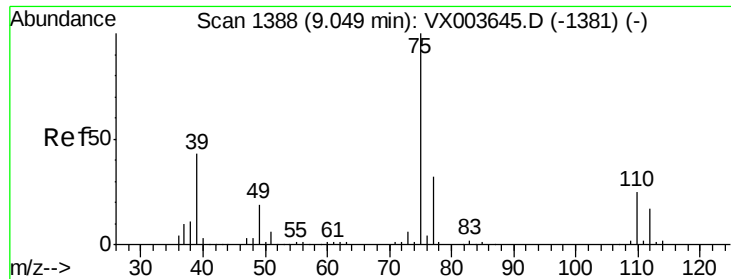
91 175.6 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





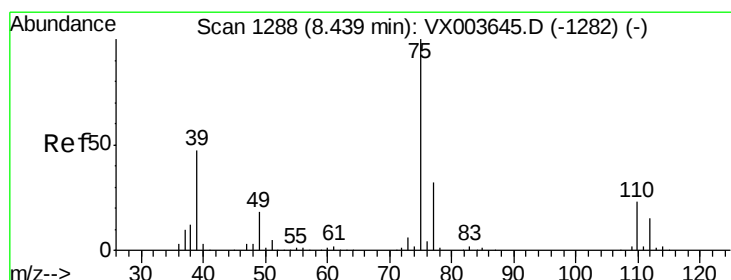
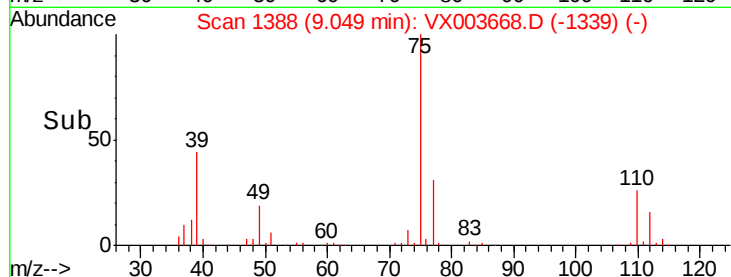
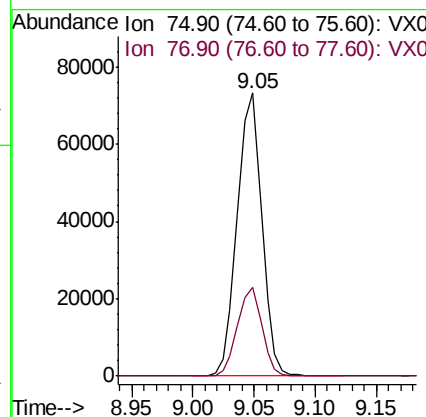
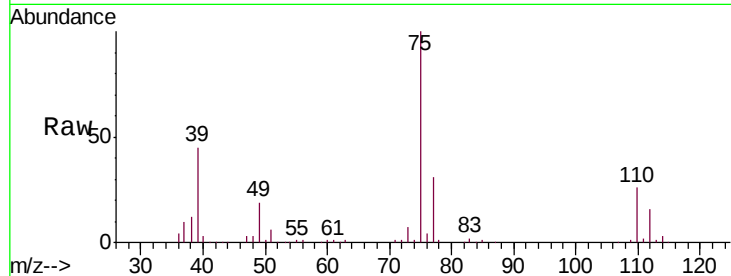
#53
 t-1,3-Dichloropropene
 Concen: 54.98 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 101915
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.8 38.6

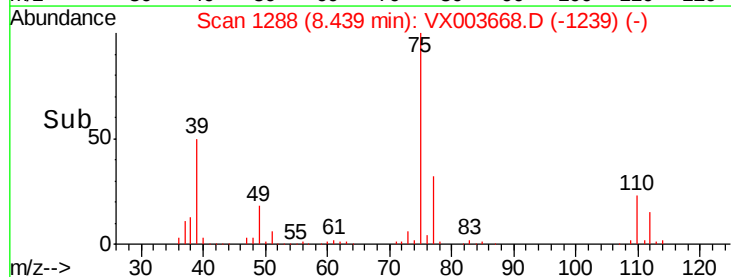
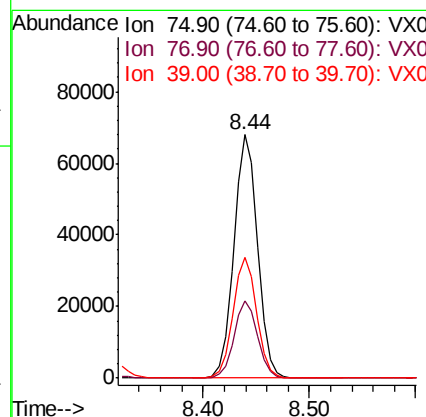
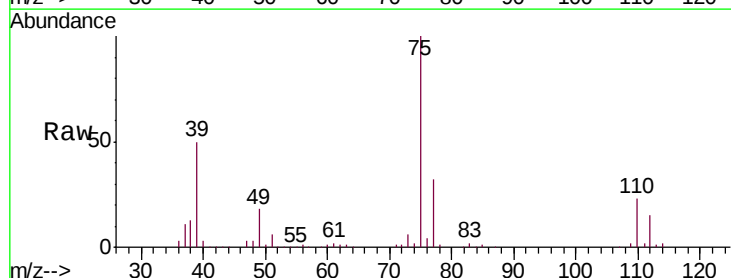
Manual Integrations
 APPROVED

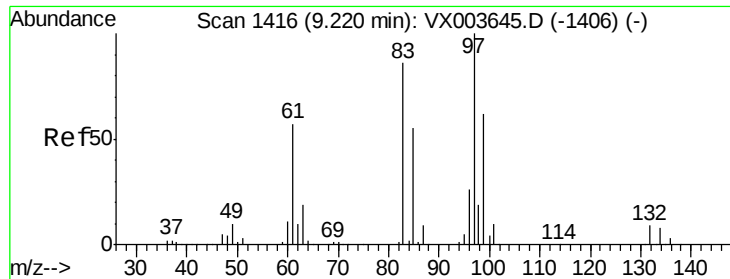
MMDadoda
 7/27/2018 5:29:57 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.90 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion: 75 Resp: 105855
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8
 39 49.8 38.0 57.0





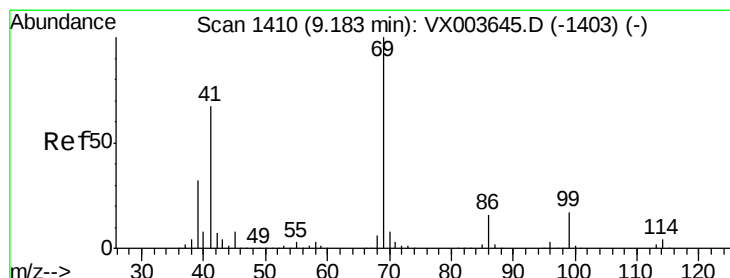
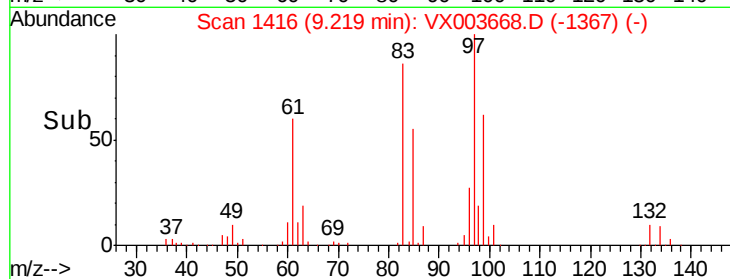
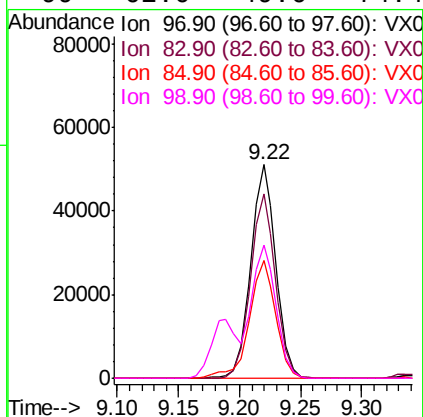
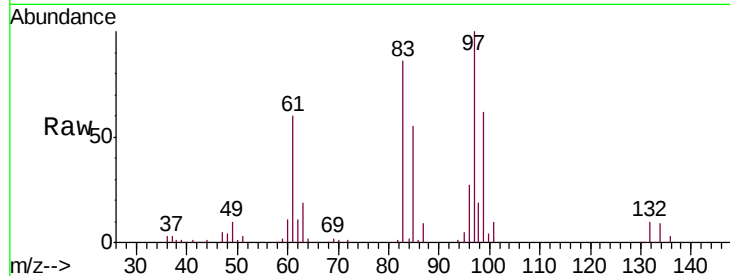
#55
 1,1,2-Trichloroethane
 Concen: 53.38 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	72931
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.7	103.1
85	55.3	43.7	65.5
99	62.0	49.6	74.4

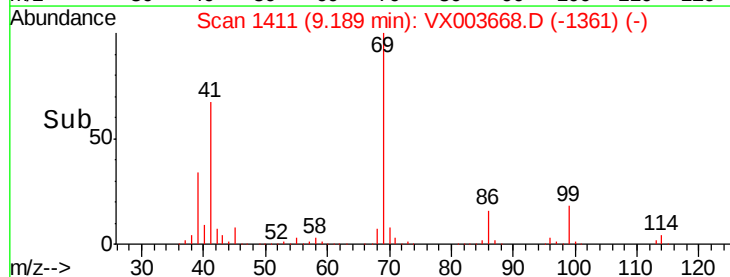
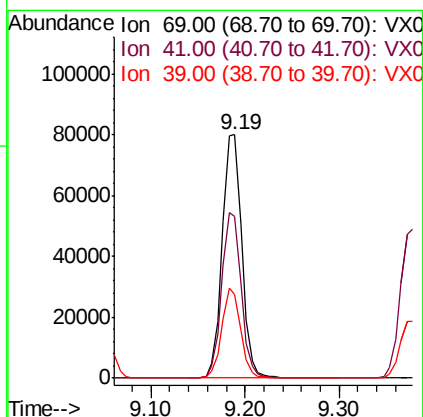
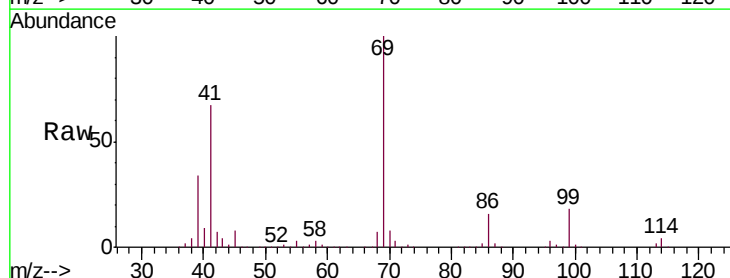
Manual Integrations
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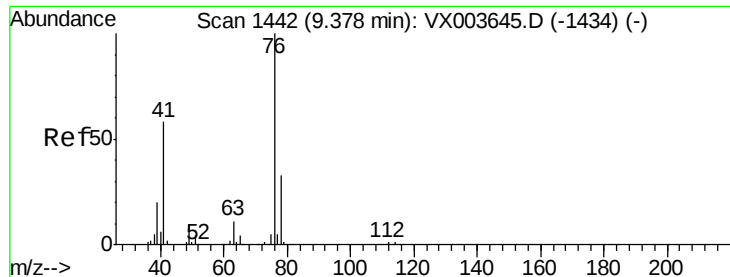
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#56
 Ethyl methacrylate
 Concen: 56.94 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion:	69	Resp:	115762
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.8	80.6
39	35.4	25.8	38.8





#57

1,3-Dichloropropane

Concen: 51.01 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 117034

Ion Ratio Lower Upper

76 100

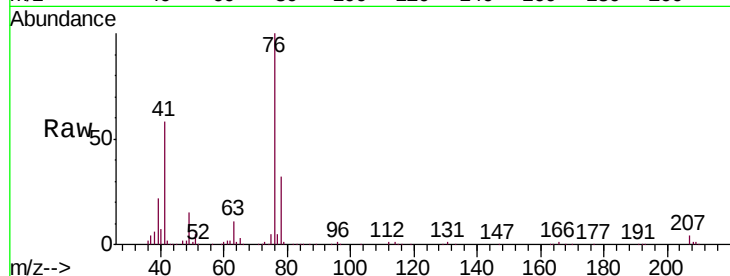
78 32.2 25.6 38.4

Manual Integrations

APPROVED

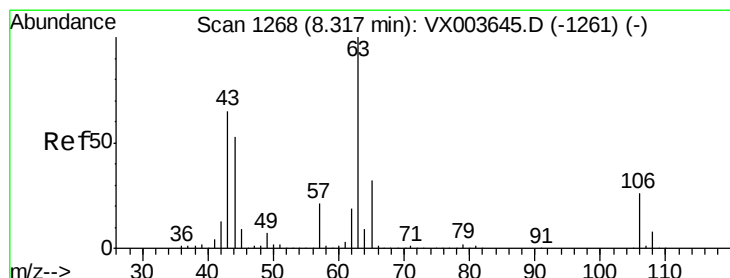
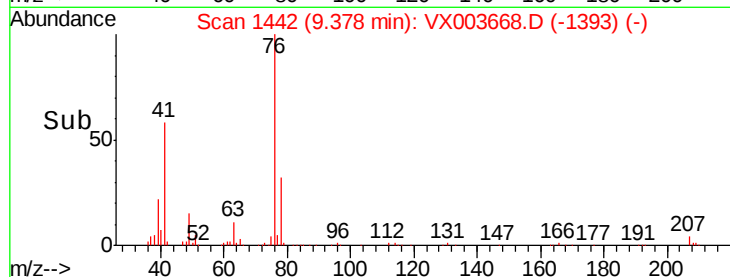
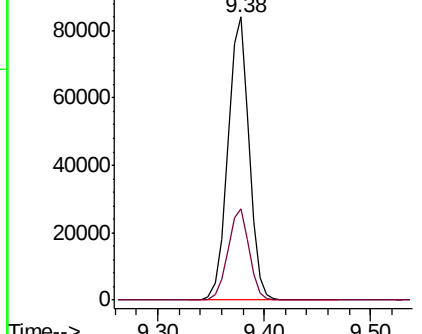
MMDadoda

7/27/2018 5:29:57 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 267.16 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003668.D

