

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092420\
 Data File : VX018571.D
 Acq On : 24 Sep 2020 14:47
 Operator : JC/SP
 Sample : L4118-07 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20200918

Quant Time: Sep 25 01:06:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	463359	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	746384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	716840	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	350852	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	330197	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
35) Dibromofluoromethane	5.47	113	258829	50.16	ug/l	0.00
Spiked Amount			Recovery	=	100.32%	
50) Toluene-d8	8.70	98	906528	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.12	95	335736	45.02	ug/l	0.00
Spiked Amount			Recovery	=	90.04%	

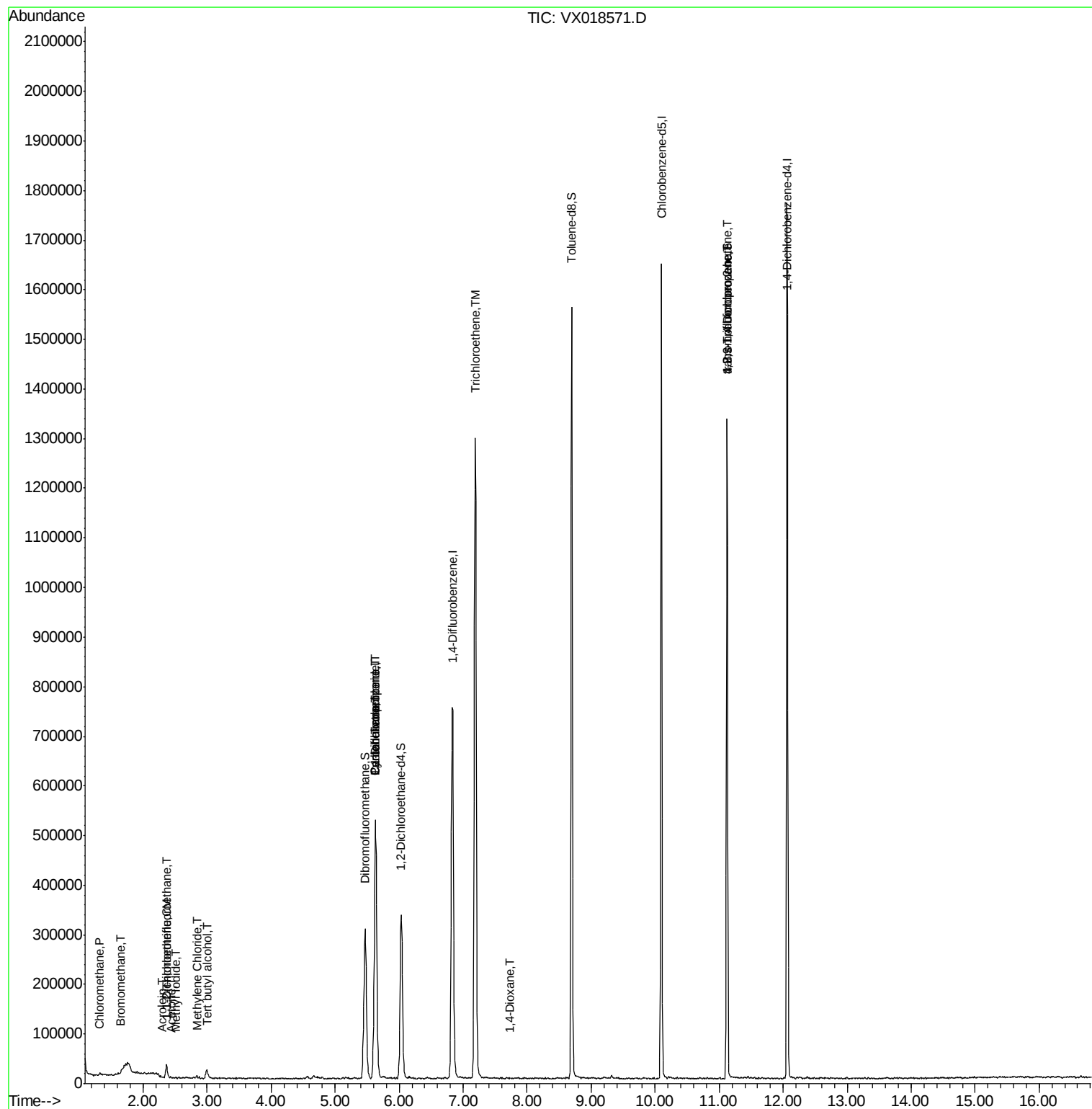
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1364	0.265	ug/l #	77
5) Bromomethane	1.64	94	957	0.286	ug/l #	66
9) 1,1,2-Trichlorotrifluoroet	2.37	101	8212	1.845	ug/l	94
10) Methyl Iodide	2.51	142	585	5.010	ug/l #	61
11) Tert butyl alcohol	3.00	59	11674	10.236	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	2536	0.565	ug/l #	50
13) Acrolein	2.29	56	458	0.634	ug/l	85
16) Acetone	2.44	43	2530	1.009	ug/l	99
20) Methylene Chloride	2.84	84	2569	0.464	ug/l #	90
31) Cyclohexane	5.63	56	9840	1.240	ug/l #	5
36) 1,1-Dichloropropene	5.64	75	37528	5.180	ug/l #	52
38) Carbon Tetrachloride	5.63	117	47315	5.897	ug/l #	19
44) Trichloroethene	7.19	130	491591	81.793	ug/l	96
49) 1,4-Dioxane	7.72	88	234	2.266	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	175333	23.781	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	175333	60.938	ug/l #	12

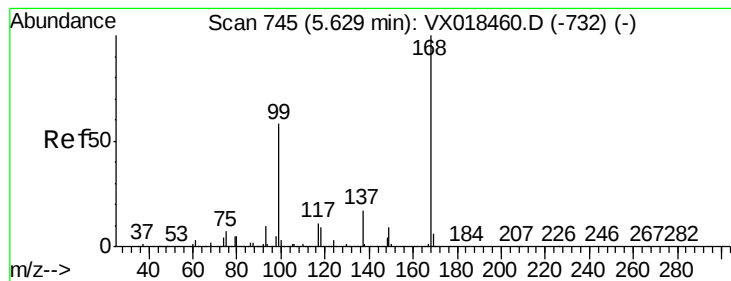
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092420\
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Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

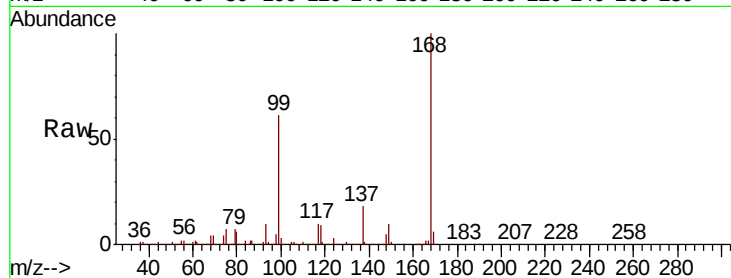
RE132D7-20200918

Tot Ion:168 Resp: 463359

Ion Ratio Lower Upper

168 100

99 60.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

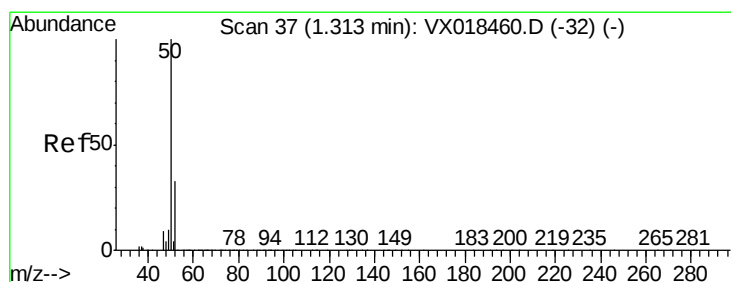
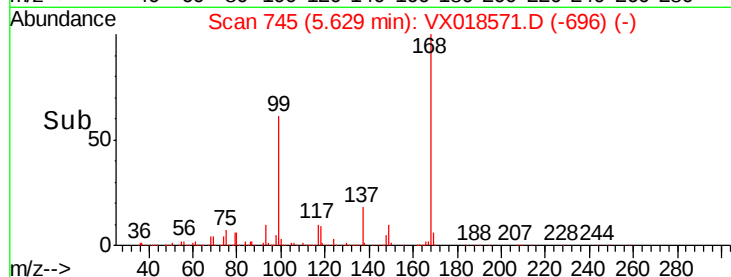
50000

