

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018585.D
 Acq On : 24 Sep 2020 20:01
 Operator : JC/SP
 Sample : L4118-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921

Quant Time: Sep 25 01:11:16 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	440516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	711474	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	686614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	333295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	322436	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.46	113	250171	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
50) Toluene-d8	8.70	98	878615	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.12	95	323355	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2522	0.604	ug/l	87
3) Chloromethane	1.31	50	2162	0.442	ug/l	94
4) Vinyl Chloride	1.39	62	1116	0.216	ug/l #	58
5) Bromomethane	1.64	94	1684	0.530	ug/l	91
7) Trichlorofluoromethane	1.92	101	4209	0.535	ug/l #	81
8) Diethyl Ether	2.18	74	685	0.248	ug/l	65
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125538	29.659	ug/l	100
10) Methyl Iodide	2.50	142	1290	5.136	ug/l #	61
11) Tert butyl alcohol	2.99	59	1307	1.205	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	75308	17.653	ug/l	92
13) Acrolein	2.28	56	164	0.239	ug/l #	44
15) Acrylonitrile	3.13	53	1275	0.493	ug/l #	34
16) Acetone	2.43	43	6073	2.548	ug/l	92
17) Carbon Disulfide	2.56	76	7599	0.596	ug/l #	92
18) Methyl Acetate	2.75	43	1251	0.212	ug/l #	90
20) Methylene Chloride	2.84	84	2726	0.518	ug/l #	74
21) trans-1,2-Dichloroethene	3.15	96	2047	0.413	ug/l #	48
24) 1,1-Dichloroethane	3.67	63	15847	1.768	ug/l	95
25) 2-Butanone	4.65	43	1301	0.351	ug/l #	80
27) cis-1,2-Dichloroethene	4.57	96	13387	2.409	ug/l	87
30) Chloroform	5.17	83	7676	0.844	ug/l #	81
32) 1,1,1-Trichloroethane	5.46	97	17375	2.037	ug/l	97
36) 1,1-Dichloropropene	5.78	75	1911	0.277	ug/l #	90
38) Carbon Tetrachloride	5.76	117	14422	1.886	ug/l	97
44) Trichloroethene	7.19	130	1424294	248.608	ug/l	93
45) 1,2-Dichloropropane	7.49	63	1531	0.282	ug/l	94
46) Dibromomethane	7.63	93	863	0.231	ug/l #	55
49) 1,4-Dioxane	7.71	88	144	1.463	ug/l #	1
55) 1,1,2-Trichloroethane	9.20	97	5205	1.007	ug/l	93
59) 2-Hexanone	9.48	43	1802	0.325	ug/l	90
64) Tetrachloroethene	9.32	164	2034	0.376	ug/l #	76
68) m/p-Xylenes	10.35	106	2353	0.254	ug/l	84
76) 1,2,3-Trichloropropane	11.12	75	169342	24.178	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	169342	61.956	ug/l #	12