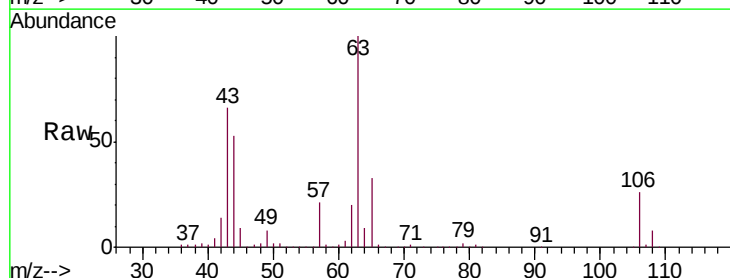
Acq: 25 Jul 2018 19:57

Tgt Ion: 63 Resp: 272961

Ion Ratio Lower Upper

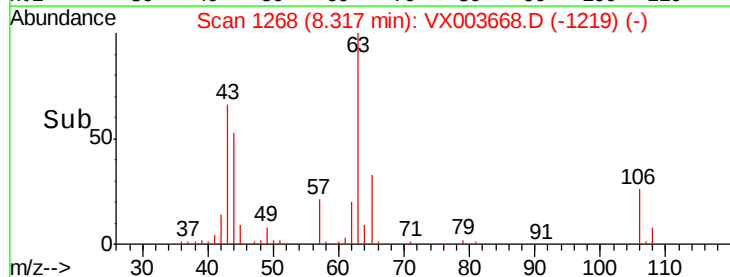
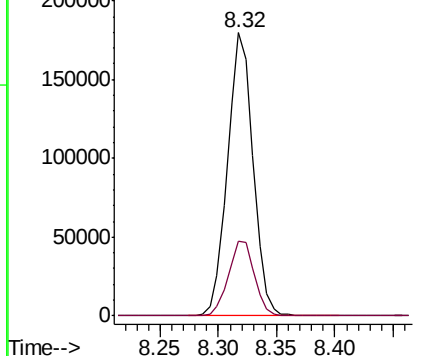
63 100

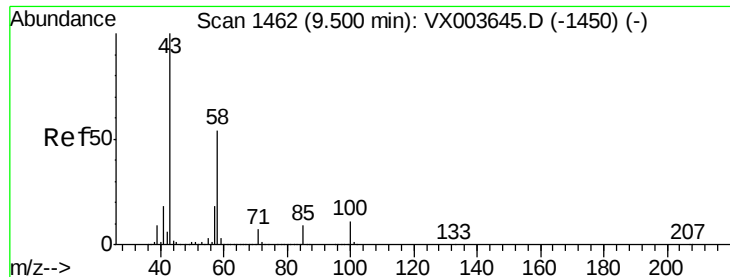
106 27.1 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





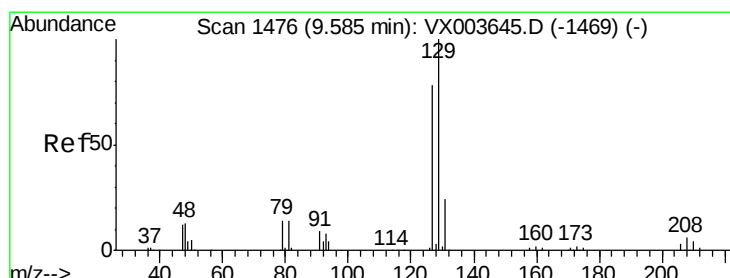
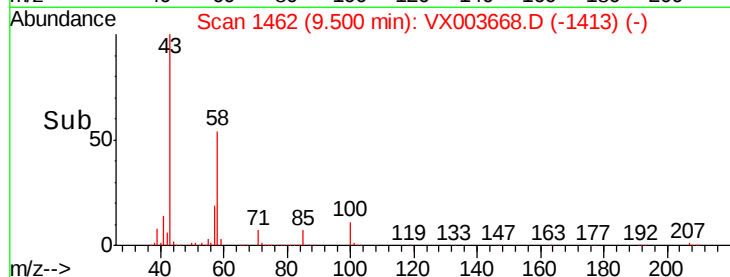
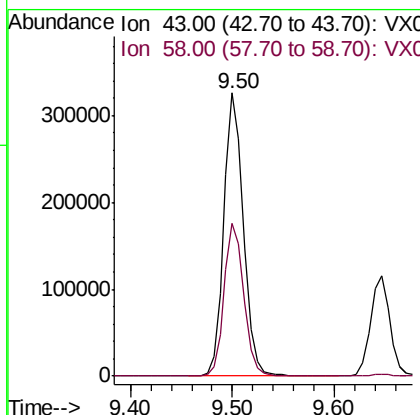
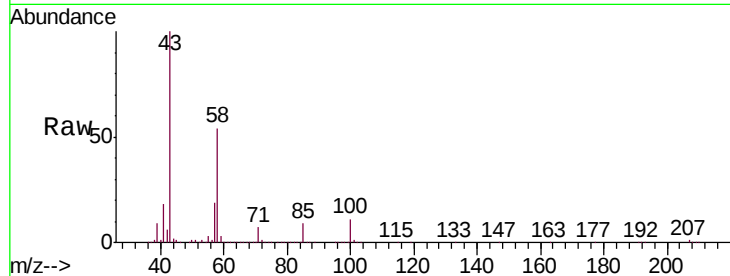
#59
2-Hexanone
Concen: 263.30 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	434382
Ion Ratio	100	Lower	Upper
43	100		
58	54.2	27.3	81.9

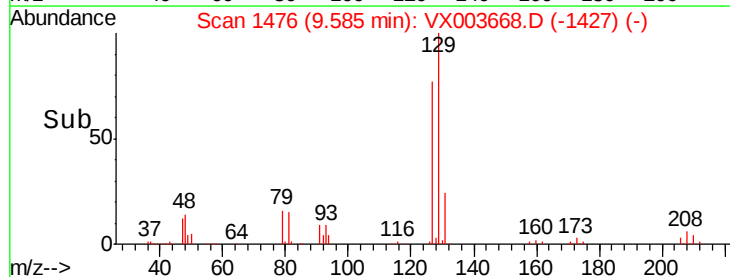
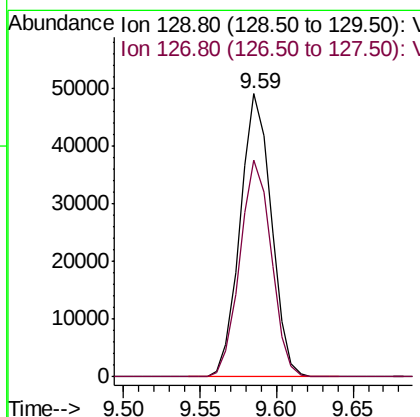
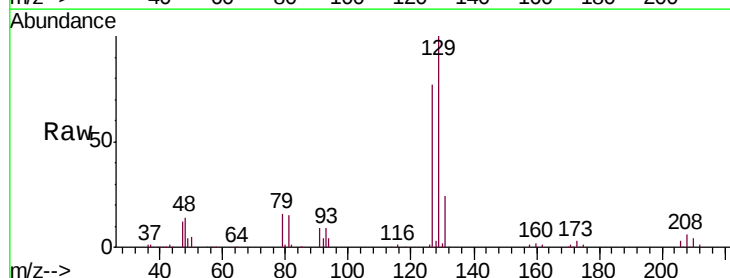
Manual Integrations
APPROVED

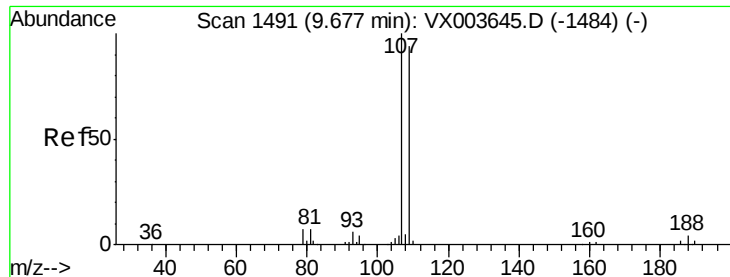
MMDadoda
7/27/2018 5:29:57 PM



#60
Dibromochloromethane
Concen: 53.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	129	Resp	69613
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.7	116.1





#61

1,2-Dibromoethane

Concen: 52.61 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 74847

Ion Ratio Lower Upper

107 100

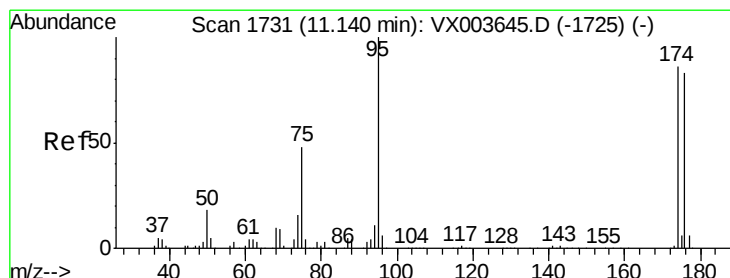
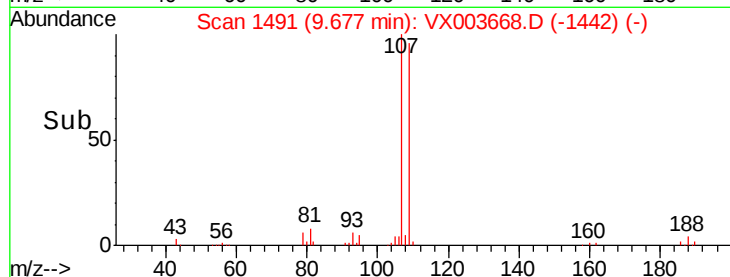
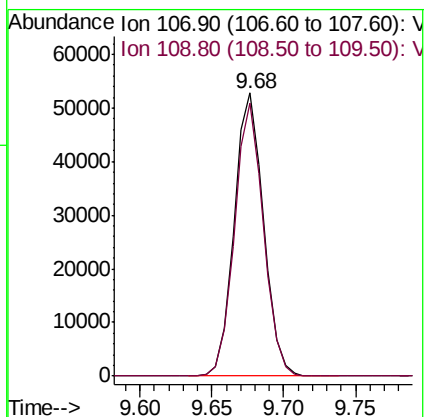
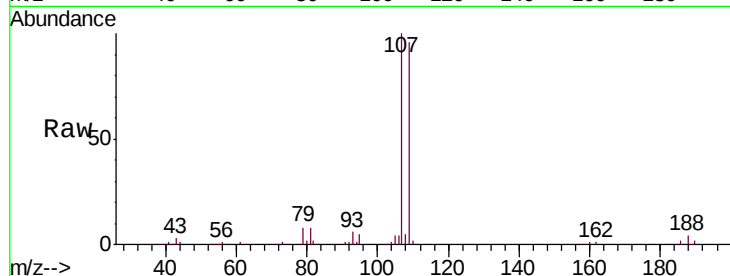
109 95.0 75.4 113.2

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 53.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

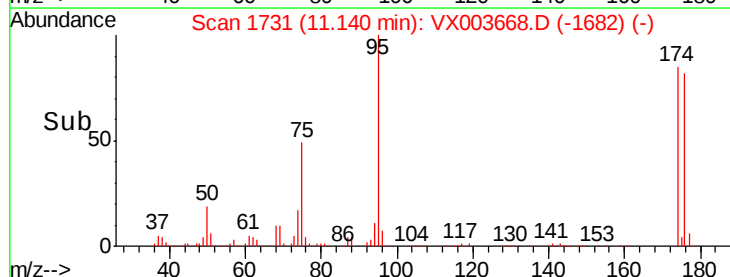
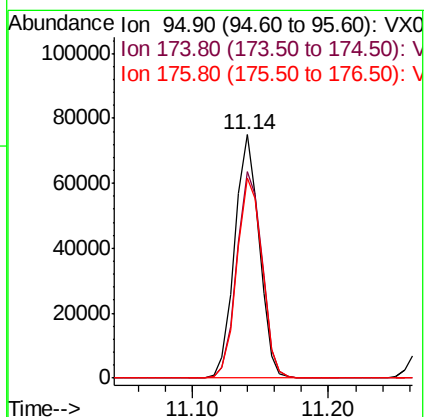
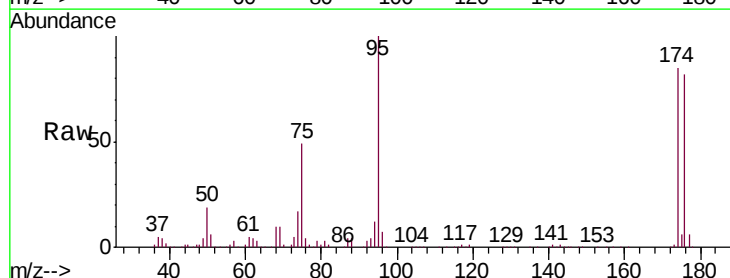
Tgt Ion: 95 Resp: 93904