0

5.50 5.60 5.70 5.80

5.63

Time-->



#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018571.D

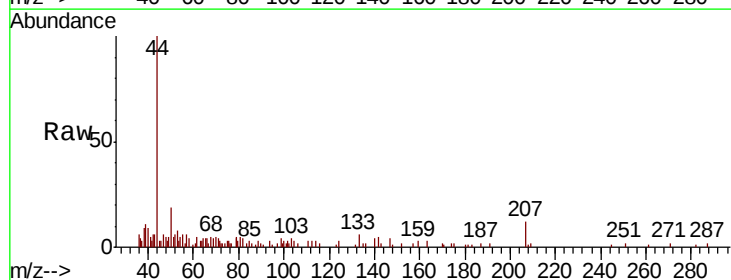
Acq: 24 Sep 2020 14:47

Tgt Ion: 50 Resp: 1364

Ion Ratio Lower Upper

50 100

52 20.0 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

800

600

400

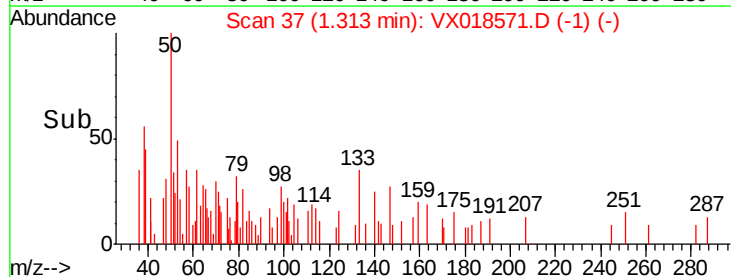
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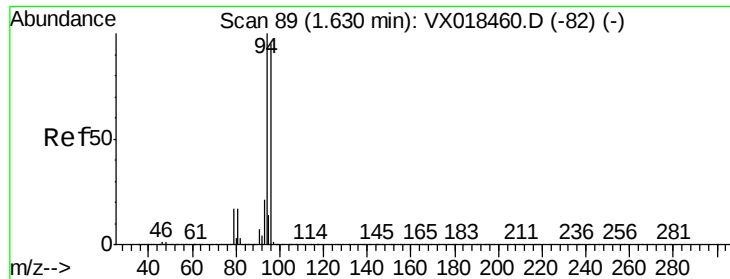
0

1.30 1.35

1.31

Time-->





#5

Bromomethane

Concen: 0.286 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

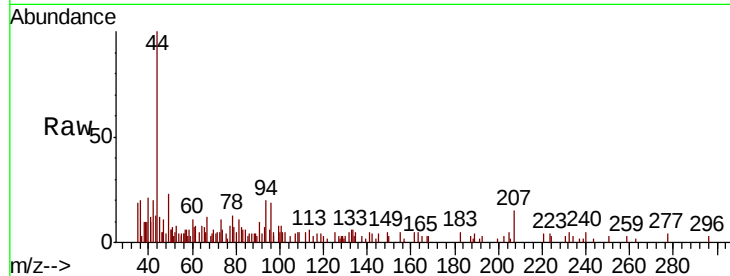
RE132D7-20200918

Tot Ion: 94 Resp: 957

Ion Ratio Lower Upper

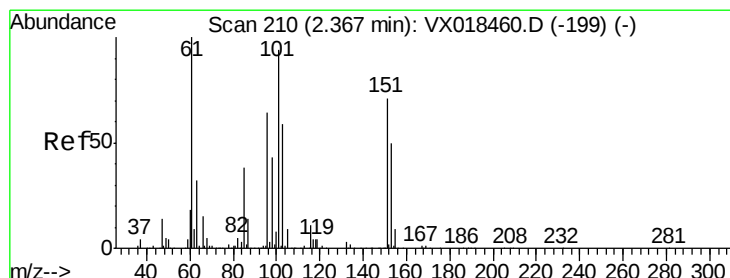
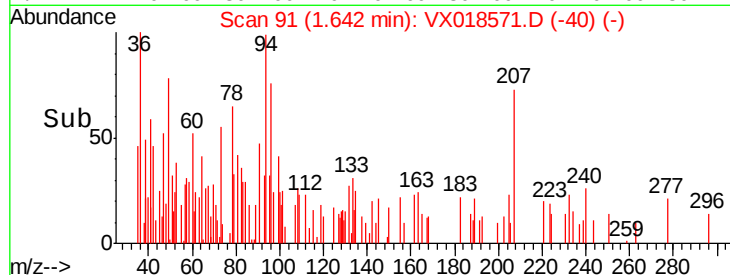
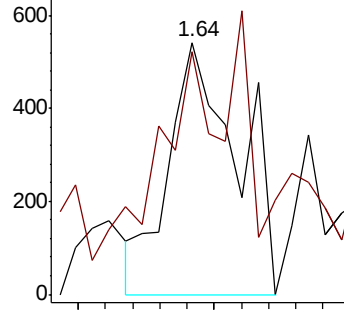
94 100

96 61.6 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.845 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

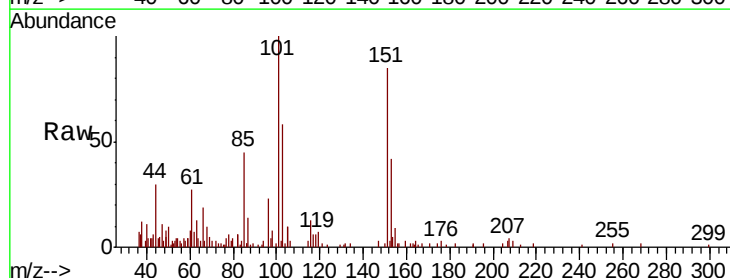
Tgt Ion:101 Resp: 8212

Ion Ratio Lower Upper

101 100

85 51.0 34.7 52.1

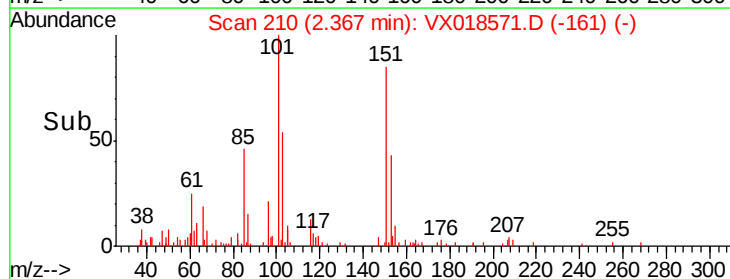
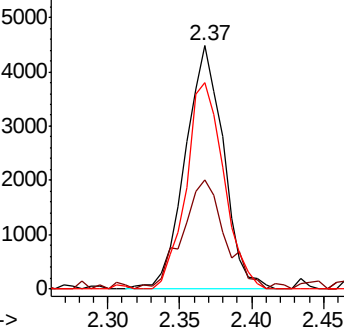
151 83.5 64.9 97.3

