

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002594.D
 Acq On : 15 Jun 2018 12:02
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:11:57 PM

Quant Time: Jun 15 13:24:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 15 13:16:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221071	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317874	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172969	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	17272	5.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.04%	
35) Dibromofluoromethane	5.51	113	12718	5.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.18%	
50) Toluene-d8	8.72	98	48352	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
62) 4-Bromofluorobenzene	11.14	95	16831	4.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	12916	5.62	ug/l	98
3) Chloromethane	1.32	50	15668	5.18	ug/l	98
4) Vinyl Chloride	1.40	62	16343	5.64	ug/l	99
5) Bromomethane	1.64	94	10122	4.40	ug/l	100
6) Chloroethane	1.72	64	10279	5.49	ug/l	96
7) Trichlorofluoromethane	1.93	101	25931	5.88	ug/l	99
8) Diethyl Ether	2.19	74	9583	5.33	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	14876	6.25	ug/l	99
10) Methyl Iodide	2.51	142	11831	3.53	ug/l	100
11) Tert butyl alcohol	3.07	59	19271	27.20	ug/l	97
12) 1,1-Dichloroethene	2.38	96	13385	5.69	ug/l	84
13) Acrolein	2.29	56	11942	35.00	ug/l	96
14) Allyl chloride	2.73	41	25201	4.93	ug/l	95
15) Acrylonitrile	3.15	53	40469	26.84	ug/l	99
16) Acetone	2.45	43	38929	24.63	ug/l	95
17) Carbon Disulfide	2.57	76	28863	4.65	ug/l	96
18) Methyl Acetate	2.78	43	19824	5.32	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	48504	5.20	ug/l	96
20) Methylene Chloride	2.86	84	16128	5.13	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	14327	5.52	ug/l	98
22) Diisopropyl ether	3.88	45	44597	4.68	ug/l	96
23) Vinyl Acetate	3.82	43	185155	22.36	ug/l	99
24) 1,1-Dichloroethane	3.70	63	27614	5.47	ug/l	98
25) 2-Butanone	4.71	43	50379	23.24	ug/l	96
26) 2,2-Dichloropropane	4.59	77	17118	4.34	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	13959	4.95	ug/l	75
28) Bromochloromethane	5.03	49	11468	4.69	ug/l	# 13
29) Tetrahydrofuran	5.17	42	32228	23.06	ug/l	96
30) Chloroform	5.22	83	24193	4.97	ug/l	99
31) Cyclohexane	5.58	56	21697	5.44	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	18796	4.55	ug/l	98
36) 1,1-Dichloropropene	5.81	75	17342	5.19	ug/l	98
37) Ethyl Acetate	4.87	43	20001	4.98	ug/l	97
38) Carbon Tetrachloride	5.79	117	16298	4.66	ug/l	97

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 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleID :
 VSTDIC005

Manual Integrations
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Quant Time: Jun 15 13:24:40 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	21654	5.69	ug/l	99
40) Benzene	6.15	78	52897	5.16	ug/l	100
41) Methacrylonitrile	5.07	41	10909	4.74	ug/l	96
42) 1,2-Dichloroethane	6.20	62	20761	5.10	ug/l	100
43) Isopropyl Acetate	6.47	43	30617	4.49	ug/l	99
44) Trichloroethene	7.21	130	15381	5.41	ug/l	99
45) 1,2-Dichloropropane	7.52	63	13997	5.06	ug/l #	87
46) Dibromomethane	7.67	93	8865	4.73	ug/l	99
47) Bromodichloromethane	7.90	83	14193	4.18	ug/l	98
48) Methyl methacrylate	7.78	41	15958	4.65	ug/l	98
49) 1,4-Dioxane	7.76	88	5984	93.34	ug/l #	89
51) 4-Methyl-2-Pentanone	8.65	43	101453	23.87	ug/l	99
52) Toluene	8.79	92	32865	5.04	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	16079	3.95	ug/l	97
54) cis-1,3-Dichloropropene	9.04	75	14670	3.82	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	13181	4.92	ug/l	98
56) Ethyl methacrylate	9.18	69	19156	4.48	ug/l	95
57) 1,3-Dichloropropane	9.38	76	22463	5.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	47213	23.84	ug/l	100
59) 2-Hexanone	9.50	43	74956	22.83	ug/l	100
60) Dibromochloromethane	9.59	129	10196	3.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	13221	4.73	ug/l	100
64) Tetrachloroethene	9.34	164	17951	5.85	ug/l	97
65) Chlorobenzene	10.14	112	37360	5.05	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	11517	4.30	ug/l	99
67) Ethyl Benzene	10.26	91	64010	5.17	ug/l	97
68) m/p-Xylenes	10.36	106	47550	9.88	ug/l	99
69) o-Xylene	10.70	106	23465	4.90	ug/l	98
70) Styrene	10.71	104	36647	4.68	ug/l	99
71) Bromoform	10.86	173	7143	3.36	ug/l #	100
73) Isopropylbenzene	11.02	105	62507	5.19	ug/l	99
74) N-amyl acetate	6.47	43	30617	4.72	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	18122	4.79	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	18295m	4.82	ug/l	
77) Bromobenzene	11.26	156	17105	5.06	ug/l	99
78) n-propylbenzene	11.37	91	71192	5.32	ug/l	99
79) 2-Chlorotoluene	11.43	91	42733	5.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	51514	4.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	3481	3.21	ug/l #	65
82) 4-Chlorotoluene	11.51	91	49764	5.11	ug/l	100
83) tert-Butylbenzene	11.77	119	49596	4.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	52137	4.91	ug/l	96
85) sec-Butylbenzene	11.95	105	62991	5.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	55326	5.16	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	31889	5.28	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	32037	5.15	ug/l	97
89) n-Butylbenzene	12.39	91	46887	5.21	ug/l	99
90) Hexachloroethane	12.60	117	6237	3.64	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	31312	5.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	3185	3.85	ug/l	98

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

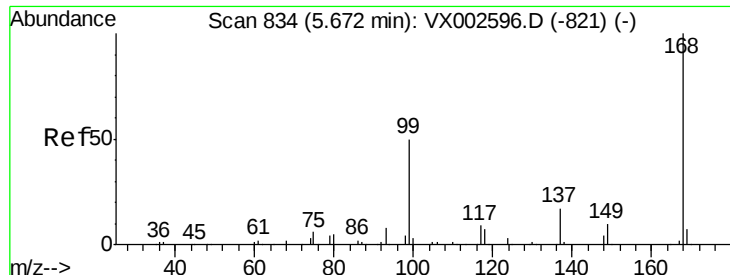
Manual Integrations
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6/18/2018 5:11:57 PM

Quant Time: Jun 15 13:24:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 15 13:16:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	21784	4.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	11820	5.46	ug/l	97
95) Naphthalene	13.84	128	57609	4.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	22086	4.94	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 221071

Ion Ratio Lower Upper

168 100

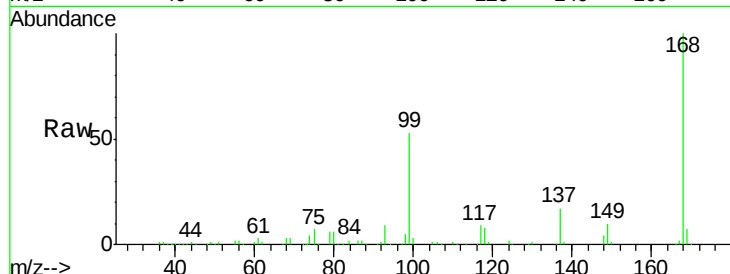
99 52.5 39.3 58.9

Manual Integrations

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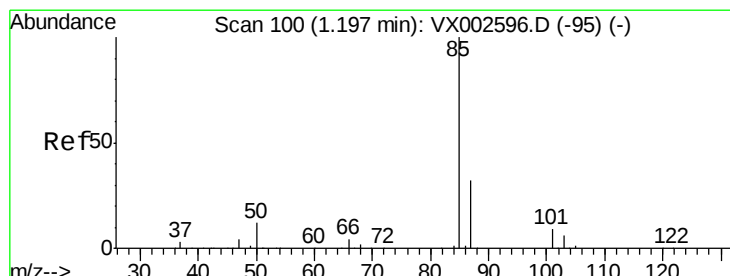
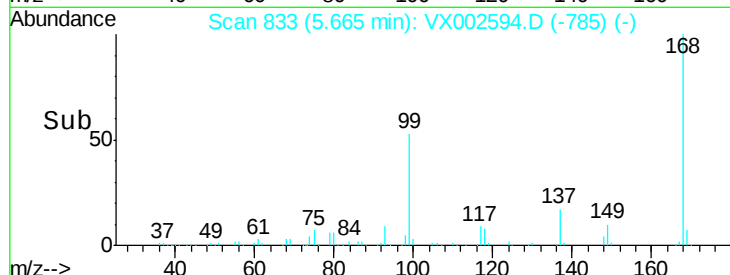
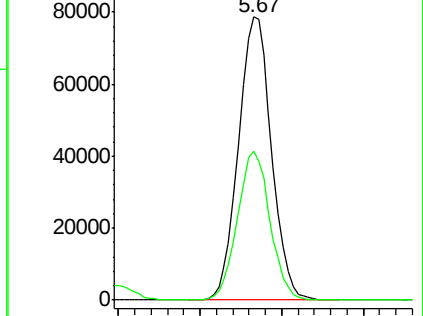
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 5.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX002594.D

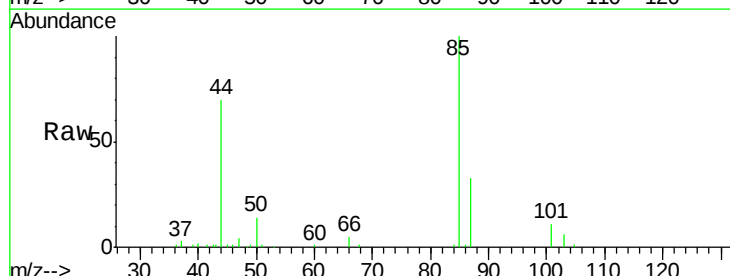
Acq: 15 Jun 2018 12:02

Tgt Ion: 85 Resp: 12916

Ion Ratio Lower Upper

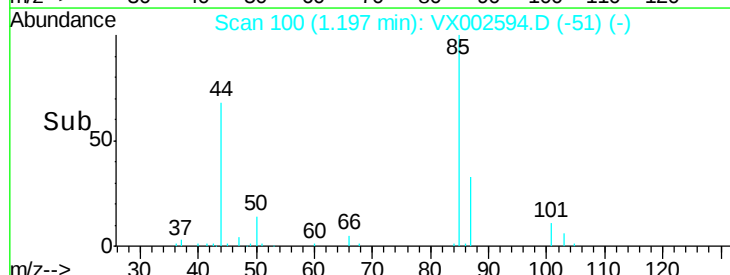
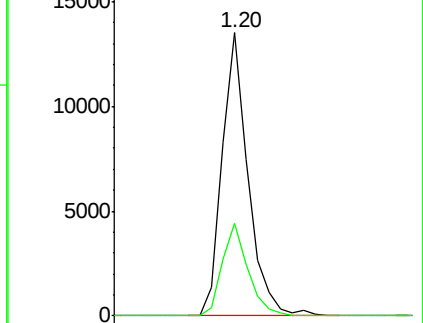
85 100

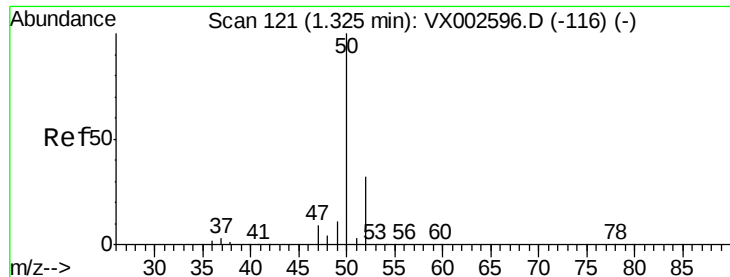
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 5.18 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 15668

Ion Ratio Lower Upper

50 100

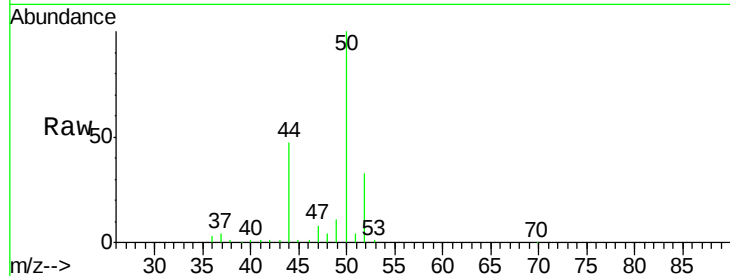
52 33.1 25.7 38.5

Manual Integrations

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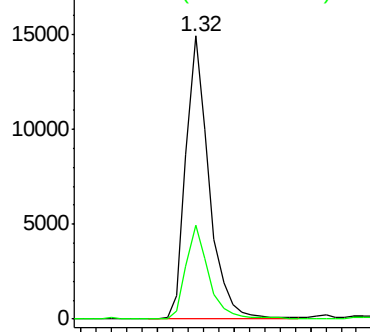
MMDadoda

6/18/2018 5:11:57 PM

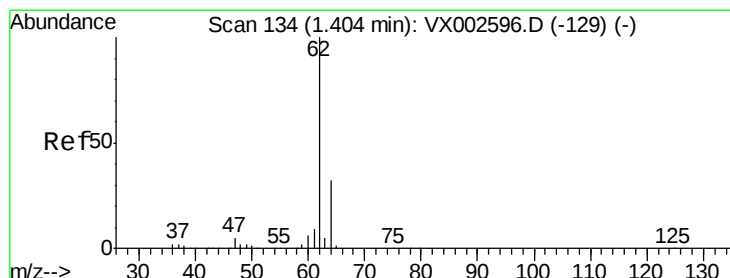
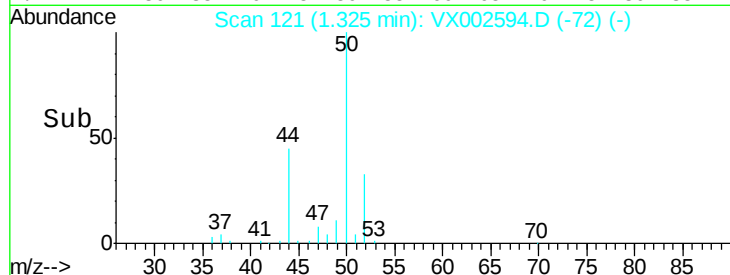


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 5.64 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002594.D

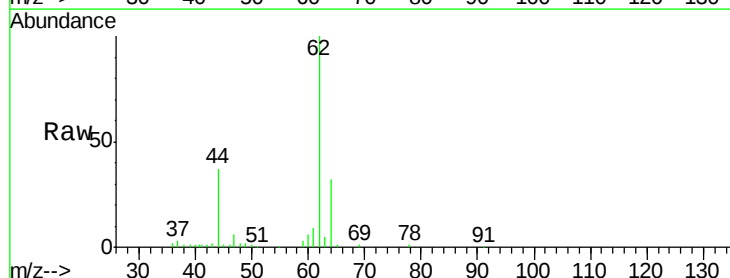
Acq: 15 Jun 2018 12:02

Tgt Ion: 62 Resp: 16343

Ion Ratio Lower Upper

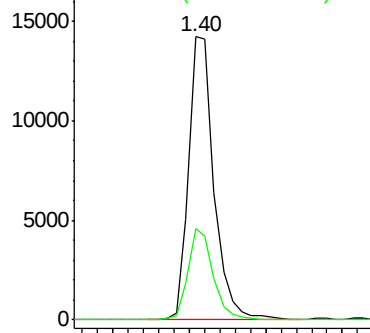
62 100

64 32.1 25.4 38.2

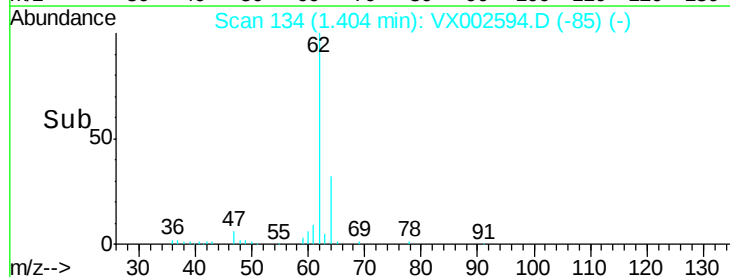


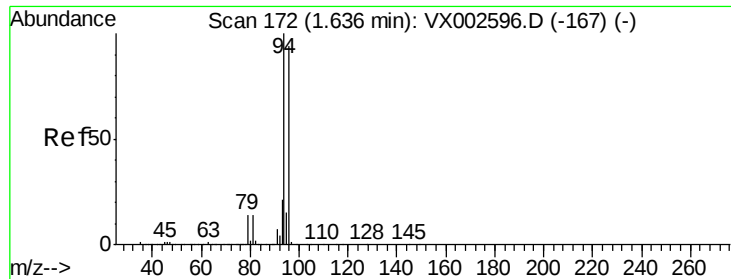
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 4.40 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 10122

Ion Ratio Lower Upper

94 100

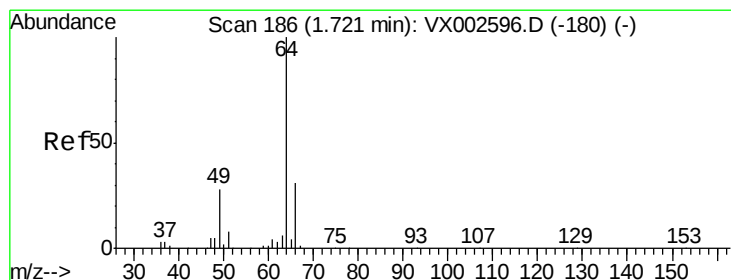
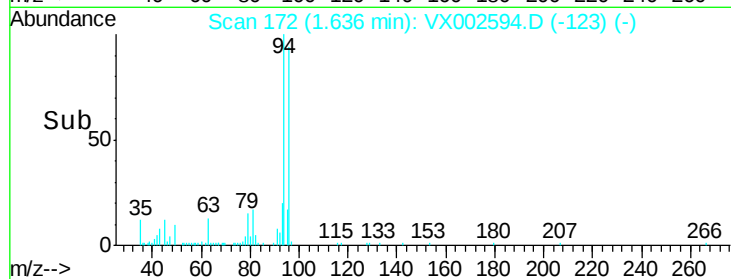
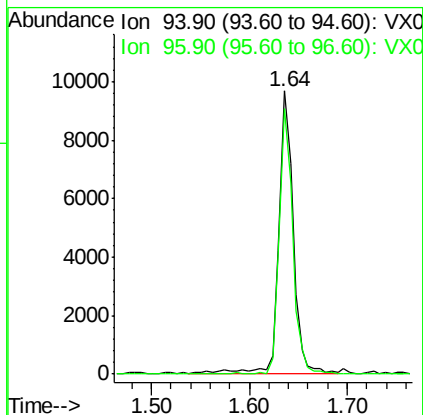
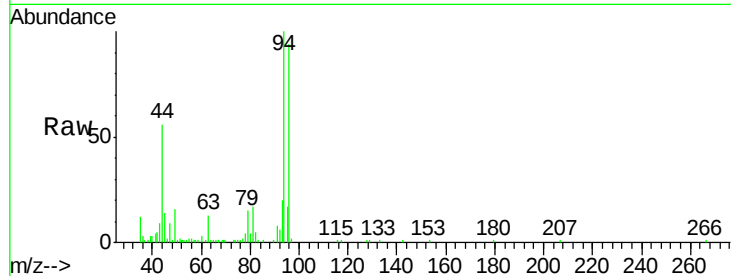
96 93.7 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 5.49 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002594.D

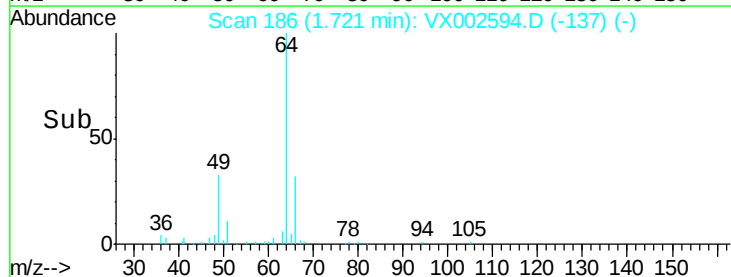
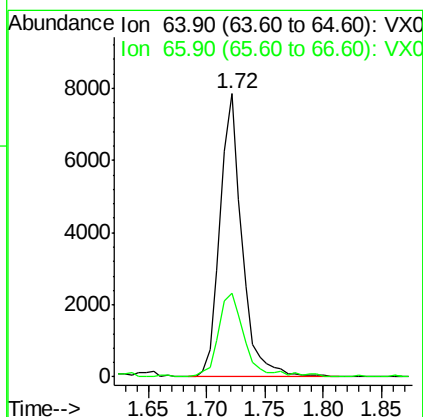
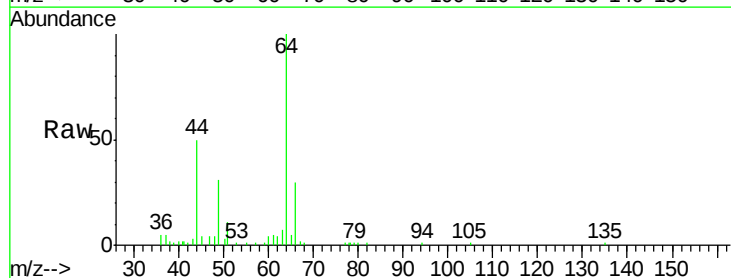
Acq: 15 Jun 2018 12:02

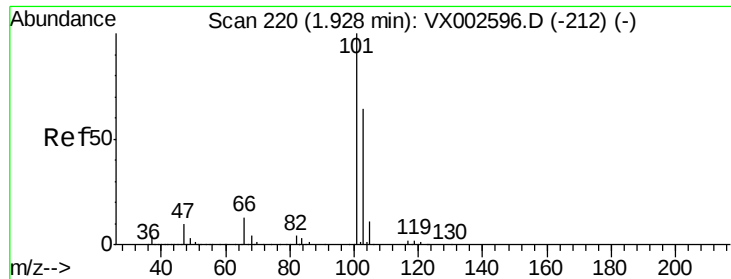
Tgt Ion: 64 Resp: 10279

Ion Ratio Lower Upper

64 100

66 29.6 25.5 38.3





#7

Trichlorofluoromethane

Concen: 5.88 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 25931

Ion Ratio Lower Upper

101 100

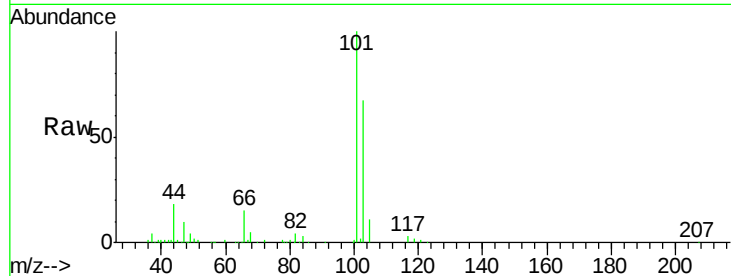
103 66.9 52.8 79.2

Manual Integrations

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

20000

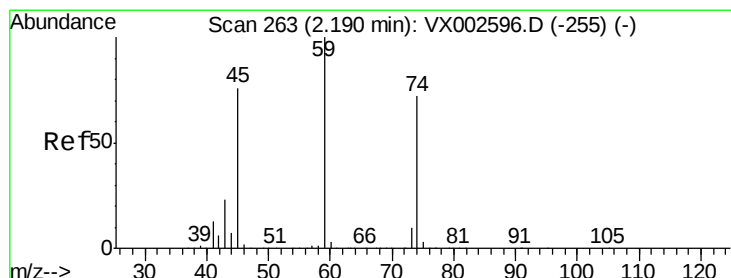
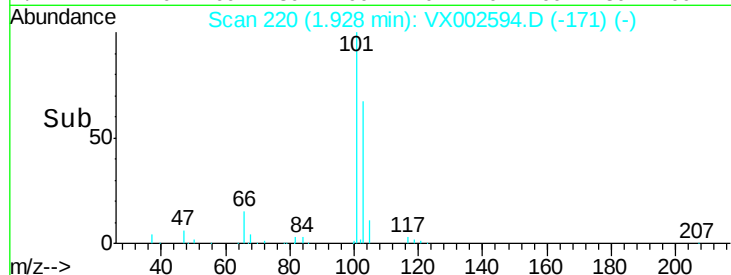
15000

10000

5000

0

Time-->



#8

Diethyl Ether

Concen: 5.33 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX002594.D

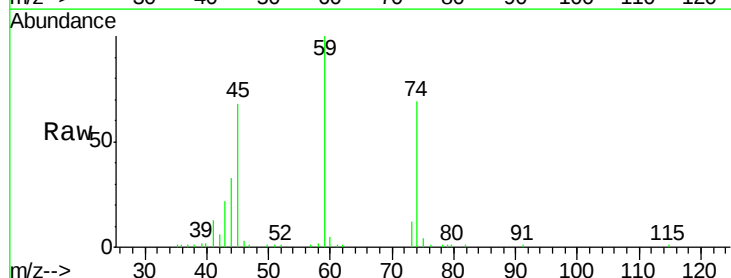
Acq: 15 Jun 2018 12:02

Tgt Ion: 74 Resp: 9583

Ion Ratio Lower Upper

74 100

45 103.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

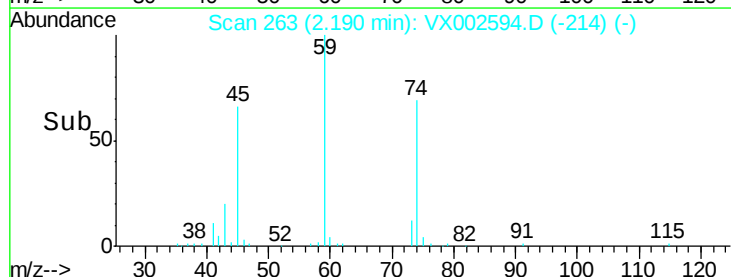
6000

4000

2000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.25 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

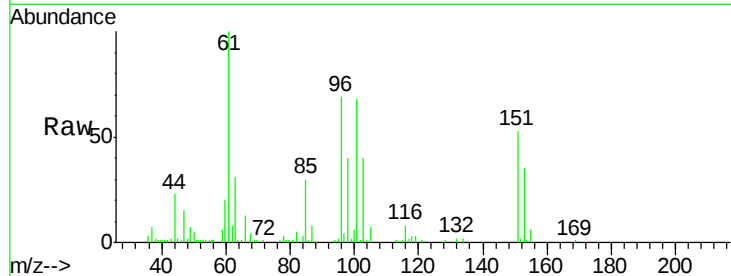
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.2	36.0	54.0
151	88.1	70.9	106.3

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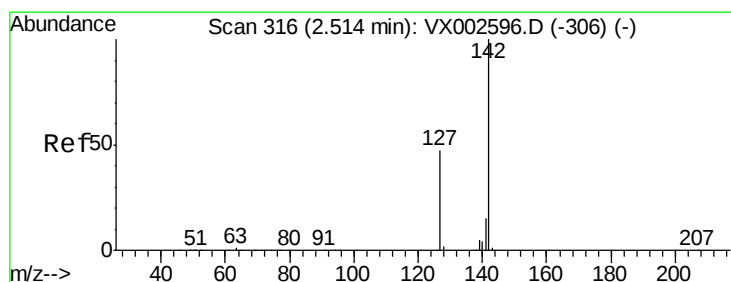
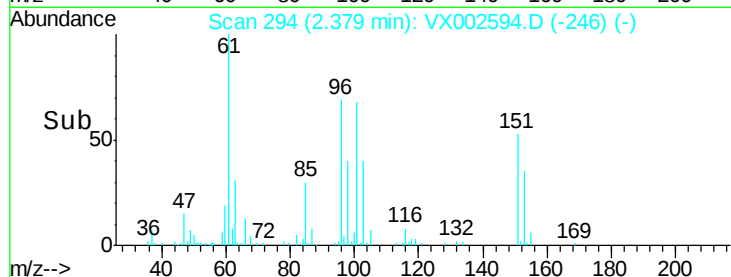
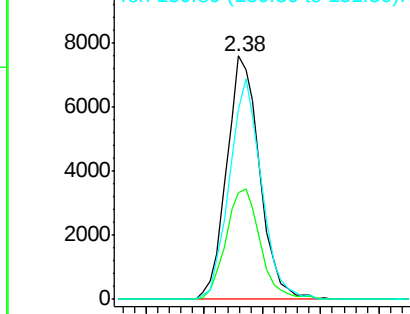


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 3.53 ug/l

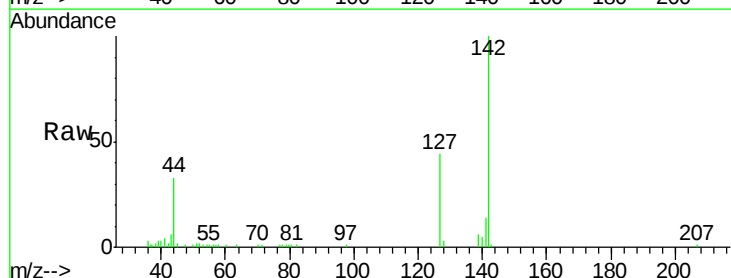
RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.0	36.6	55.0
141	14.1	11.3	16.9

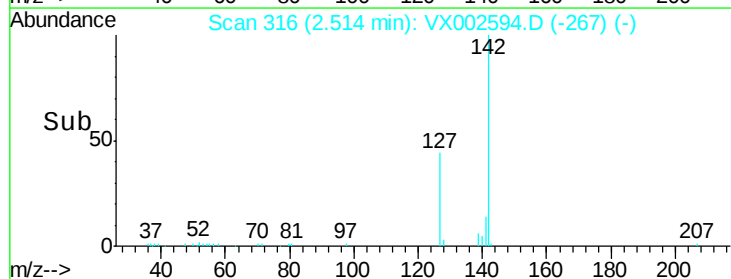
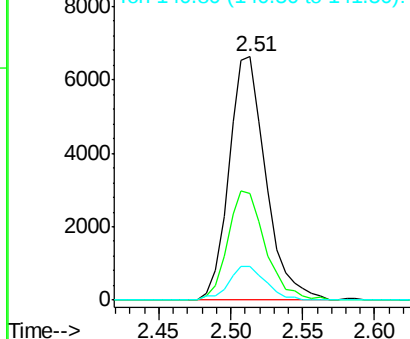


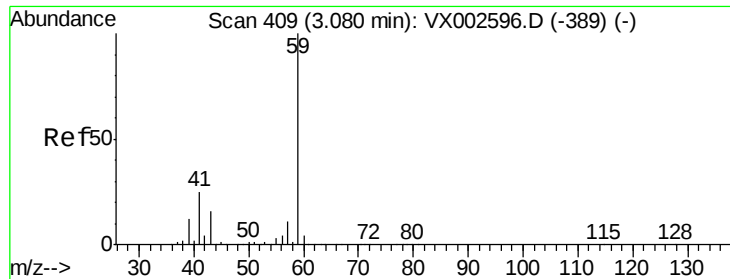
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