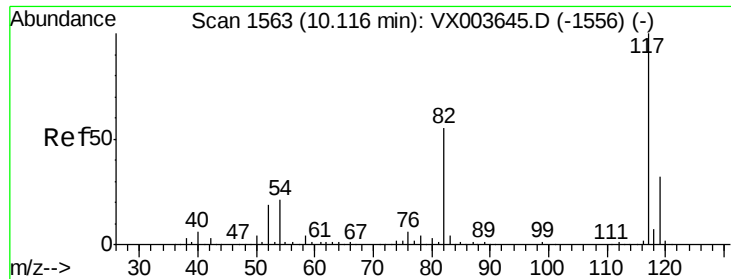
Ion Ratio Lower Upper

95 100

174 87.9 0.0 179.0

176 85.3 0.0 173.0





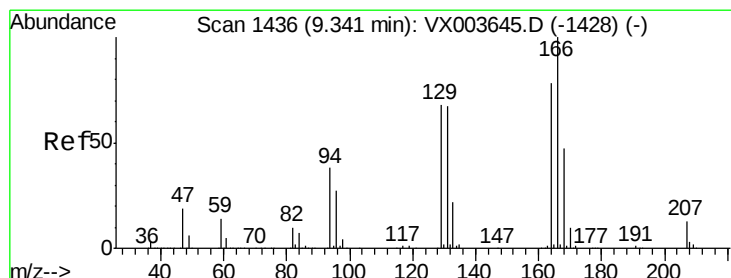
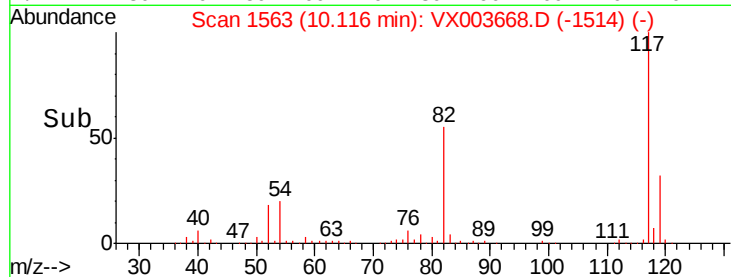
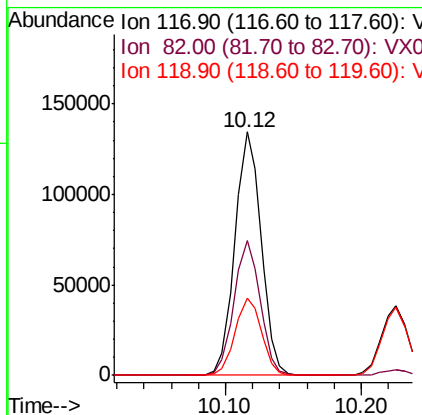
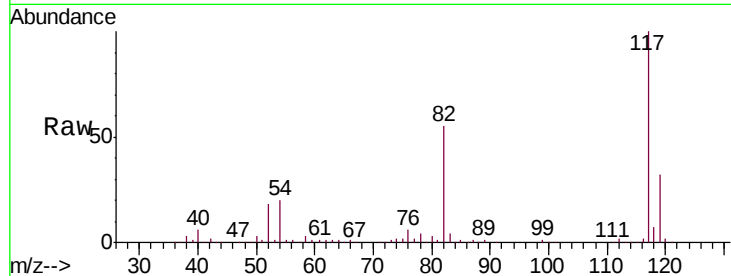
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.3	66.5
119	31.9	25.6	38.4

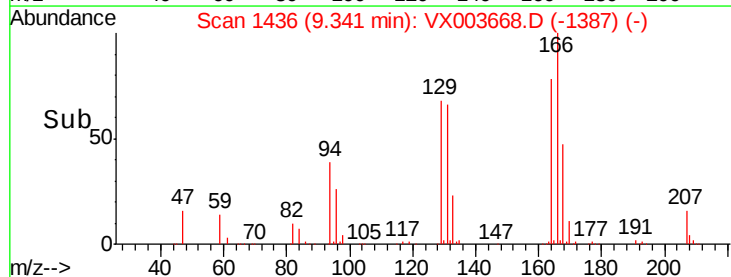
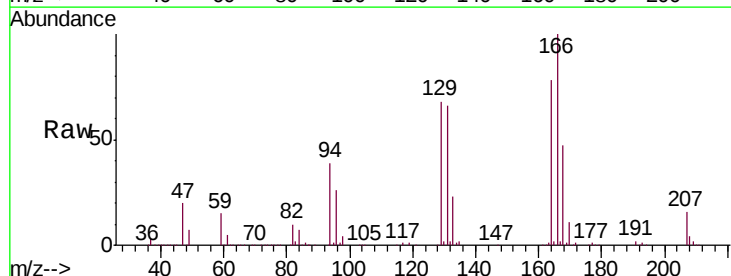
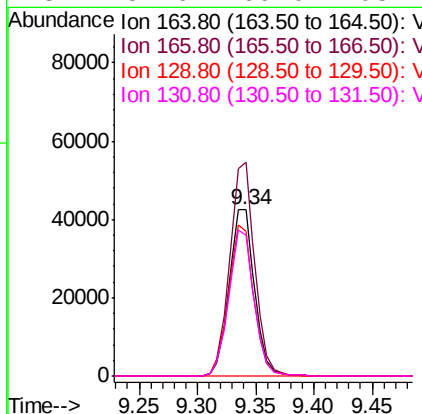
Manual Integrations
APPROVED

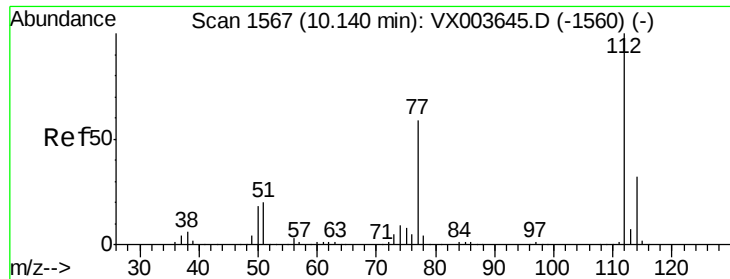
MMDadoda
7/27/2018 5:29:57 PM



#64
Tetrachloroethene
Concen: 39.05 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.4	153.6
129	86.7	69.6	104.4
131	84.6	69.0	103.4





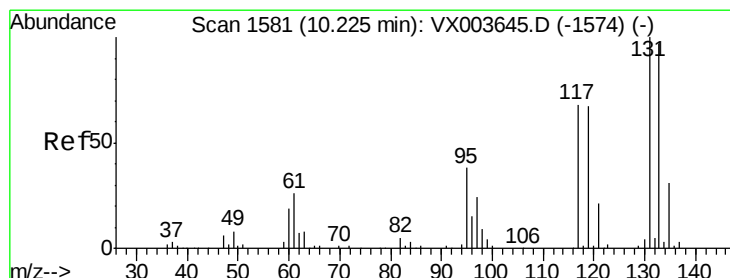
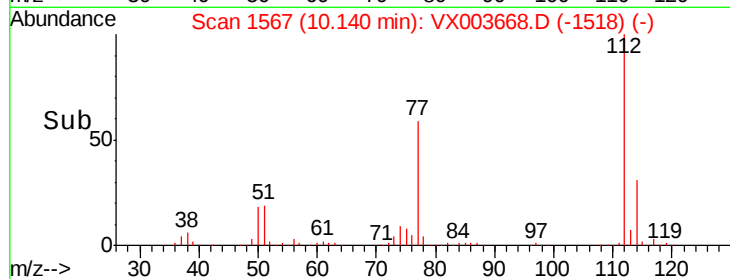
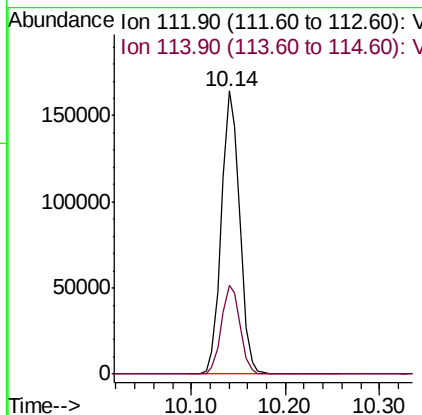
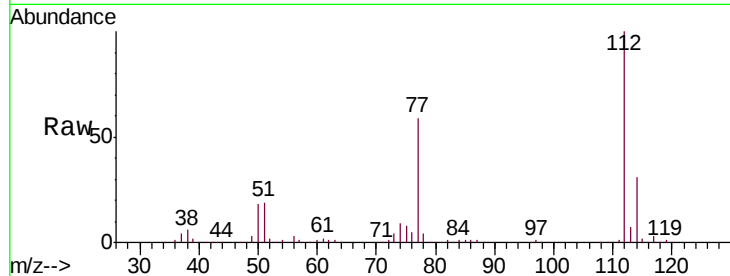
#65
Chlorobenzene
Concen: 48.48 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 220833
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.8

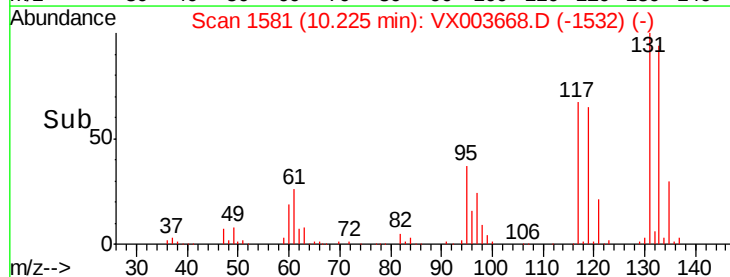
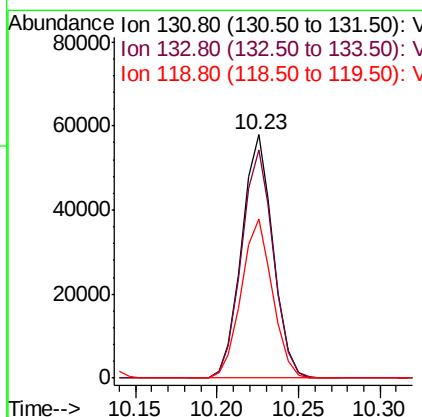
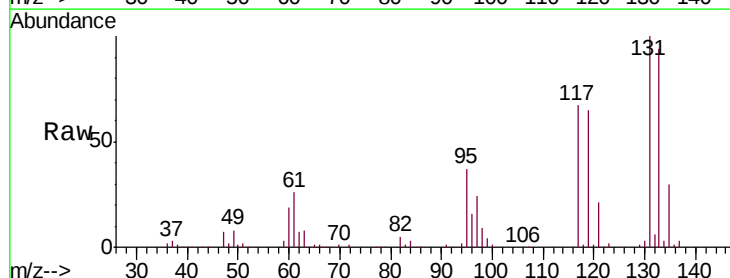
Manual Integrations
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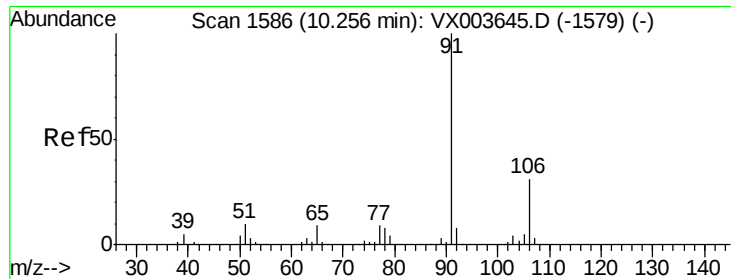
MMDadoda
7/27/2018 5:29:57 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.87 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:131 Resp: 77383
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.8
119 65.2 32.8 98.4





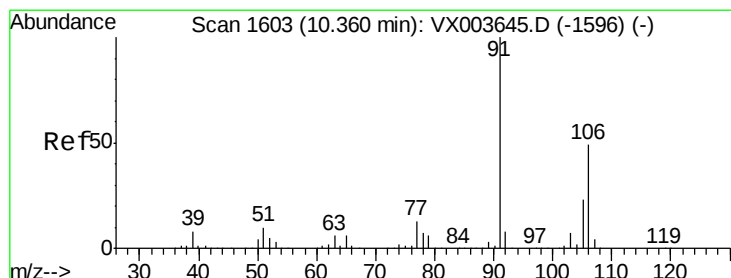
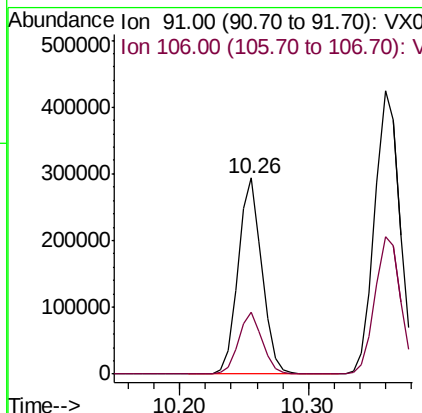
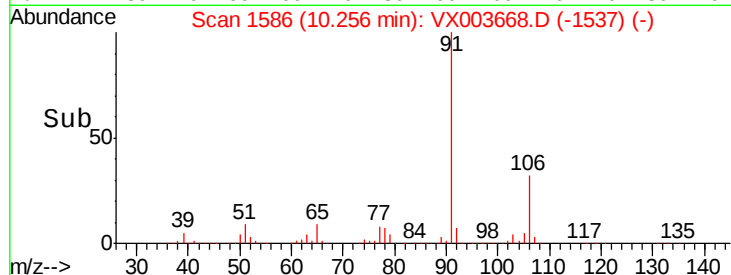
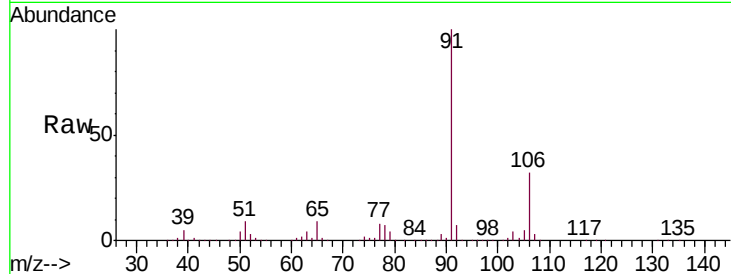
#67
Ethyl Benzene
Concen: 49.26 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 375582
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

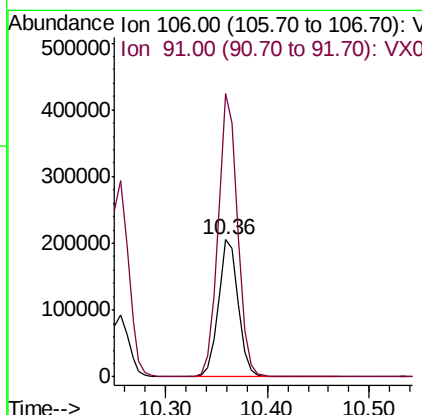
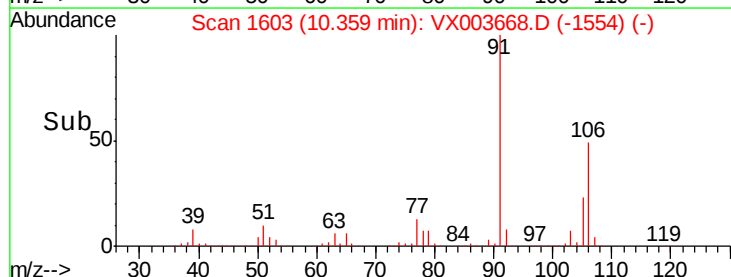
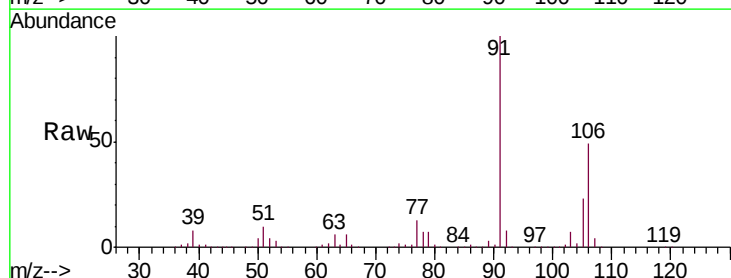
Manual Integrations
APPROVED