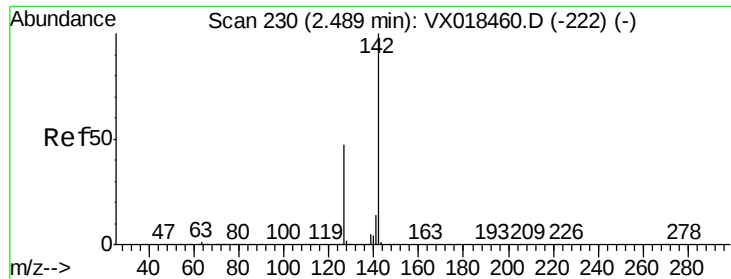


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

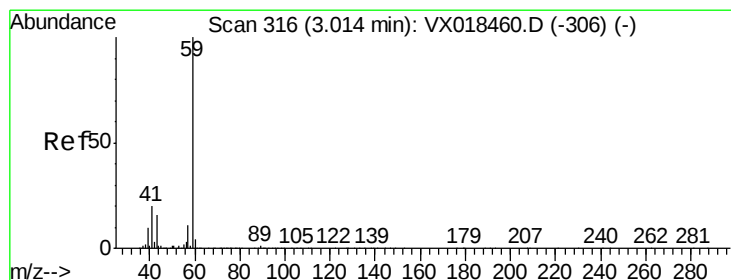
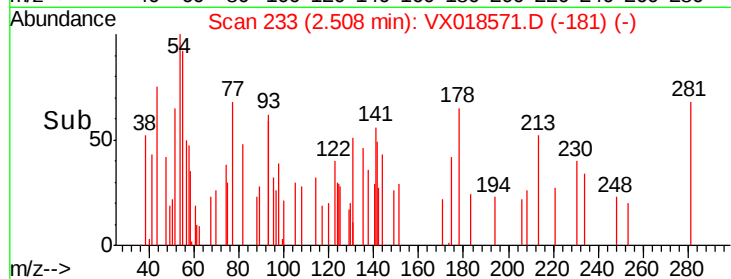
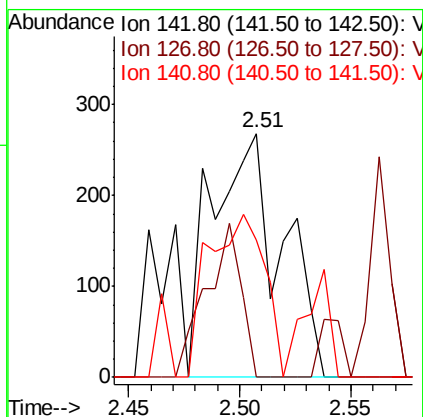
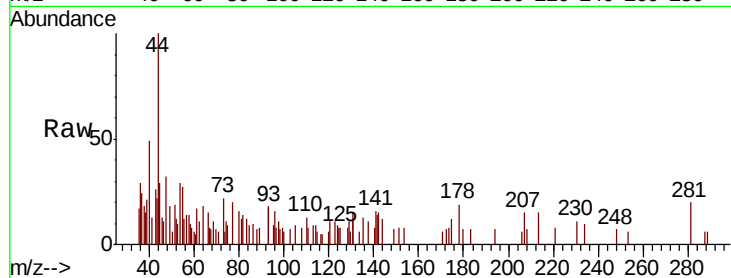




#10
Methyl Iodide
Concen: 5.010 ug/l
RT: 2.51 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

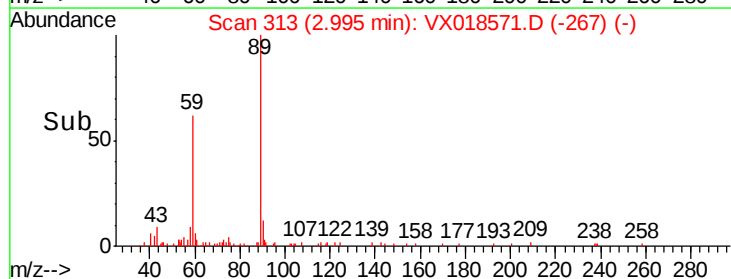
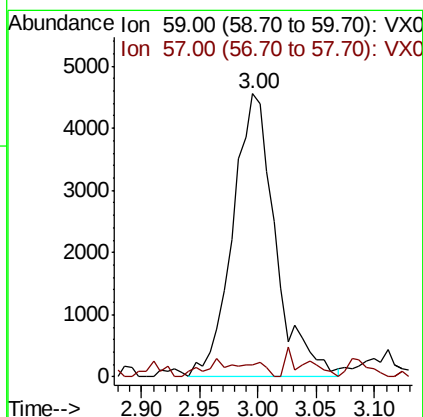
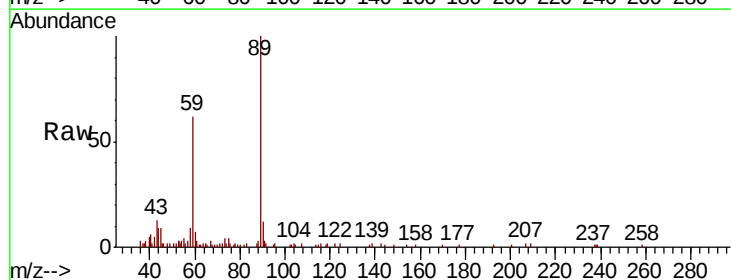
Instrument :
MSVOA_X
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RE132D7-20200918

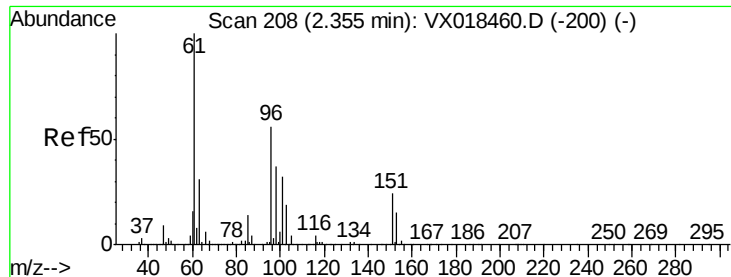
Tot Ion:142 Resp: 585
Ion Ratio Lower Upper
142 100
127 31.5 36.0 54.0#
141 54.2 11.9 17.9#



#11
Tert butyl alcohol
Concen: 10.236 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

Tgt Ion: 59 Resp: 11674
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

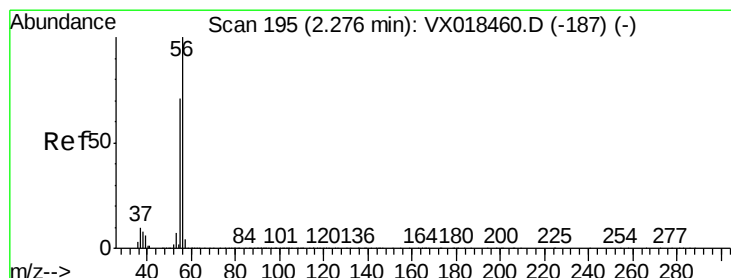
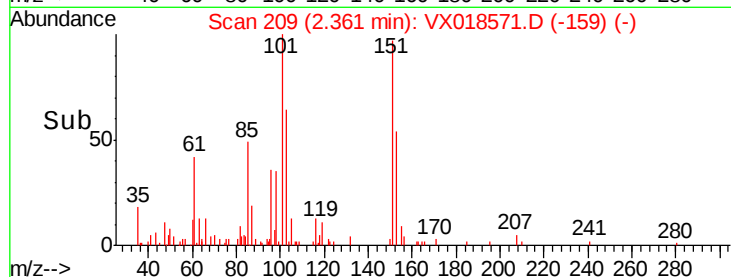
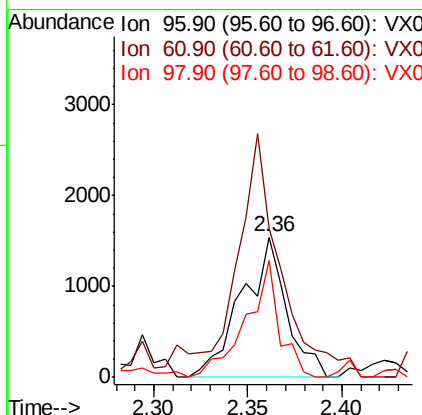
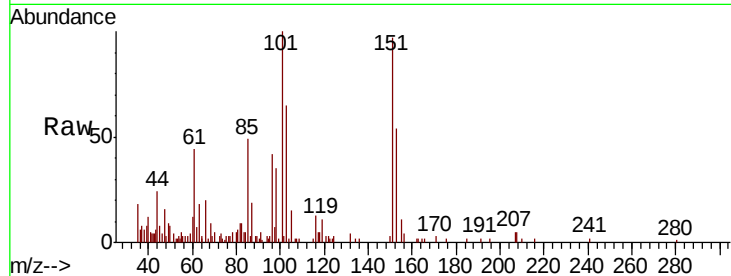




#12
 1,1-Dichloroethene
 Concen: 0.565 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX018571.D
 Acq: 24 Sep 2020 14:47