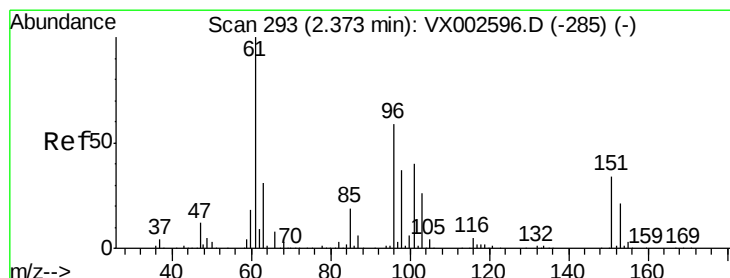
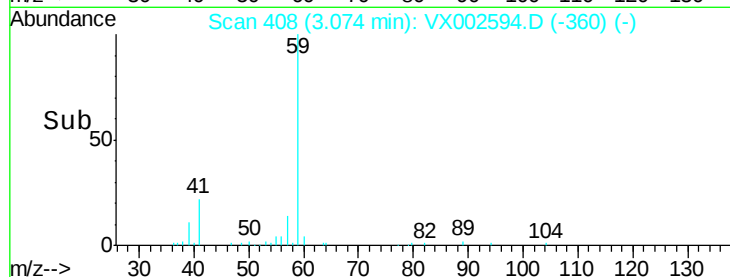
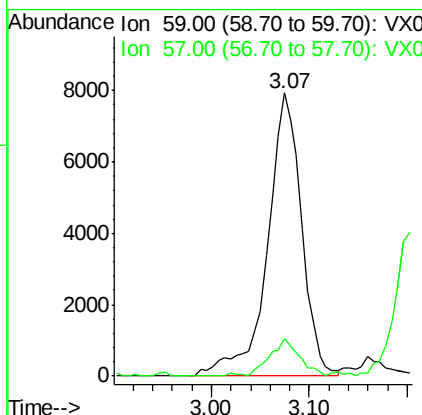
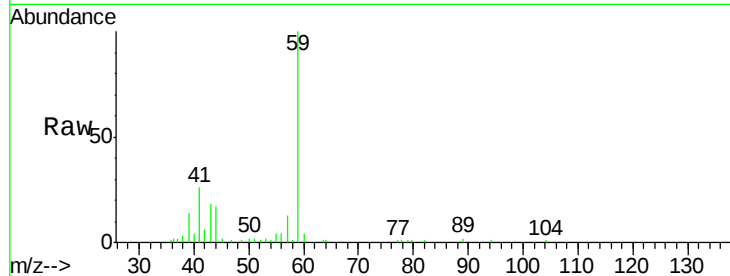
#11
Tert butyl alcohol
Concen: 27.20 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	59.00	Resp	19271
Ion Ratio	100	Lower	Upper
59	100		
57	11.3	8.2	12.2

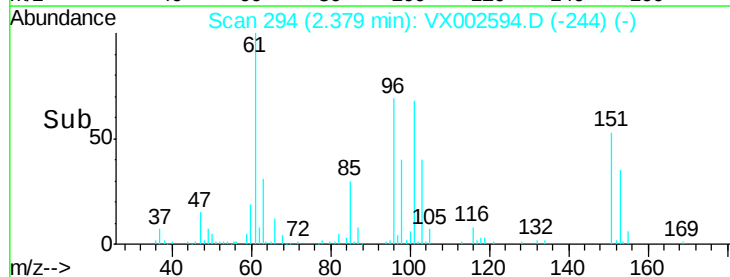
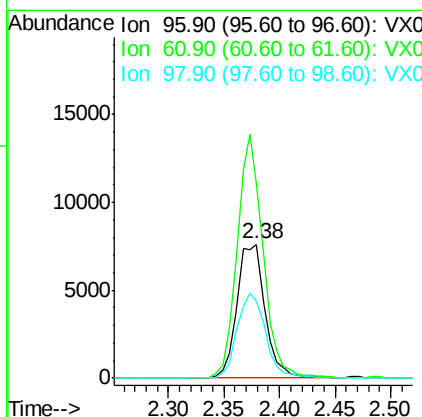
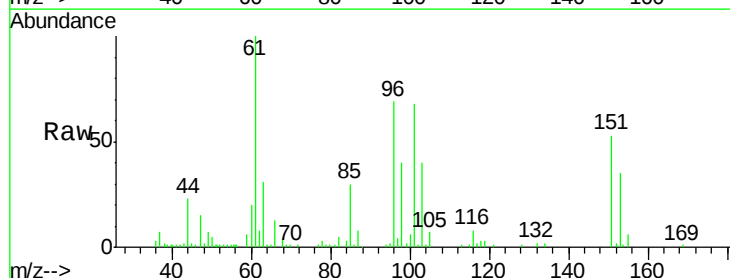
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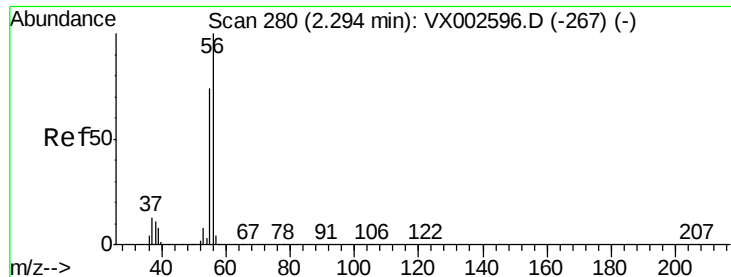
MMDadoda
6/18/2018 5:11:57 PM



#12
1,1-Dichloroethene
Concen: 5.69 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	96	Resp	13385
Ion Ratio	100	Lower	Upper
96	100		
61	145.9	137.9	206.9
98	57.6	51.6	77.4





#13

Acrolein

Concen: 35.00 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 11942

Ion Ratio Lower Upper

56 100

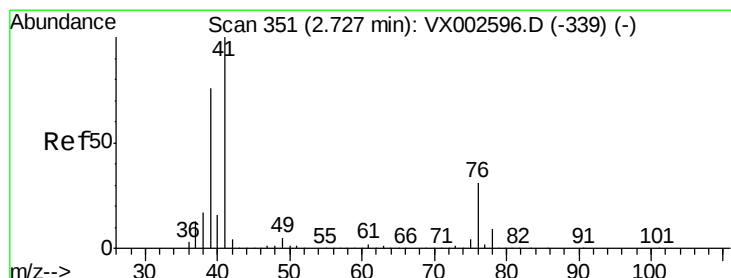
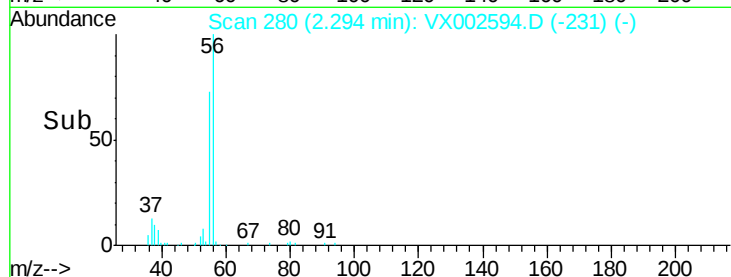
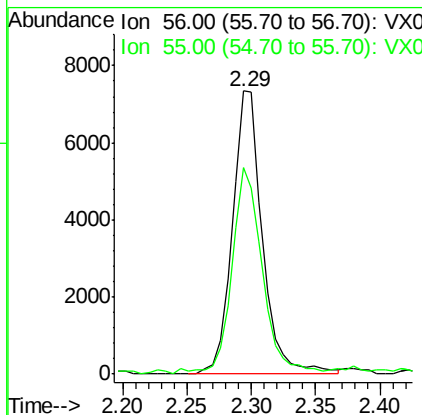
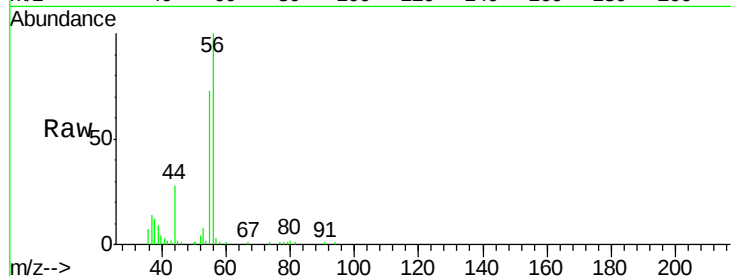
55 74.2 57.0 85.4

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#14

Allyl chloride

Concen: 4.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

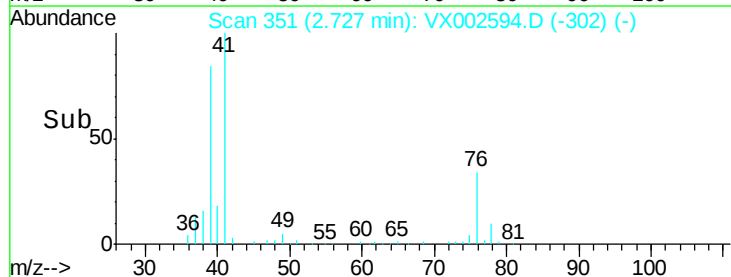
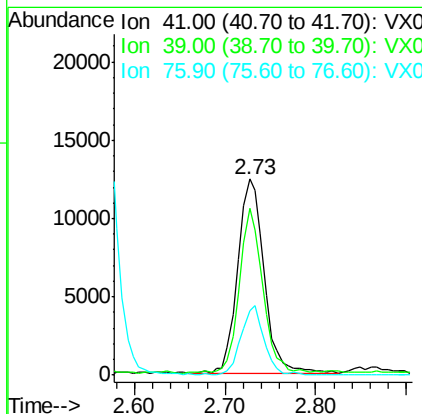
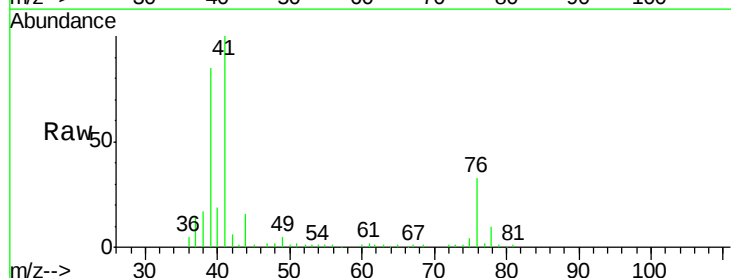
Tgt Ion: 41 Resp: 25201

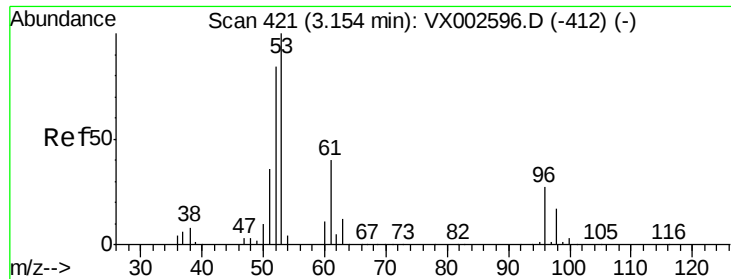
Ion Ratio Lower Upper

41 100

39 76.3 56.8 85.2

76 31.1 23.8 35.8





#15

Acrylonitrile

Concen: 26.84 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

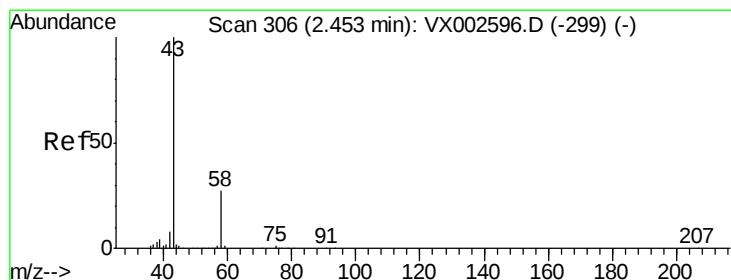
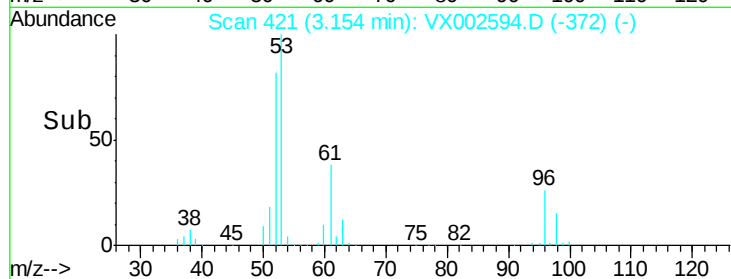
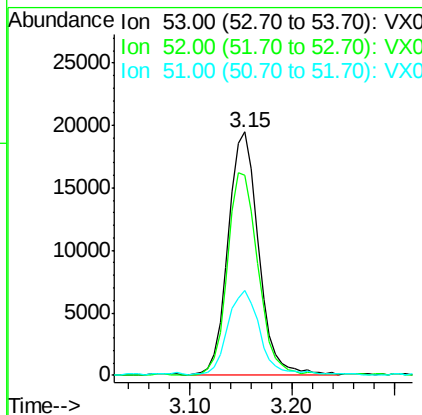
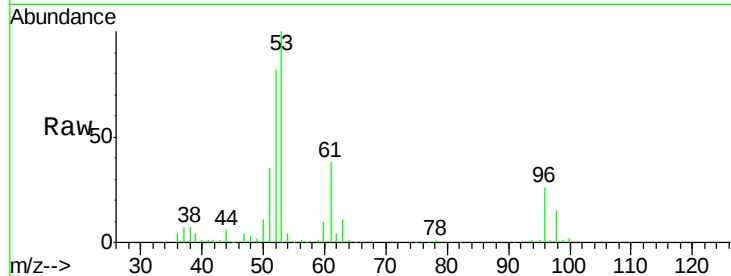
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	40469
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.7	100.1
51	36.2	29.9	44.9

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#16

Acetone

Concen: 24.63 ug/l

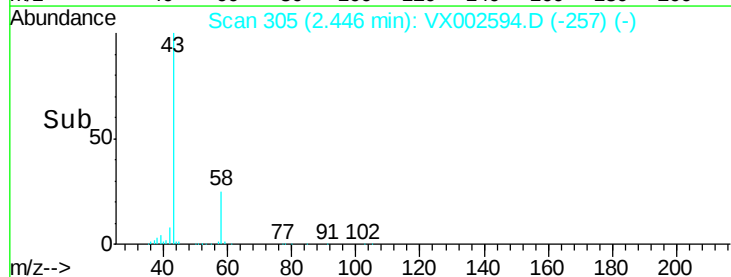
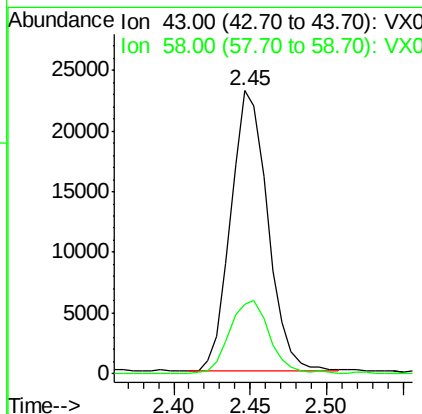
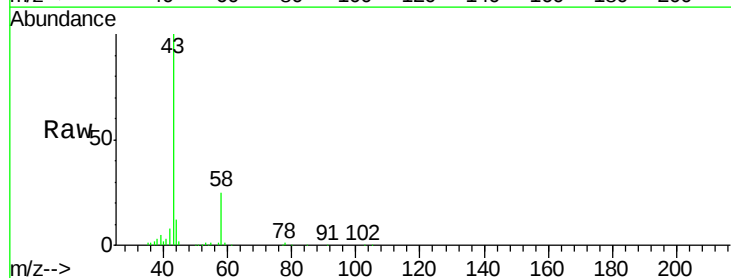
RT: 2.45 min Scan# 305

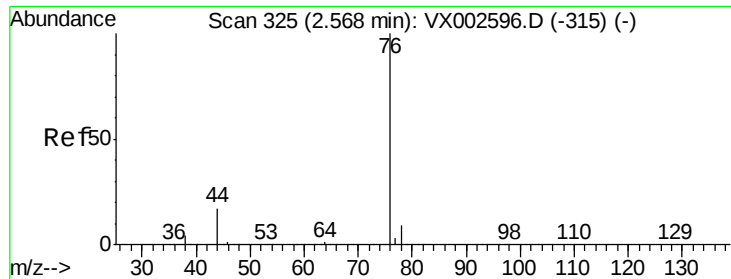
Delta R.T. -0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	43	Resp:	38929
Ion	Ratio	Lower	Upper
43	100		
58	24.8	22.1	33.1





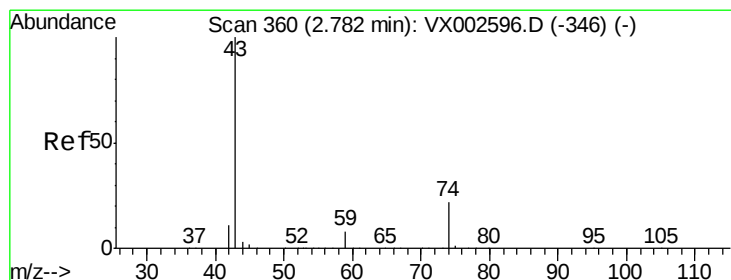
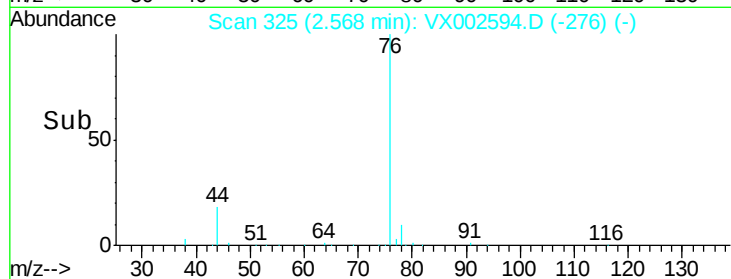
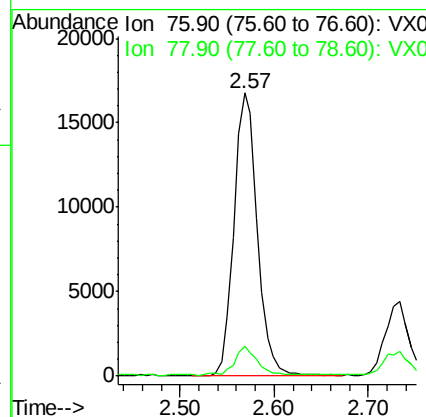
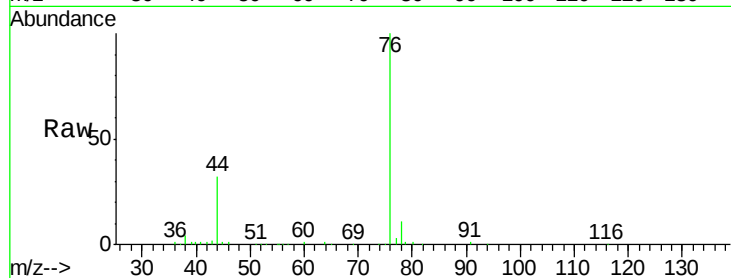
#17
Carbon Disulfide
Concen: 4.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.9	10.3

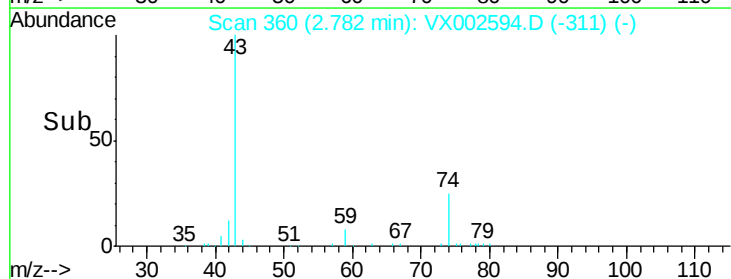
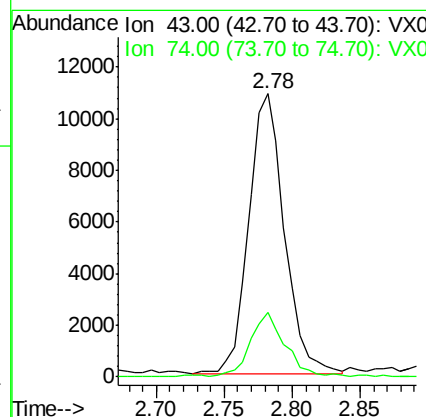
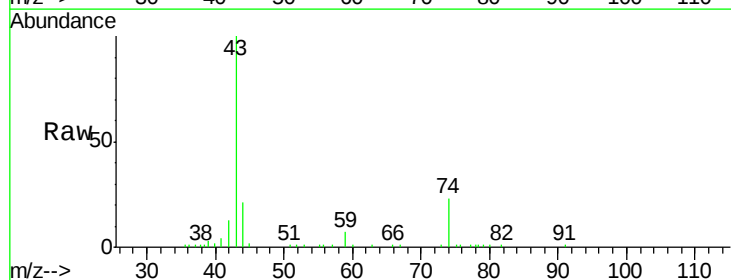
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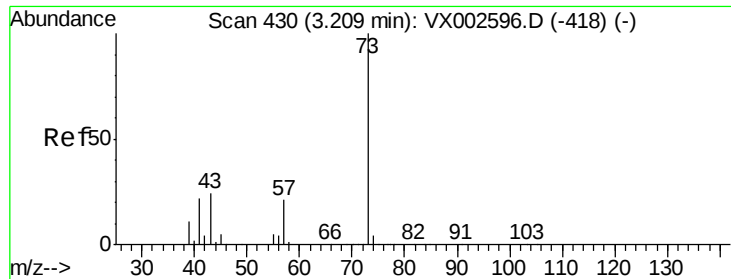
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#18
Methyl Acetate
Concen: 5.32 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	16.7	25.1





#19

Methyl tert-butyl Ether

Concen: 5.20 ug/l

RT: 3.20 min Scan# 429

Delta R.T. -0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tot Ion: 73 Resp: 48504

Ion Ratio Lower Upper

73 100

57 20.0 17.7 26.5

Instrument :

MSVOA_X

ClientSampleId :

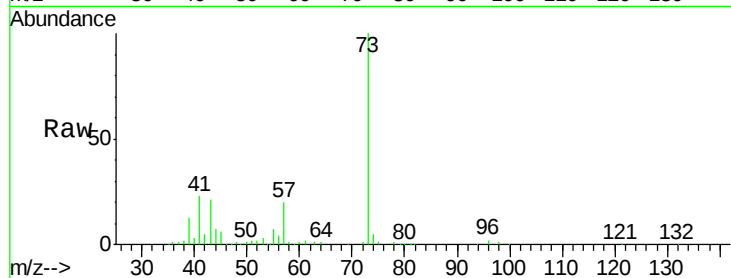
VSTDIC005

Manual Integrations

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.20

20000

15000

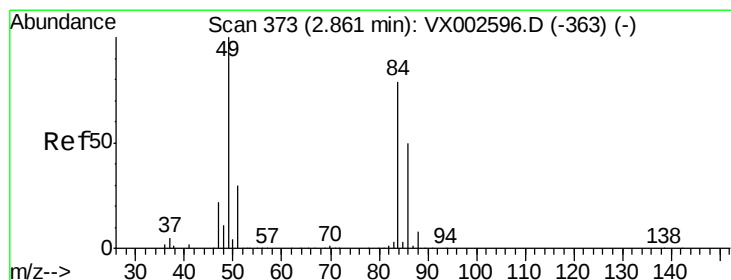
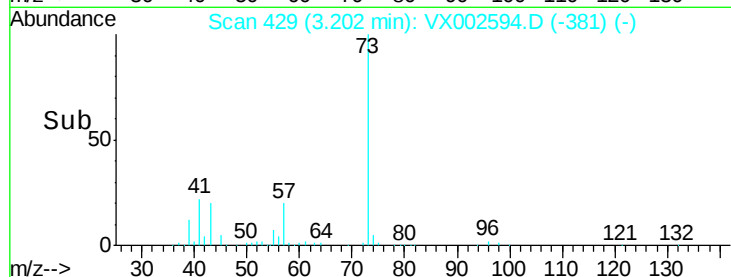
10000

5000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride

Concen: 5.13 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion: 84 Resp: 16128

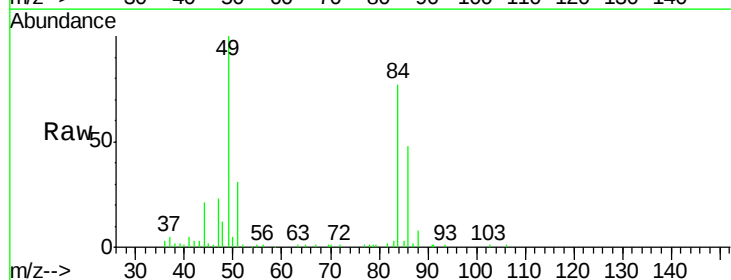
Ion Ratio Lower Upper

84 100

49 129.3 107.8 161.6

51 39.9 32.8 49.2

86 61.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

15000

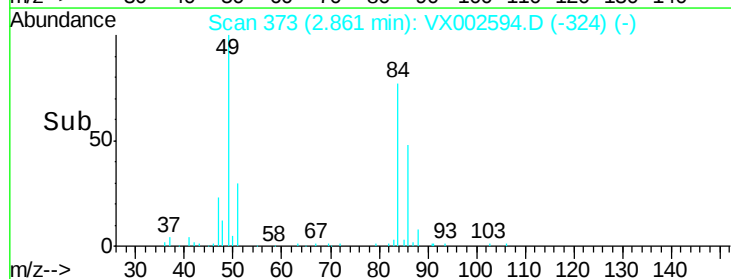
10000

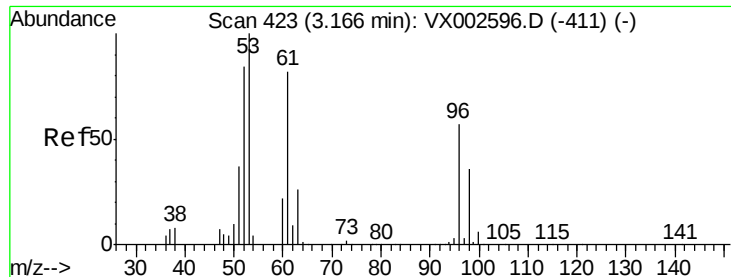
5000

0

Time-->

2.75 2.80 2.85 2.90 2.95





#21

trans-1,2-Dichloroethene

Concen: 5.52 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

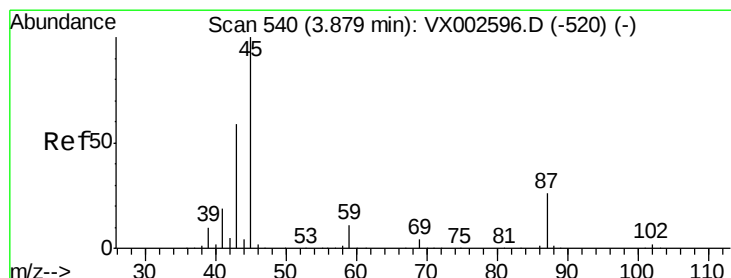
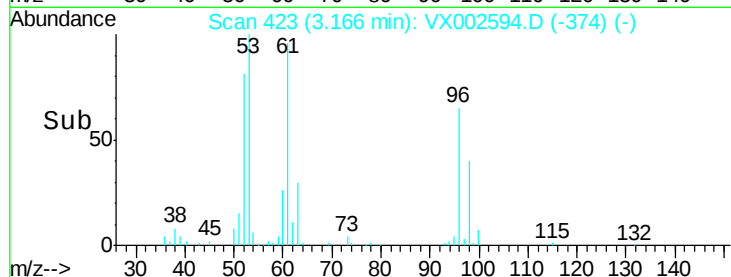
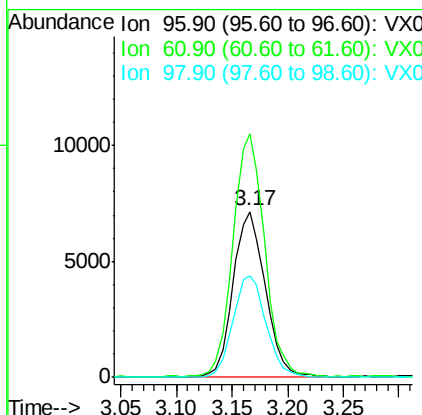
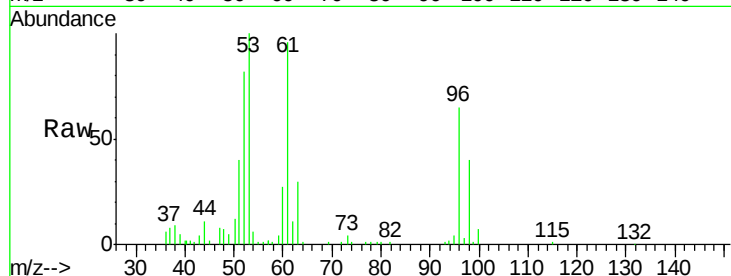
ClientSampled :

VSTDIC005

Tot Ion:	96	Resp:	14327
Ion	Ratio	Lower	Upper
96	100		
61	146.2	117.0	175.4
98	61.6	52.4	78.6

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#22

Diisopropyl ether

Concen: 4.68 ug/l

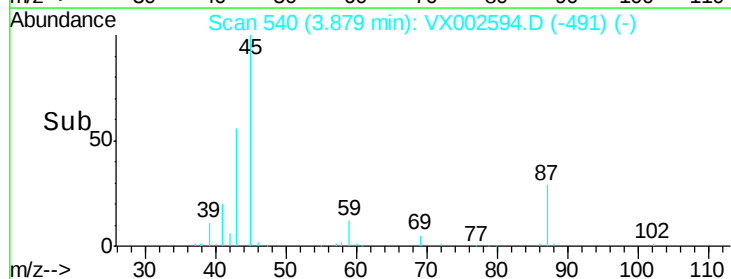
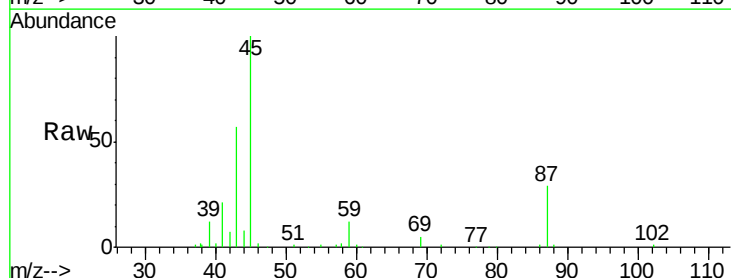
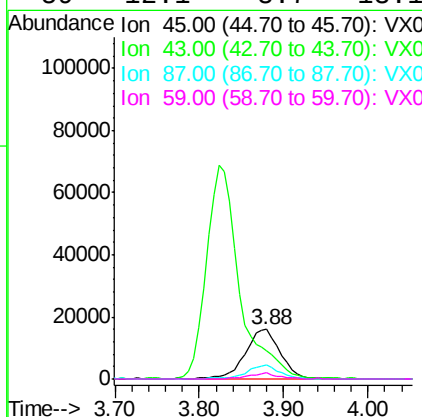
RT: 3.88 min Scan# 540

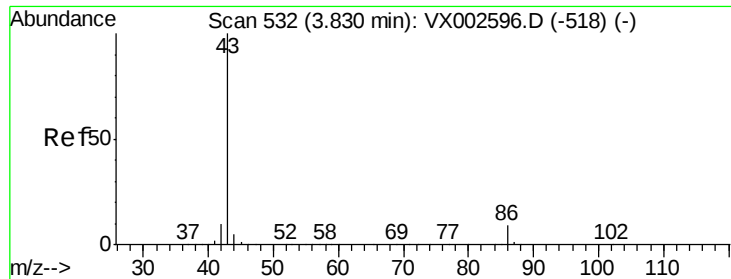
Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	45	Resp:	44597
Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.8	70.2
87	28.8	20.2	30.4
59	12.1	8.7	13.1