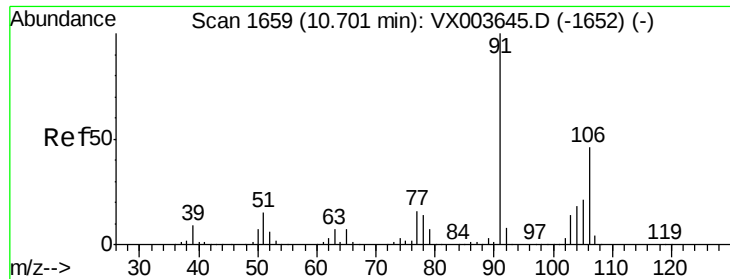
MMDadoda
7/27/2018 5:29:57 PM



#68
m/p-Xylenes
Concen: 95.93 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 106 Resp: 280589
Ion Ratio Lower Upper
106 100
91 202.9 162.2 243.2





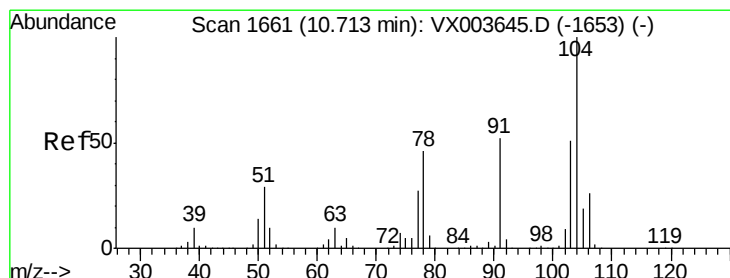
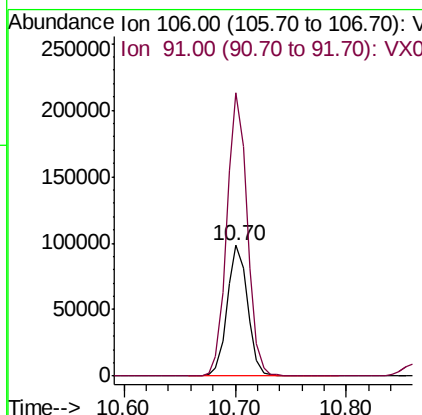
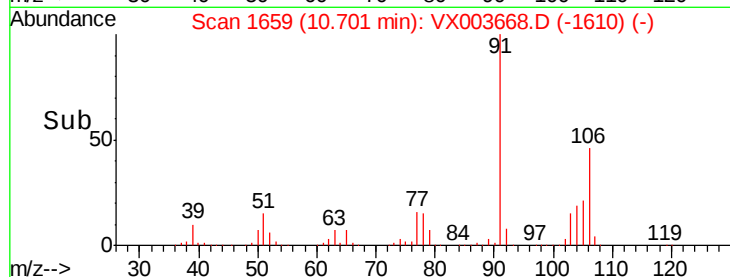
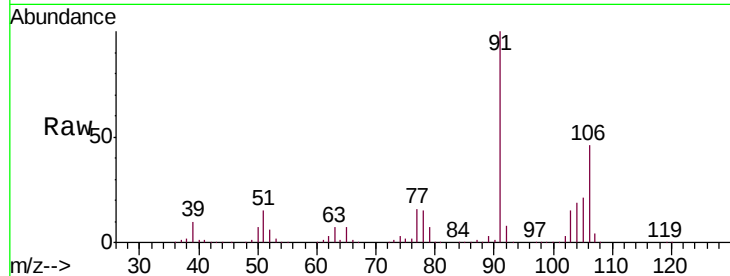
#69
o-Xylene
Concen: 44.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 124797
Ion Ratio Lower Upper
106 100
91 215.6 107.1 321.1

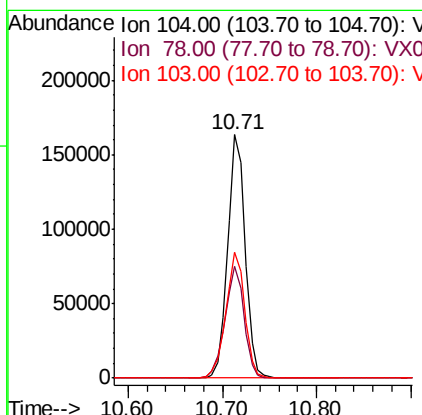
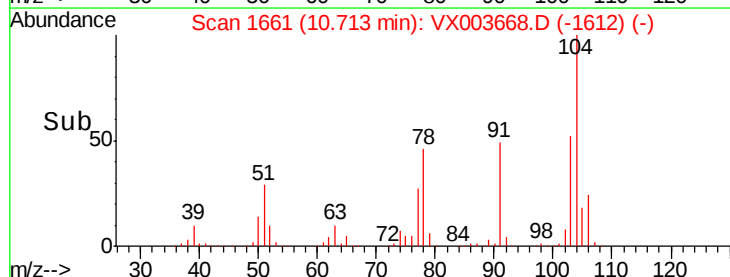
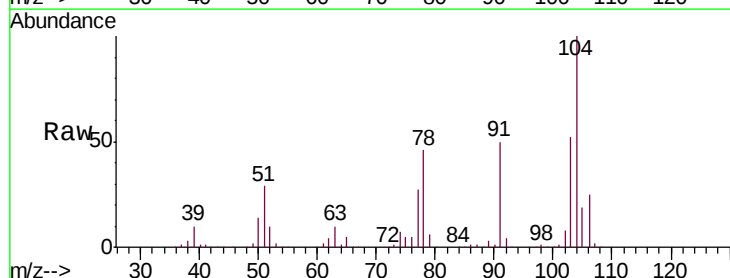
Manual Integrations
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#70
Styrene
Concen: 44.66 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion:104 Resp: 211238
Ion Ratio Lower Upper
104 100
78 49.9 39.2 58.8
103 55.5 44.2 66.4





#71

Bromoform

Concen: 42.76 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 53548

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

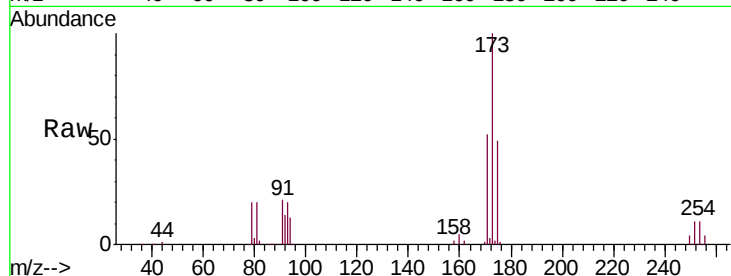
254 0.1 0.0 0.0#

Manual Integrations

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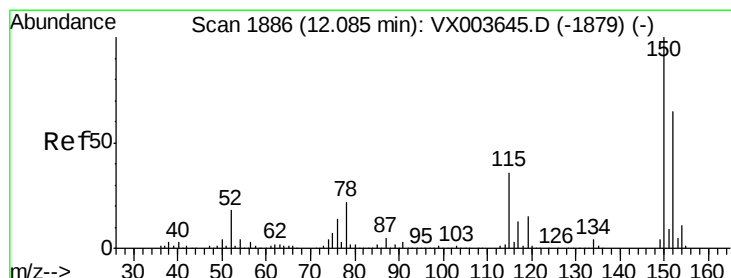
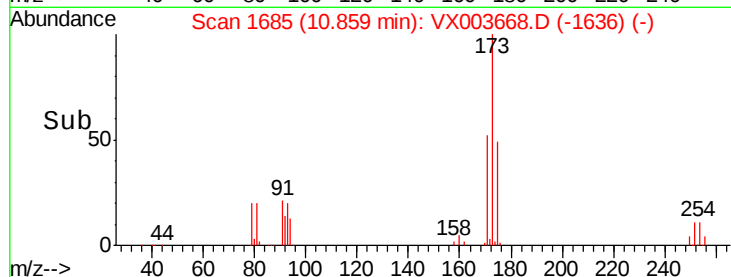
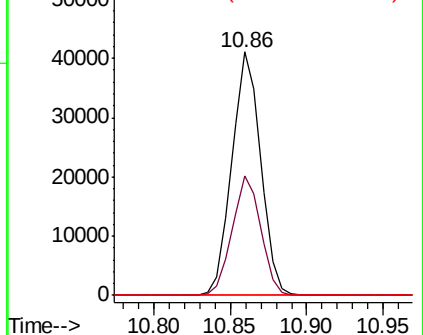
7/27/2018 5:29:57 PM



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: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

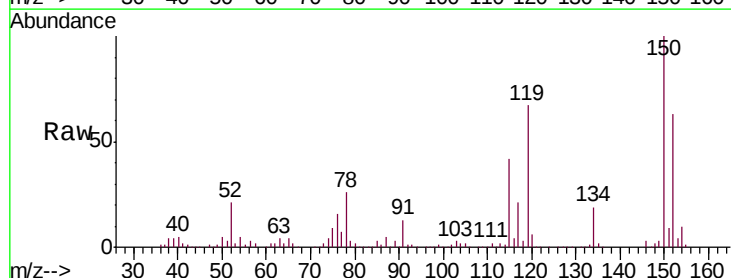
Tgt Ion:152 Resp: 100598

Ion Ratio Lower Upper

152 100

115 79.0 40.0 119.9

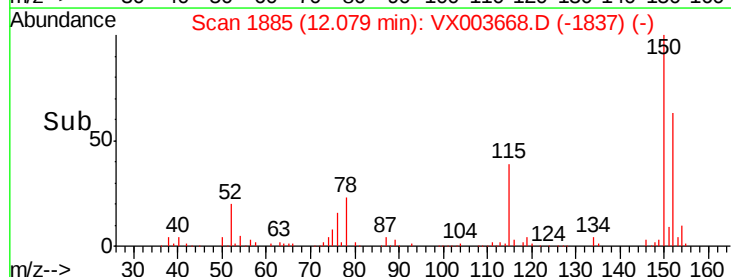
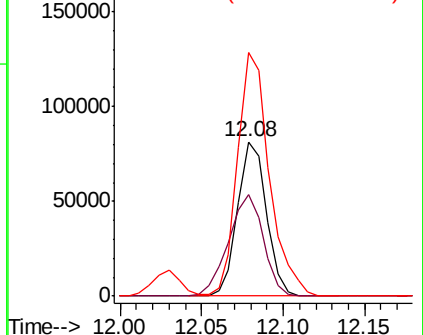
150 174.3 0.0 348.4

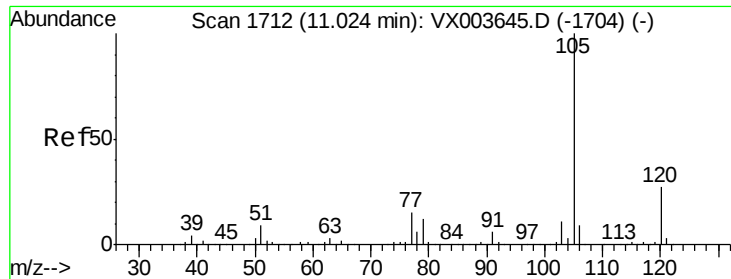


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





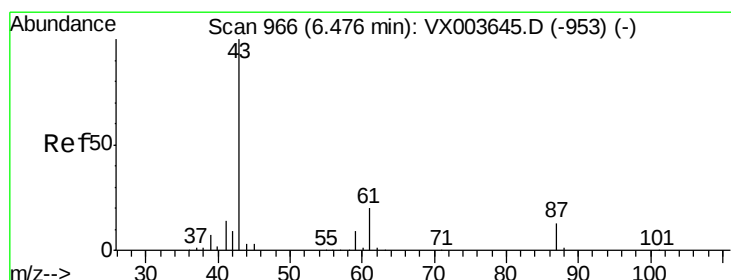
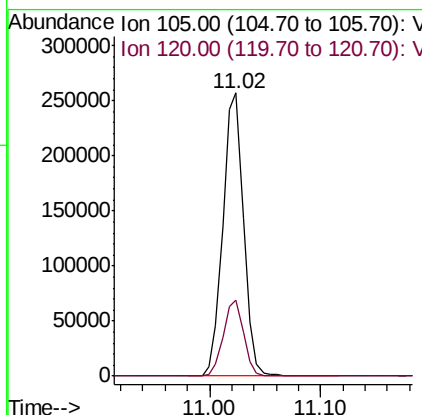
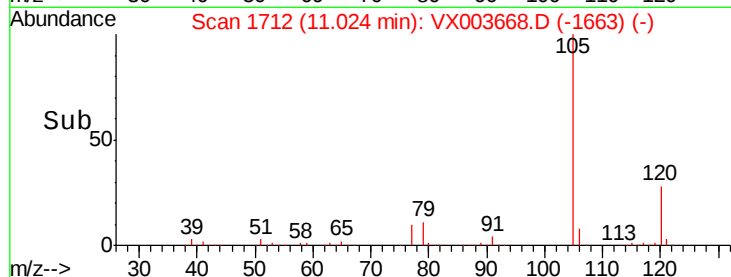
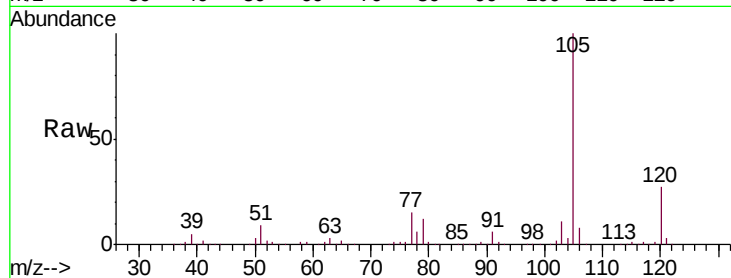
#73
Isopropylbenzene
Concen: 48.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 329933
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