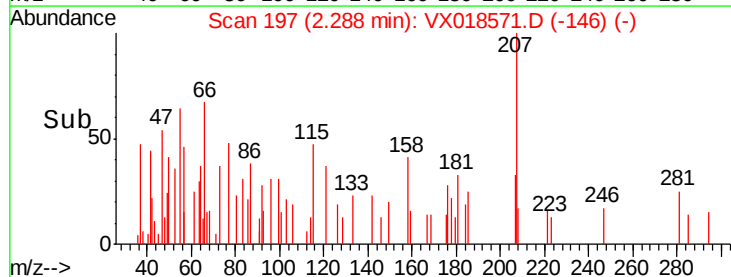
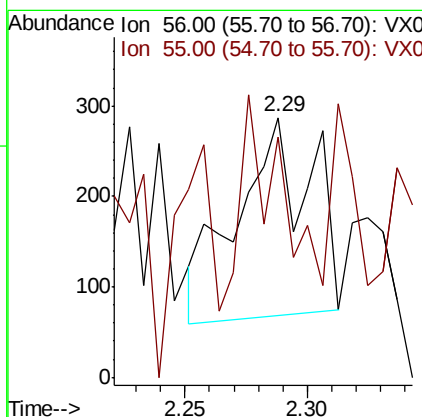
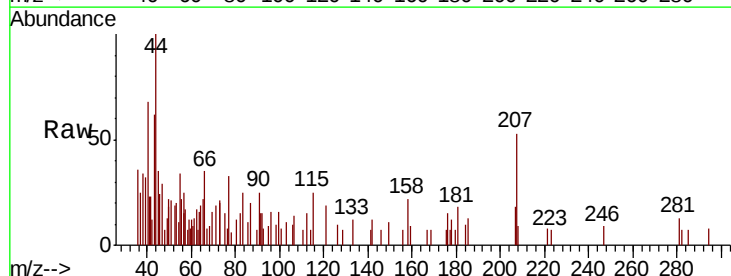
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 ClientSampleId :
 RE132D7-20200918

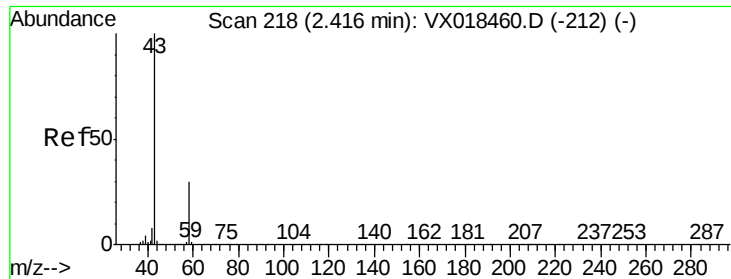
Tot Ion: 96 Resp: 2536
 Ion Ratio Lower Upper
 96 100
 61 93.5 142.2 213.4#
 98 83.6 52.4 78.6#



#13
 Acrolein
 Concen: 0.634 ug/l
 RT: 2.29 min Scan# 197
 Delta R.T. 0.01 min
 Lab File: VX018571.D
 Acq: 24 Sep 2020 14:47

Tgt Ion: 56 Resp: 458
 Ion Ratio Lower Upper
 56 100
 55 60.3 58.2 87.4

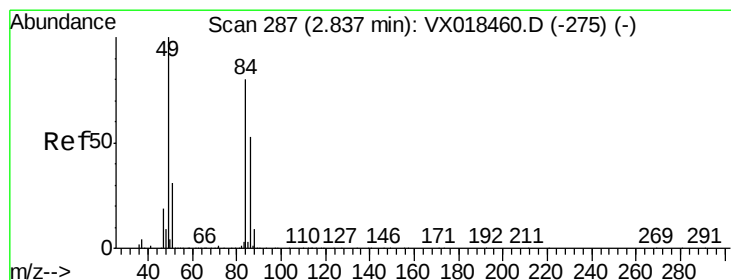
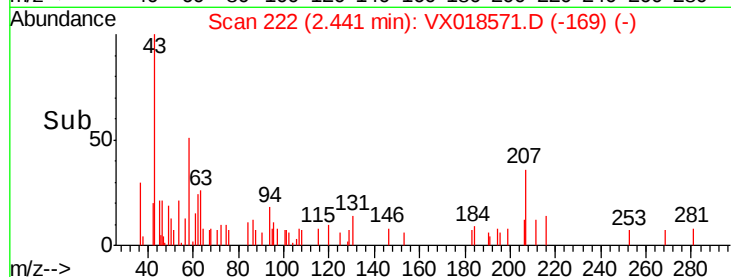
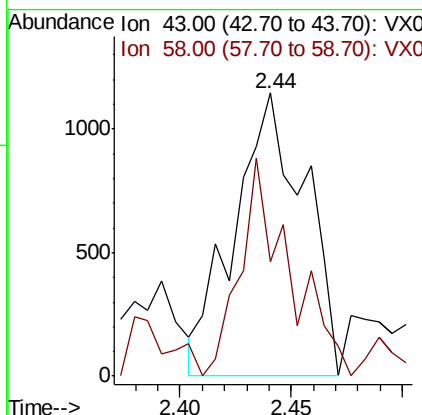
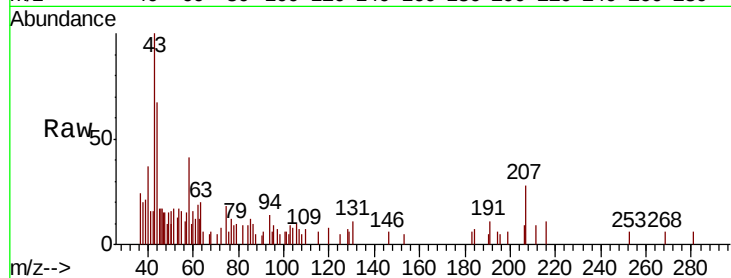




#16
Acetone
Concen: 1.009 ug/l
RT: 2.44 min Scan# 222
Delta R.T. 0.02 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

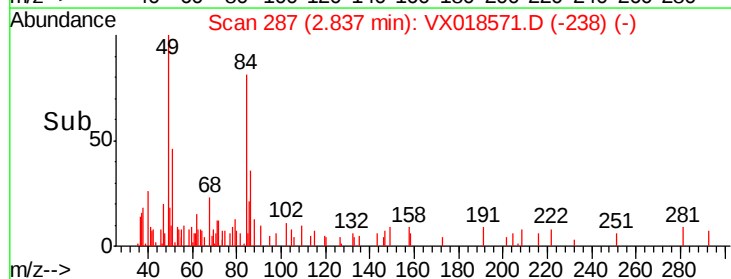
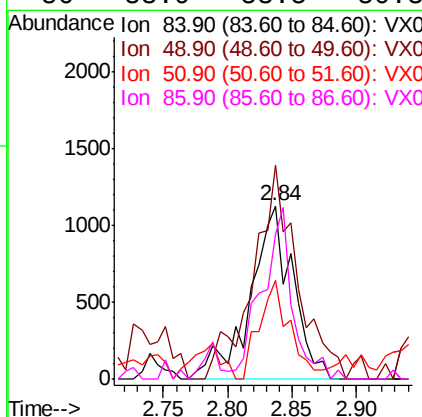
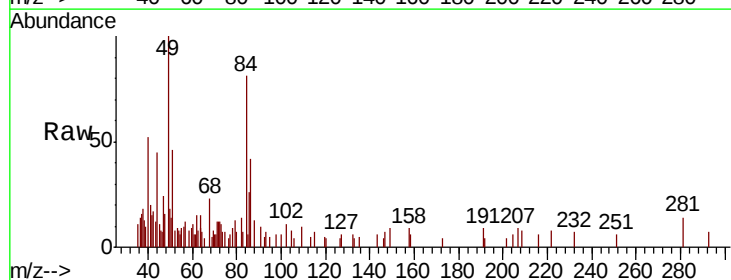
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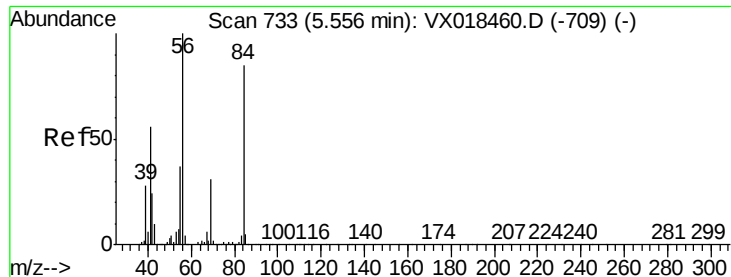
Tot Ion: 43 Resp: 2530
Ion Ratio Lower Upper
43 100
58 29.7 24.0 36.0



#20
Methylene Chloride
Concen: 0.464 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

Tgt Ion: 84 Resp: 2569
Ion Ratio Lower Upper
84 100
49 123.4 100.6 151.0
51 48.2 30.9 46.3#
86 83.9 53.5 80.3#