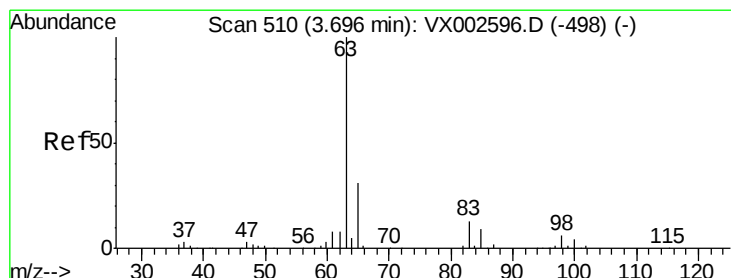
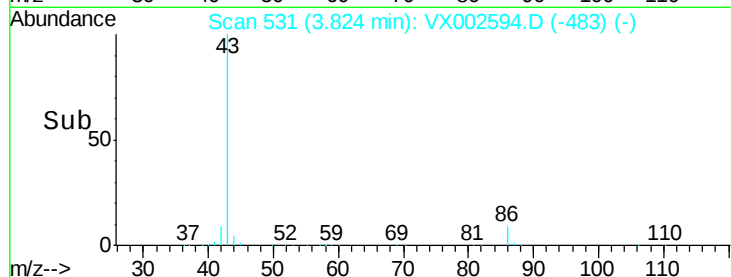
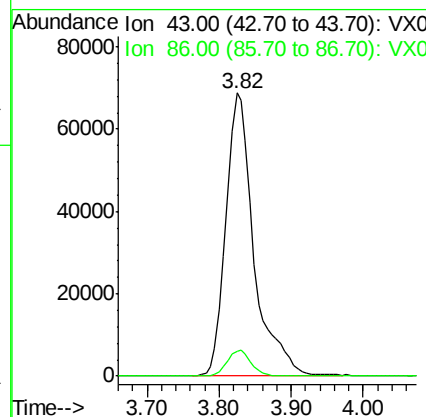
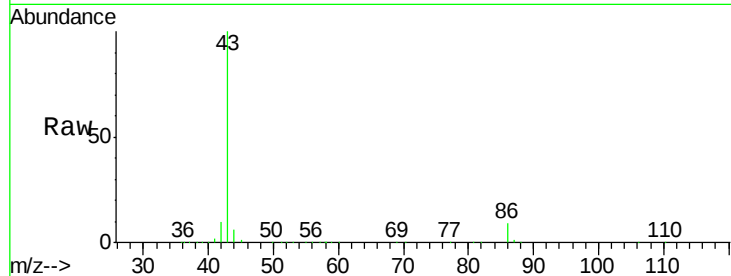
#23
 Vinyl Acetate
 Concen: 22.36 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.01 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.4	11.0

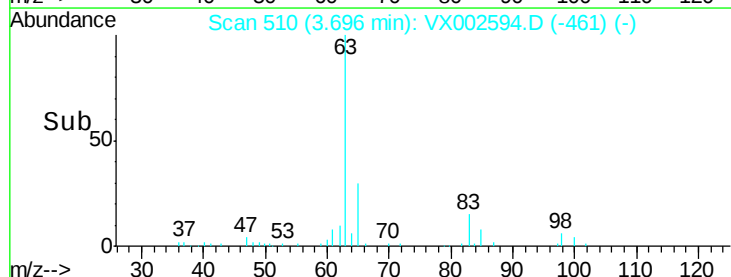
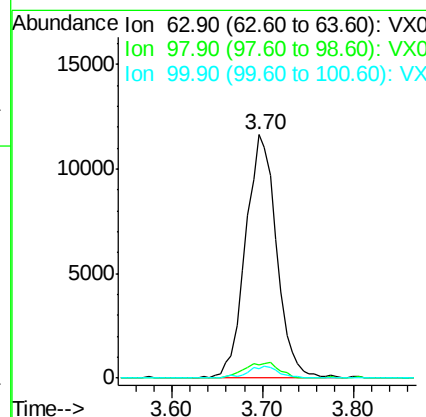
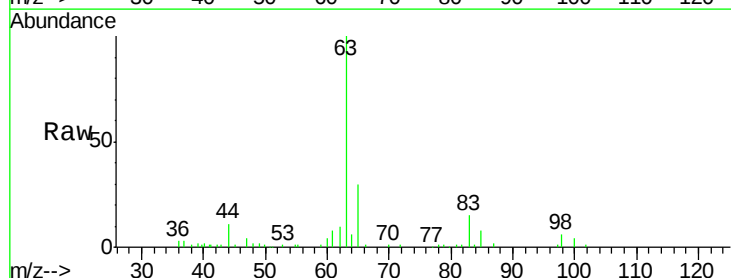
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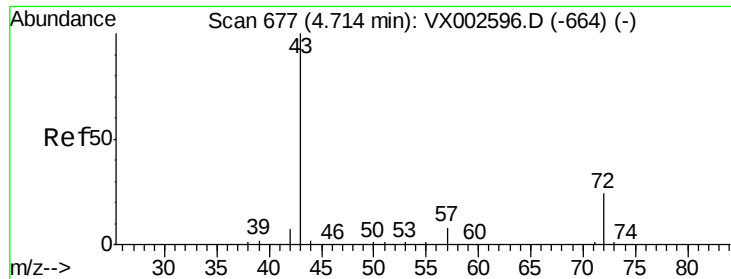
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#24
 1,1-Dichloroethane
 Concen: 5.47 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.4	10.2
100	4.1	2.0	6.0





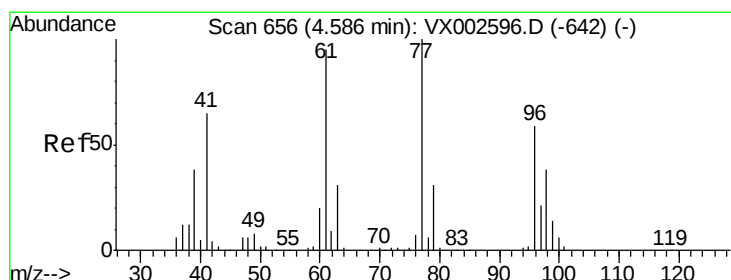
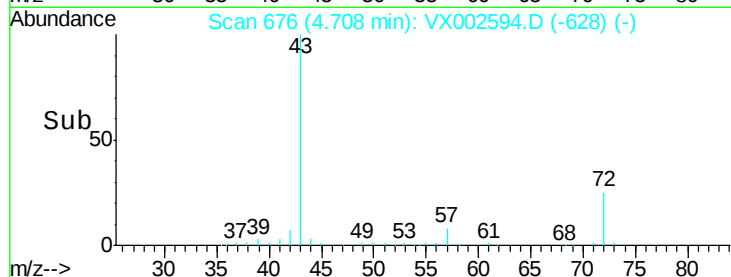
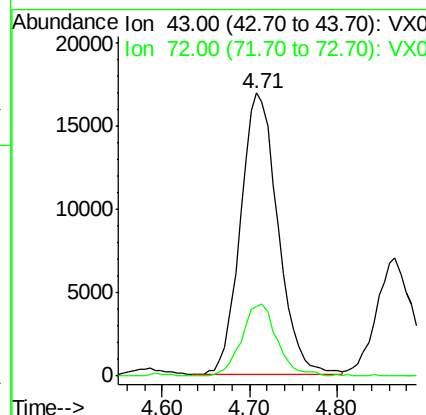
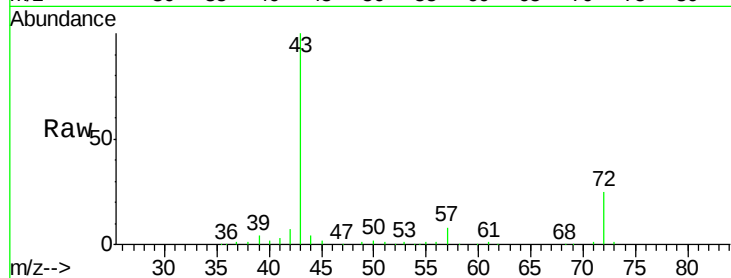
#25
2-Butanone
Concen: 23.24 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 50379
Ion Ratio Lower Upper
43 100
72 24.9 18.5 27.7

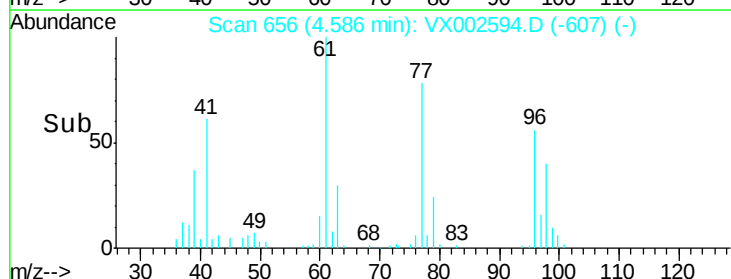
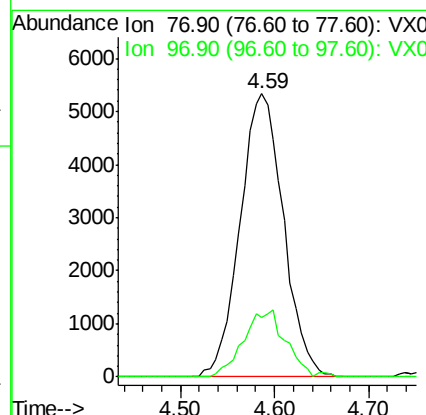
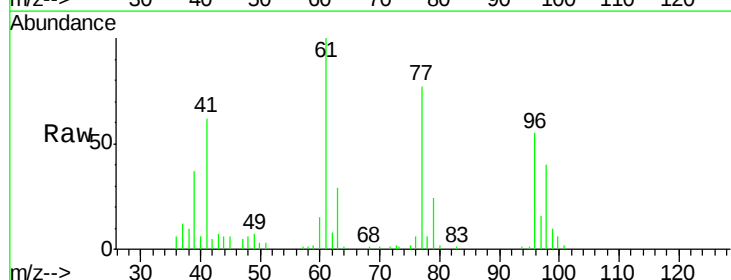
Manual Integrations
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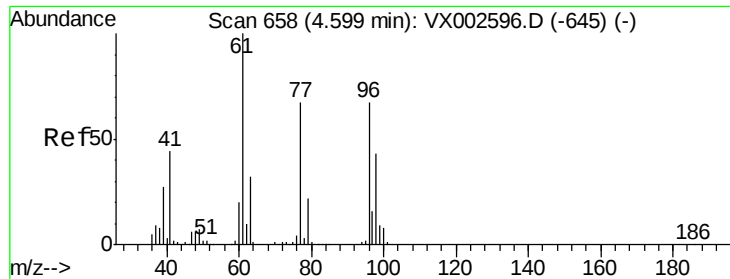
MMDadoda
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#26
2,2-Dichloropropane
Concen: 4.34 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion: 77 Resp: 17118
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 4.95 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

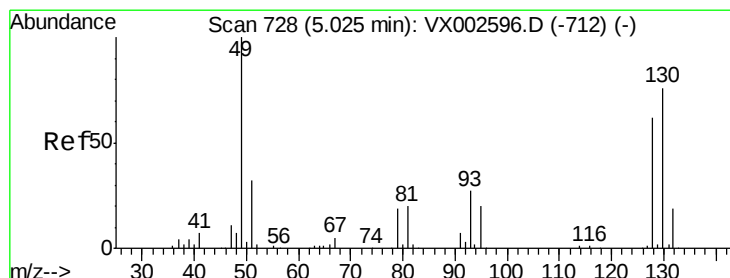
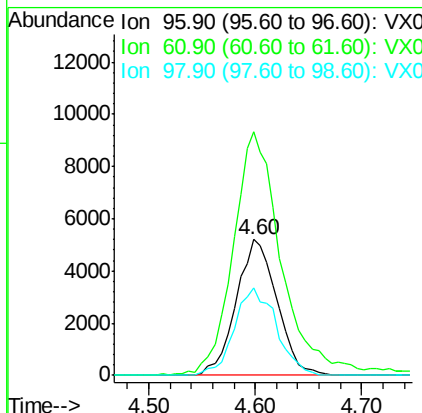
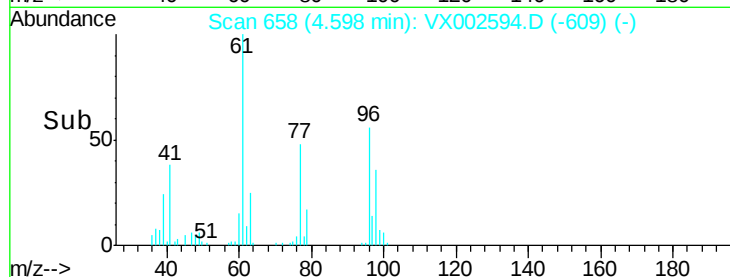
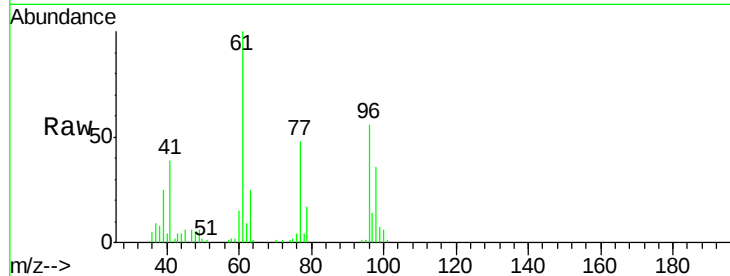
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	13959
Ion	Ratio	Lower	Upper
96	100		
61	211.0	0.0	330.2
98	66.2	0.0	130.2

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#28

Bromochloromethane

Concen: 4.69 ug/l

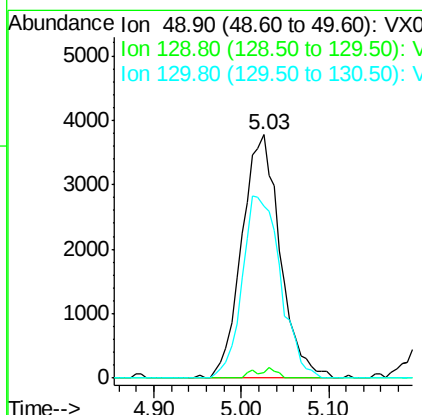
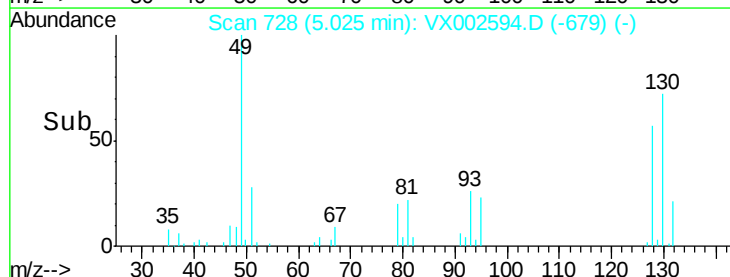
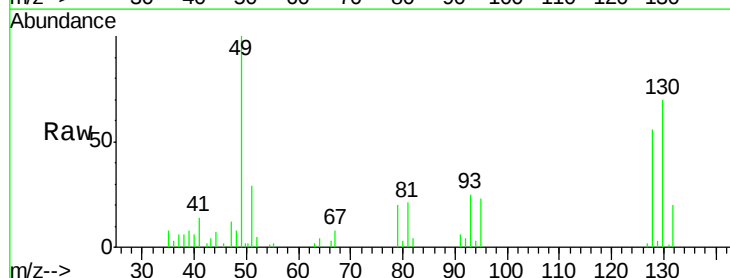
RT: 5.03 min Scan# 728

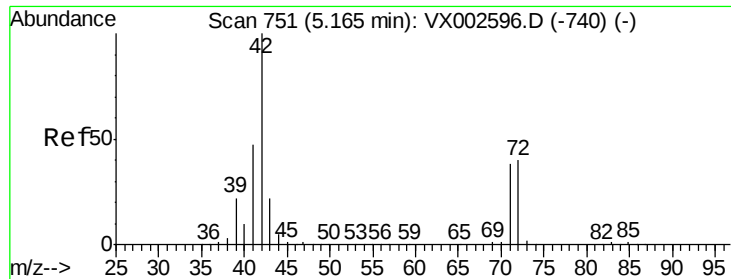
Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	49	Resp:	11468
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.2
130	0.0	61.2	91.8#





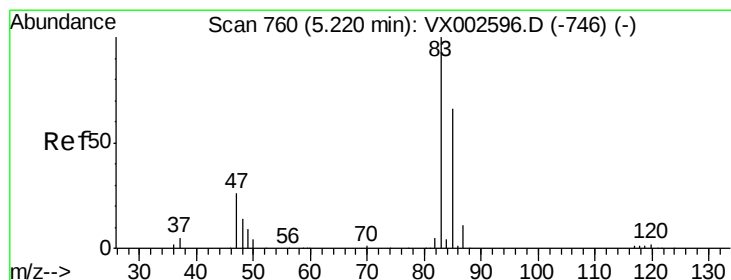
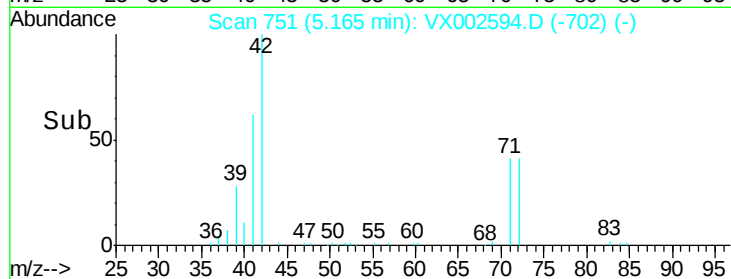
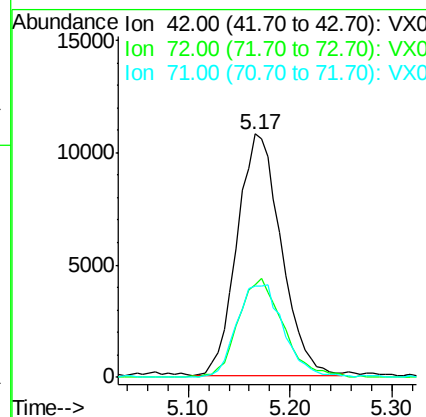
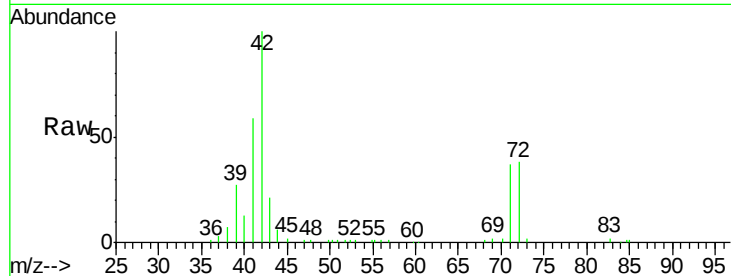
#29
Tetrahydrofuran
Concen: 23.06 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	40.6	30.1	45.1

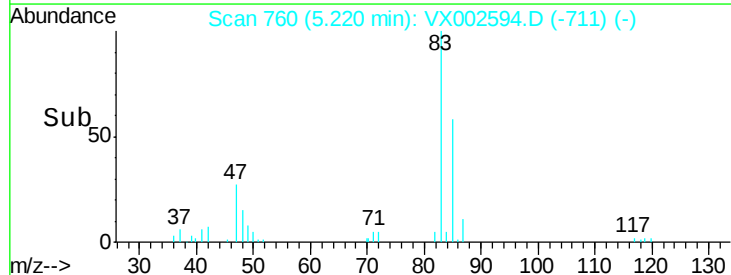
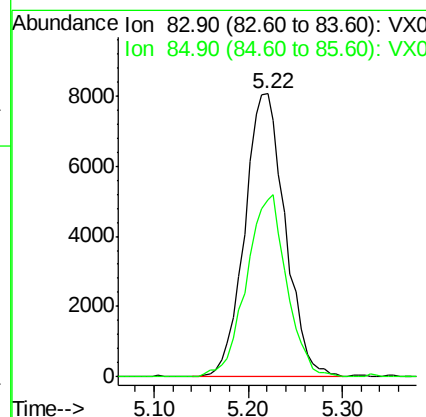
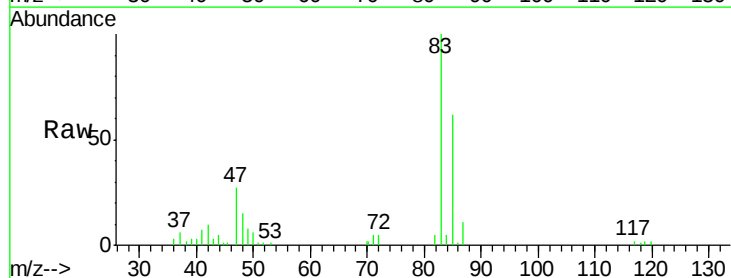
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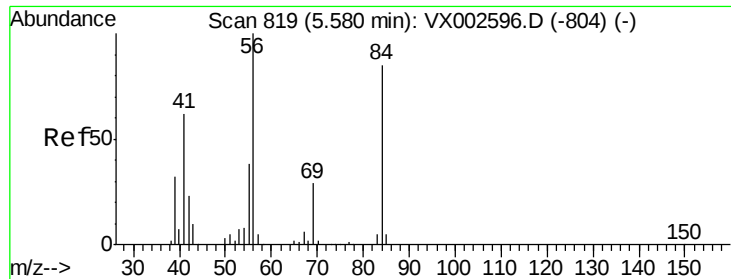
MMDadoda
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#30
Chloroform
Concen: 4.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.4	75.6





#31

Cyclohexane

Concen: 5.44 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

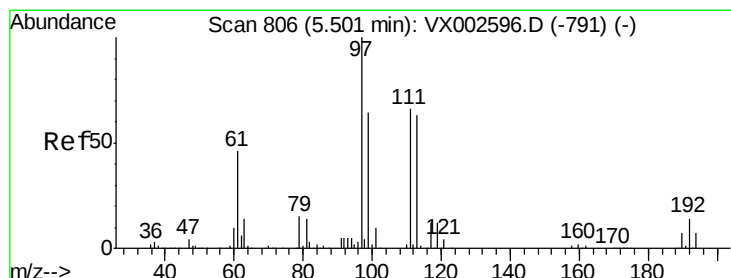
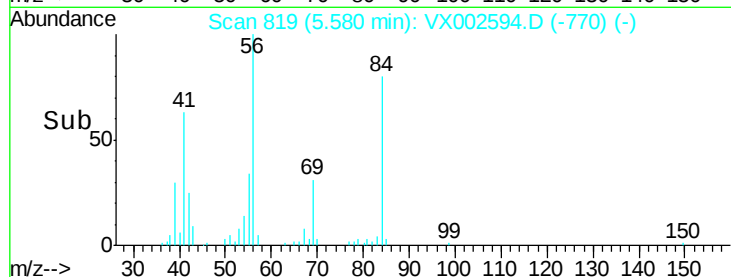
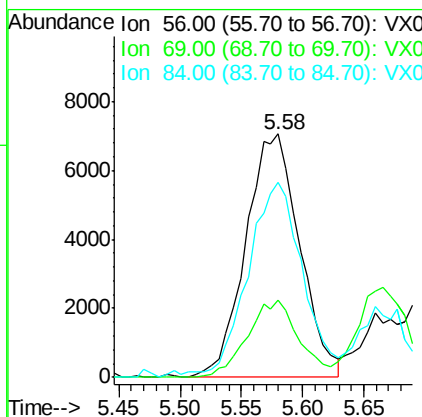
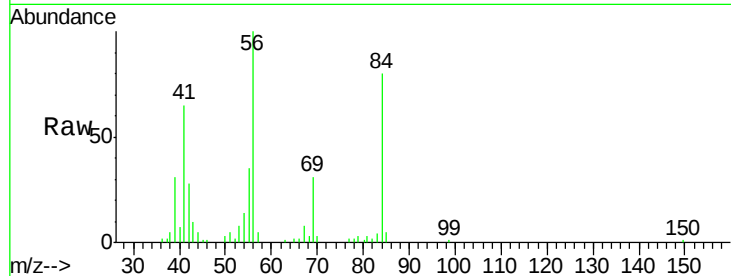
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	21697
Ion Ratio	Lower	Upper	
56	100		
69	31.5	23.7	35.5
84	78.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 4.55 ug/l

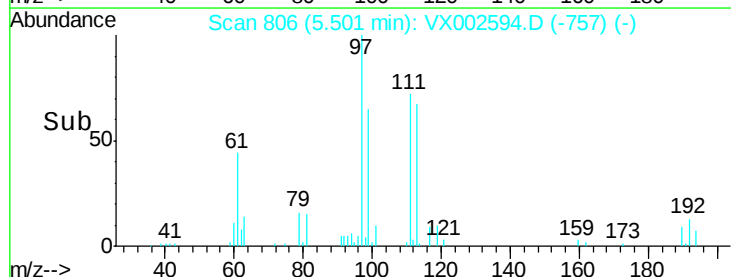
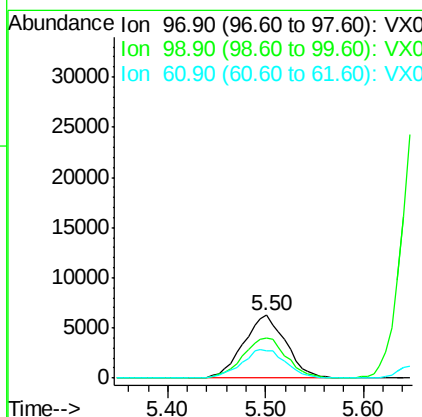
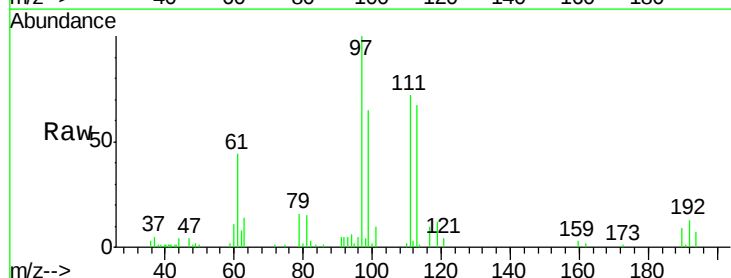
RT: 5.50 min Scan# 806

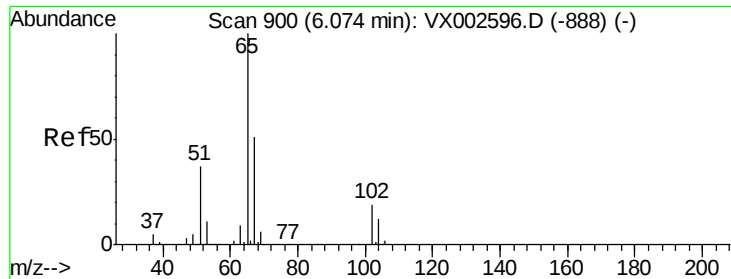
Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	97	Resp:	18796
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.6	77.4
61	47.4	36.4	54.6





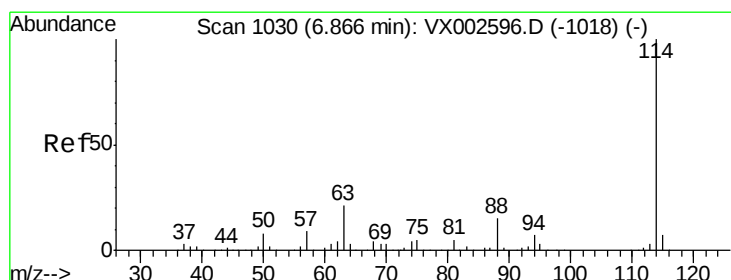
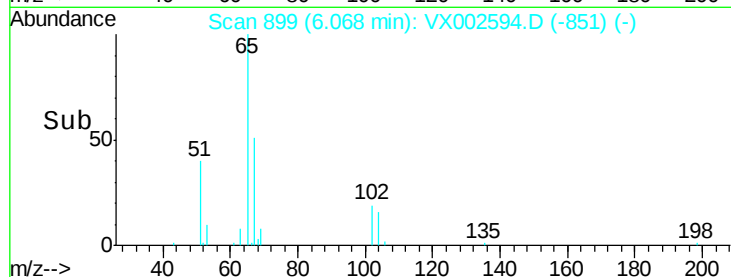
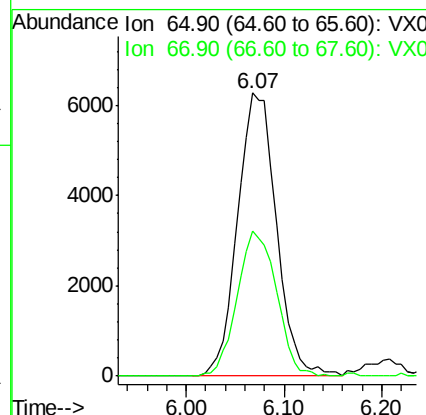
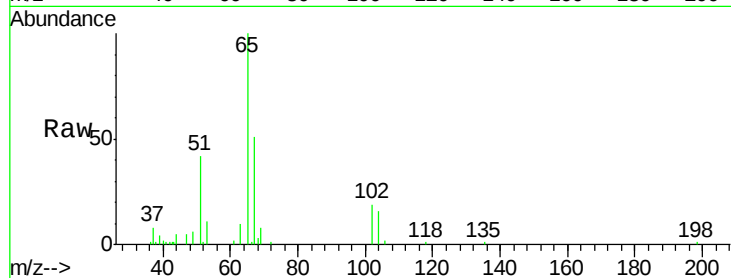
#33
 1,2-Dichloroethane-d4
 Concen: 5.02 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 65 Resp: 17272
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.6

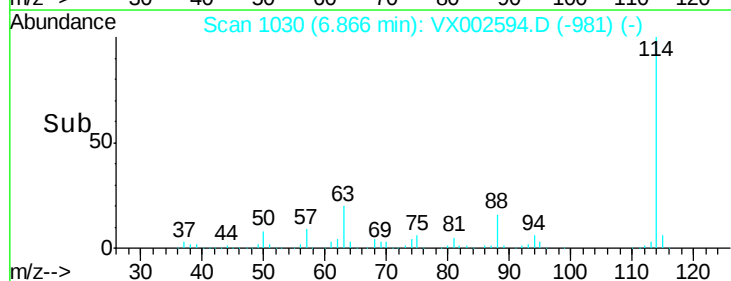
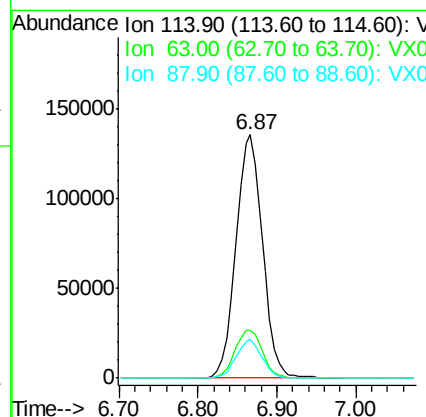
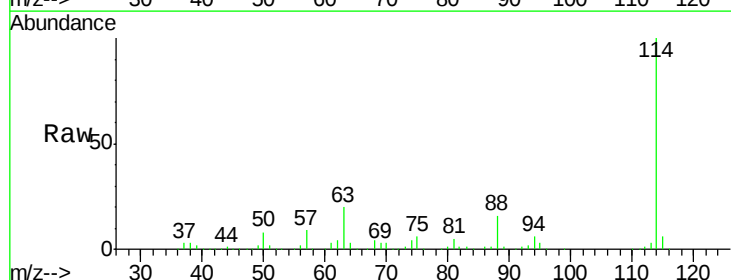
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion: 114 Resp: 317874
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.9 0.0 30.0