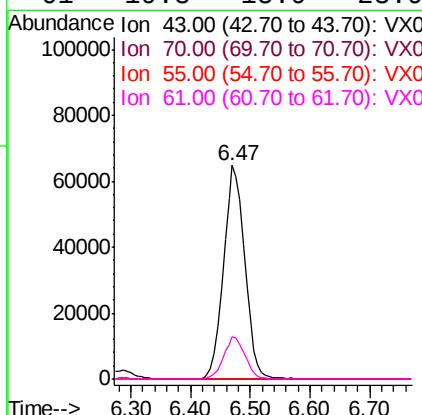
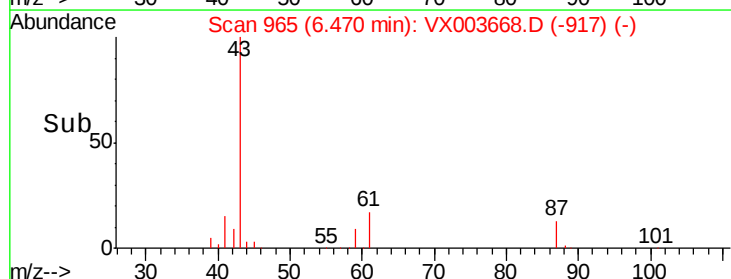
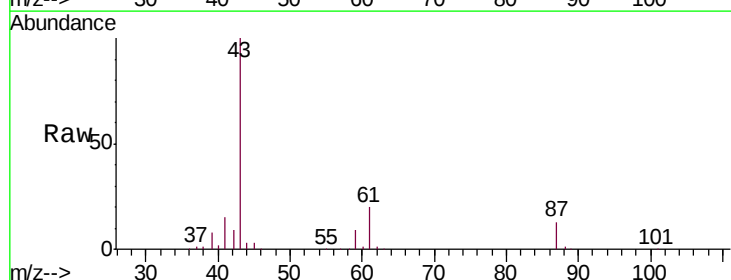
Manual Integrations
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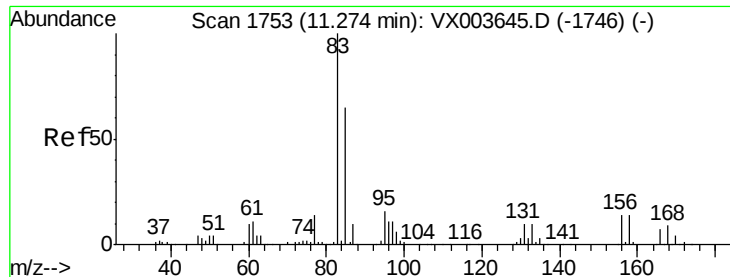
MMDadoda
7/27/2018 5:29:57 PM



#74
N-ethyl acetate
Concen: 44.54 ug/l
RT: 6.47 min Scan# 965
Delta R.T. -0.01 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion: 43 Resp: 159647
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.0 0.0#
61 19.8 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 46.38 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

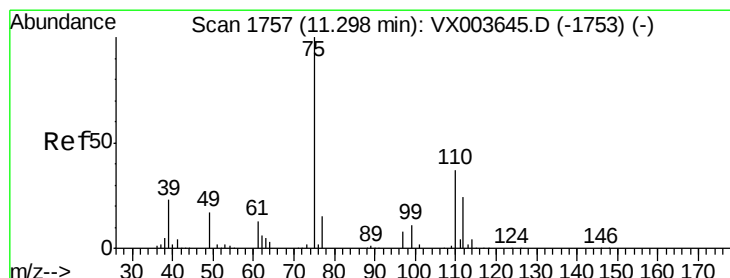
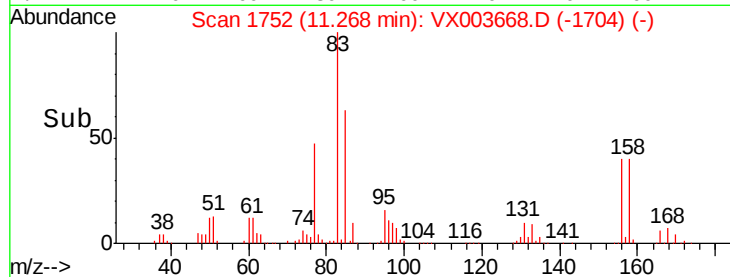
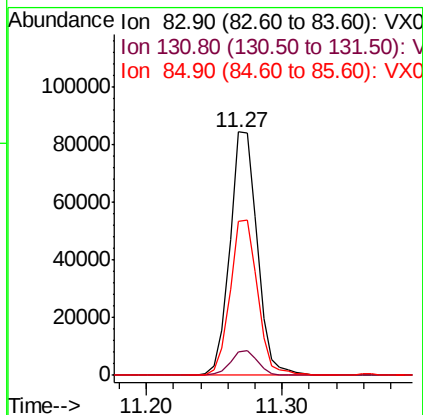
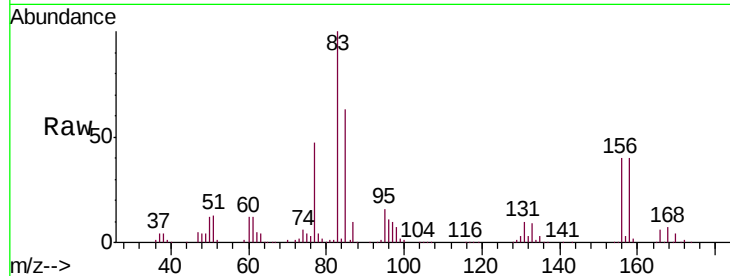
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	117714
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.09 ug/l m

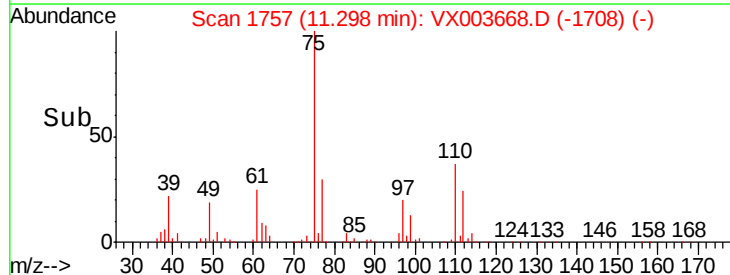
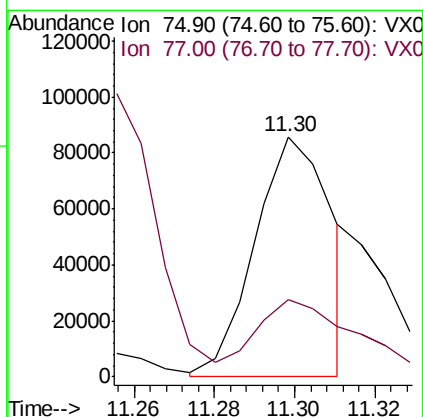
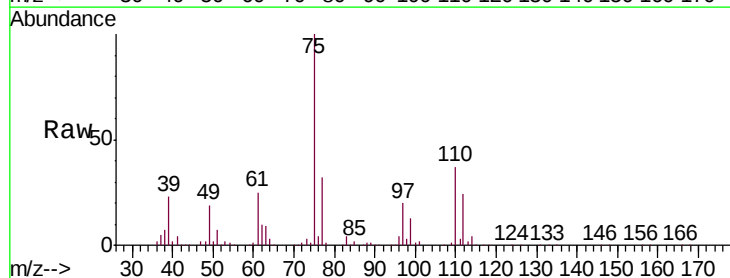
RT: 11.30 min Scan# 1757

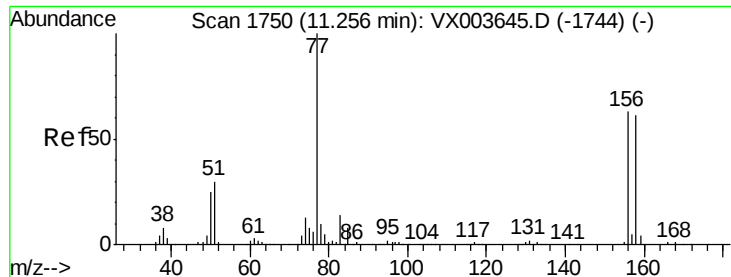
Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	75	Resp:	114136
Ion	Ratio	Lower	Upper
75	100		
77	42.6	21.6	64.6





#77

Bromobenzene

Concen: 45.81 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 85516

Ion Ratio Lower Upper

156 100

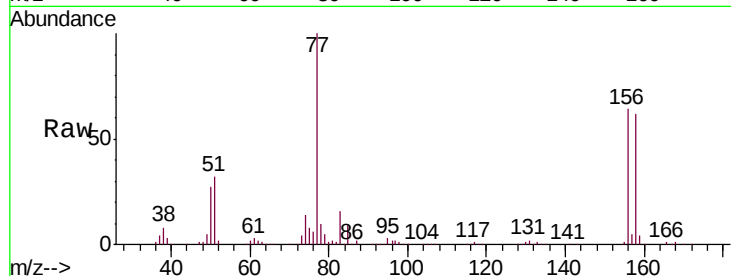
77 152.1 74.9 224.6

158 97.6 48.4 145.2

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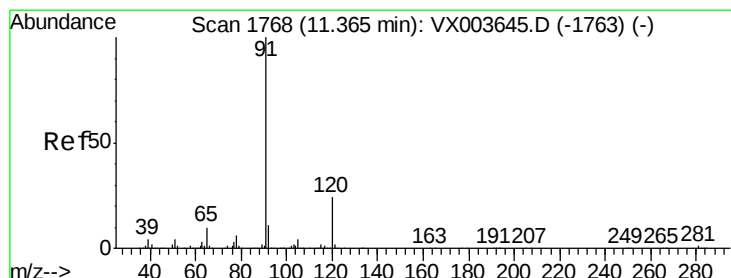
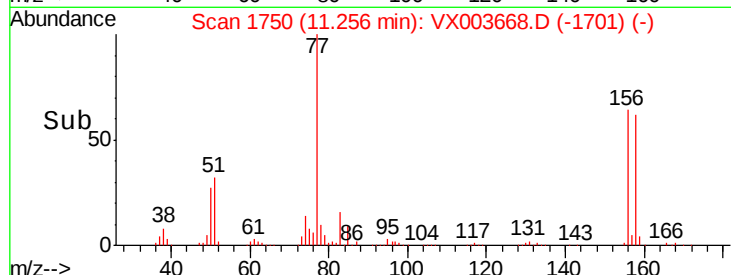
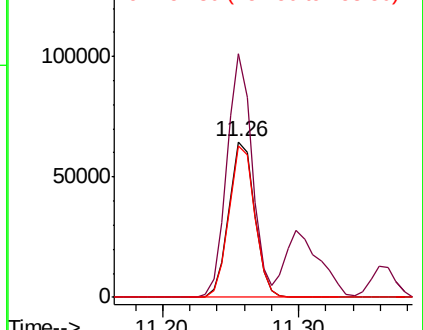
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.62 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003668.D

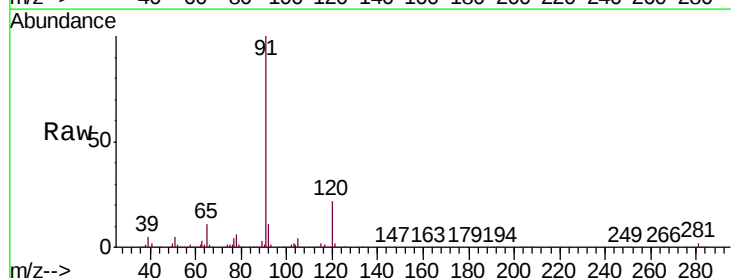
Acq: 25 Jul 2018 19:57

Tgt Ion: 91 Resp: 417600

Ion Ratio Lower Upper

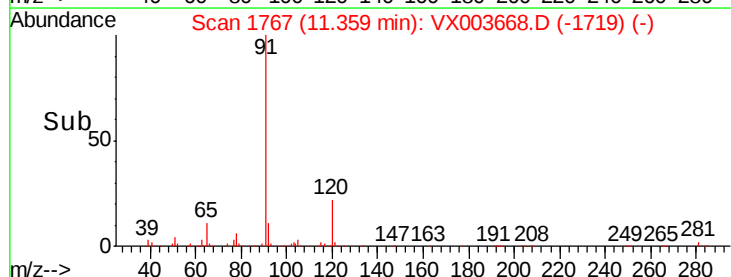
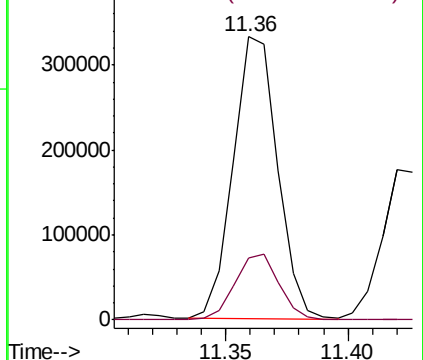
91 100

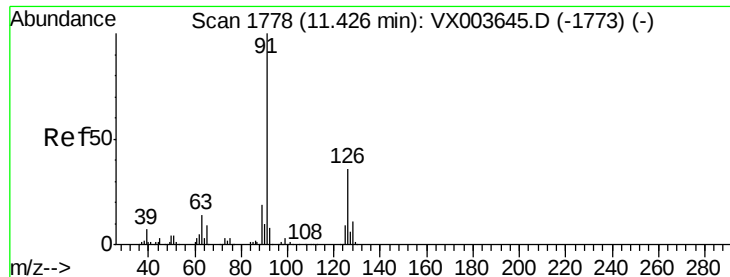
120 23.4 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.38 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 228528

Ion Ratio Lower Upper

91 100

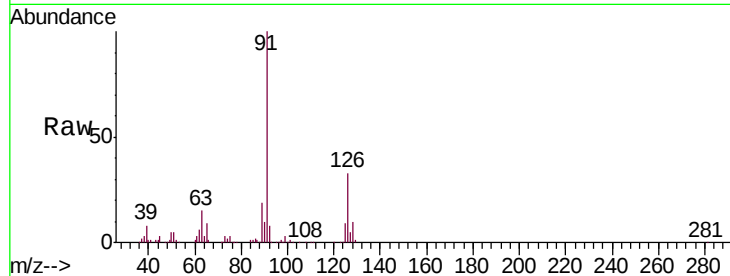
126 34.8 17.3 52.0

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Abundance Ion 91.00 (90.70 to 91.70): VX003645.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003645.D (-1773) (-)