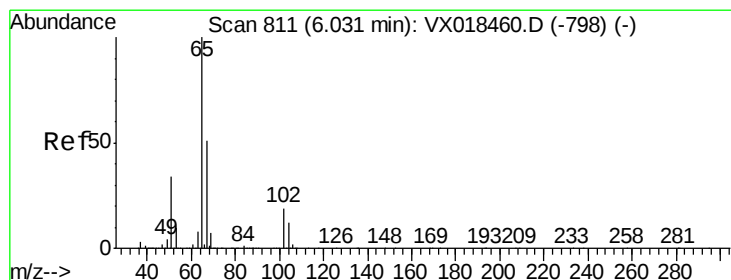
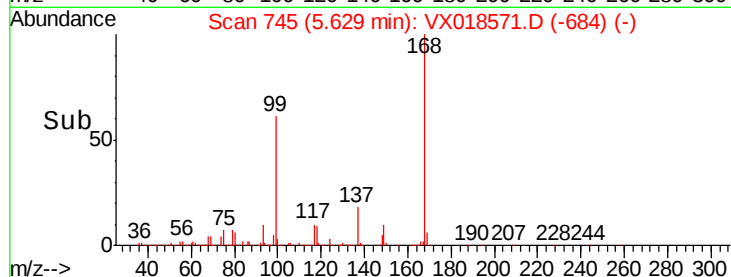
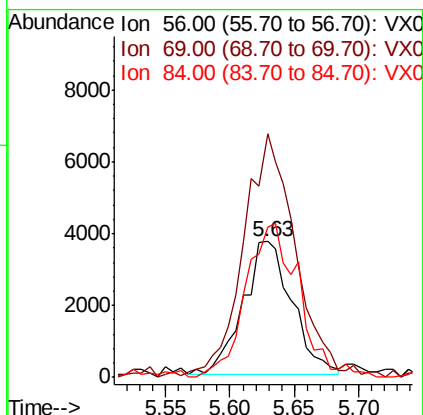
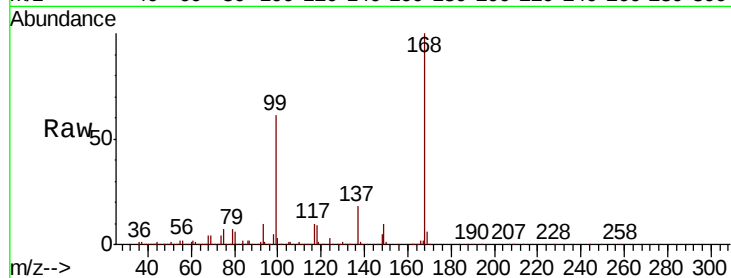




#31
Cvclohexane
Concen: 1.240 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.07 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

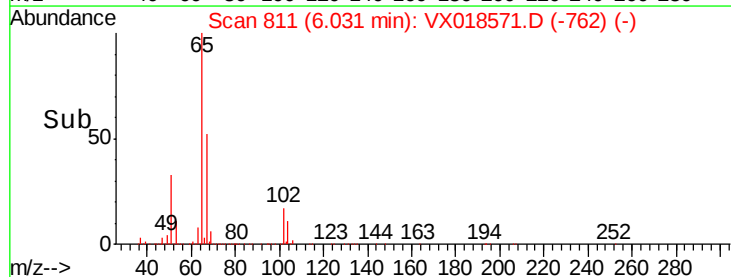
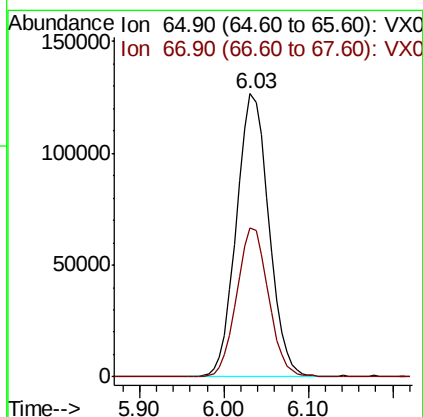
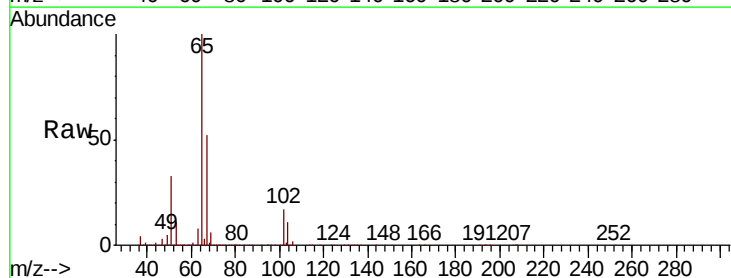
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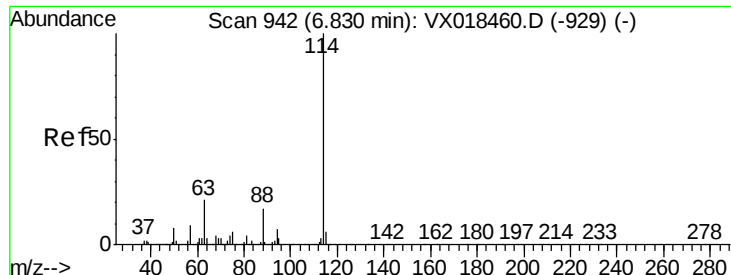
Tot Ion: 56 Resp: 9840
Ion Ratio Lower Upper
56 100
69 179.5 24.8 37.2#
84 112.7 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.374 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

Tgt Ion: 65 Resp: 330197
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20200918

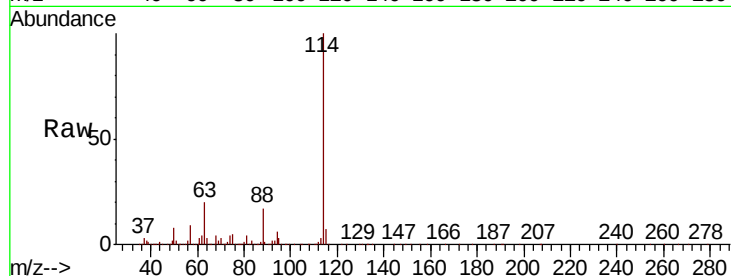
Tot Ion:114 Resp: 746384

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

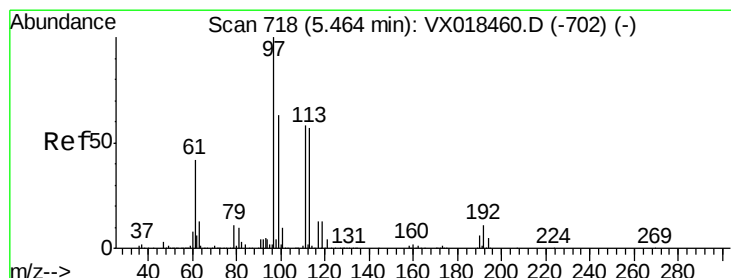
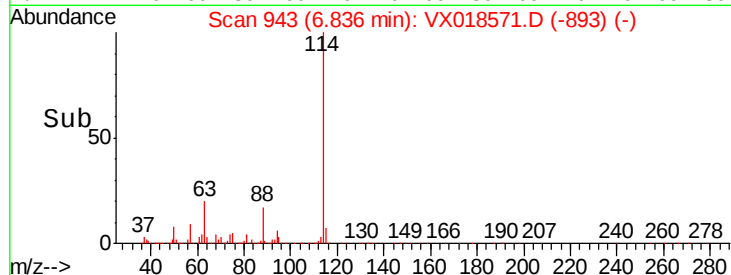
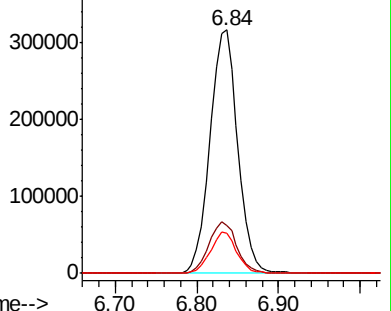
88 16.5 0.0 33.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 50.162 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