#35

Dibromofluoromethane

Concen: 5.09 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

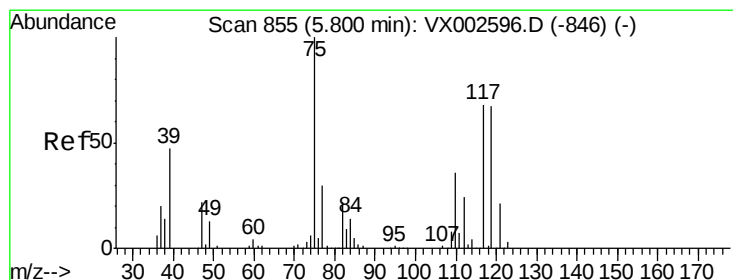
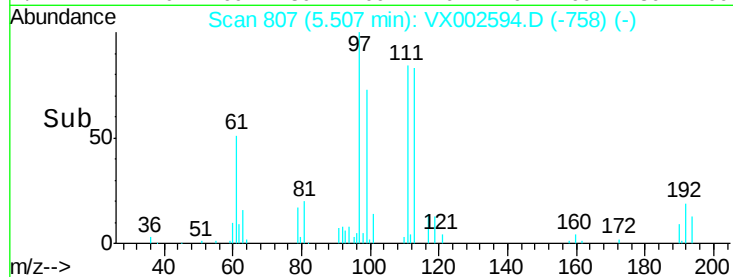
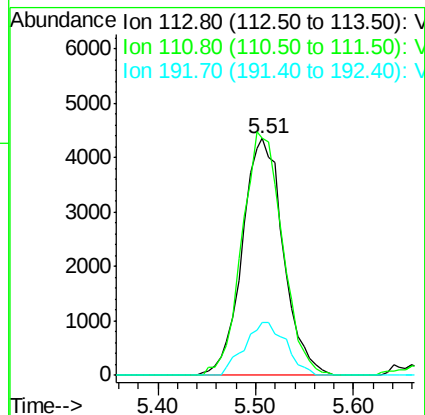
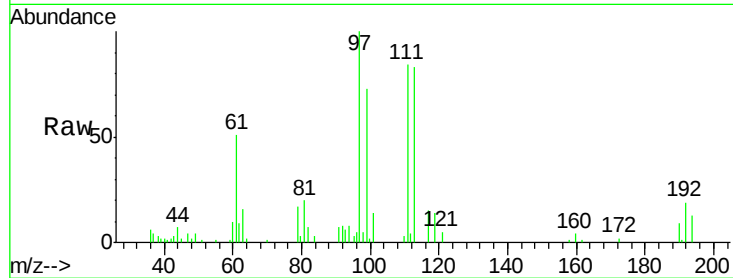
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	12718
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	22.6	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 5.19 ug/l

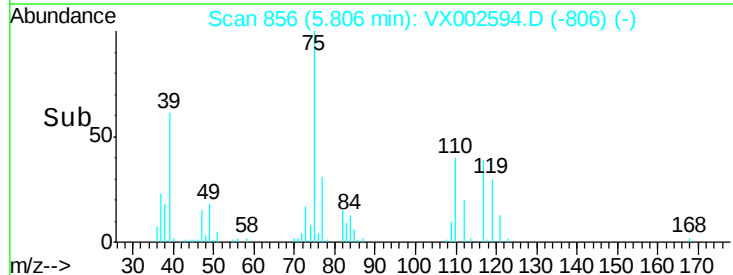
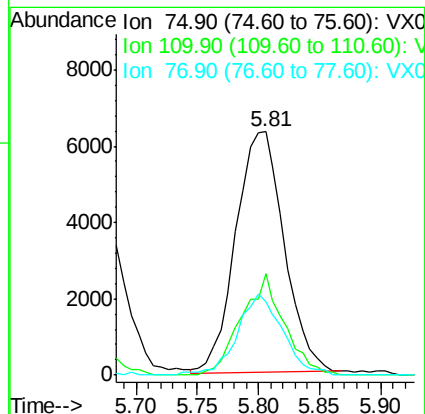
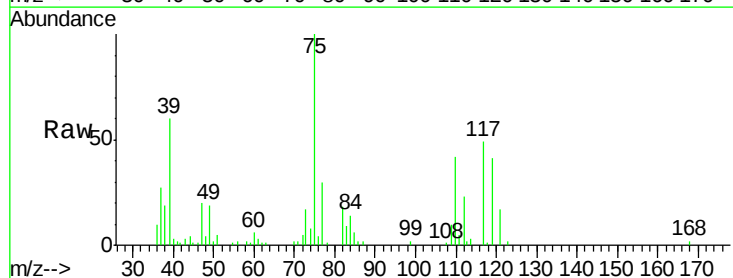
RT: 5.81 min Scan# 856

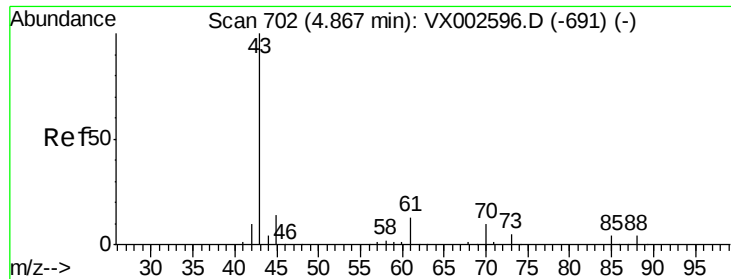
Delta R.T. 0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	75	Resp:	17342
Ion	Ratio	Lower	Upper
75	100		
110	37.1	18.1	54.4
77	31.6	24.3	36.5





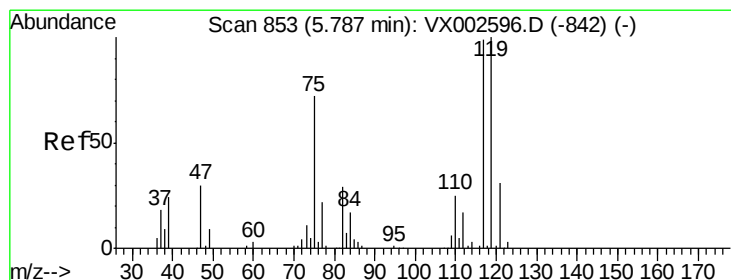
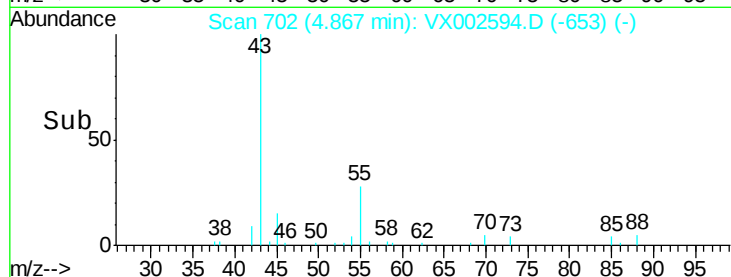
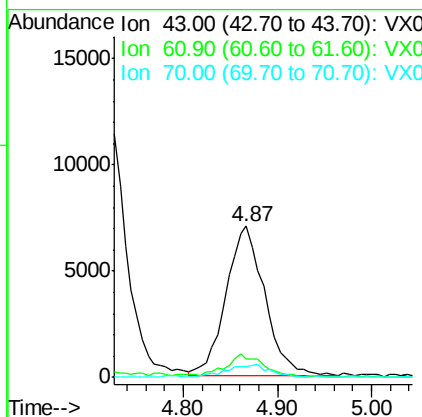
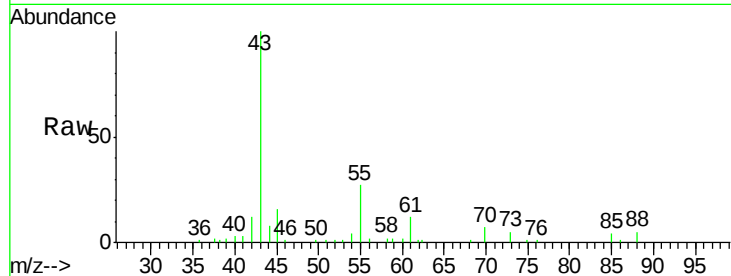
#37
Ethyl Acetate
Concen: 4.98 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.4	15.6
70	9.3	7.6	11.4

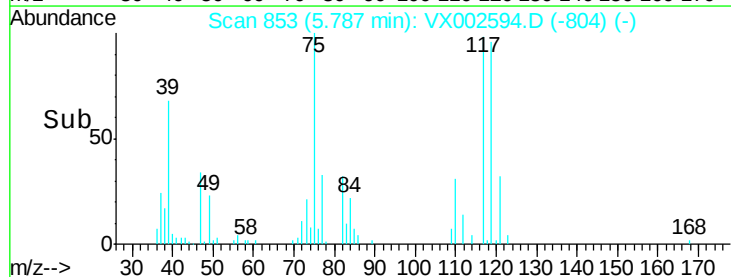
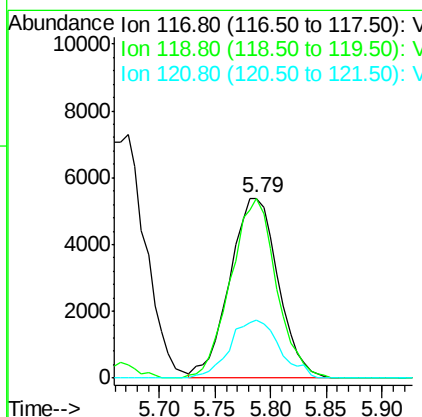
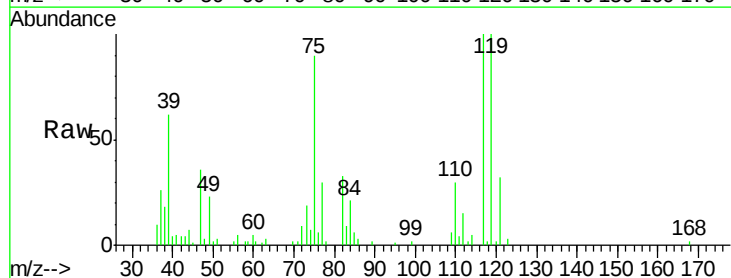
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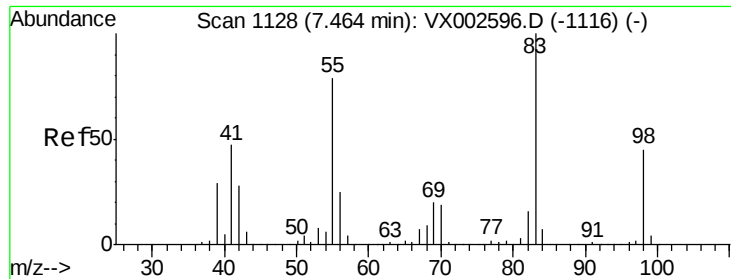
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#38
Carbon Tetrachloride
Concen: 4.66 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.4	116.0
121	32.2	24.4	36.6





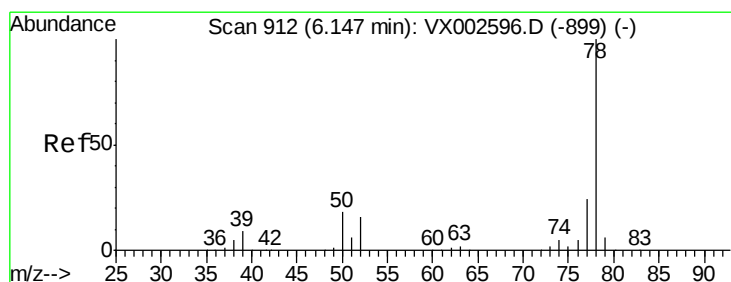
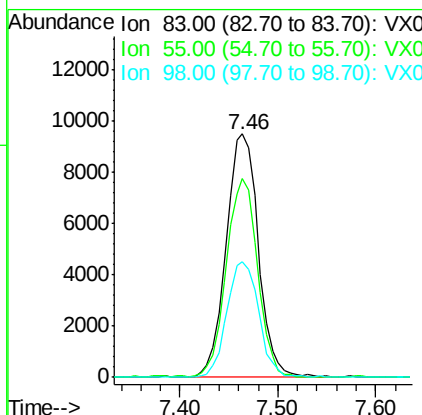
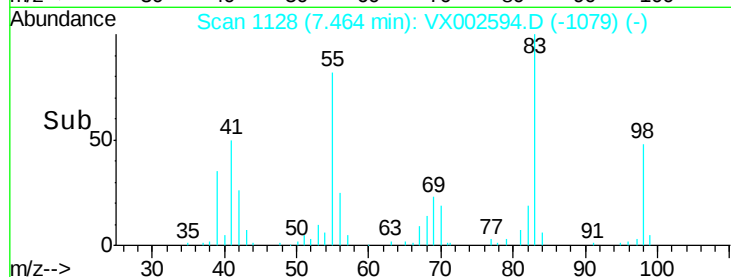
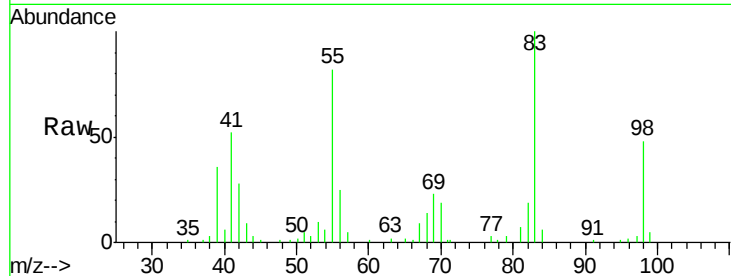
#39
Methvlcvclohexane
Concen: 5.69 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.4	98.0
98	47.7	37.4	56.0

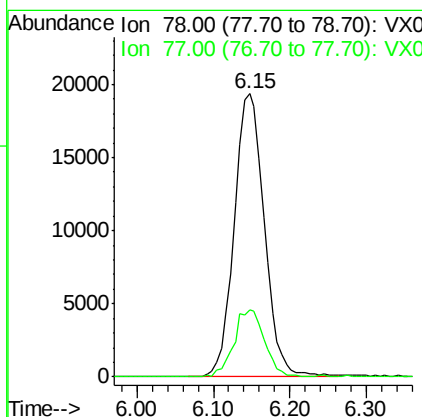
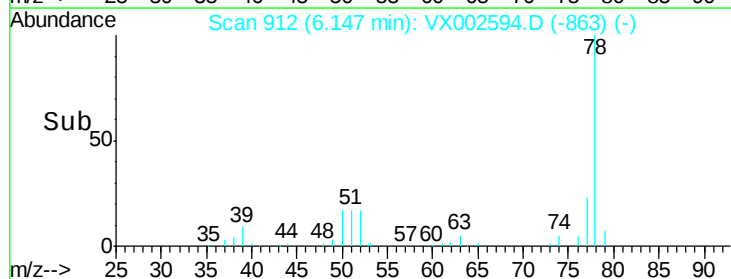
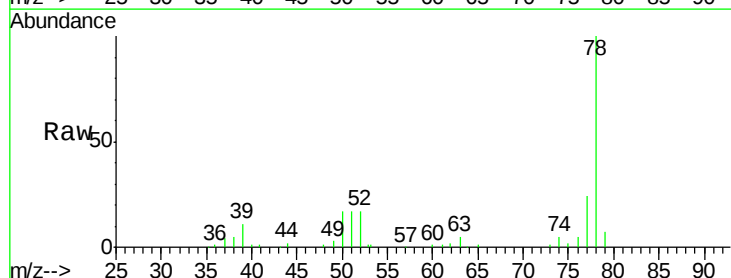
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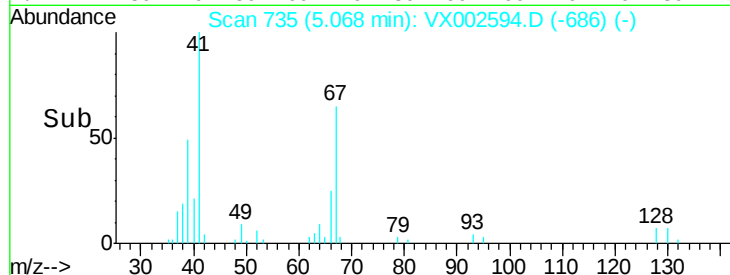
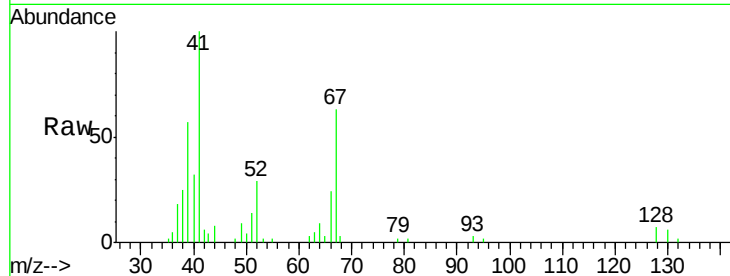
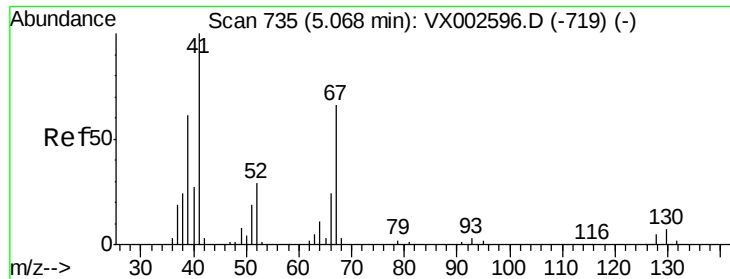
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#40
Benzene
Concen: 5.16 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7





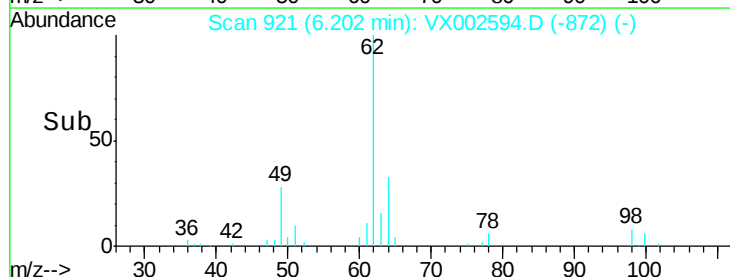
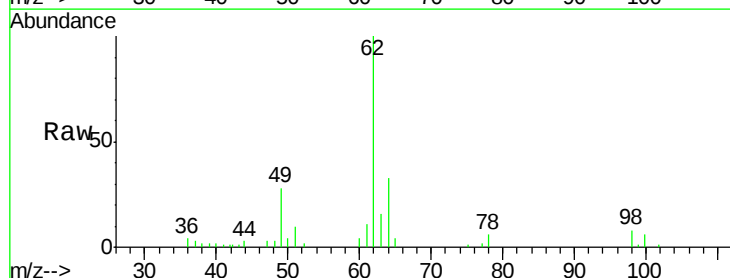
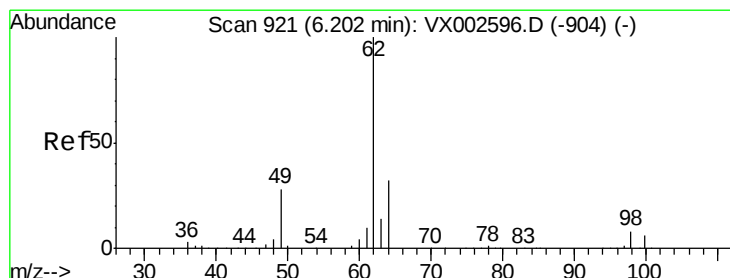
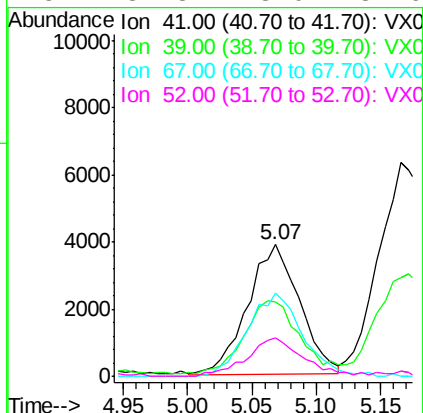
#41
Methacrylonitrile
Concen: 4.74 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.2	45.8	68.6	
67	67.6	51.3	76.9	
52	31.3	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

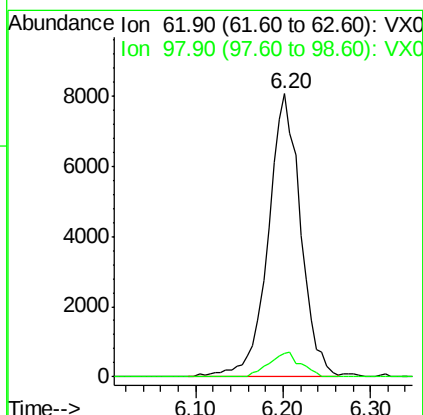
Manual Integrations
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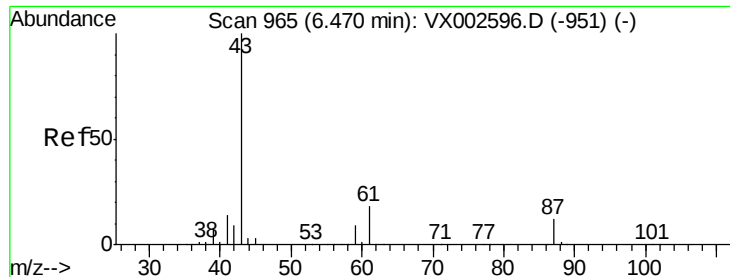
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.10 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

Isopropyl Acetate

Concen: 4.49 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

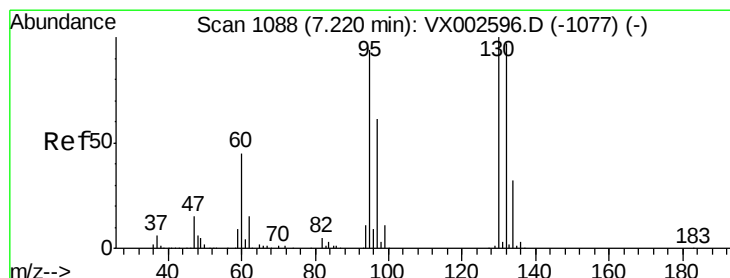
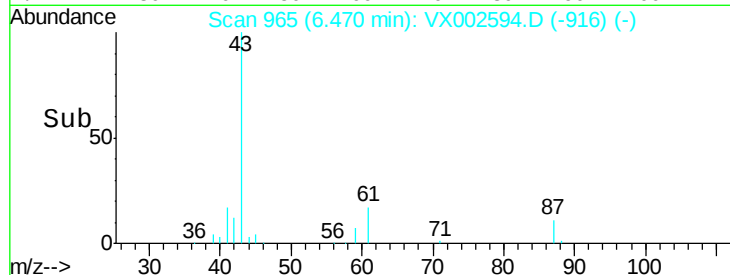
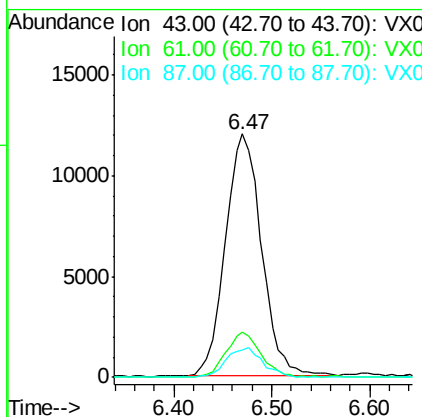
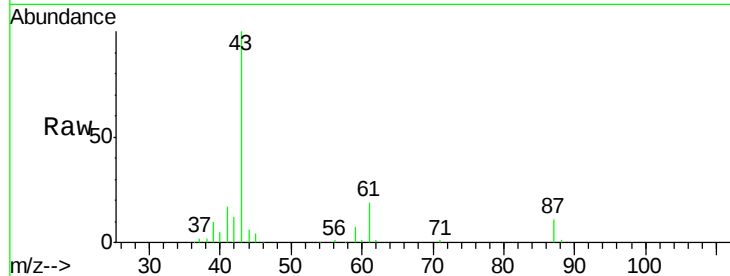
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	30617
Ion	Ratio	Lower	Upper
43	100		
61	18.2	14.4	21.6
87	12.3	9.5	14.3

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#44

Trichloroethene

Concen: 5.41 ug/l

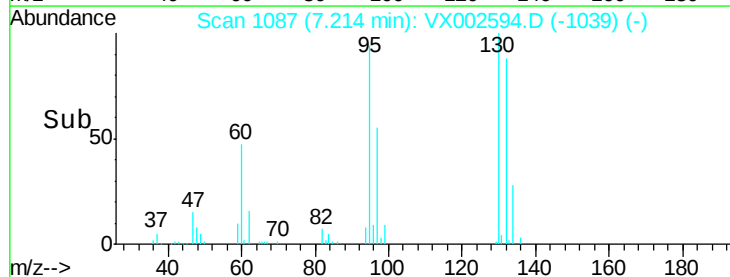
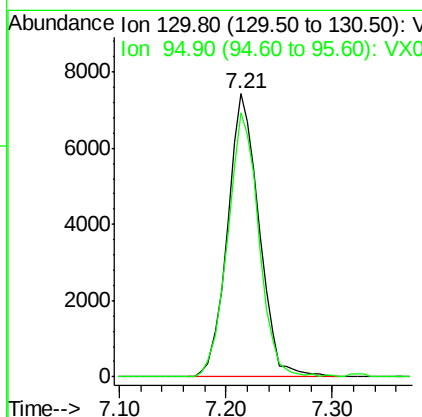
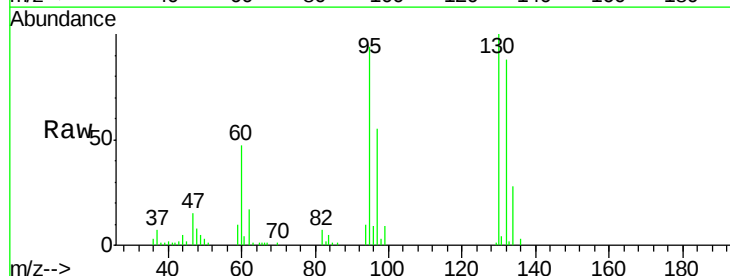
RT: 7.21 min Scan# 1087

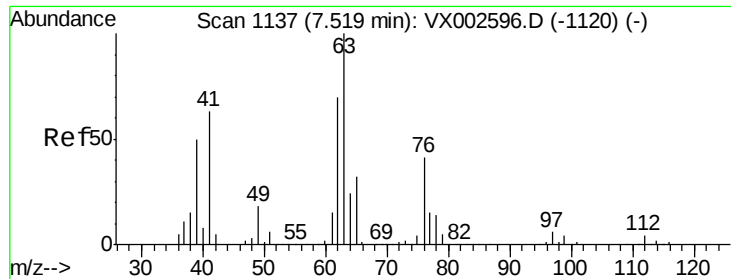
Delta R.T. -0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	130	Resp:	15381
Ion	Ratio	Lower	Upper
130	100		
95	93.5	0.0	185.4





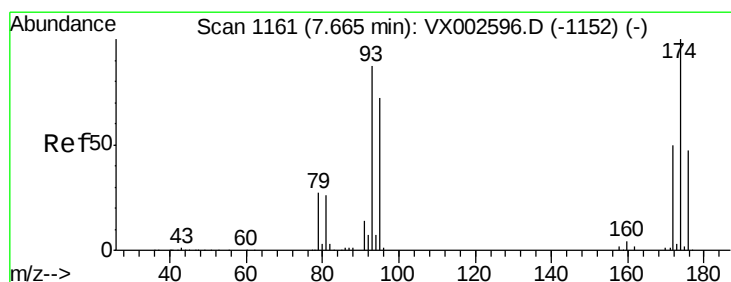
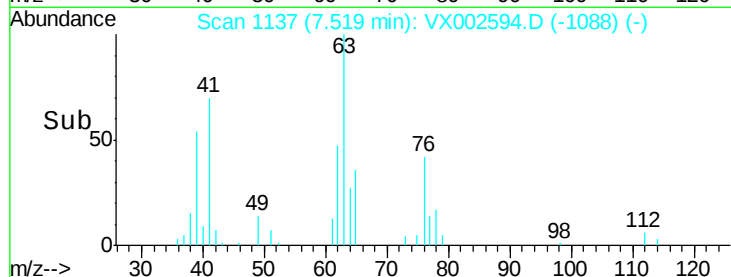
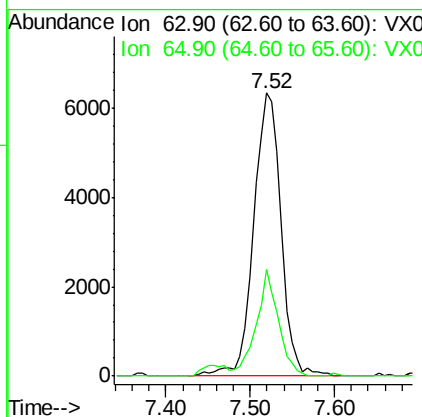
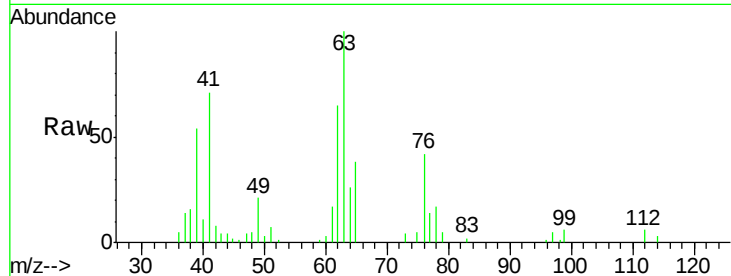
#45
 1,2-Dichloropropane
 Concen: 5.06 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 13997
 Ion Ratio Lower Upper
 63 100
 65 37.8 24.7 37.1#

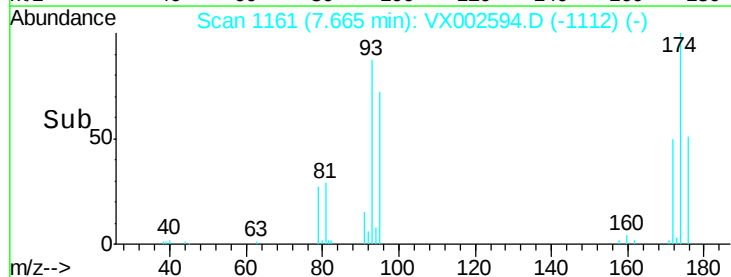
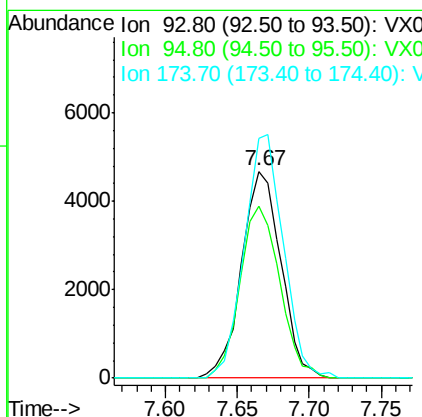
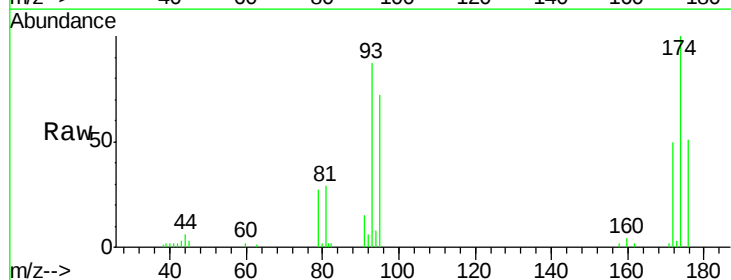
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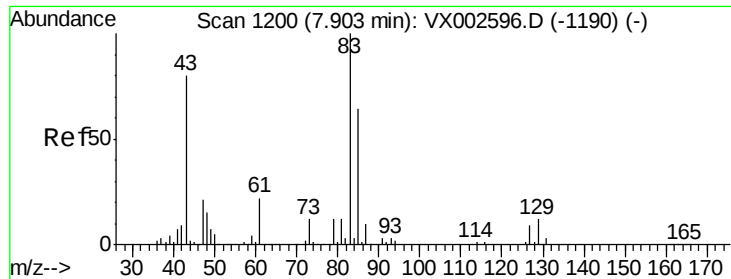
MMDadoda
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#46
 Dibromomethane
 Concen: 4.73 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion: 93 Resp: 8865
 Ion Ratio Lower Upper
 93 100
 95 84.2 65.9 98.9
 174 116.1 92.4 138.6