300000

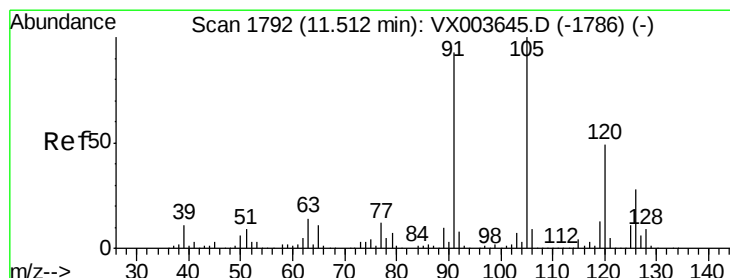
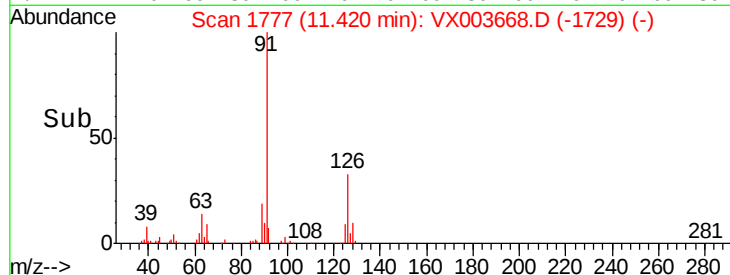
200000

100000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.24 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003668.D

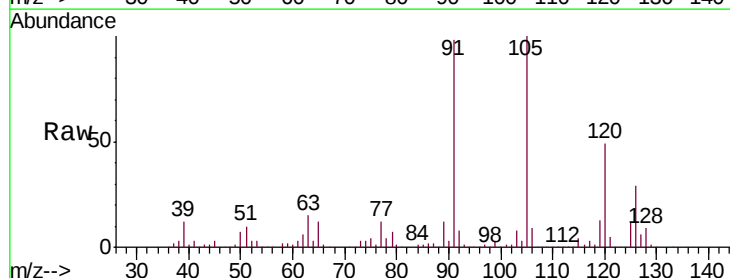
Acq: 25 Jul 2018 19:57

Tgt Ion: 105 Resp: 280502

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003645.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX003645.D (-1786) (-)

250000

200000

150000

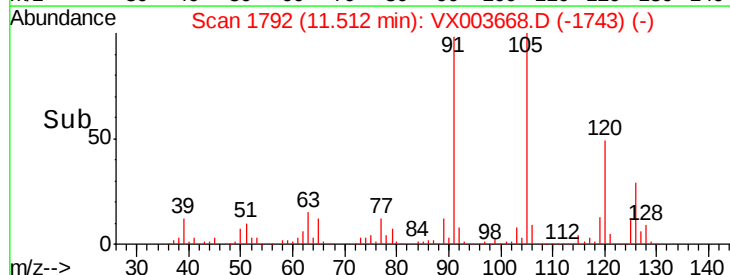
100000

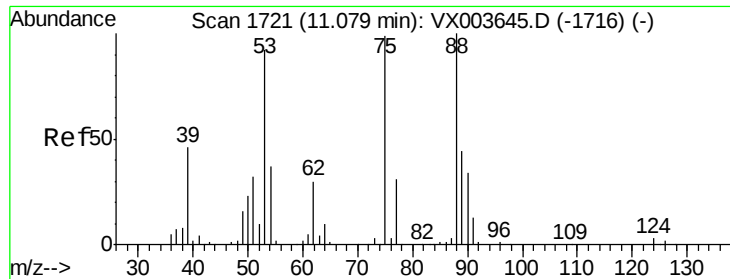
50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 49.18 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 33490

Ion Ratio Lower Upper

75 100

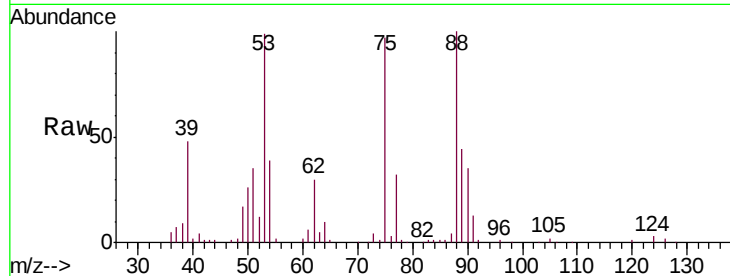
53 101.7 77.8 116.8

89 45.4 36.6 54.8

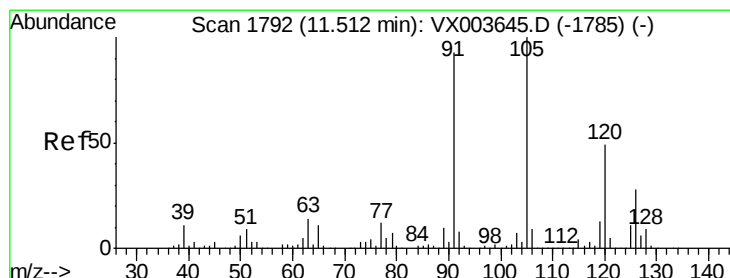
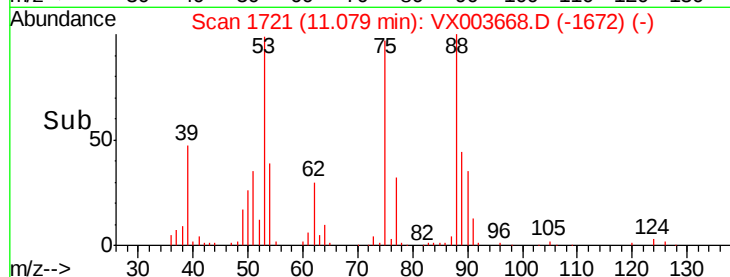
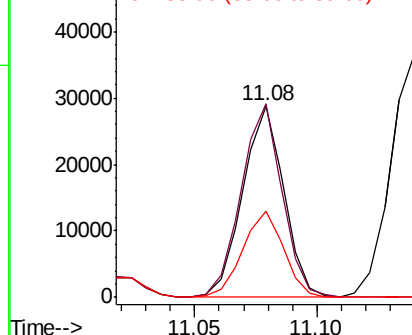
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003668.D

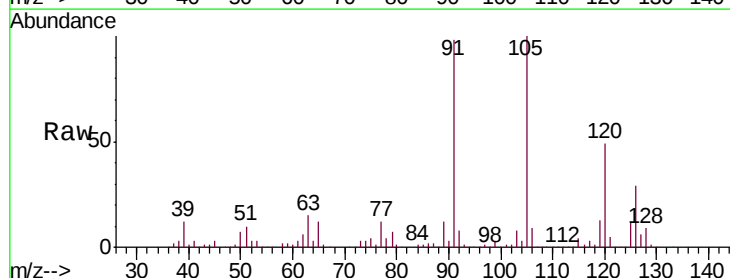
Acq: 25 Jul 2018 19:57

Tgt Ion: 91 Resp: 267060

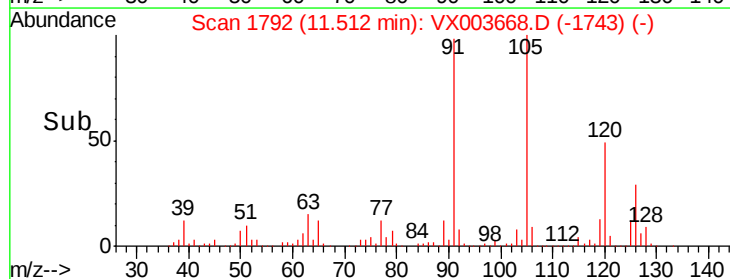
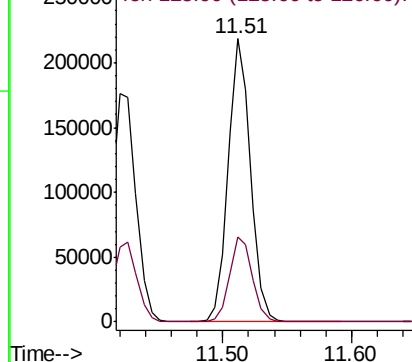
Ion Ratio Lower Upper

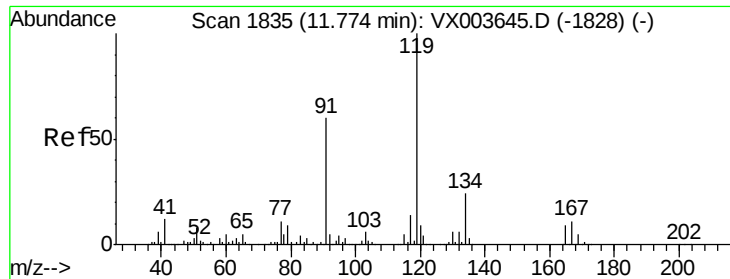
91 100

126 30.4 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





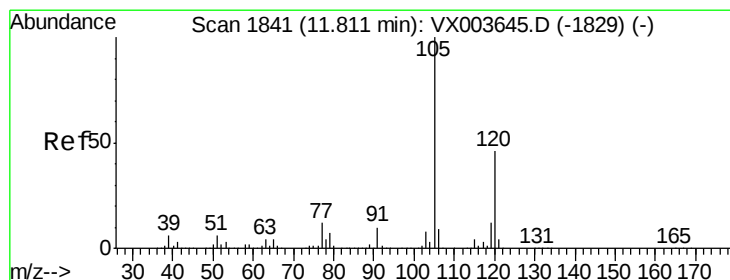
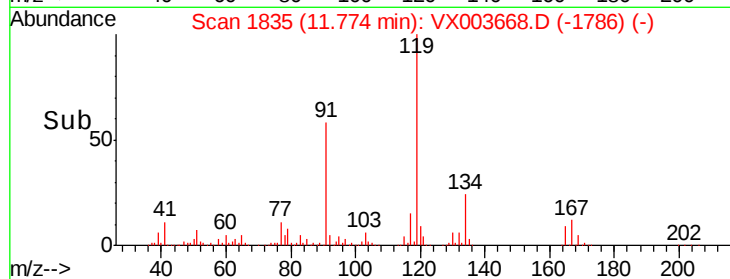
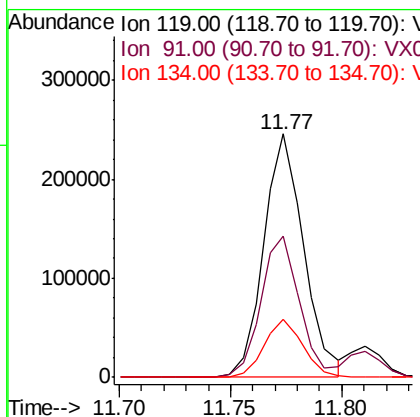
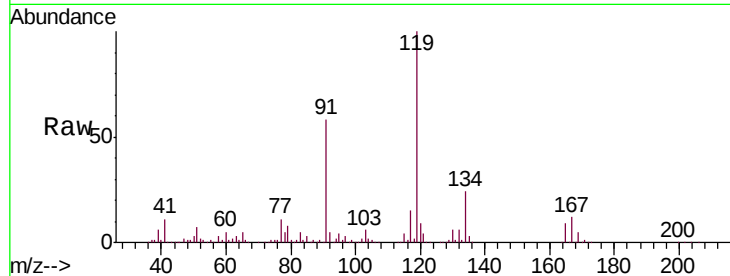
#83
 tert-Butylbenzene
 Concen: 53.83 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	28.4	85.2
134	22.9	11.6	34.8

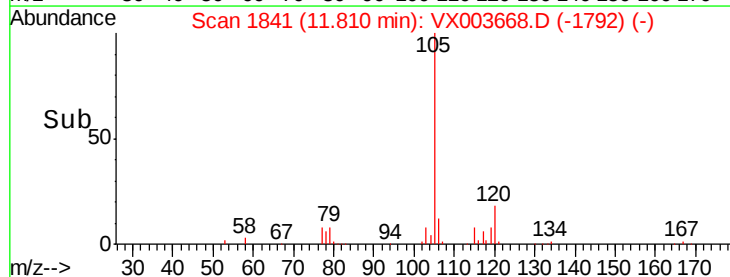
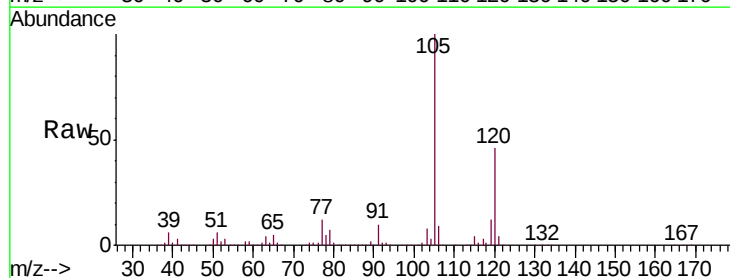
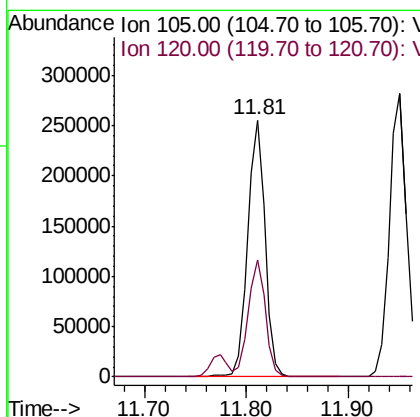
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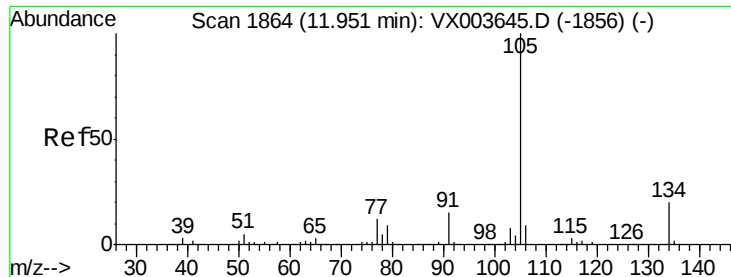
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.56 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.6	67.8