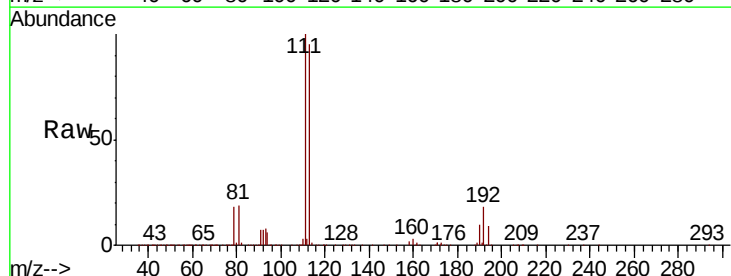
Tgt Ion:113 Resp: 258829

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.2

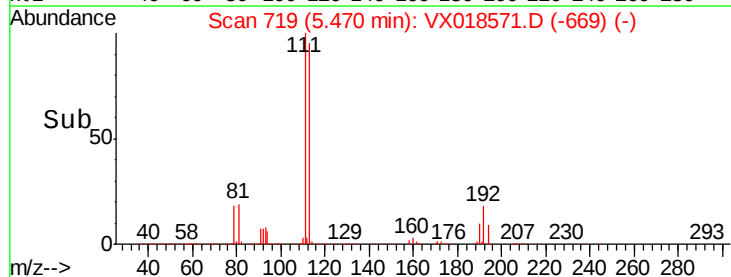
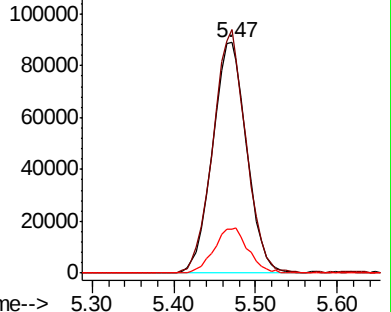
192 19.7 16.6 24.8

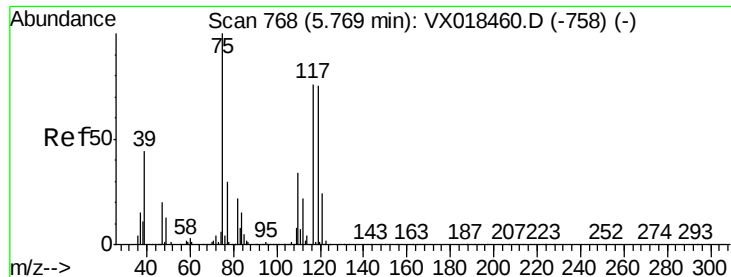


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.180 ug/l

RT: 5.64 min Scan# 746

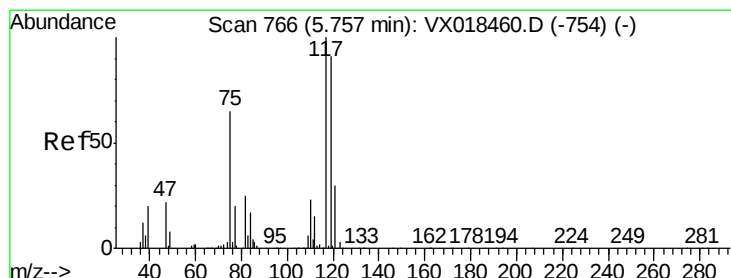
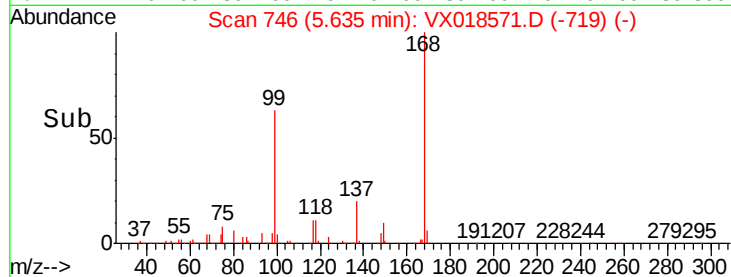
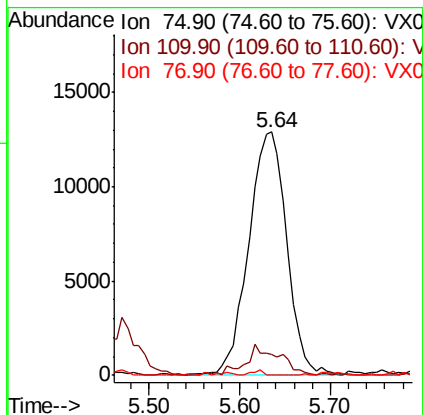
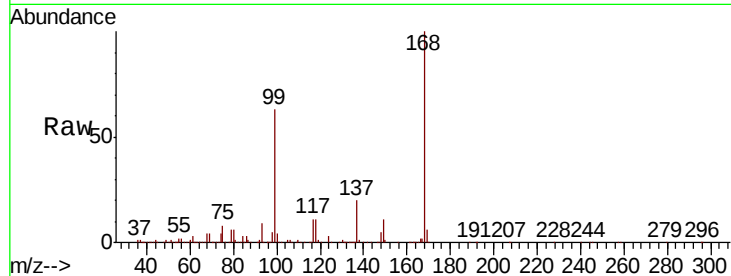
Delta R.T. -0.13 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20200918

Tot Ion:	75	Resp:	37528
Ion	Ratio	Lower	Upper
75	100		
110	11.2	17.6	52.8#
77	0.5	25.0	37.6#



#38

Carbon Tetrachloride

Concen: 5.897 ug/l

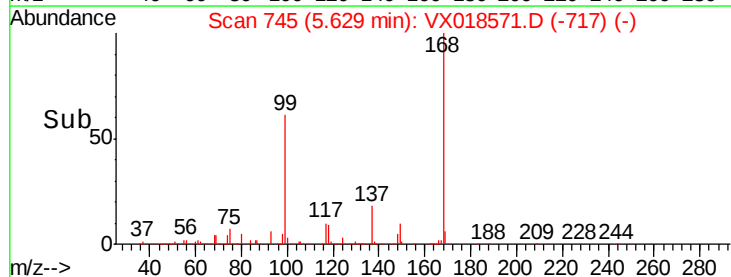
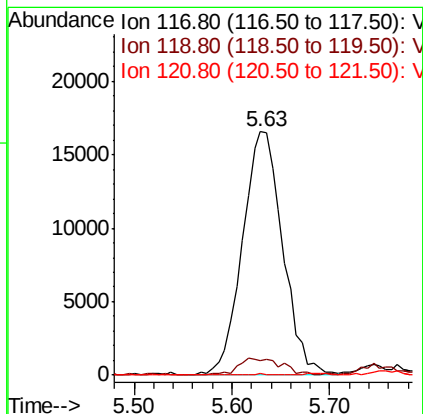
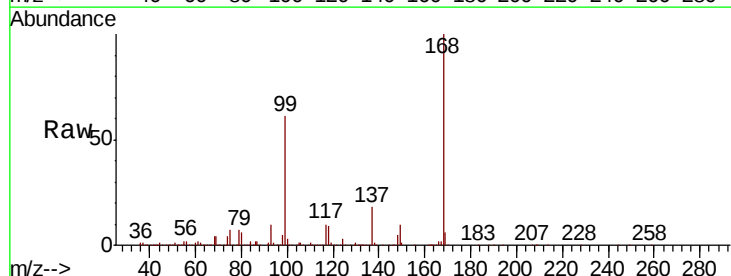
RT: 5.63 min Scan# 745

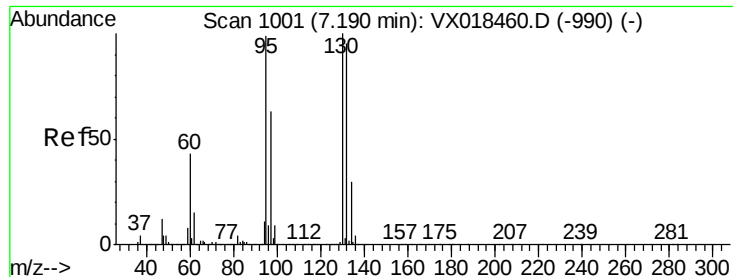
Delta R.T. -0.13 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Tgt Ion:	117	Resp:	47315
Ion	Ratio	Lower	Upper
117	100		
119	6.0	72.3	108.5#
121	0.4	23.8	35.8#