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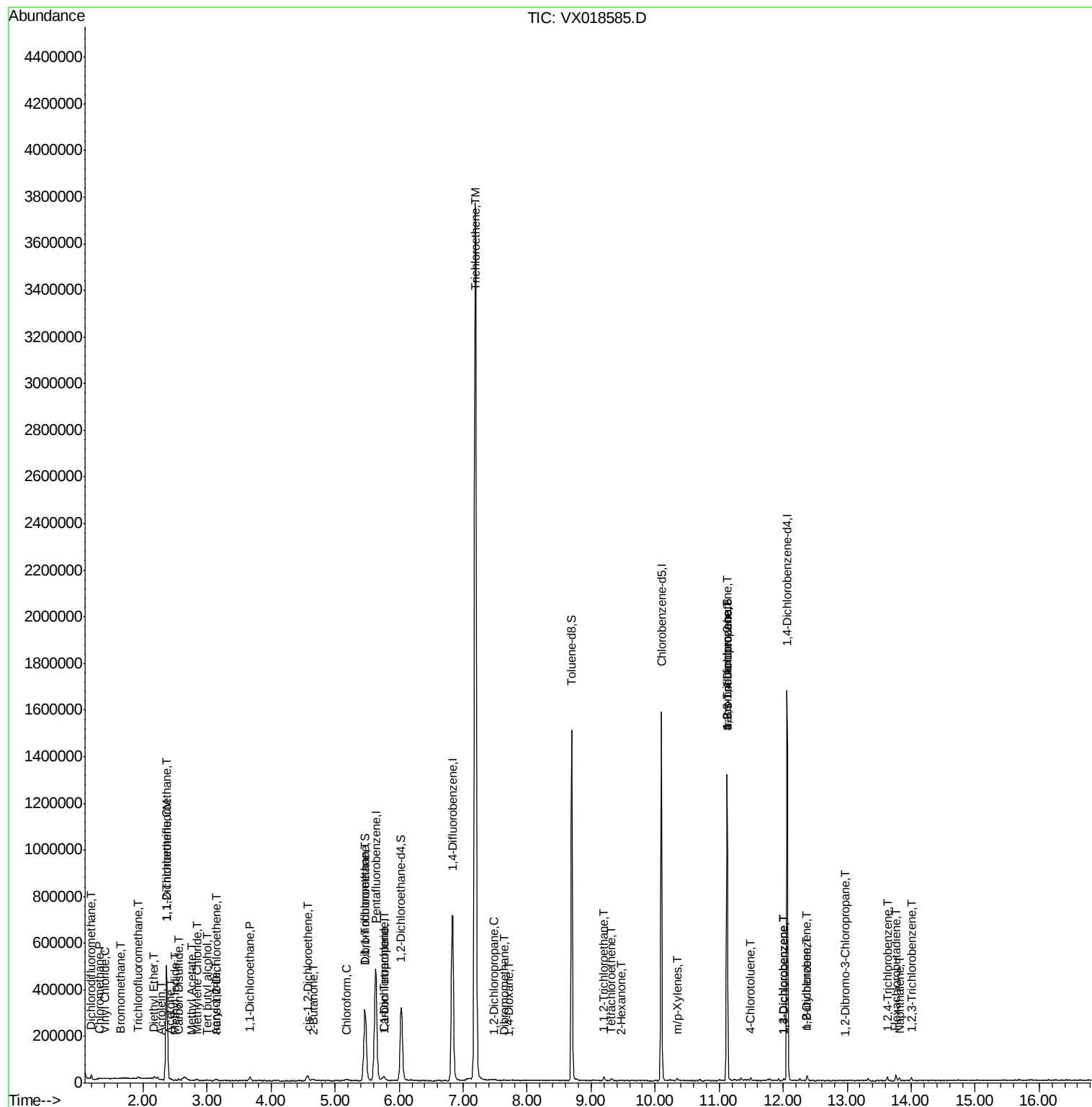
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.50	91	3919	0.209	ug/l	81
87) 1,3-Dichlorobenzene	12.01	146	3047	0.276	ug/l	88
88) 1,4-Dichlorobenzene	12.01	146	3047	0.272	ug/l	88
89) n-Butylbenzene	12.37	91	5844	0.315	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2194	0.212	ug/l	78
92) 1,2-Dibromo-3-Chloropropan	12.98	75	473	0.264	ug/l #	60
93) 1,2,4-Trichlorobenzene	13.63	180	4374	0.608	ug/l	93
94) Hexachlorobutadiene	13.76	225	3233	1.071	ug/l	88
95) Naphthalene	13.82	128	7763	0.357	ug/l #	92
96) 1,2,3-Trichlorobenzene	14.01	180	3768	0.548	ug/l	99