#47

Bromodichloromethane

Concen: 4.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

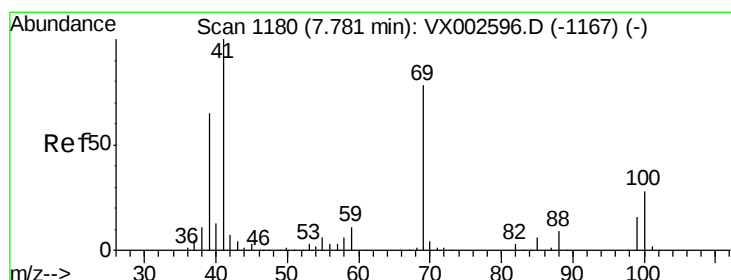
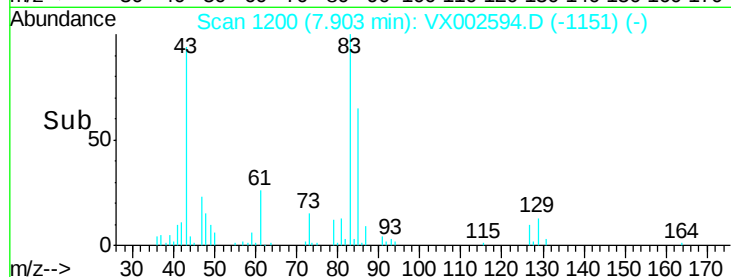
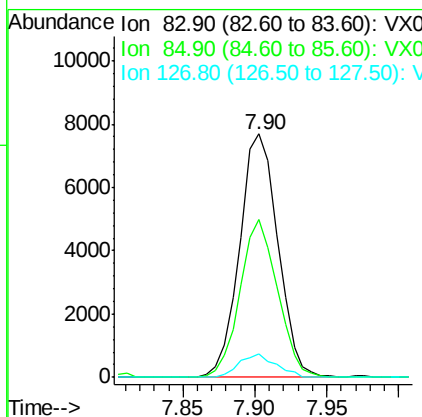
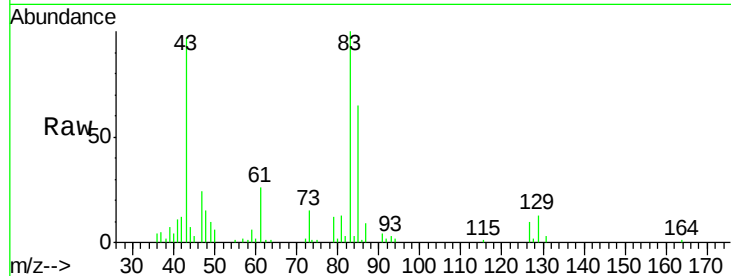
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	14193
Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5
127	9.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.65 ug/l

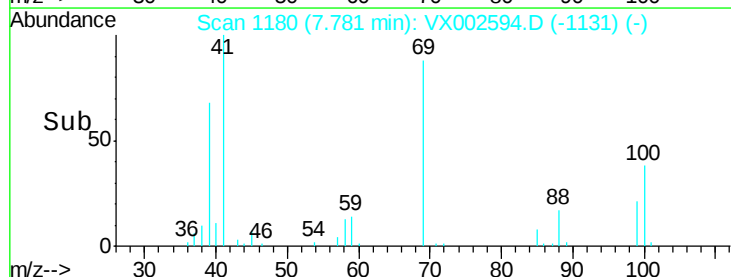
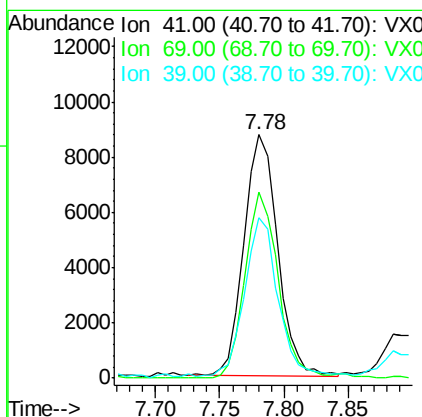
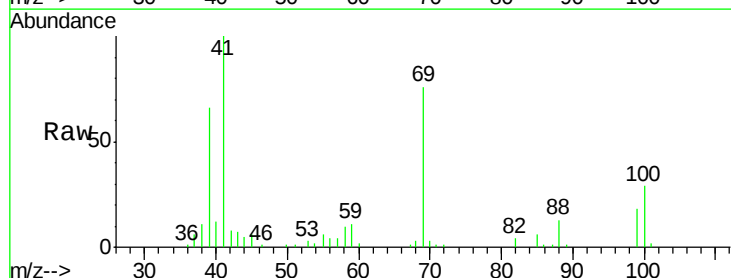
RT: 7.78 min Scan# 1180

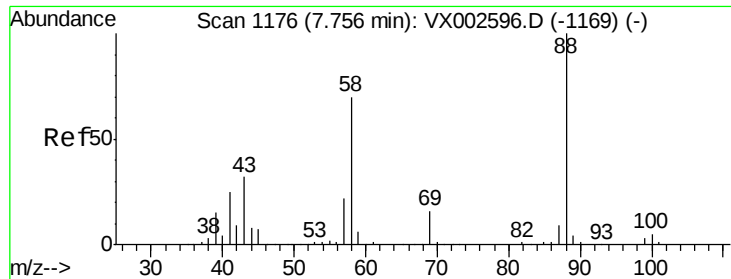
Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	41	Resp:	15958
Ion	Ratio	Lower	Upper
41	100		
69	74.8	59.1	88.7
39	64.3	48.9	73.3





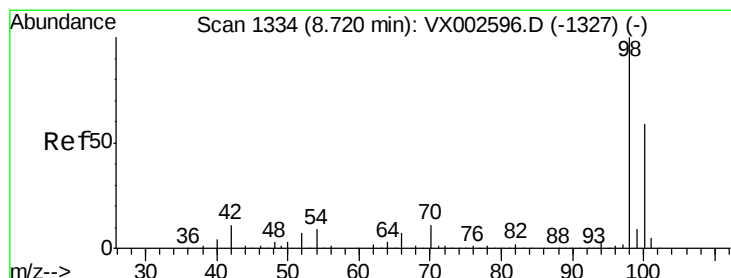
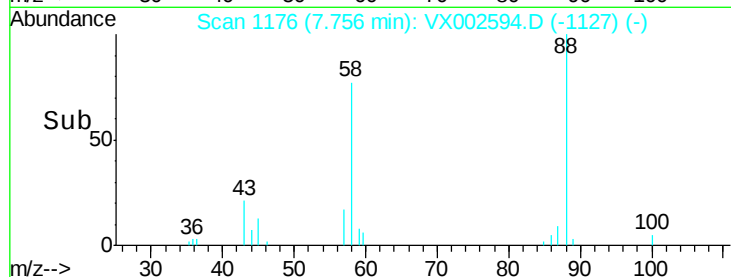
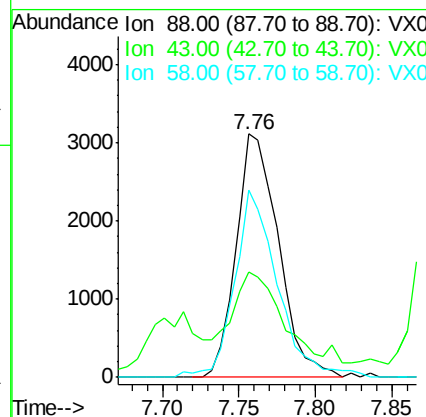
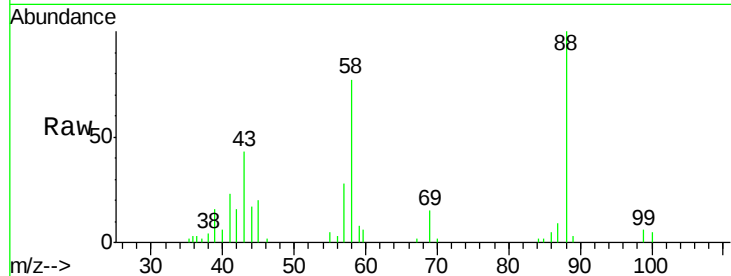
#49
1,4-Dioxane
Concen: 93.34 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	47.7	29.8	44.6#
58	78.1	57.1	85.7

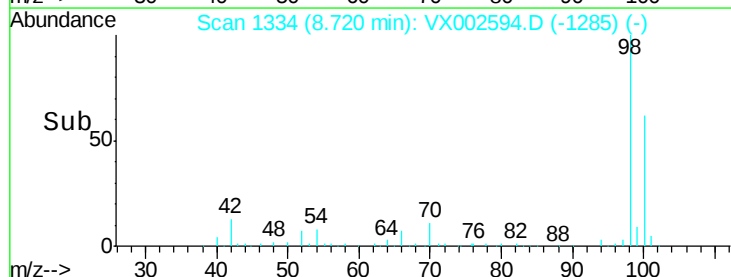
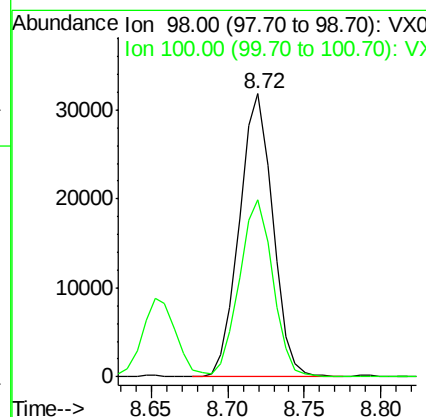
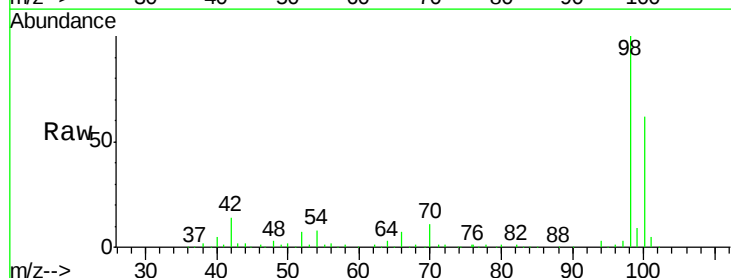
Manual Integrations
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#50
Toluene-d8
Concen: 5.05 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	50.9	76.3





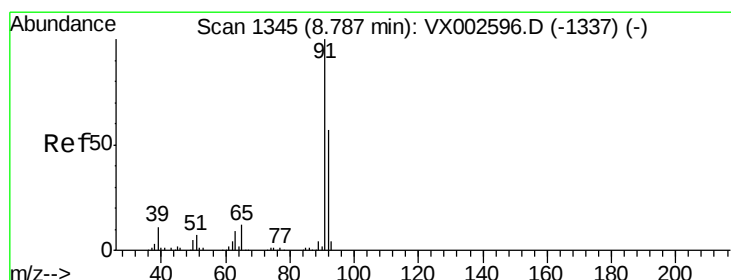
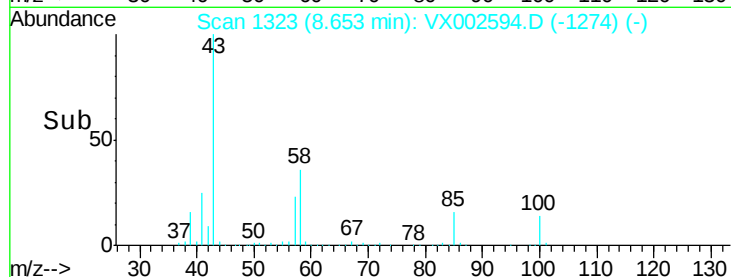
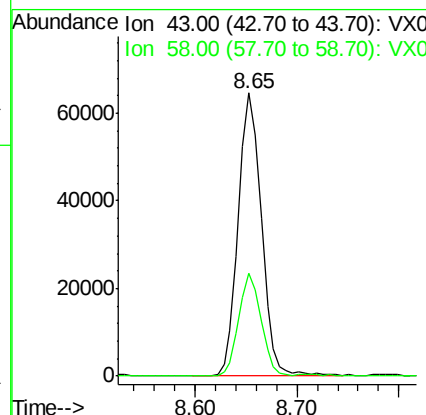
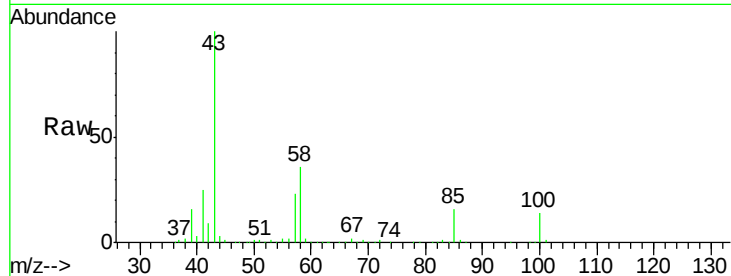
#51
4-Methyl-2-Pentanone
Concen: 23.87 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	43	Resp	101453
Ion Ratio	43	100	Lower Upper
	58	34.9	28.6 42.8

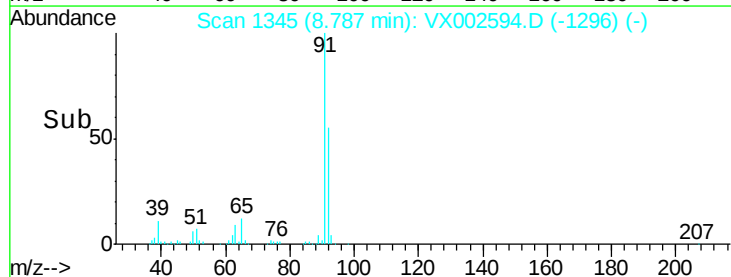
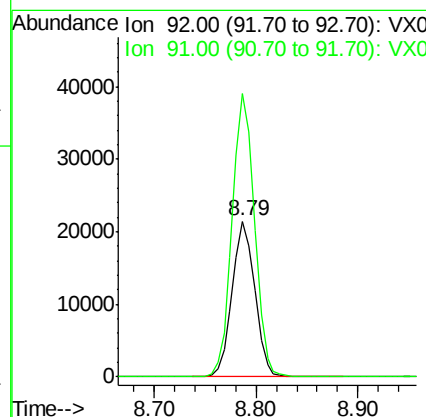
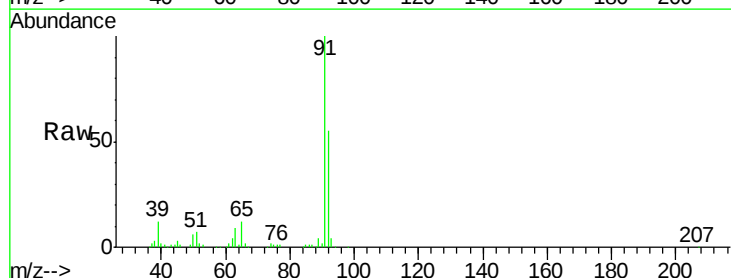
Manual Integrations
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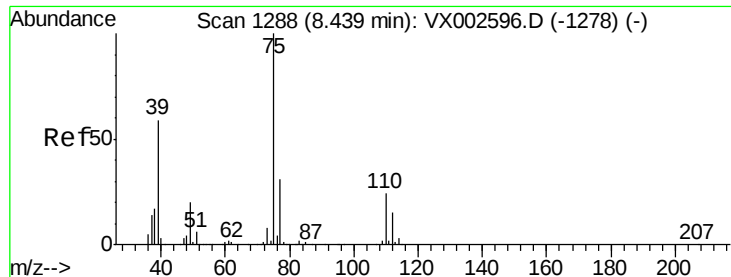
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#52
Toluene
Concen: 5.04 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	92	Resp	32865
Ion Ratio	92	100	Lower Upper
	91	179.5	140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 3.95 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 16079

Ion Ratio Lower Upper

75 100

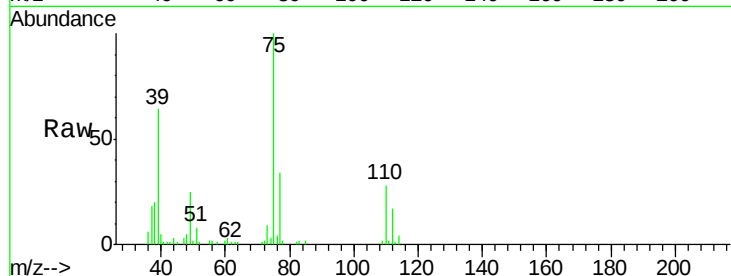
77 33.6 25.4 38.2

Manual Integrations

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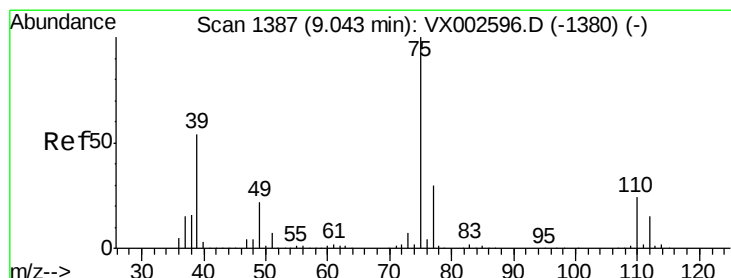
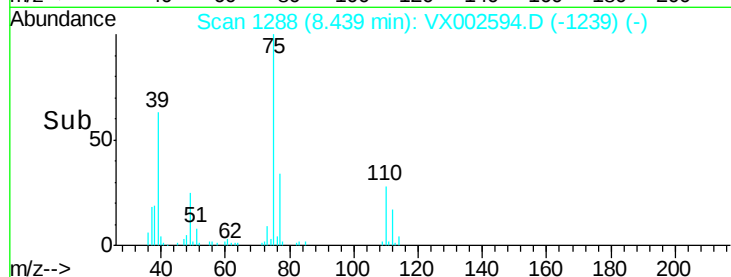
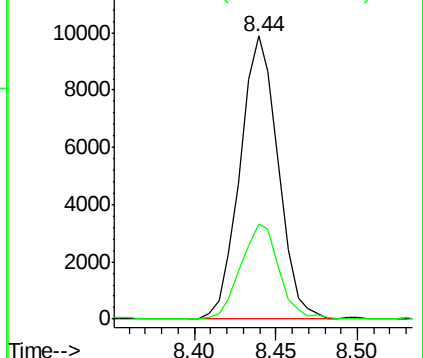
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 3.82 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

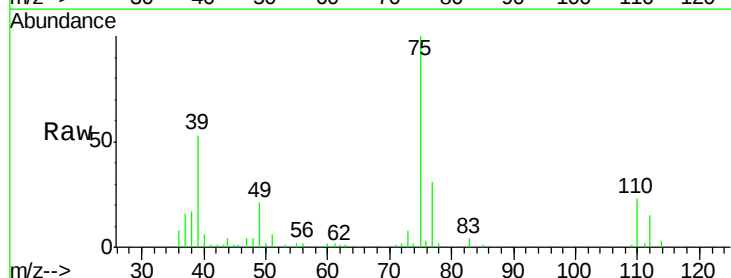
Tgt Ion: 75 Resp: 14670

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

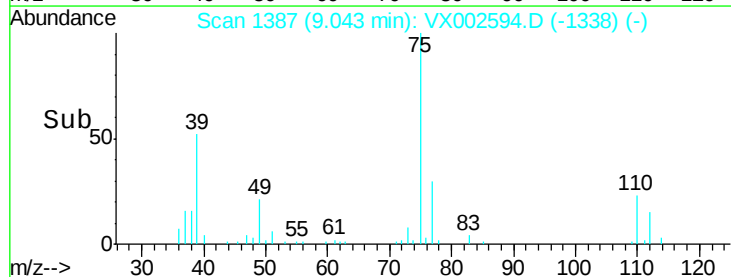
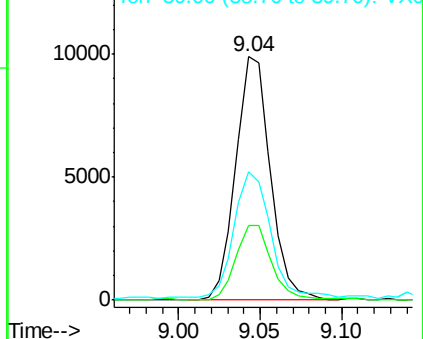
39 51.7 42.4 63.6

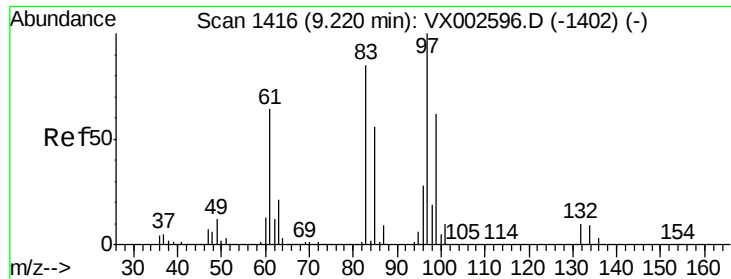


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





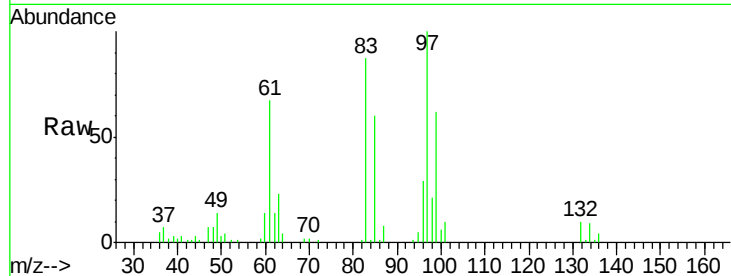
#55
 1,1,2-Trichloroethane
 Concen: 4.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

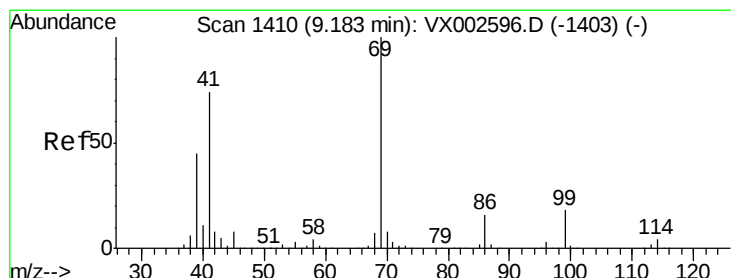
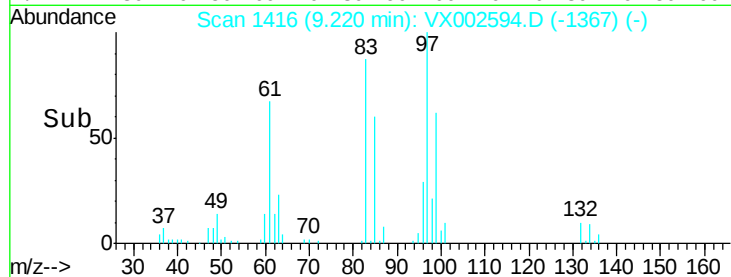
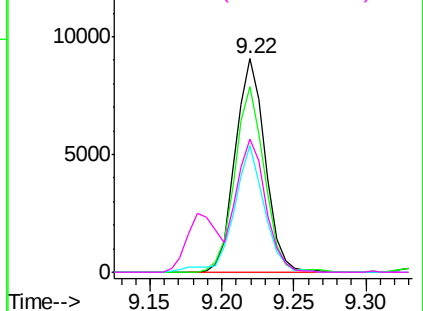
Tot Ion:	97	Resp:	13181
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.2	105.2
85	59.6	44.9	67.3
99	62.3	49.8	74.8

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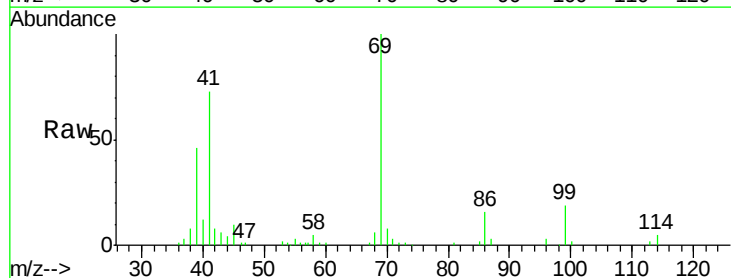


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

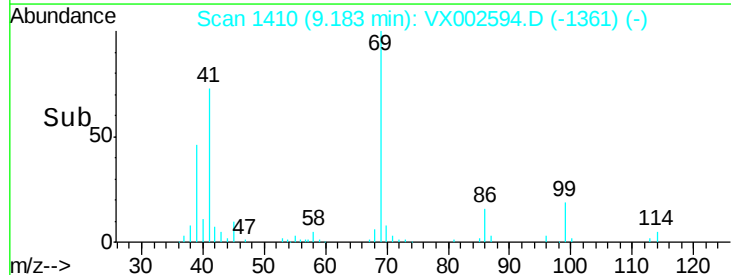
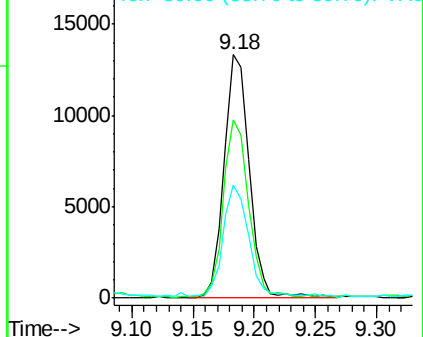


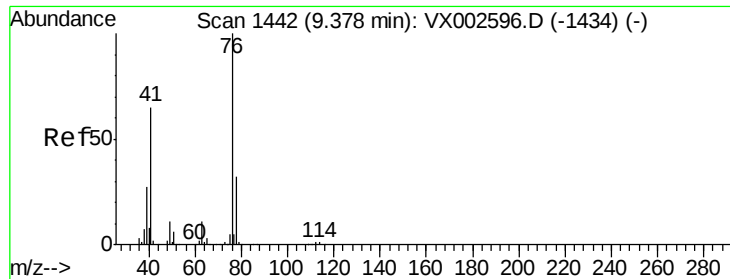
#56
 Ethyl methacrylate
 Concen: 4.48 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion:	69	Resp:	19156
Ion	Ratio	Lower	Upper
69	100		
41	72.5	60.3	90.5
39	49.2	35.8	53.8



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 5.00 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 22463

Ion Ratio Lower Upper

76 100

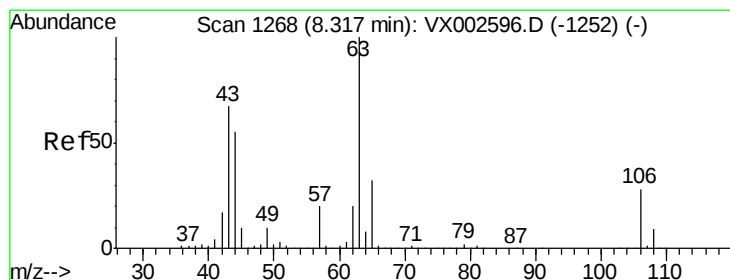
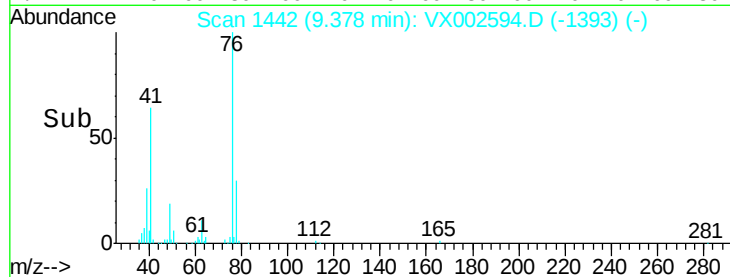
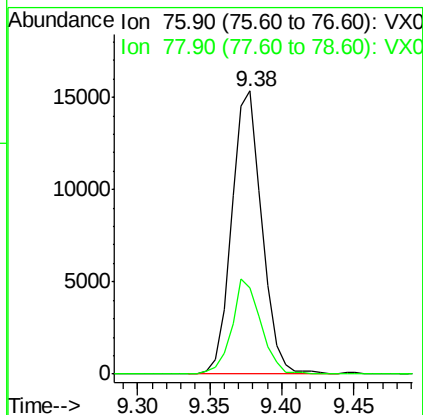
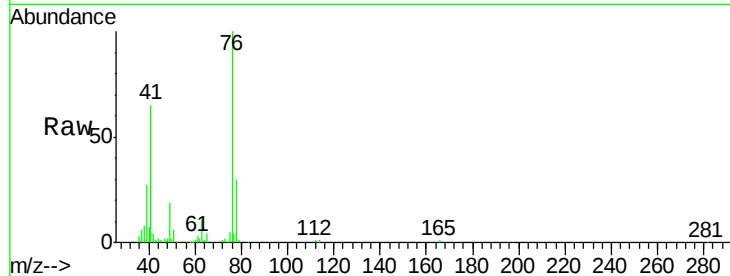
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 23.84 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002594.D

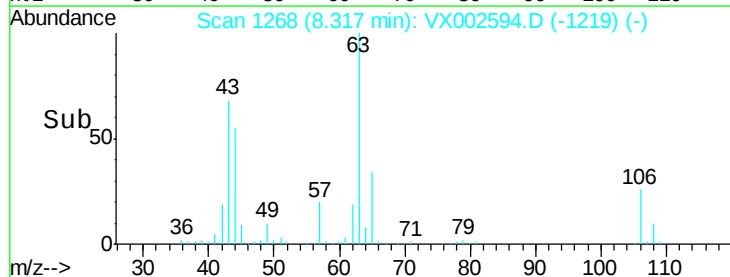
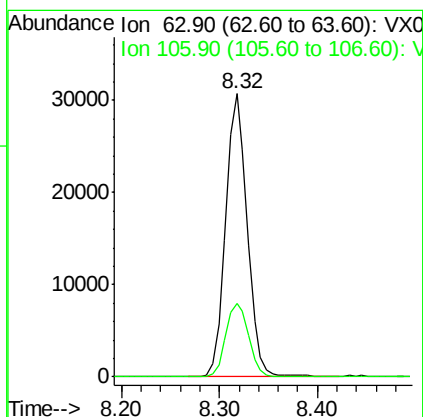
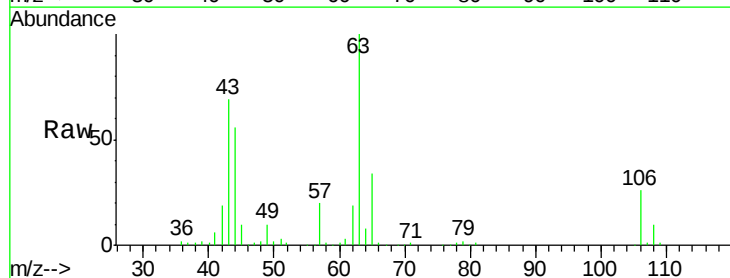
Acq: 15 Jun 2018 12:02