#44

Trichloroethene

Concen: 81.793 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

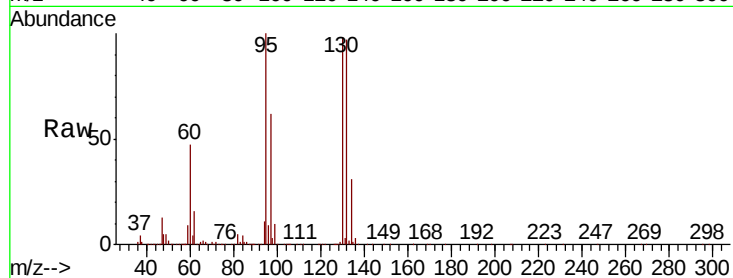
RE132D7-20200918

Tot Ion:130 Resp: 491591

Ion Ratio Lower Upper

130 100

95 102.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

250000

200000

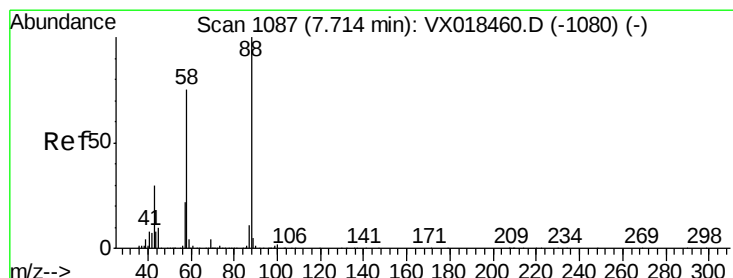
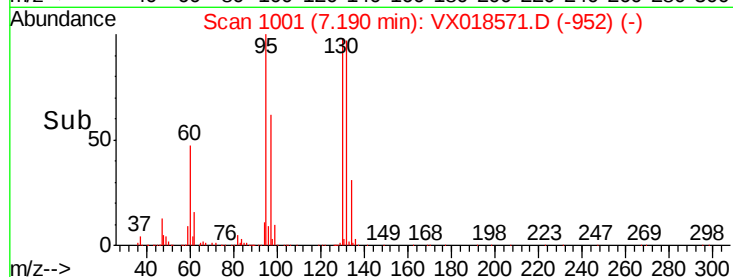
150000

100000

50000

0

Time-->



#49

1,4-Dioxane

Concen: 2.266 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

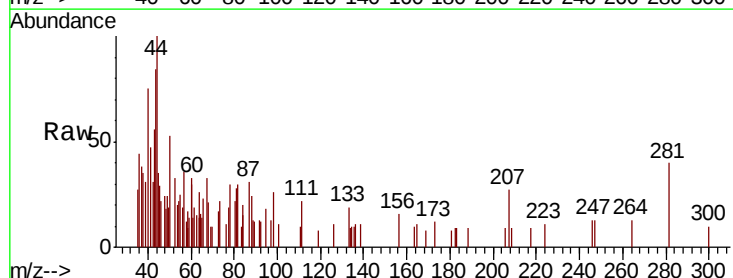
Tgt Ion: 88 Resp: 234

Ion Ratio Lower Upper

88 100

43 136.8 29.9 44.9#

58 229.9 59.0 88.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600

500

400

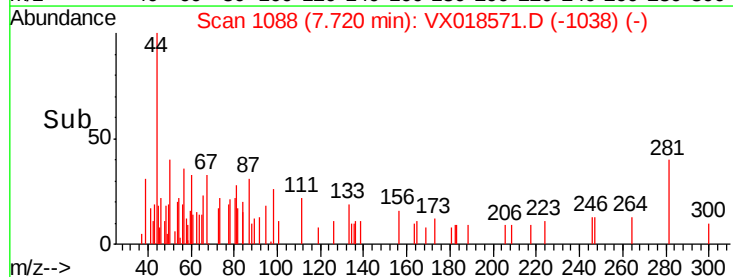
300

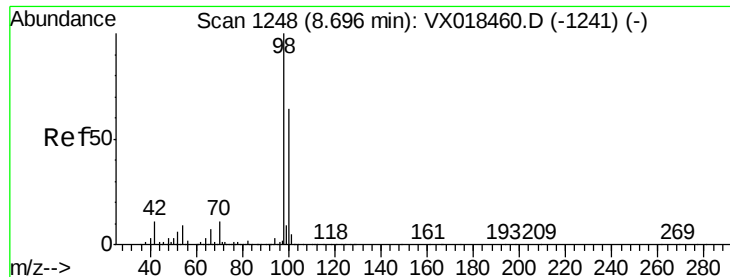
200

100

0

Time-->





#50

Toluene-d8

Concen: 48.355 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

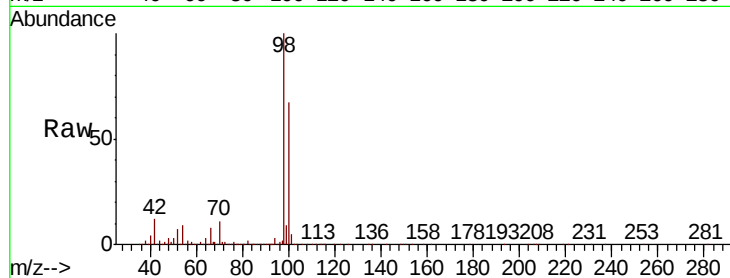
RE132D7-20200918

Tot Ion: 98 Resp: 906528

Ion Ratio Lower Upper

98 100

100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

600000

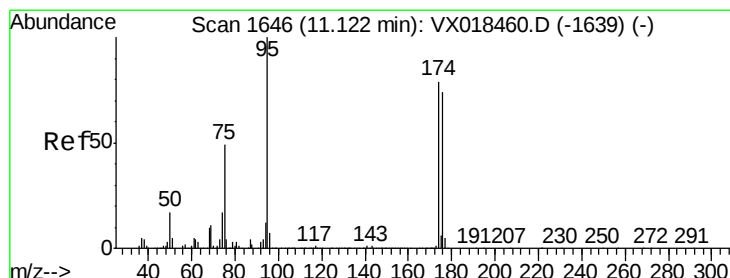
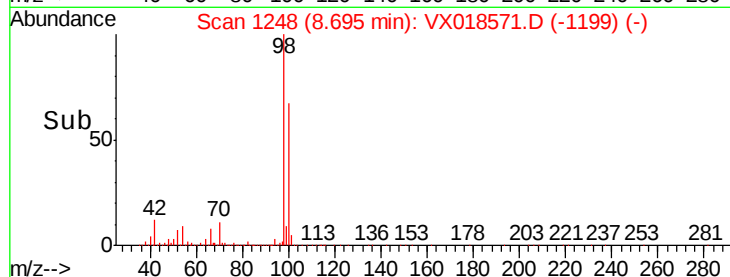
8.70

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.021 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