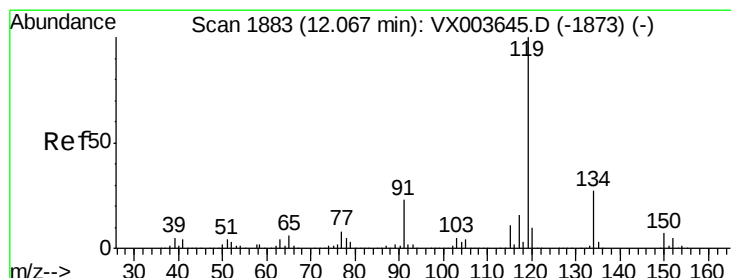
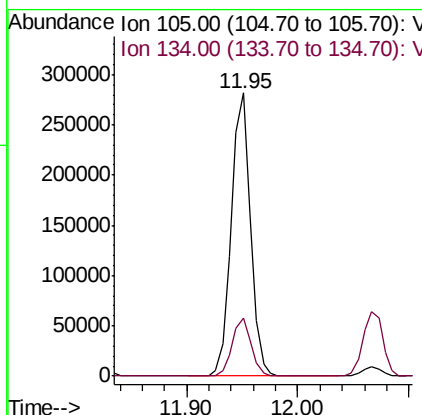
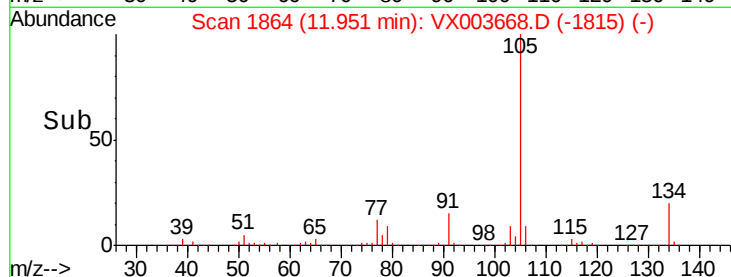
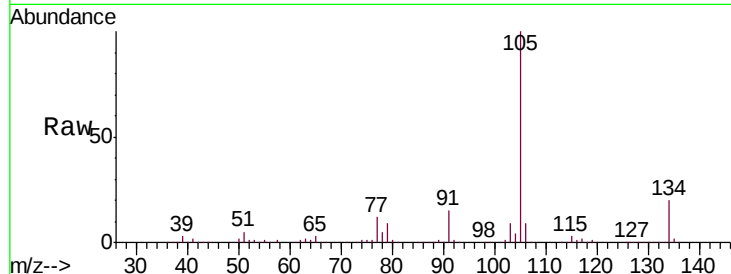
#85
 sec-Butylbenzene
 Concen: 49.35 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.1

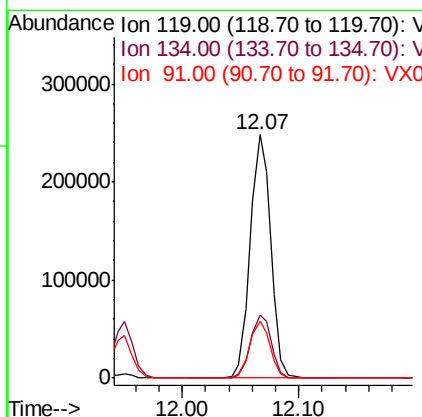
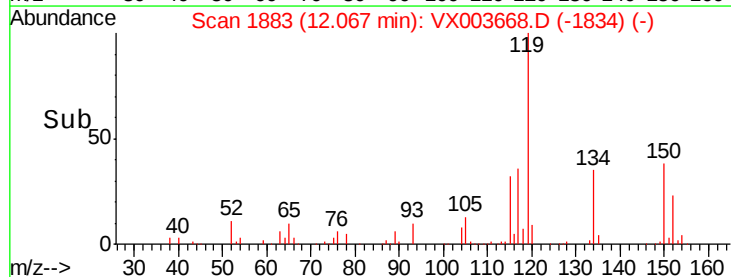
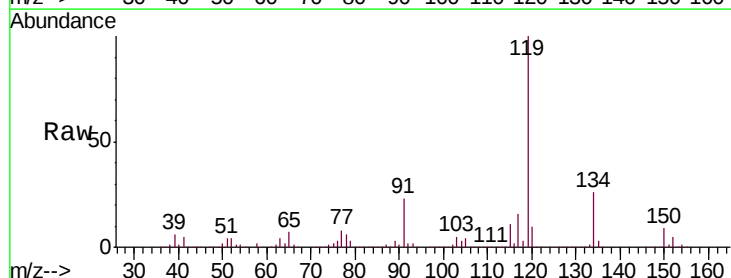
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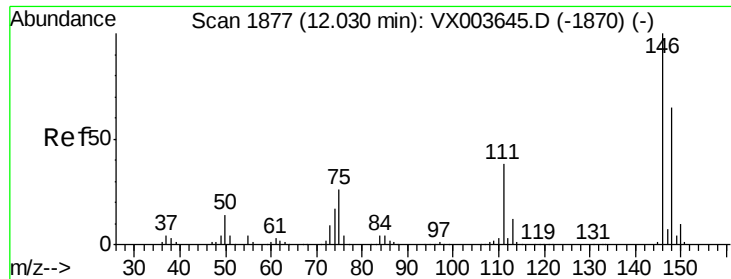
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#86
 p-Isopropyltoluene
 Concen: 50.22 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.3	39.9
91	23.3	11.5	34.5





#87

1,3-Dichlorobenzene

Concen: 45.72 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

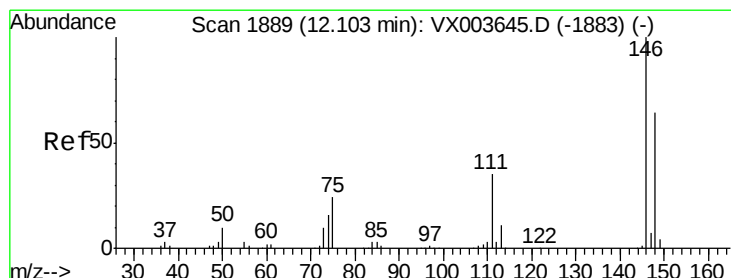
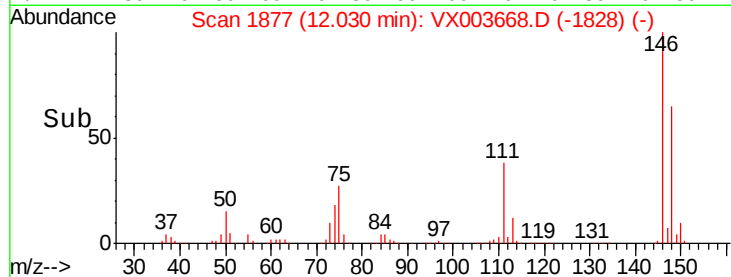
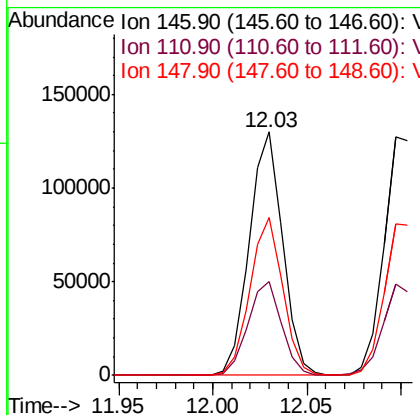
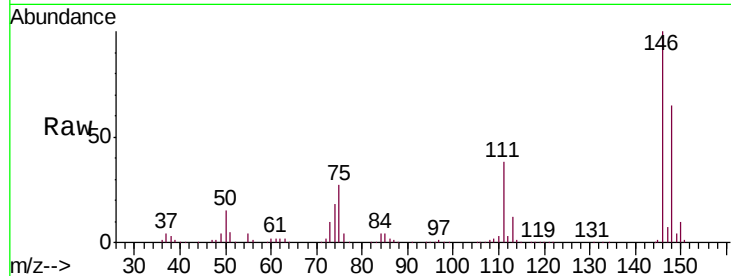
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	158948
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.4	58.2
148	64.1	32.4	97.0

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#88

1,4-Dichlorobenzene

Concen: 45.11 ug/l

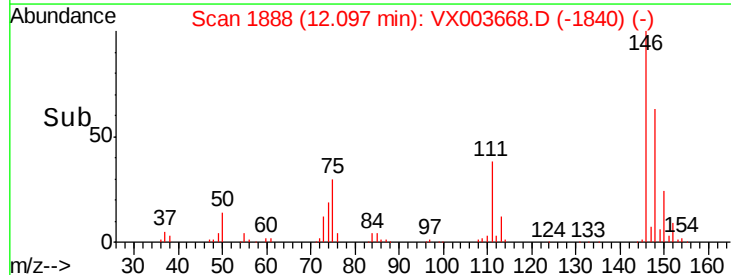
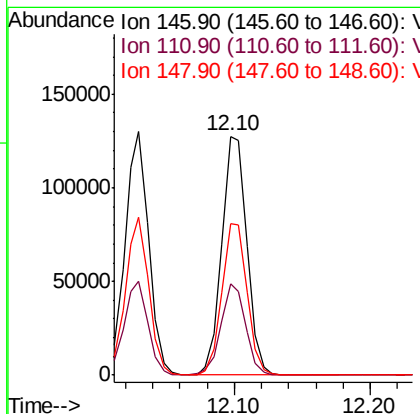
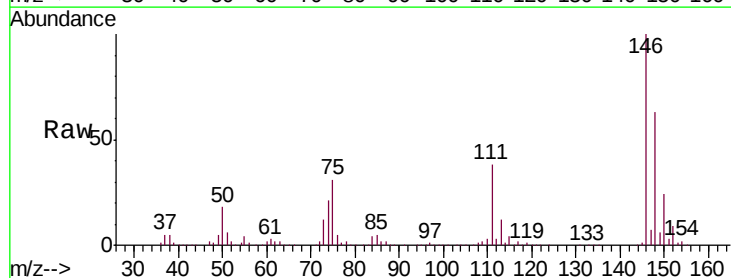
RT: 12.10 min Scan# 1888

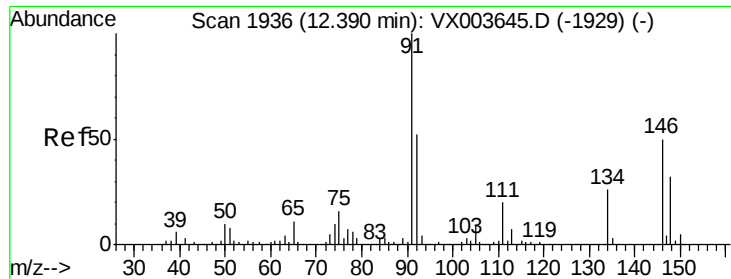
Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	146	Resp:	163063
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.6	55.6
148	63.7	32.0	96.2





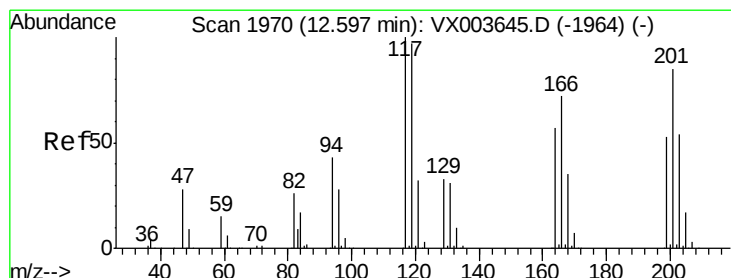
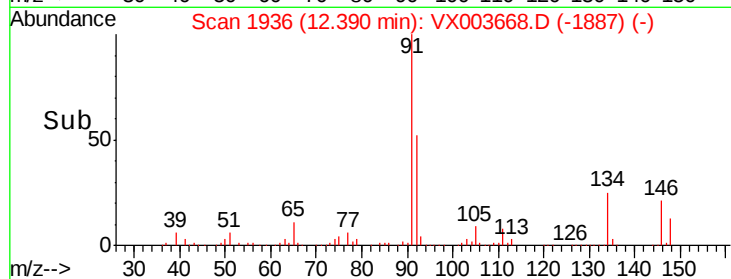
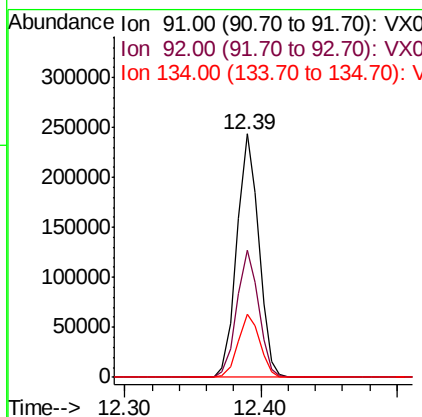
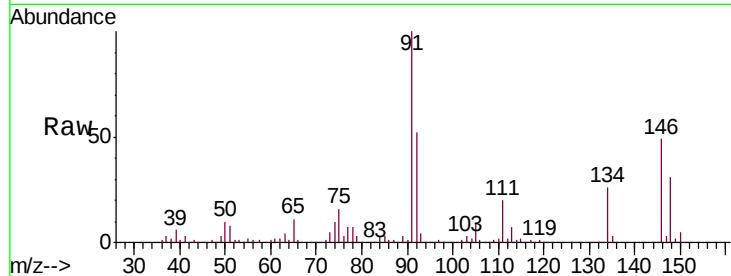
#89
n-Butylbenzene
Concen: 49.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.3	78.9
134	25.9	13.3	39.8

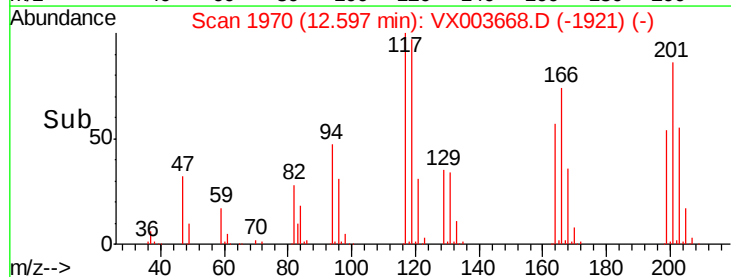
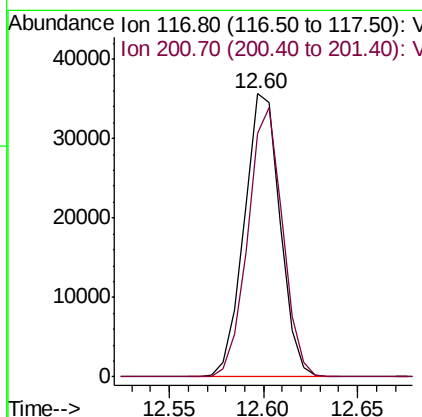
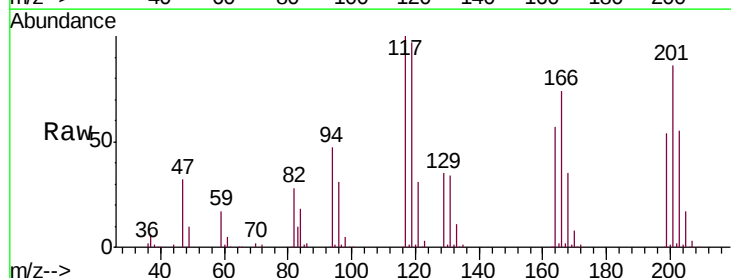
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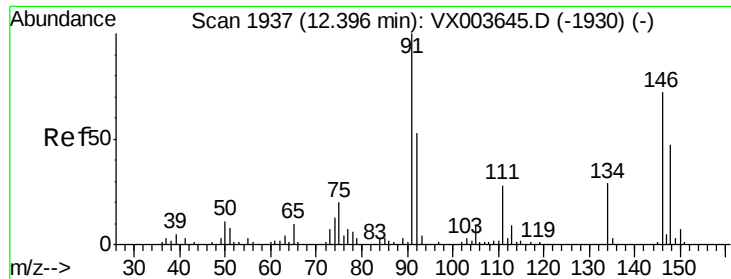
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#90
Hexachloroethane
Concen: 50.99 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003668.D
Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	46.2	138.5