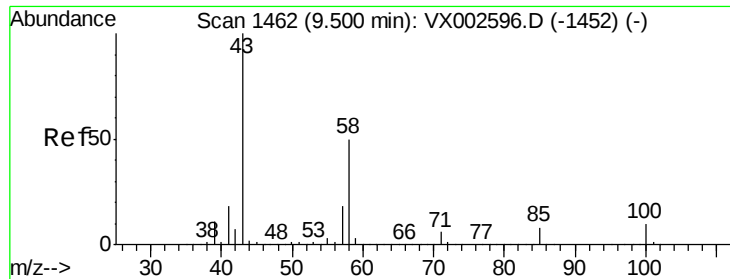
Tgt Ion: 63 Resp: 47213

Ion Ratio Lower Upper

63 100

106 27.4 21.8 32.8





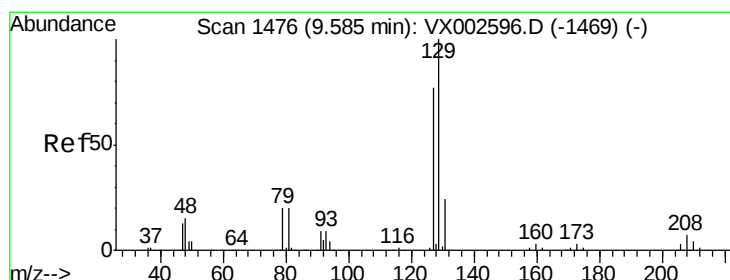
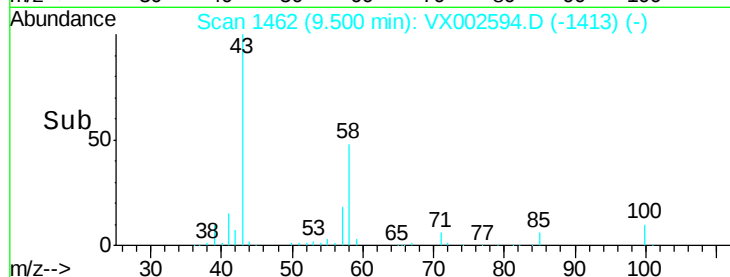
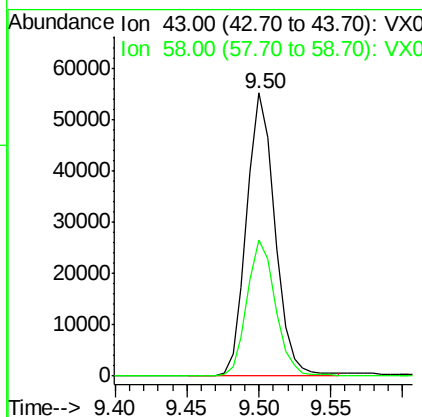
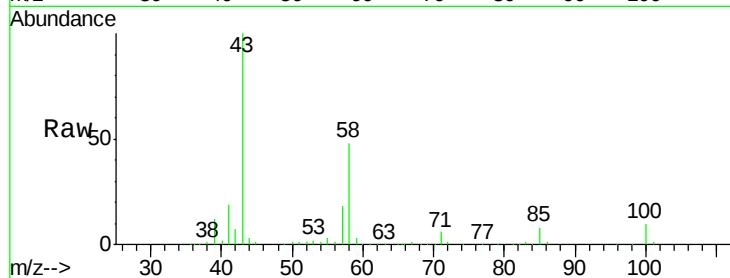
#59
2-Hexanone
Concen: 22.83 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 74956
Ion Ratio Lower Upper
43 100
58 49.0 24.6 73.6

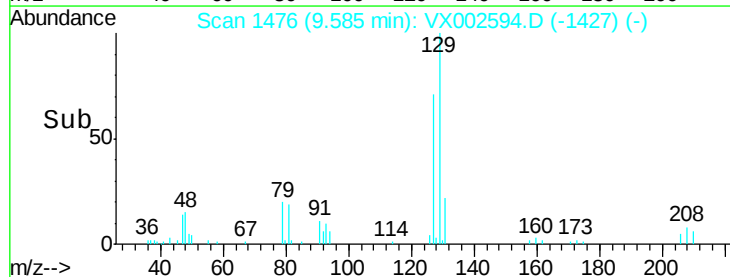
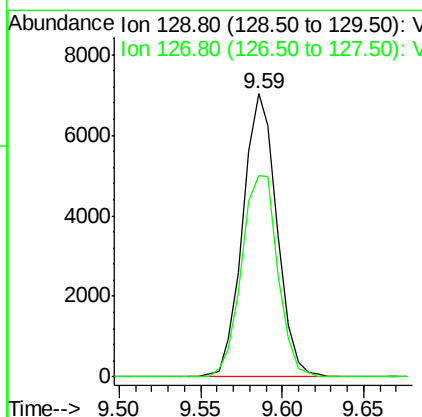
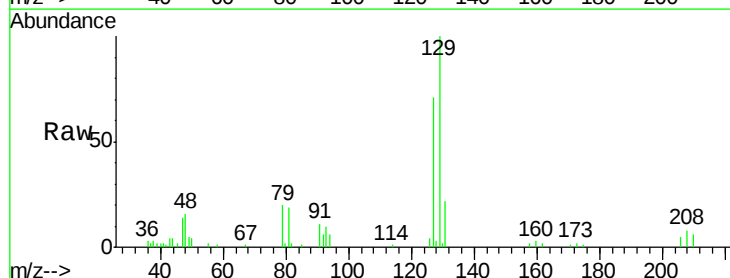
Manual Integrations
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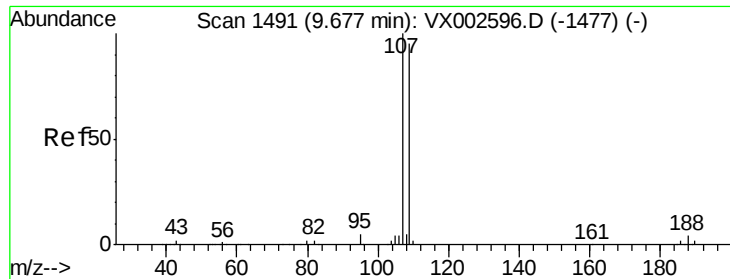
MMDadoda
6/18/2018 5:11:57 PM



#60
Dibromochloromethane
Concen: 3.78 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion: 129 Resp: 10196
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 4.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 13221

Ion Ratio Lower Upper

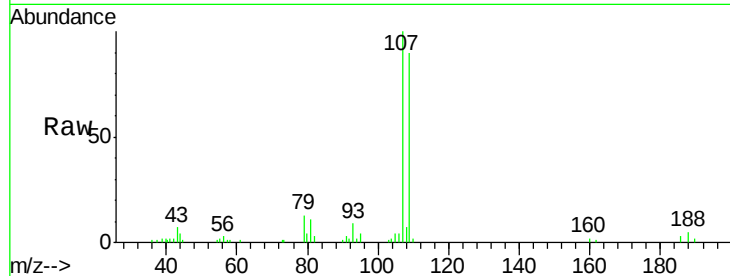
107 100

109 93.6 75.3 112.9

Manual Integrations
APPROVED

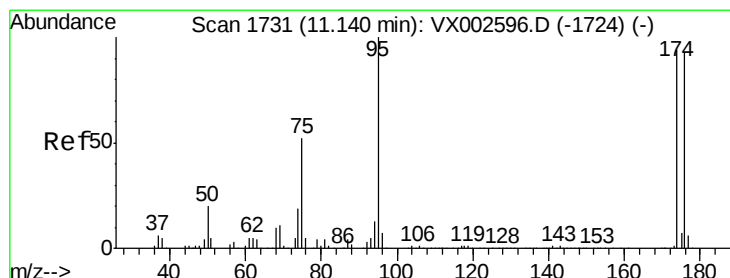
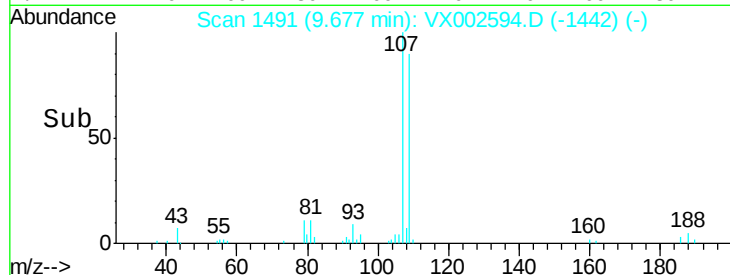
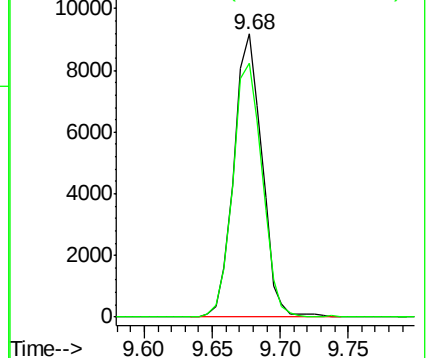
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

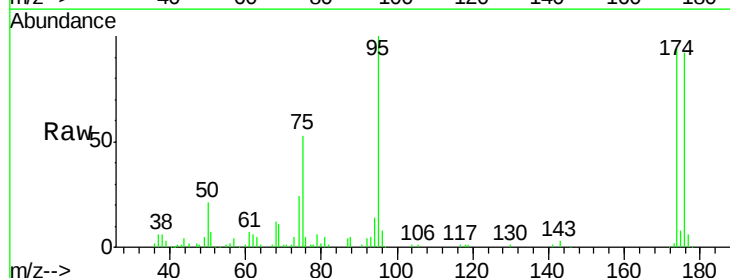
Tgt Ion: 95 Resp: 16831

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

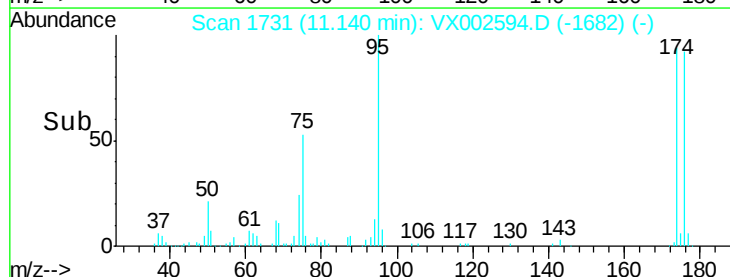
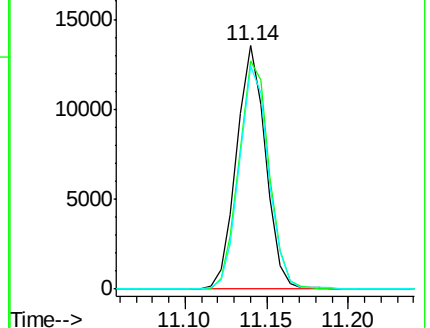
176 92.8 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





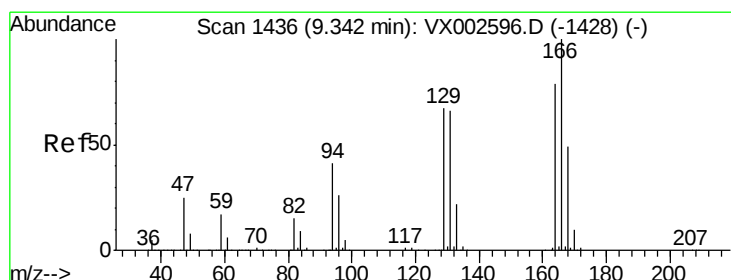
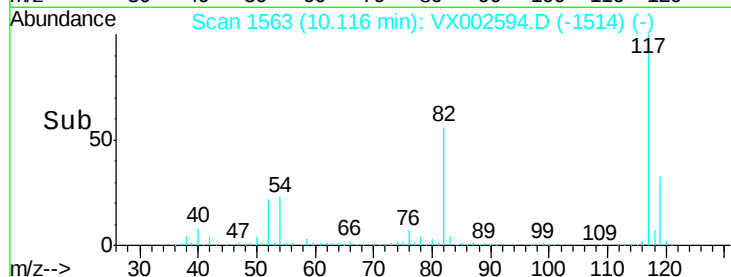
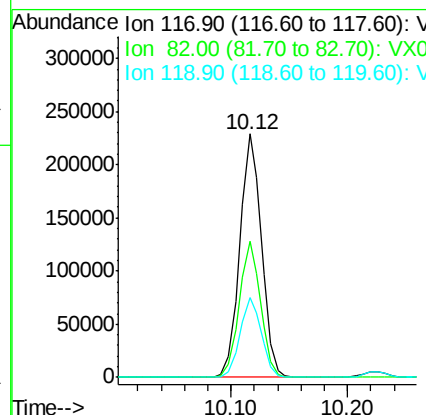
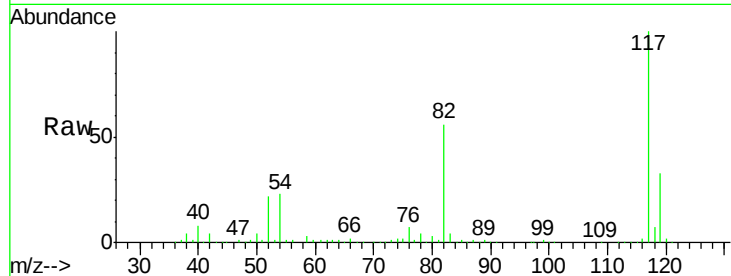
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.4
119	32.9	25.8	38.6

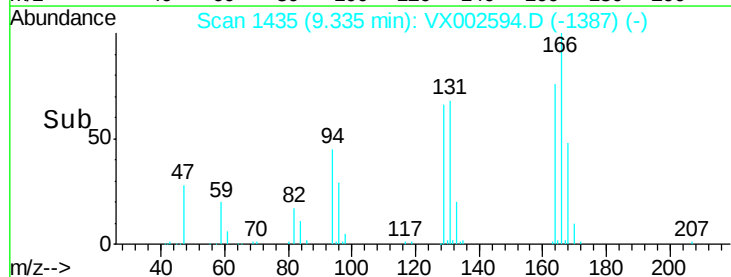
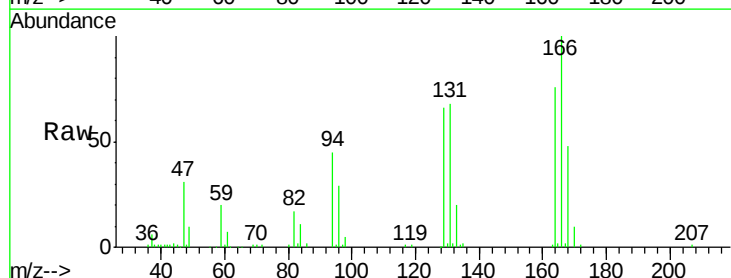
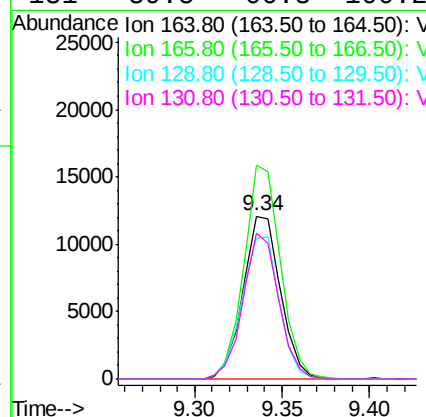
Manual Integrations
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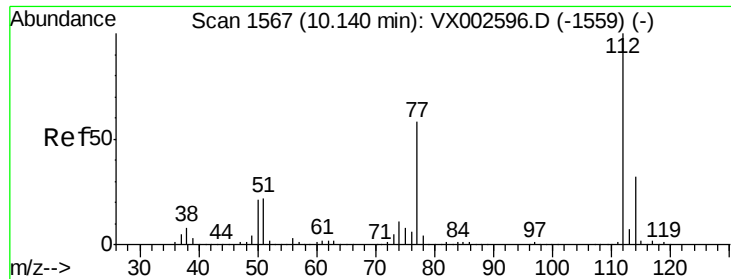
MMDadoda
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#64
Tetrachloroethene
Concen: 5.85 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.3	102.9	154.3
129	86.7	68.6	102.8
131	89.5	66.8	100.2





#65

Chlorobenzene

Concen: 5.05 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 37360

Ion Ratio Lower Upper

112 100

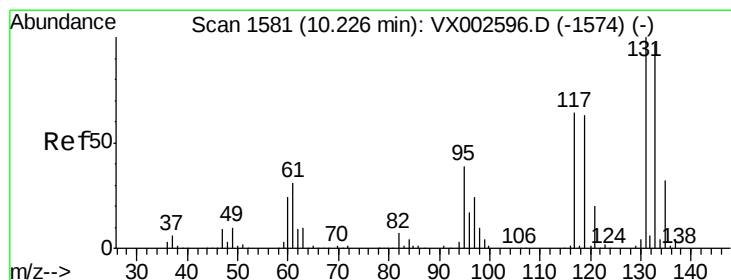
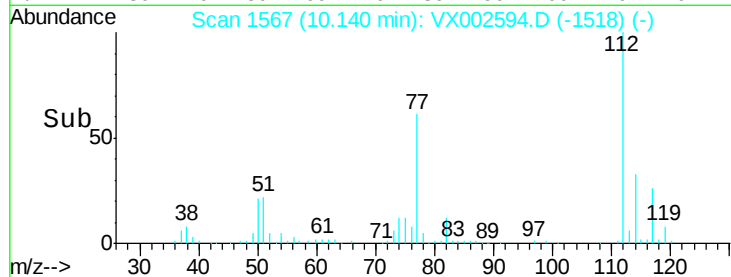
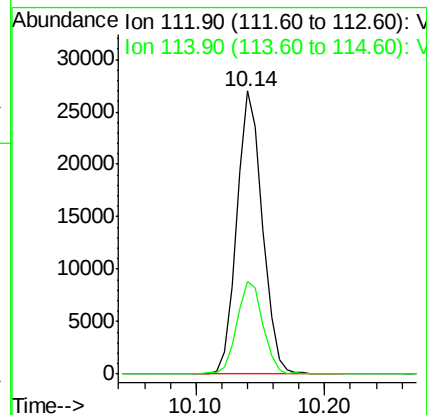
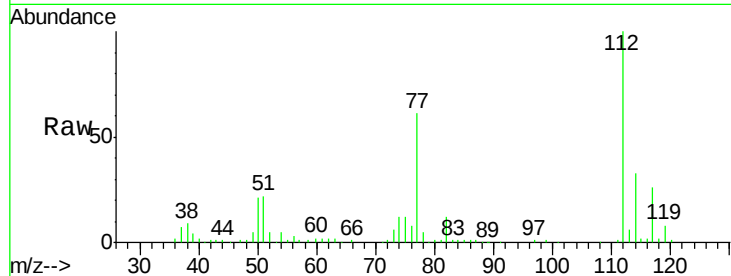
114 32.5 25.3 37.9

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 4.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

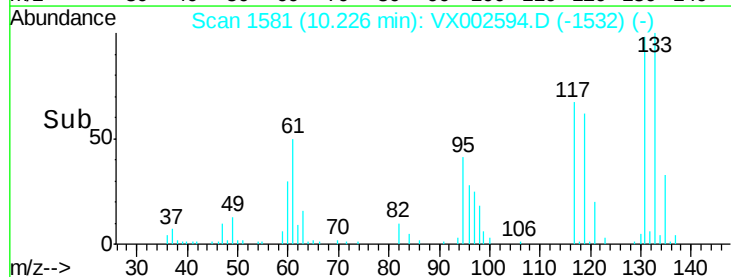
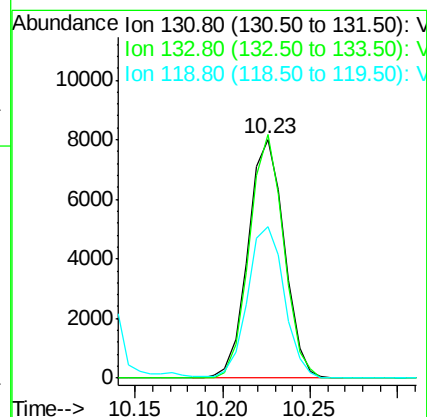
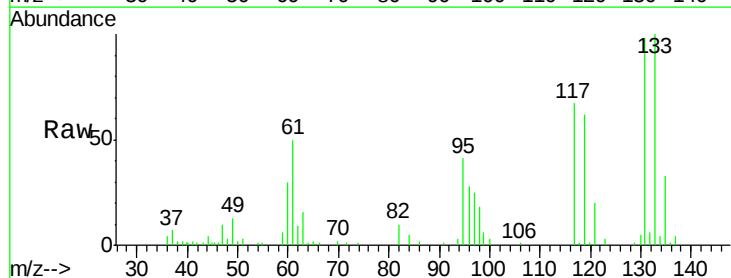
Tgt Ion:131 Resp: 11517

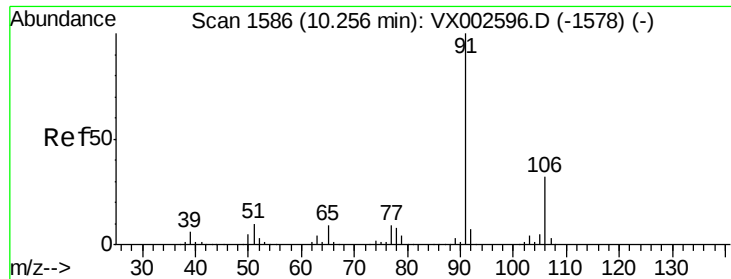
Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.6

119 64.8 31.8 95.3





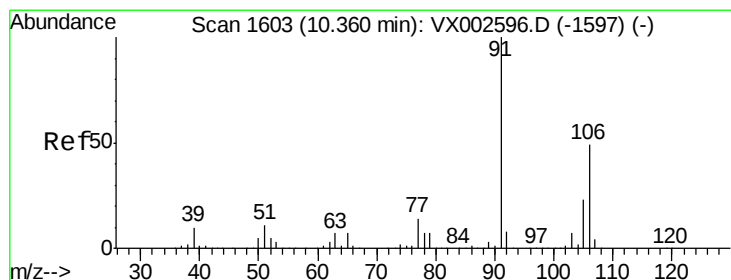
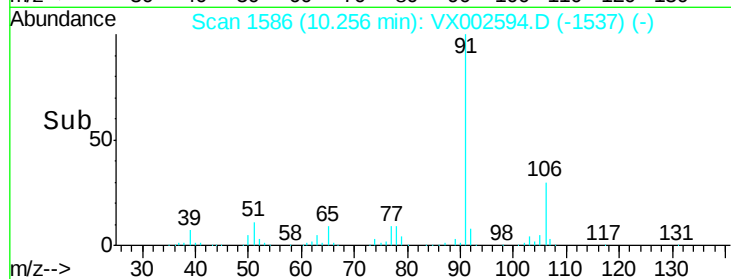
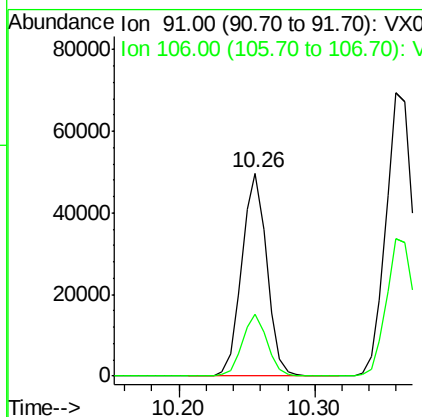
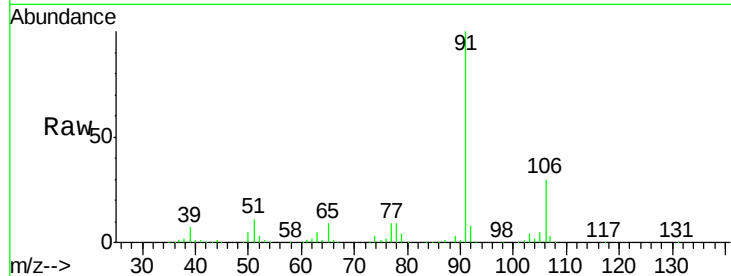
#67
Ethyl Benzene
Concen: 5.17 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 64010
Ion Ratio Lower Upper
91 100
106 30.2 25.5 38.3

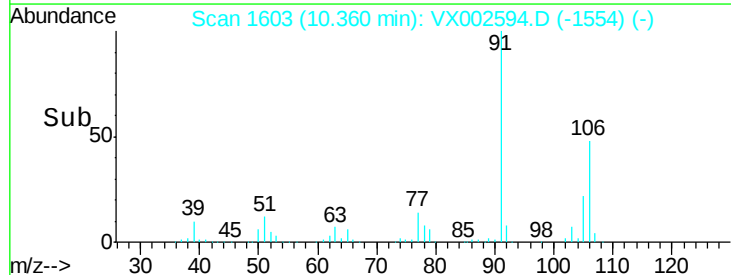
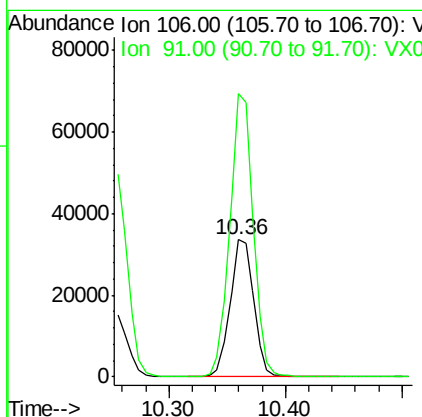
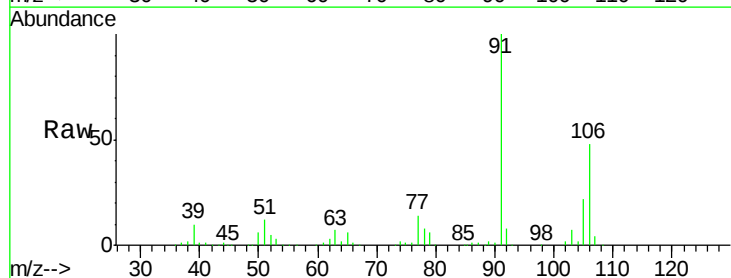
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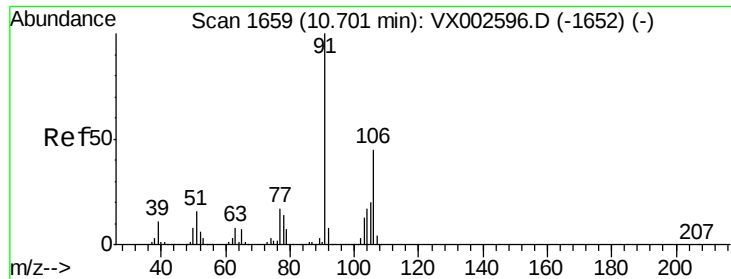
MMDadoda
6/18/2018 5:11:57 PM



#68
m/p-Xylenes
Concen: 9.88 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion: 106 Resp: 47550
Ion Ratio Lower Upper
106 100
91 205.5 163.4 245.2





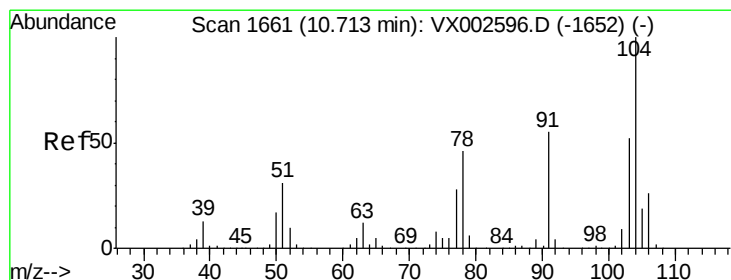
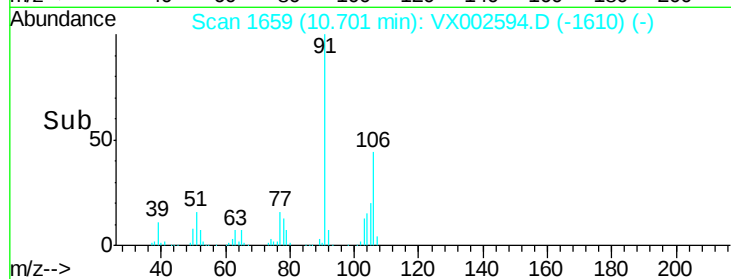
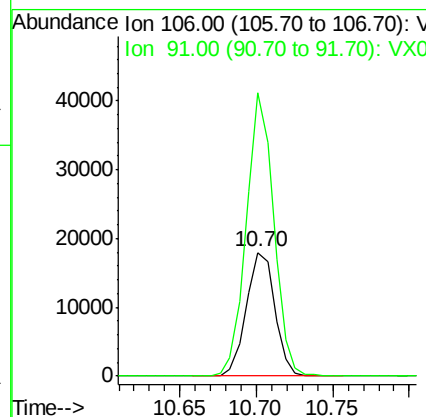
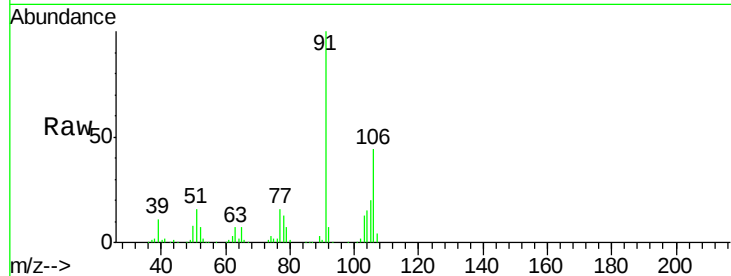
#69
o-Xylene
Concen: 4.90 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 23465
Ion Ratio Lower Upper
106 100
91 218.9 108.2 324.6

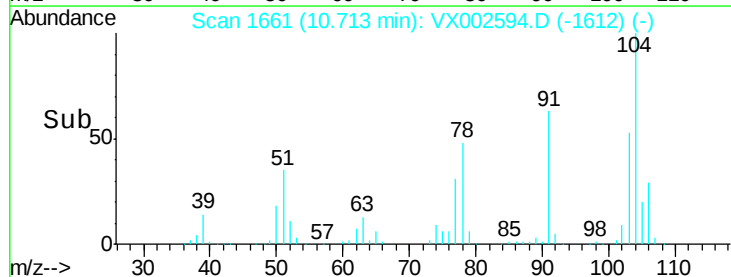
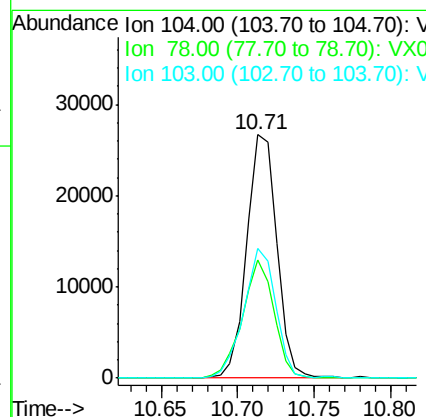
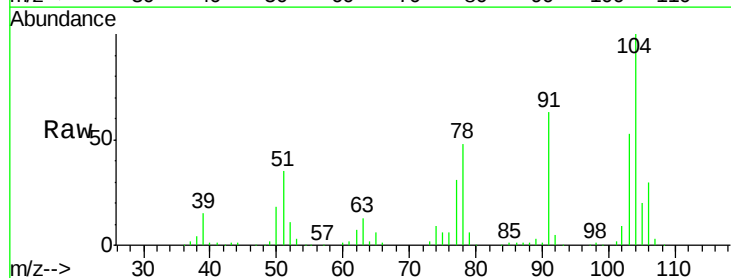
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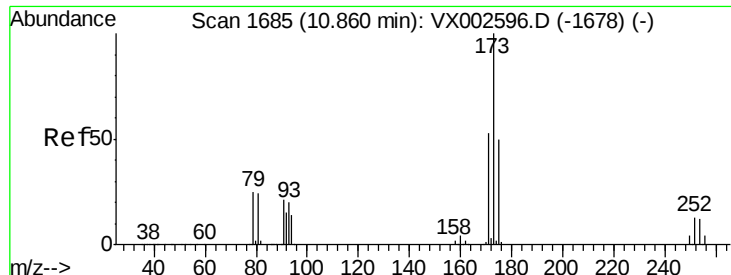
MMDadoda
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#70
Styrene
Concen: 4.68 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion:104 Resp: 36647
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 56.3 44.2 66.4





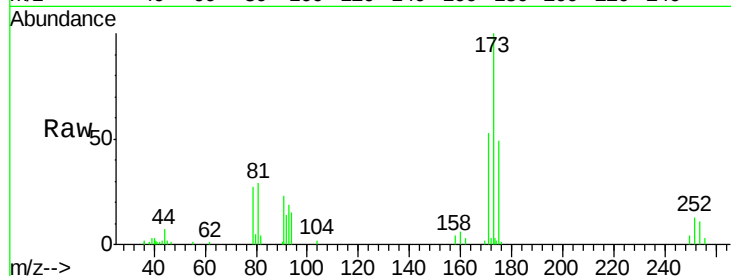
#71
Bromoform
Concen: 3.36 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