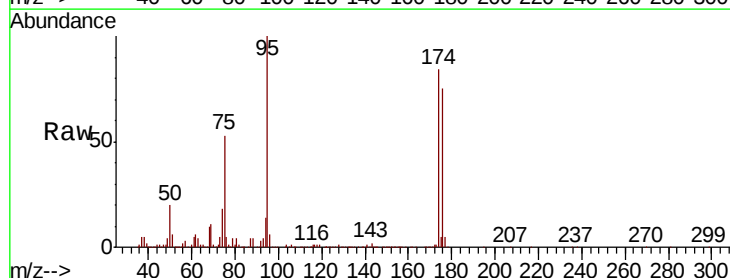
Tgt Ion: 95 Resp: 335736

Ion Ratio Lower Upper

95 100

174 84.1 0.0 161.4

176 75.9 0.0 151.4



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

300000

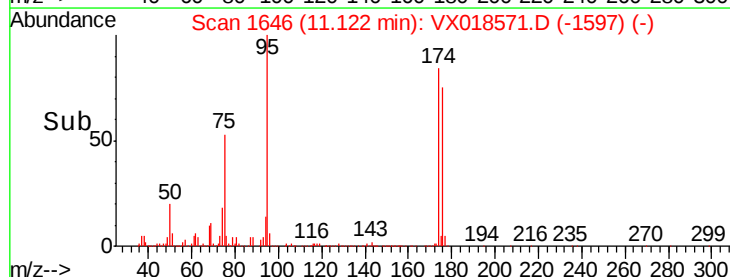
11.12

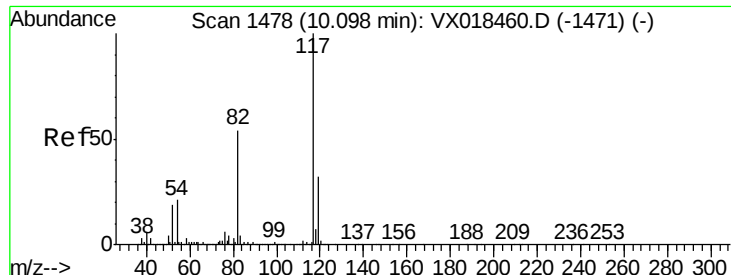
200000

100000

0

Time-->

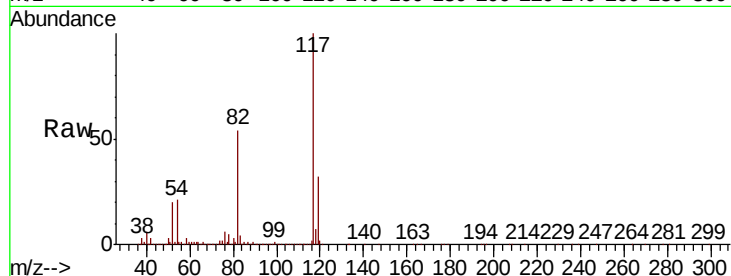




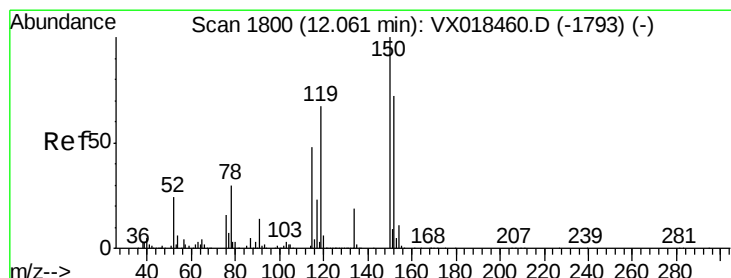
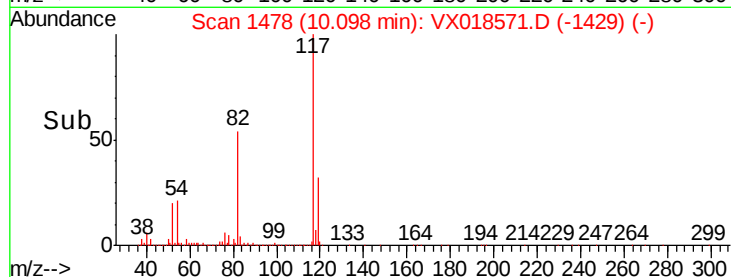
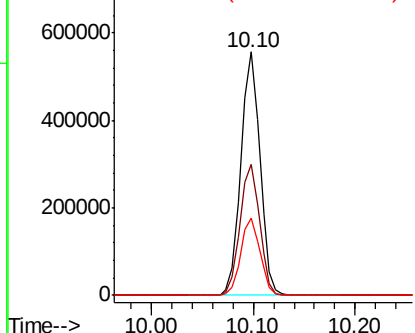
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20200918

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.3	64.9
119	31.6	25.9	38.9

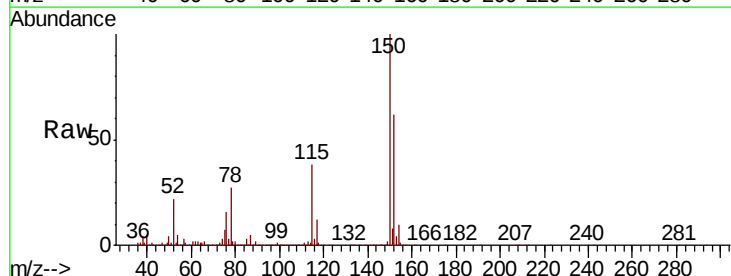


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

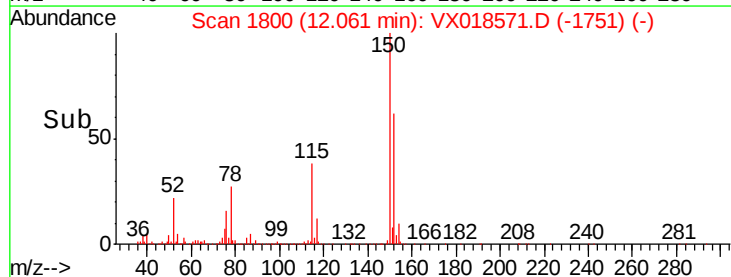
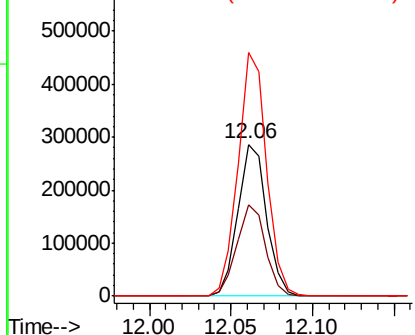


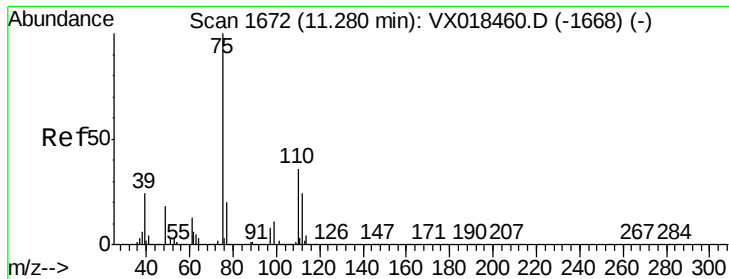
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018571.D
Acq: 24 Sep 2020 14:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	41.8	125.4
150	159.0	0.0	342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.781 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

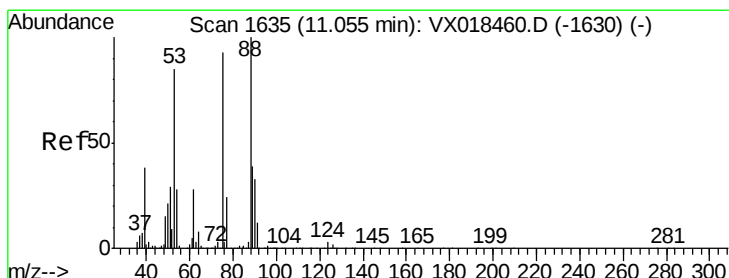
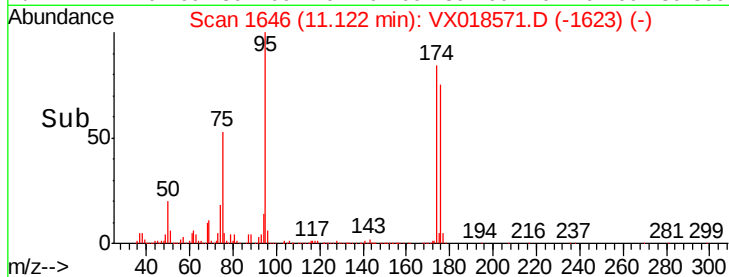
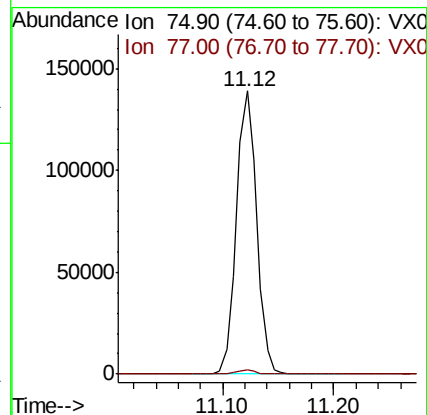
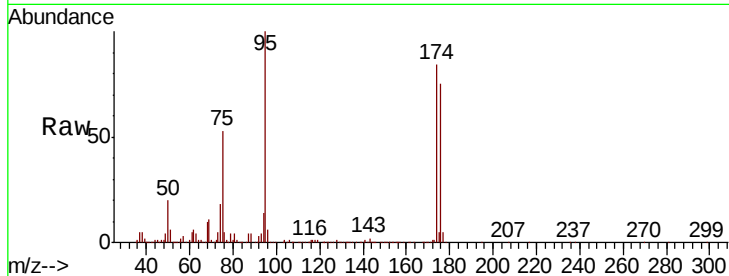
RE132D7-20200918

Tot Ion: 75 Resp: 175333

Ion Ratio Lower Upper

75 100

77 1.5 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.938 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018571.D

Acq: 24 Sep 2020 14:47

Tgt Ion: 75 Resp: 175333

Ion Ratio Lower Upper

75 100

53 0.4 74.6 111.8#

89 0.0 36.2 54.4#