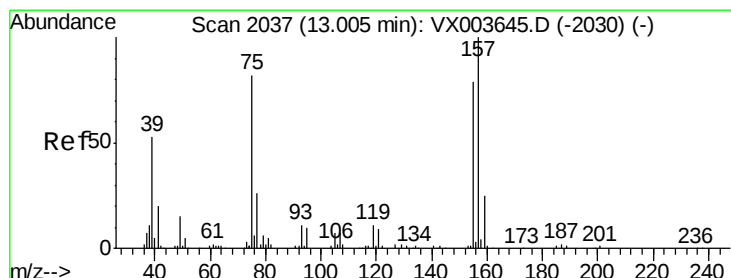
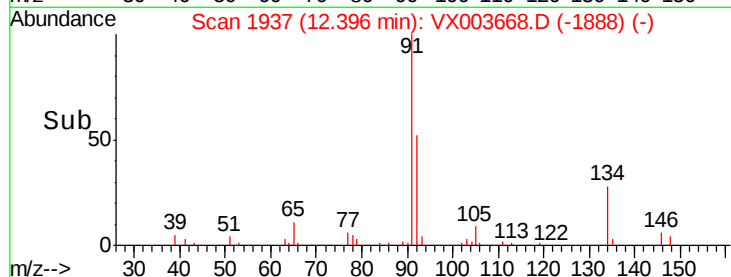
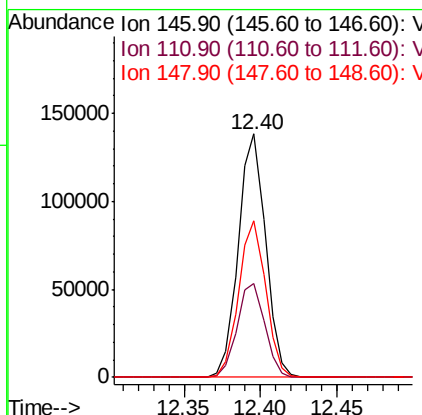
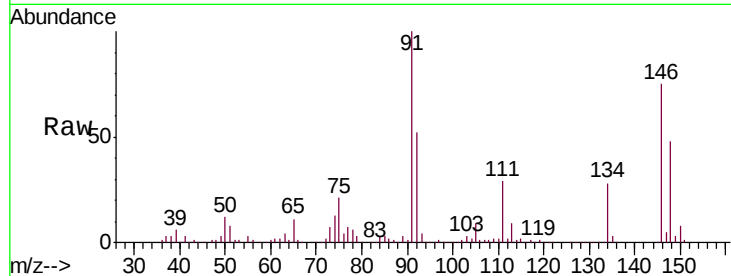
#91
 1,2-Dichlorobenzene
 Concen: 48.16 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	63.9	32.2	96.6

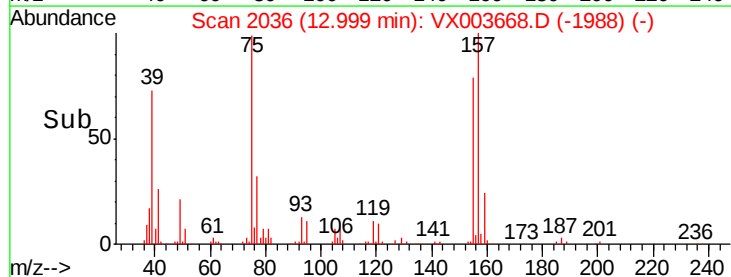
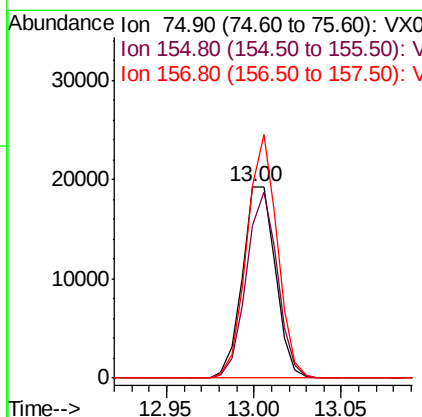
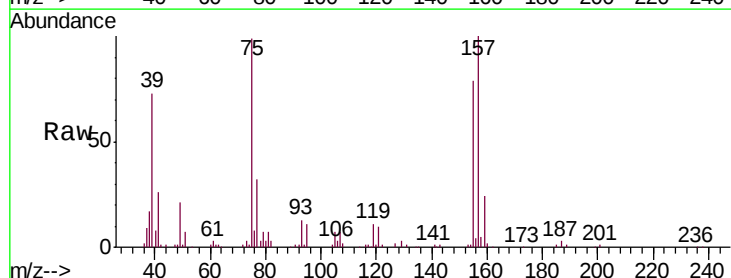
Manual Integrations
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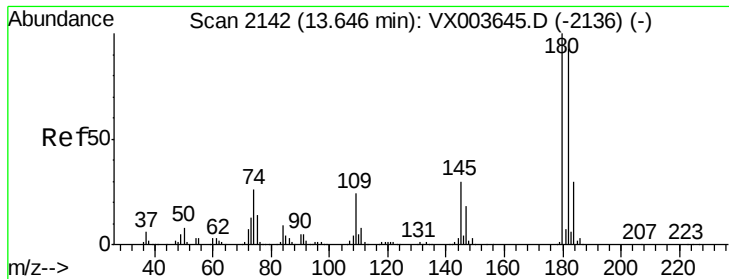
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.24 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	46.1	138.3
157	117.0	59.7	179.0





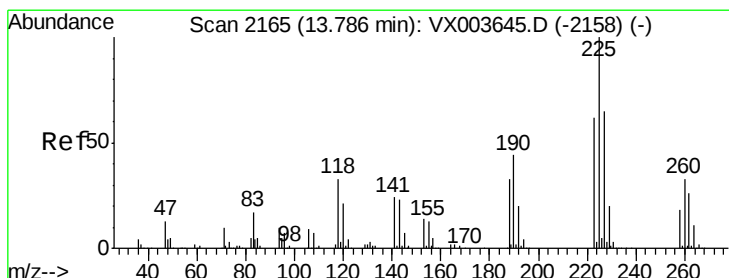
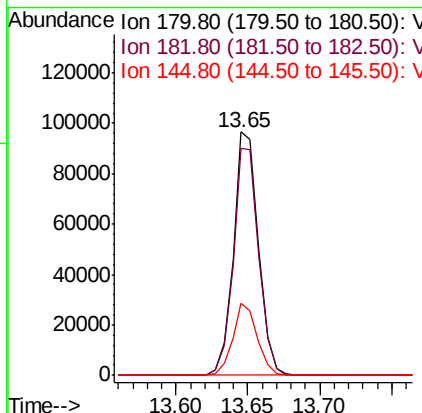
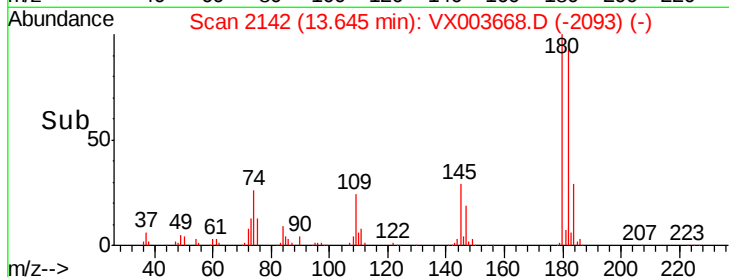
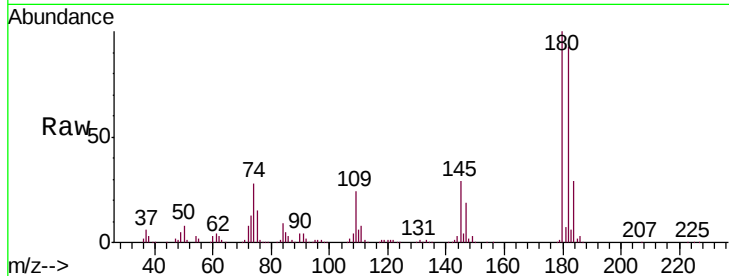
#93
 1,2,4-Trichlorobenzene
 Concen: 46.04 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.9	143.8
145	28.9	14.4	43.2

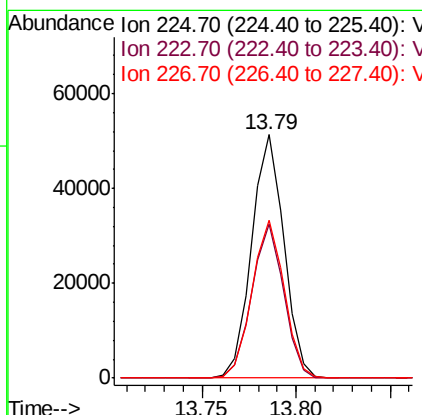
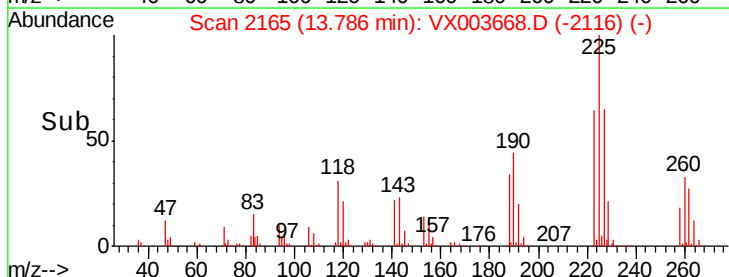
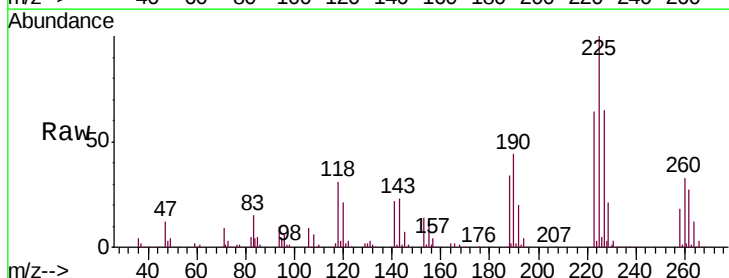
Manual Integrations
 APPROVED

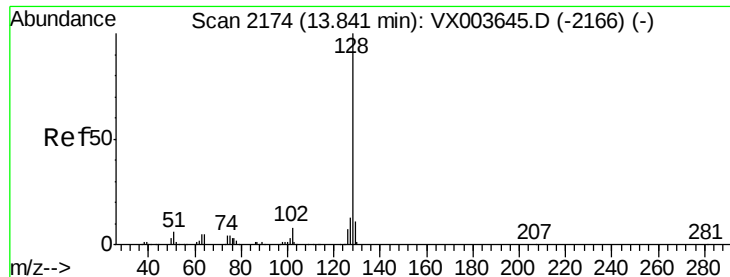
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#94
 Hexachlorobutadiene
 Concen: 52.04 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003668.D
 Acq: 25 Jul 2018 19:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	30.9	92.5
227	64.8	31.9	95.7





#95

Naphthalene

Concen: 55.44 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Instrument :

MSVOA_X

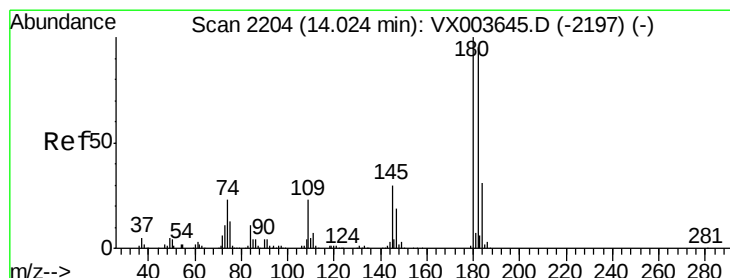
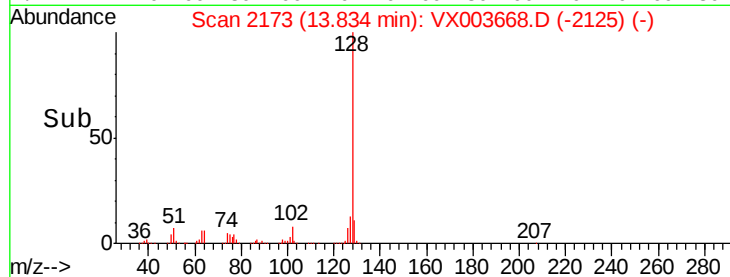
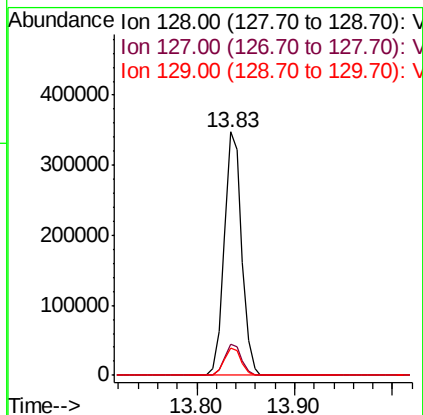
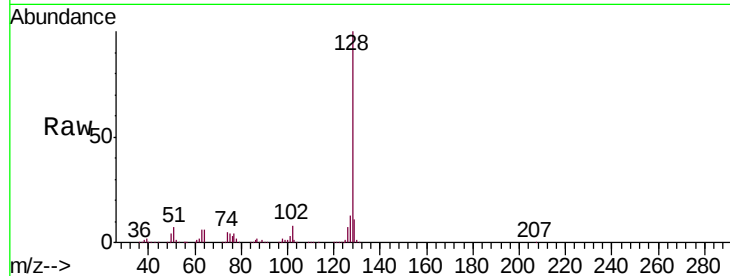
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	424966
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	11.1	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 45.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX003668.D

Acq: 25 Jul 2018 19:57

Tgt Ion:	180	Resp:	117618
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.6	142.8
145	29.9	15.0	45.1