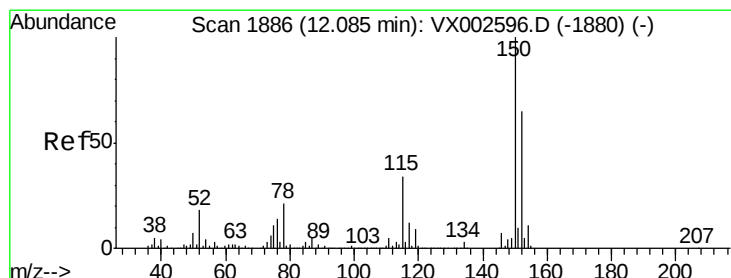
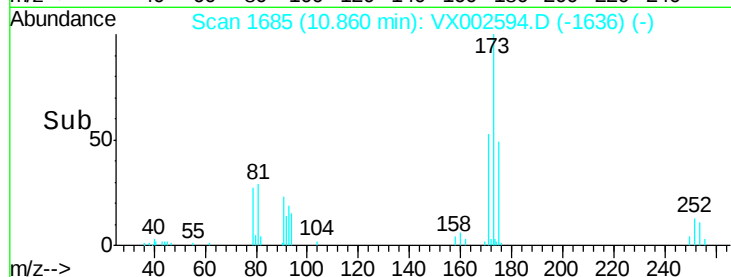
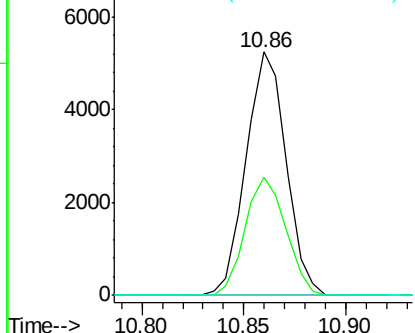
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.0	0.2	0.2

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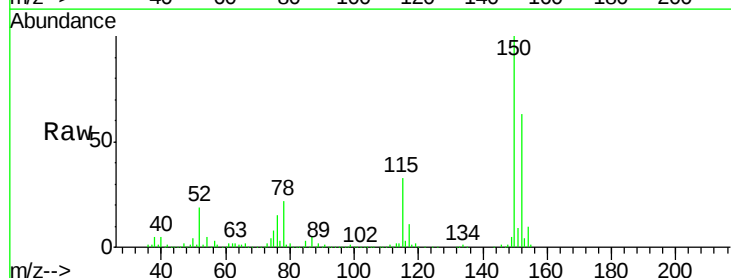


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

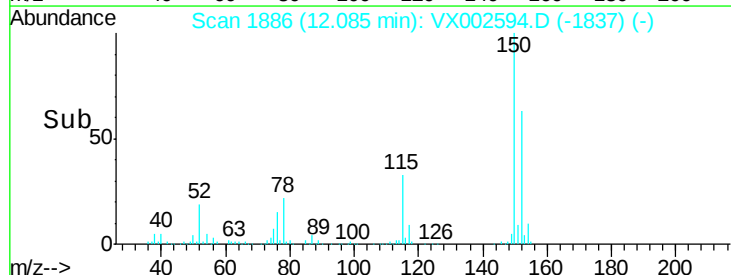
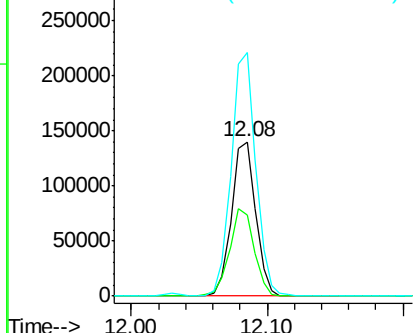


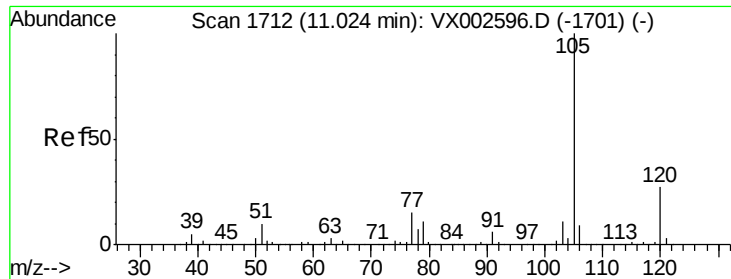
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	40.1	120.2
150	159.4	0.0	347.2



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: 5.19 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 62507

Ion Ratio Lower Upper

105 100

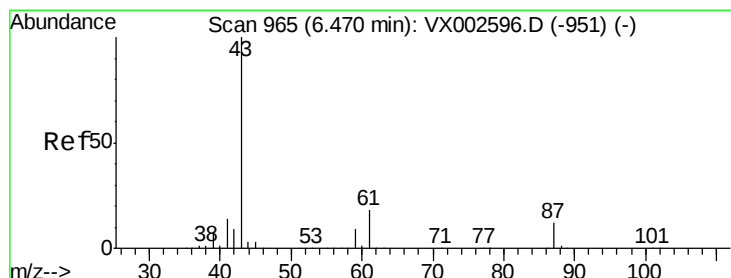
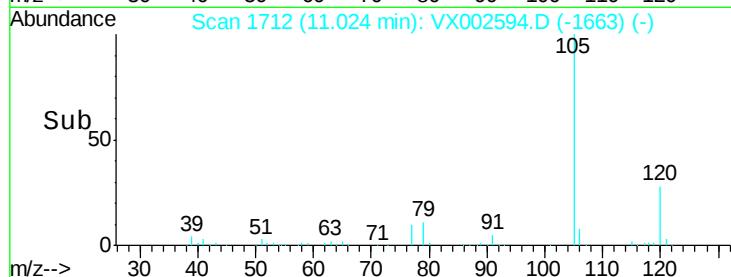
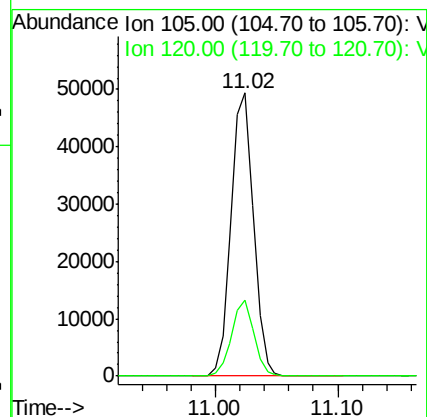
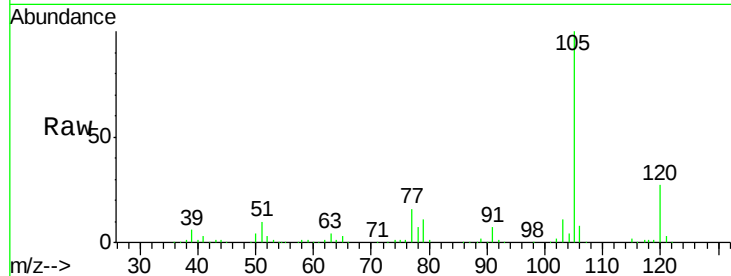
120 26.6 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 4.72 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion: 43 Resp: 30617

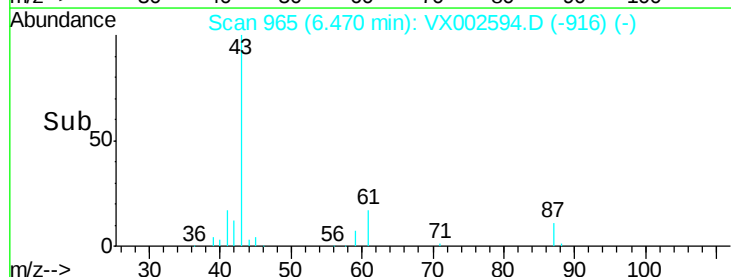
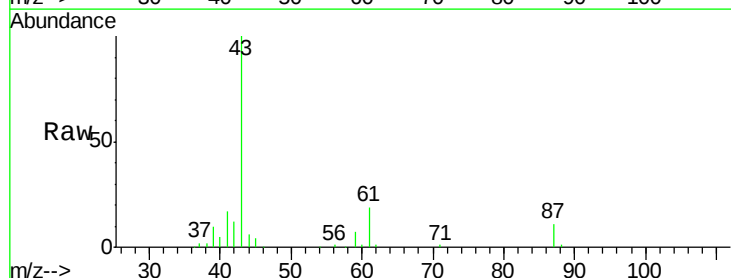
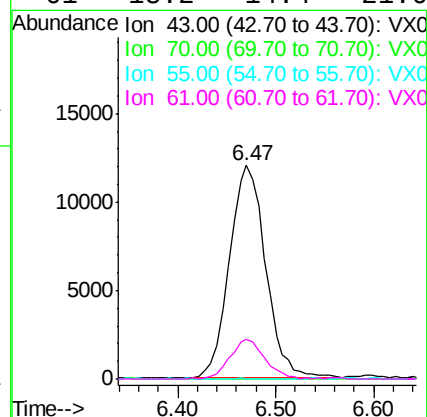
Ion Ratio Lower Upper

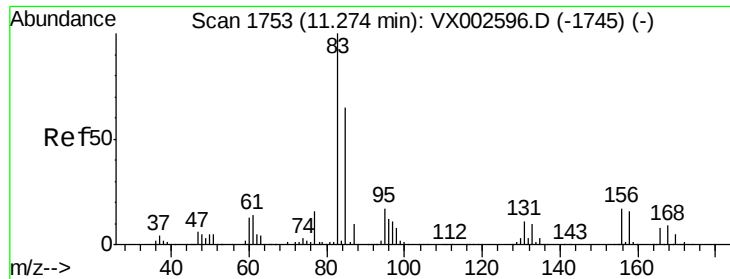
43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.2 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 4.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

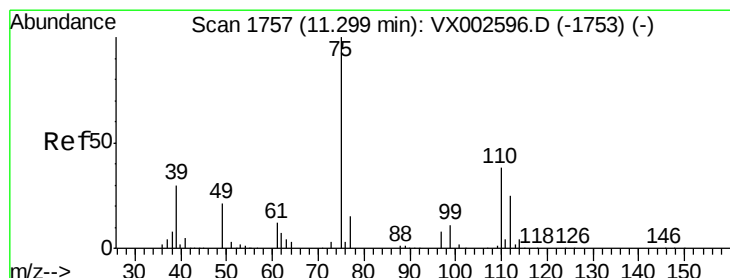
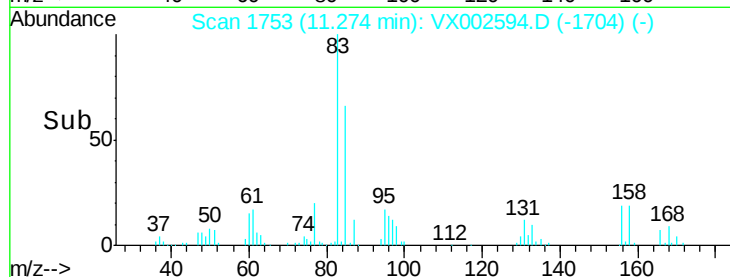
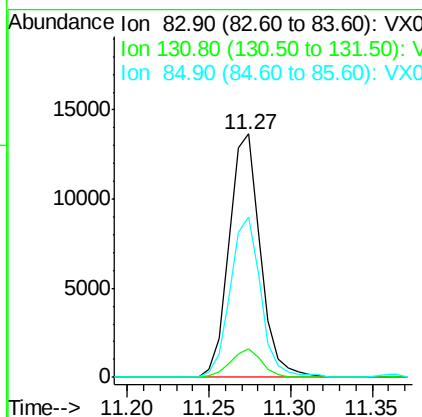
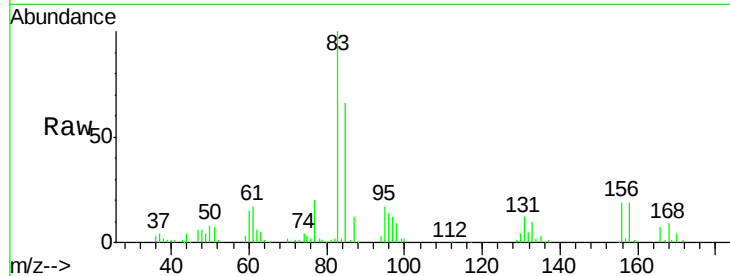
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	18122
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.6	16.8
85	64.7	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.82 ug/l m

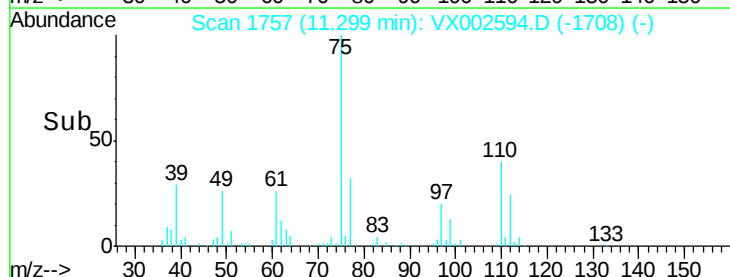
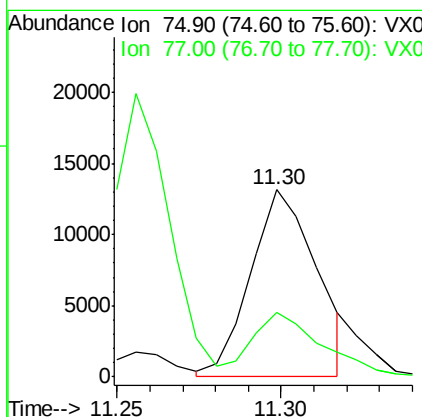
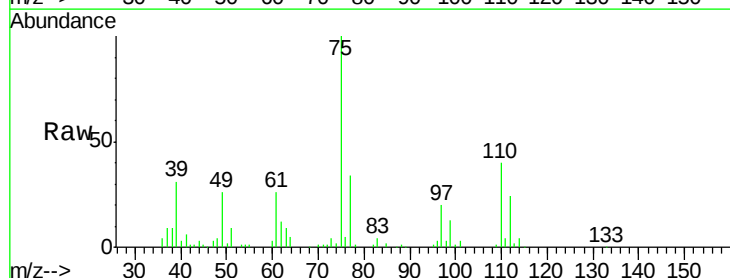
RT: 11.30 min Scan# 1757

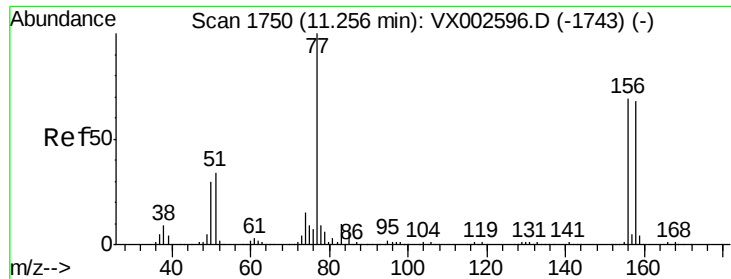
Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Tgt Ion:	75	Resp:	18295
Ion Ratio	Lower	Upper	
75	100		
77	37.2	22.8	68.3





#77

Bromobenzene

Concen: 5.06 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 17105

Ion Ratio Lower Upper

156 100

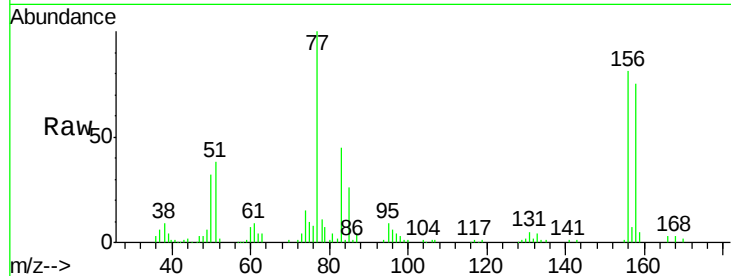
77 143.7 71.4 214.2

158 96.5 48.9 146.6

Manual Integrations
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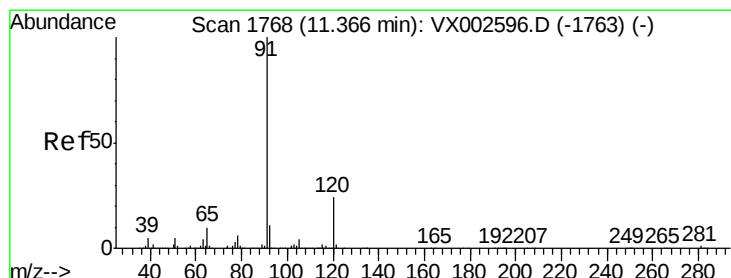
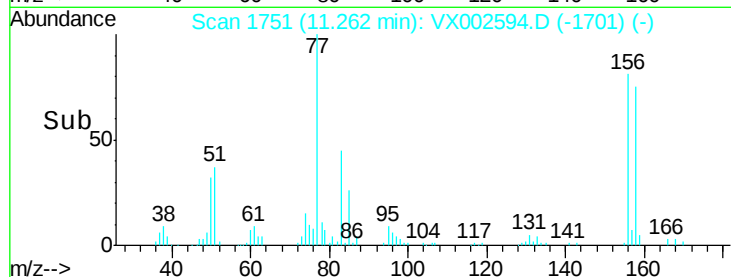
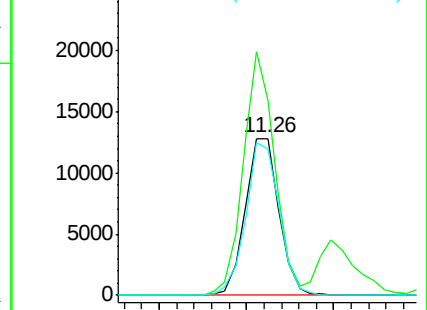
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.32 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002594.D

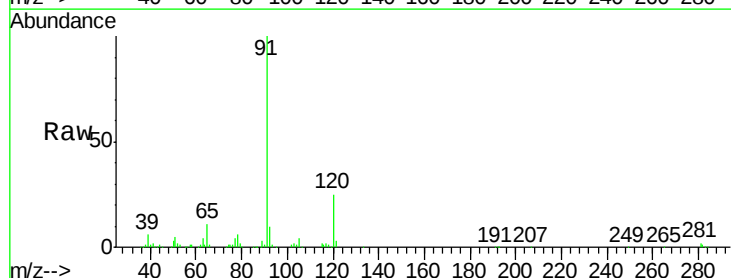
Acq: 15 Jun 2018 12:02

Tgt Ion: 91 Resp: 71192

Ion Ratio Lower Upper

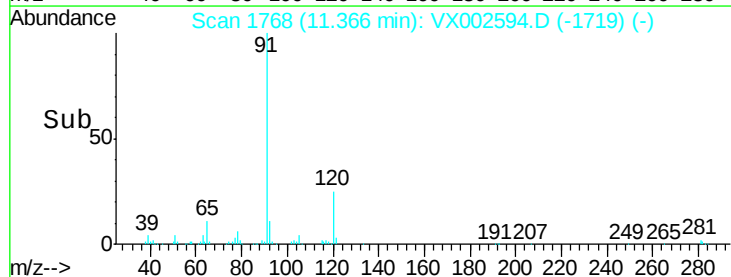
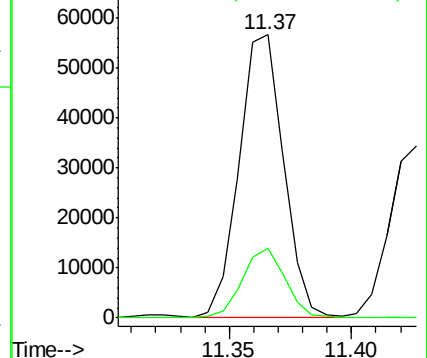
91 100

120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 42733

Ion Ratio Lower Upper

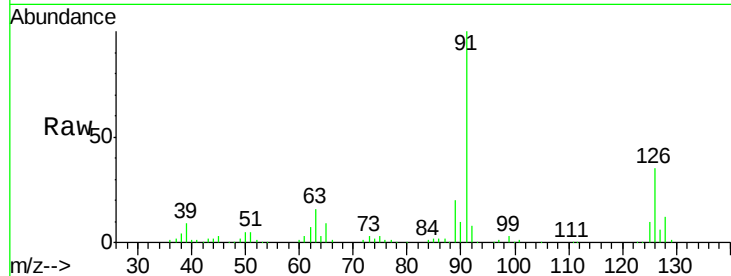
91 100

126 34.9 17.7 53.1

Manual Integrations
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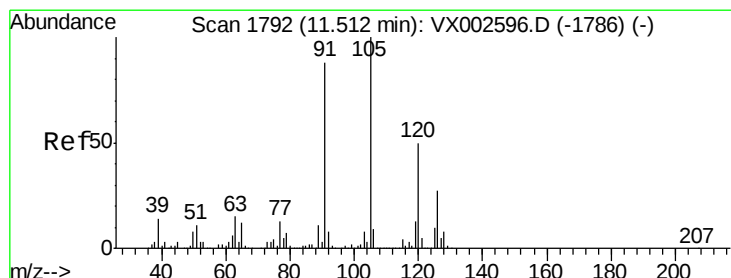
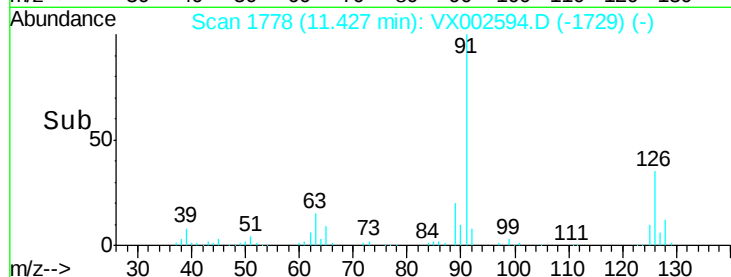
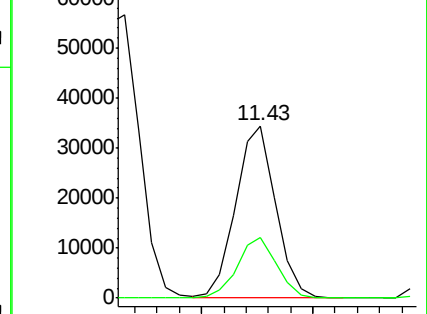
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Abundance Ion 91.00 (90.70 to 91.70): VX002594.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002594.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.99 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002594.D

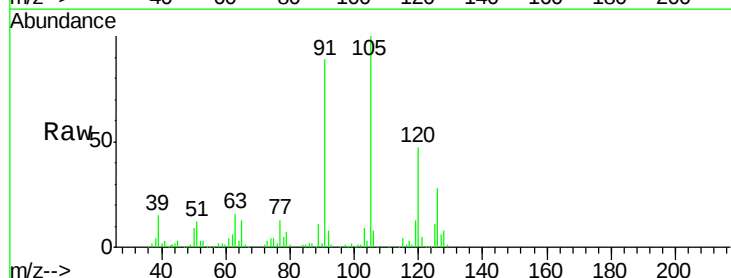
Acq: 15 Jun 2018 12:02

Tgt Ion: 105 Resp: 51514

Ion Ratio Lower Upper

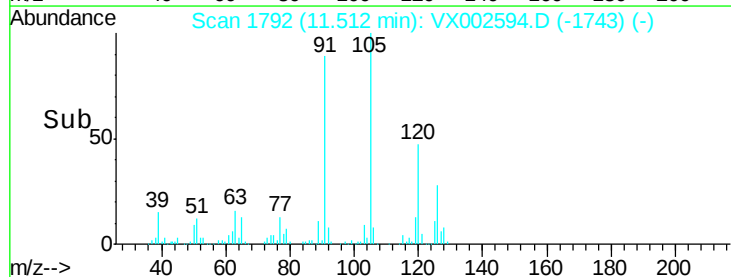
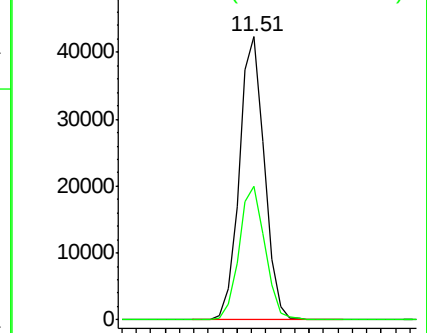
105 100

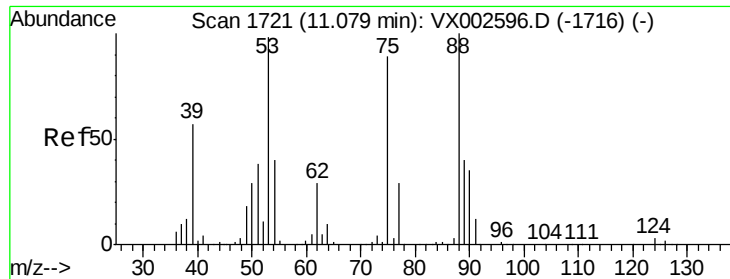
120 48.9 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002594.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX002594.D (-1786) (-)





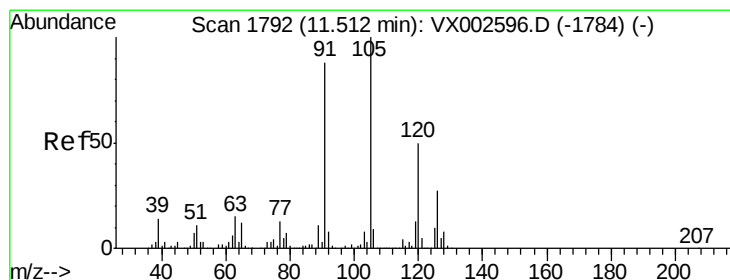
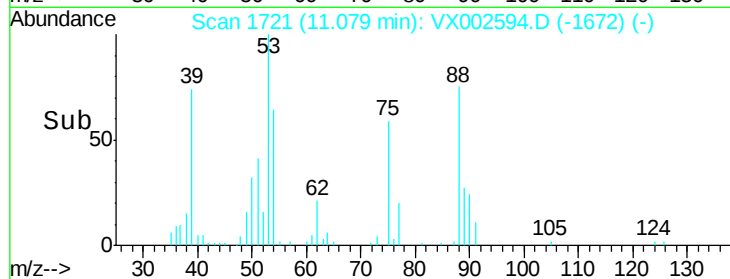
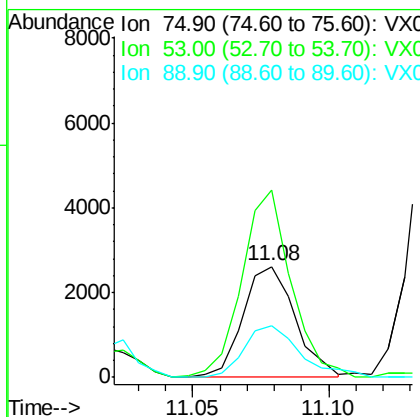
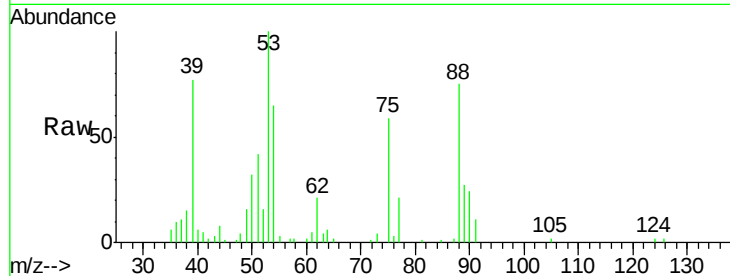
#81
trans-1,4-Dichloro-2-butene
Concen: 3.21 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	159.1	86.8	130.2#
89	49.8	38.2	57.2

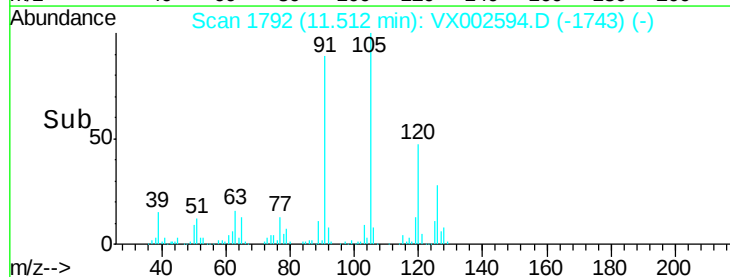
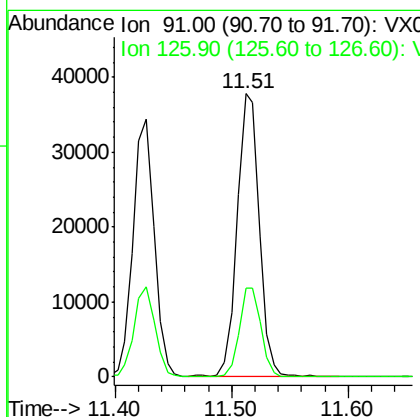
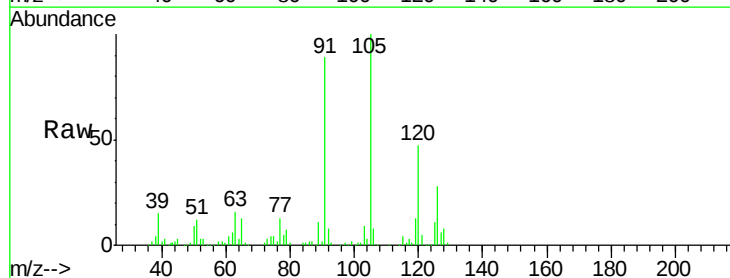
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#82
4-Chlorotoluene
Concen: 5.11 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.4





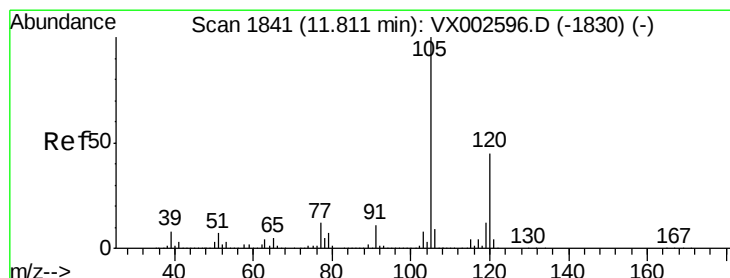
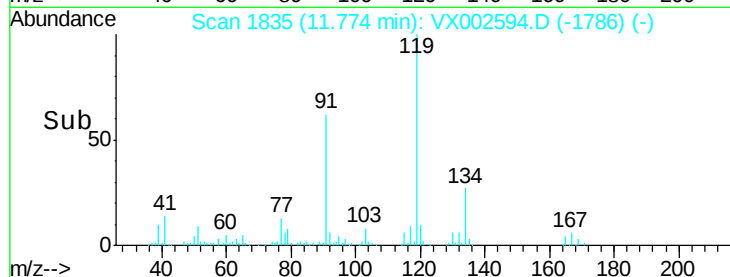
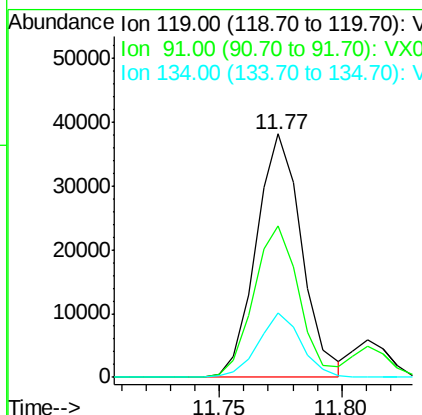
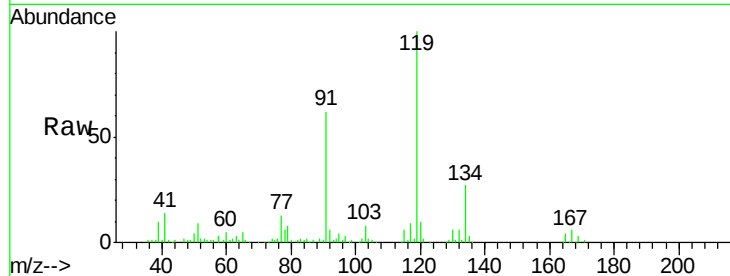
#83
tert-Butylbenzene
Concen: 4.93 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	30.3	90.9
134	25.1	11.7	35.1

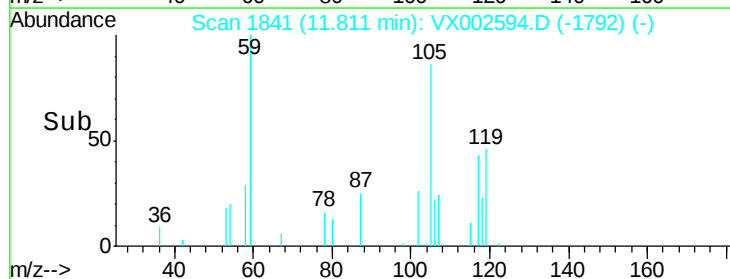
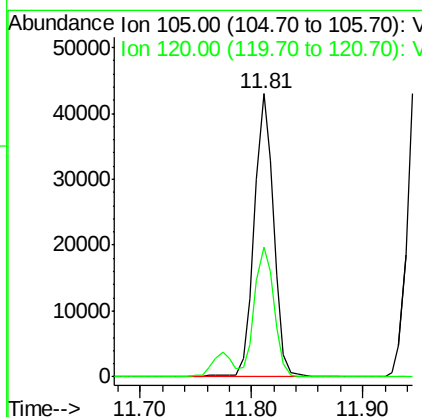
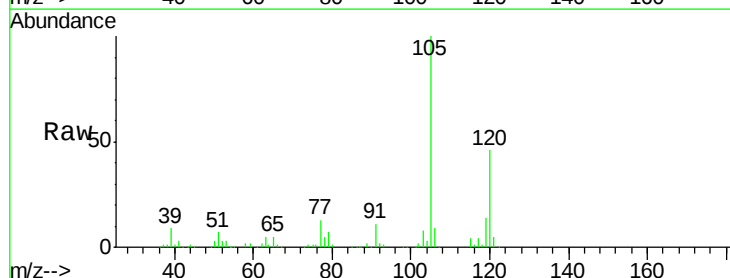
Manual Integrations
APPROVED

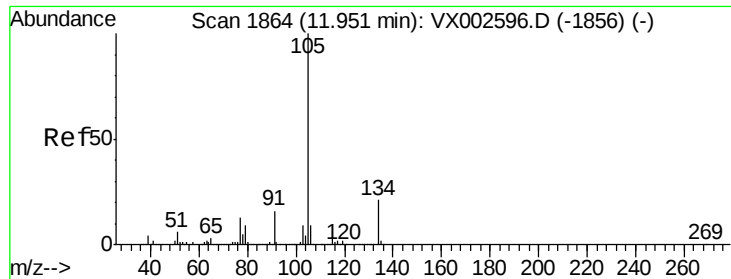
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#84
1,2,4-Trimethylbenzene
Concen: 4.91 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.3	66.8





#85

sec-Butylbenzene

Concen: 5.35 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 62991

Ion Ratio Lower Upper

105 100

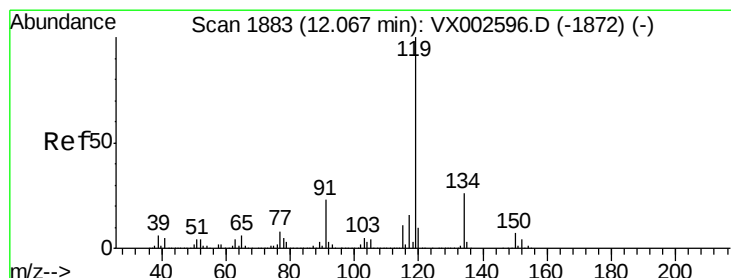
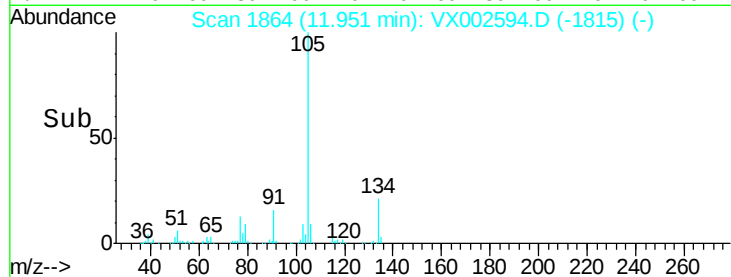
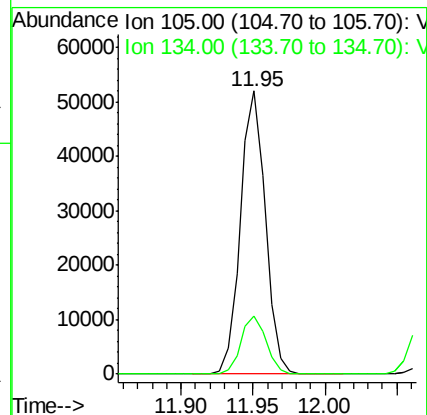
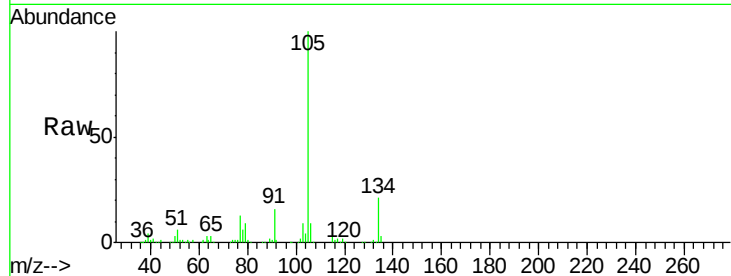
134 20.7 10.4 31.1

Manual Integrations

APPROVED

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#86

p-Isopropyltoluene

Concen: 5.16 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002594.D

Acq: 15 Jun 2018 12:02

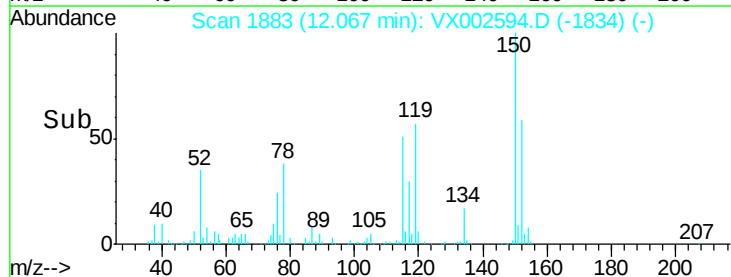
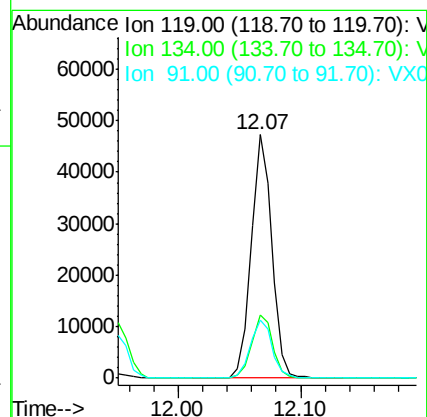
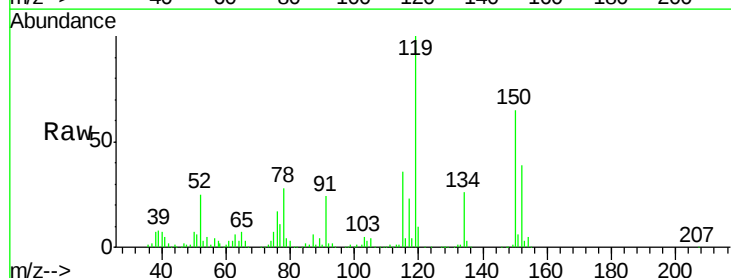
Tgt Ion:119 Resp: 55326

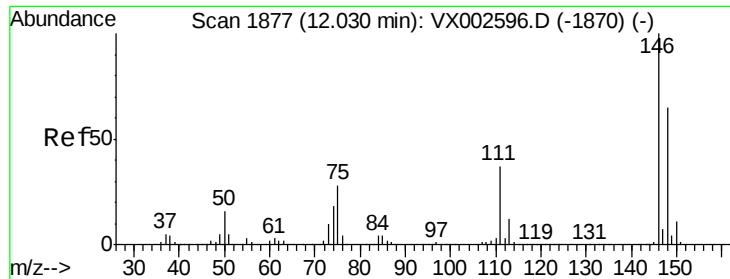
Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 25.6 11.9 35.7





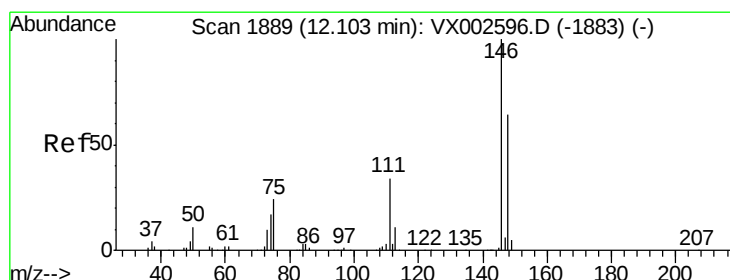
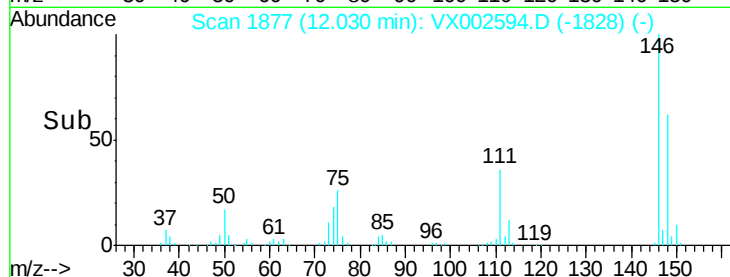
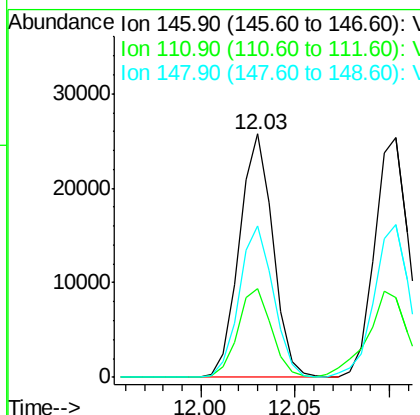
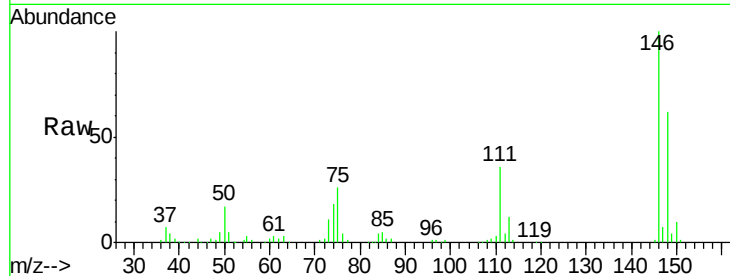
#87
 1,3-Dichlorobenzene
 Concen: 5.28 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.9	56.7
148	63.1	32.1	96.3

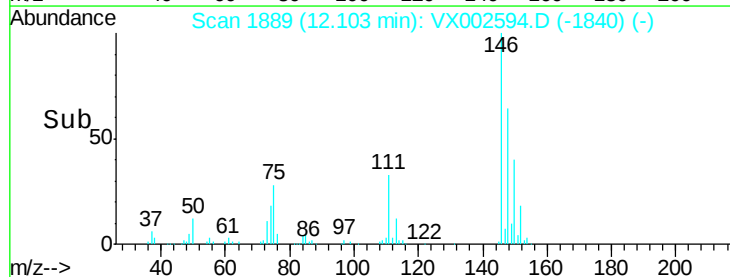
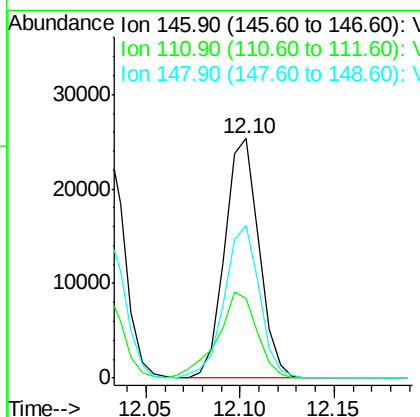
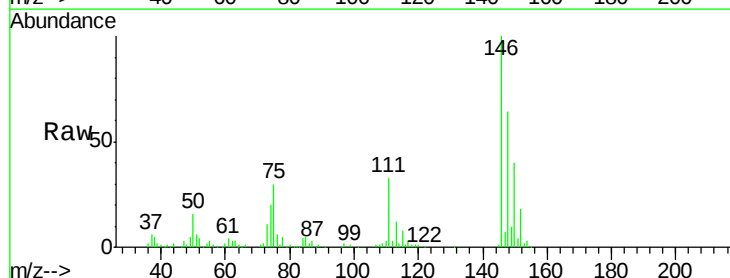
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 5.15 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.7	56.1
148	65.2	32.4	97.0





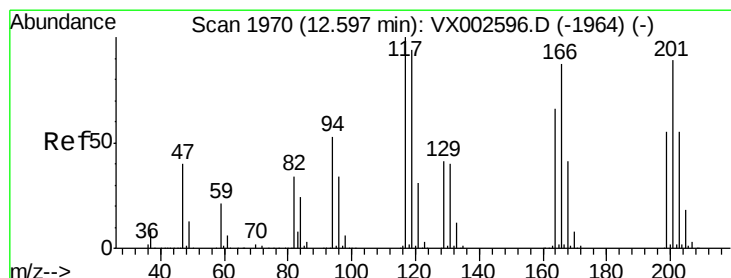
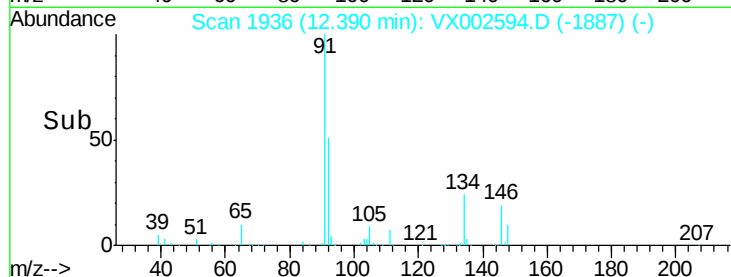
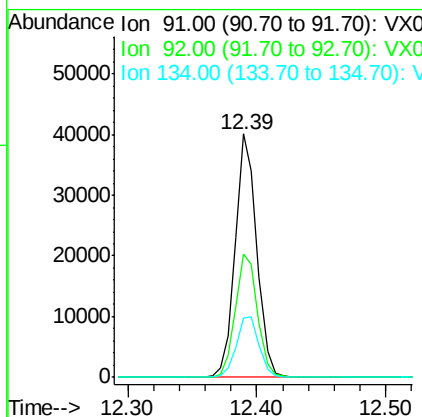
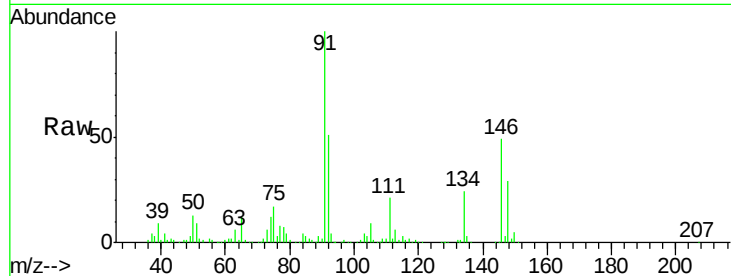
#89
n-Butylbenzene
Concen: 5.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	26.2	13.5	40.5

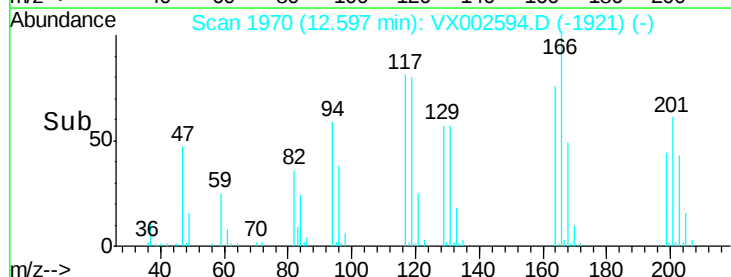
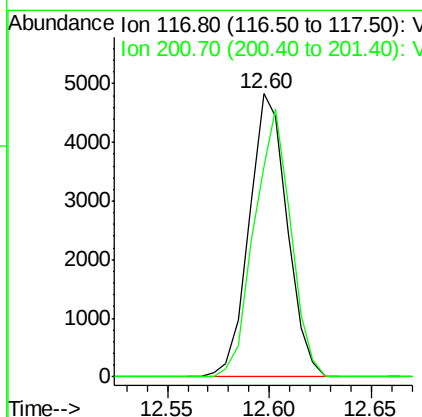
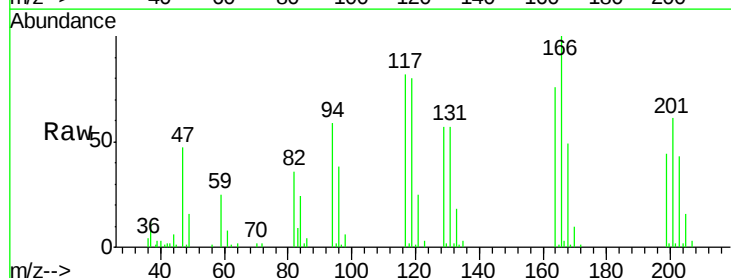
Manual Integrations
APPROVED

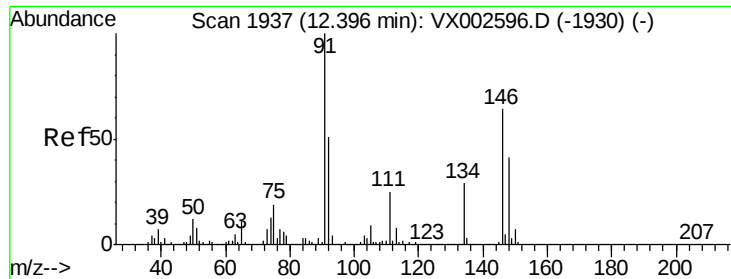
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#90
Hexachloroethane
Concen: 3.64 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	49.0	147.0





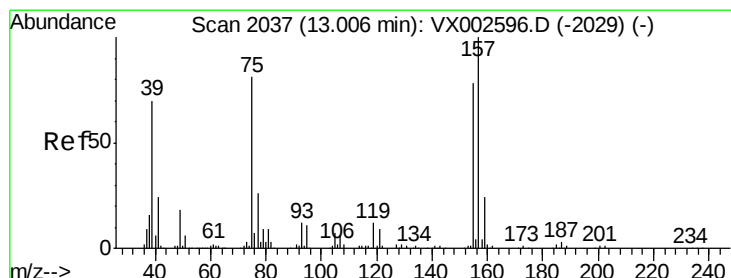
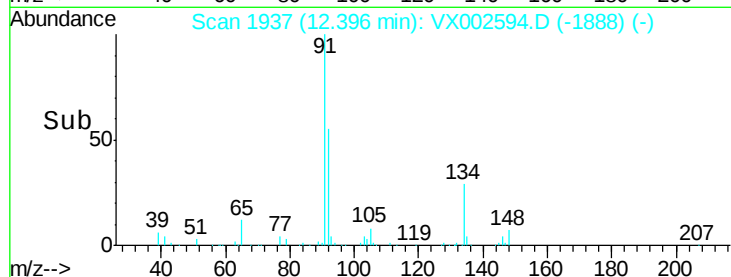
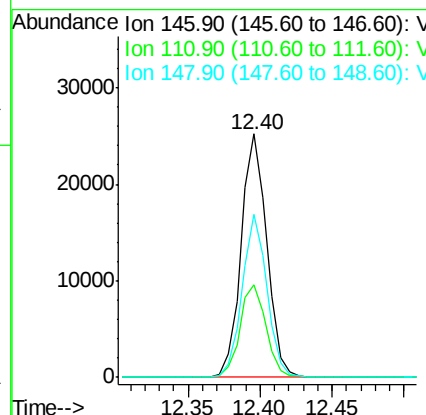
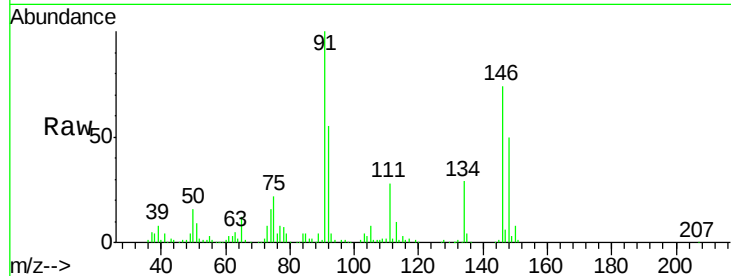
#91
 1,2-Dichlorobenzene
 Concen: 5.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	64.6	31.7	95.1

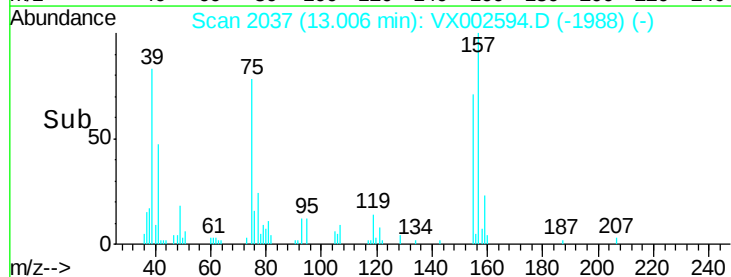
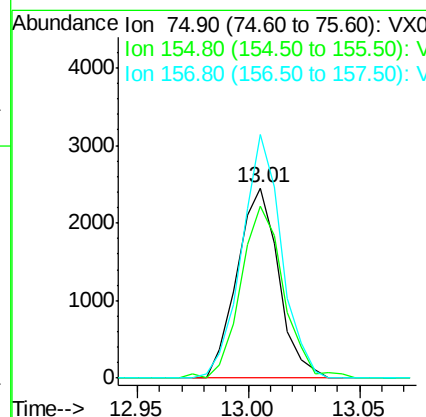
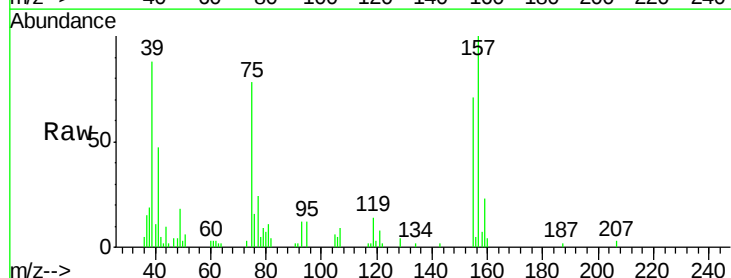
Manual Integrations
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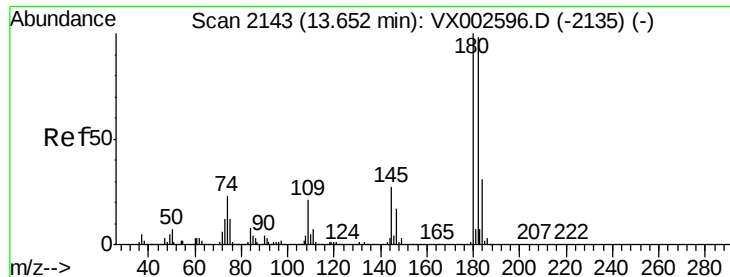
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.85 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	45.8	137.4
157	122.6	60.1	180.3





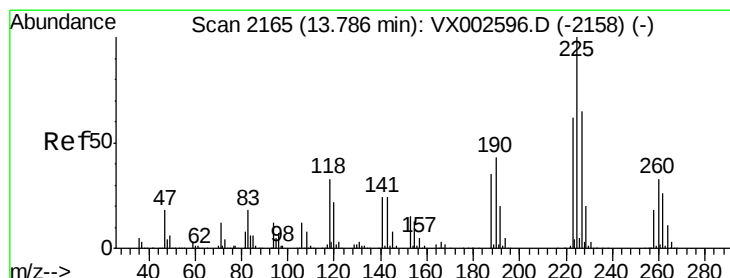
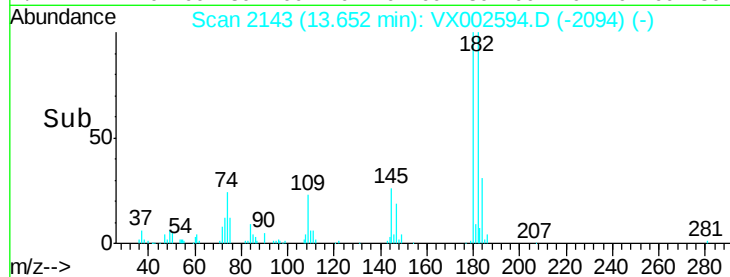
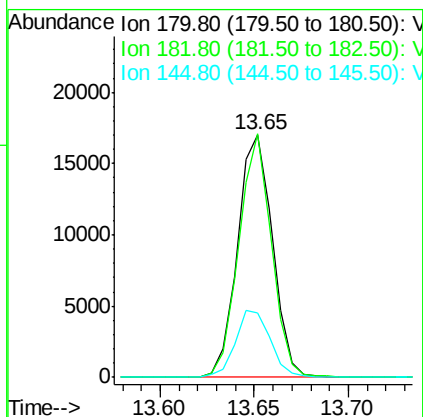
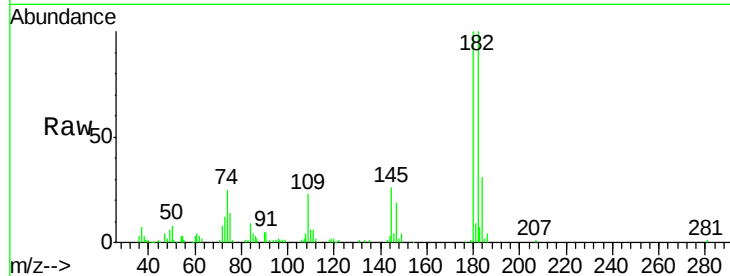
#93
 1,2,4-Trichlorobenzene
 Concen: 4.97 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.7	143.1
145	27.5	14.1	42.4

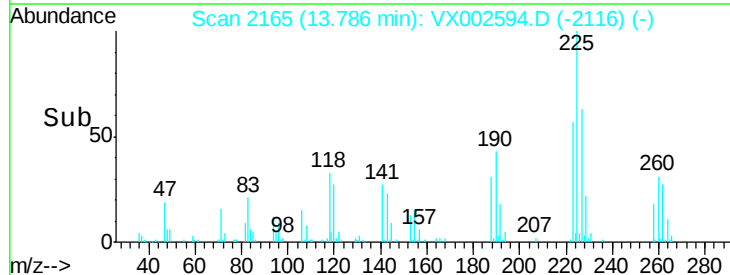
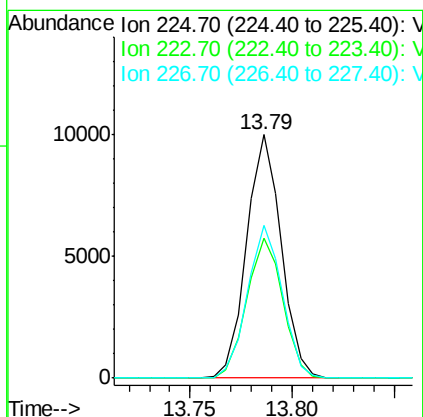
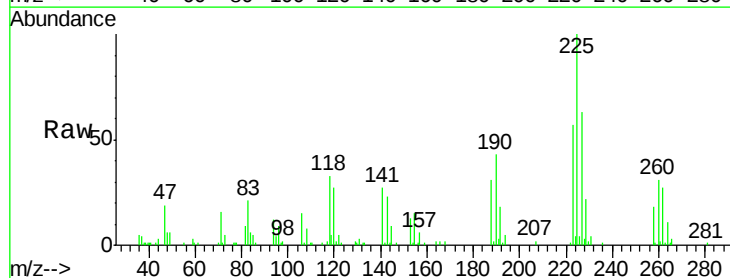
Manual Integrations
 APPROVED

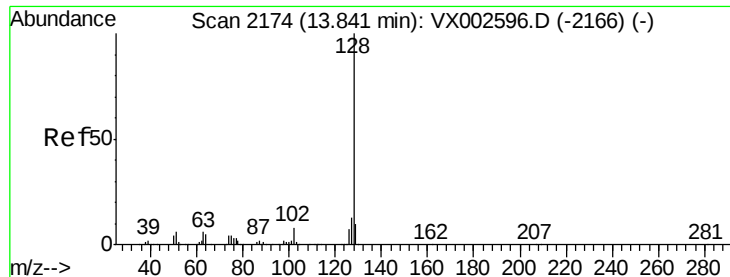
MMDadoda
 6/18/2018 5:11:57 PM



#94
 Hexachlorobutadiene
 Concen: 5.46 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002594.D
 Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	31.6	95.0
227	63.1	32.4	97.2





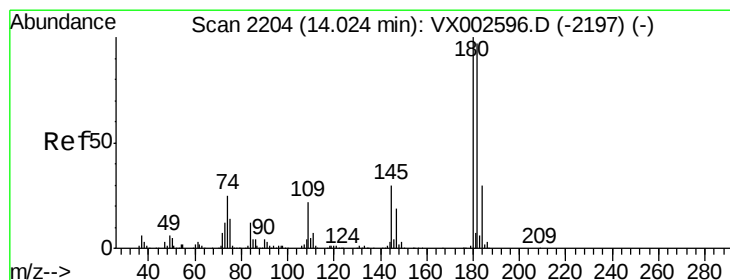
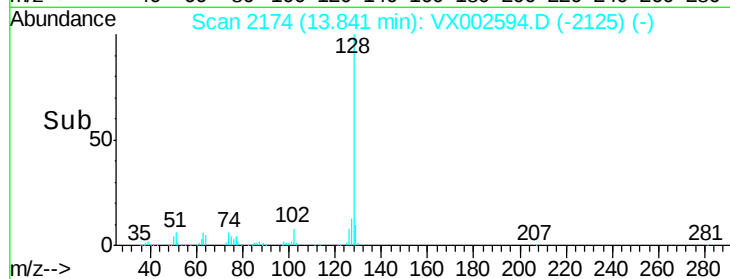
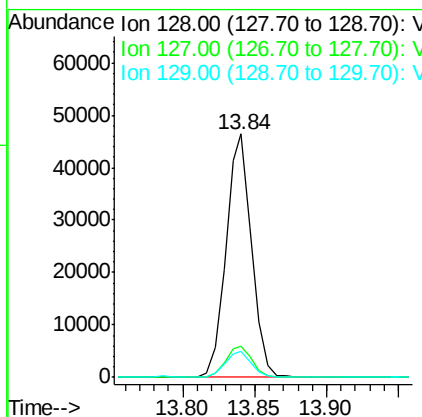
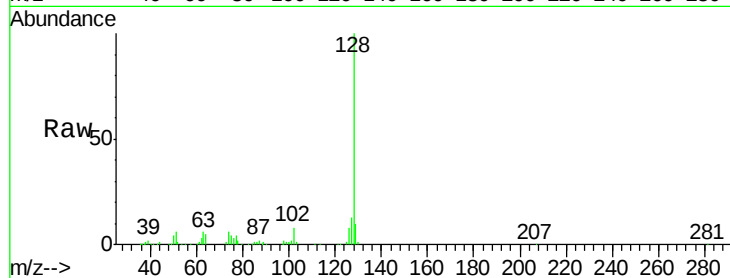
#95
Naphthalene
Concen: 4.58 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:11:57 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.94 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002594.D
Acq: 15 Jun 2018 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	48.0	144.0
145	28.6	14.8	44.3