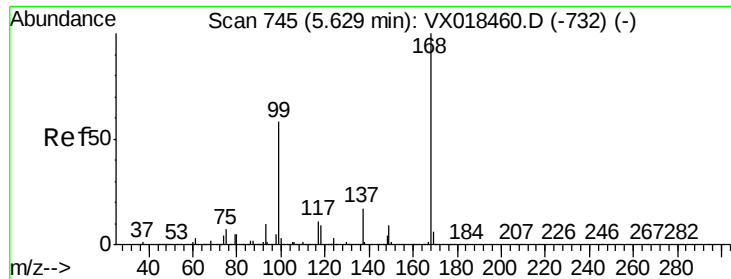
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

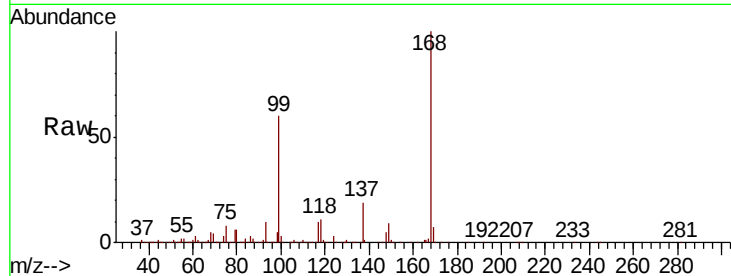
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

Tot Ion:168 Resp: 440516

Ion Ratio Lower Upper

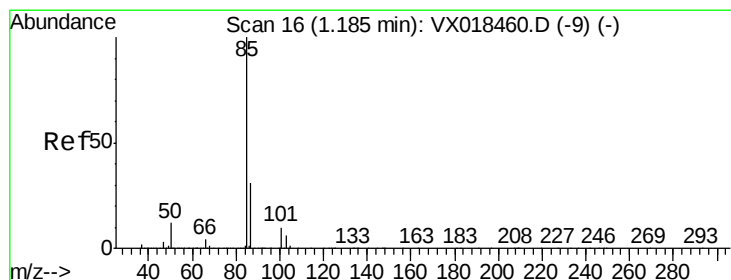
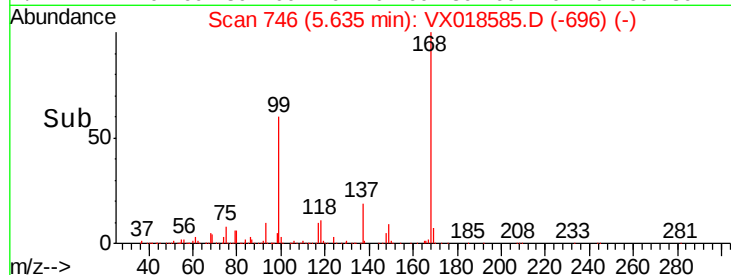
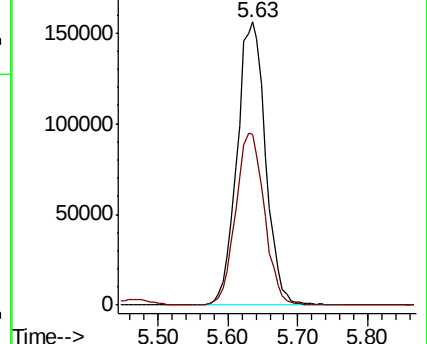
168 100

99 60.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.604 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018585.D

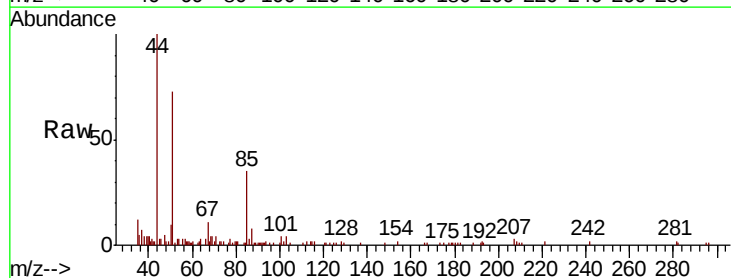
Acq: 24 Sep 2020 20:01

Tgt Ion: 85 Resp: 2522

Ion Ratio Lower Upper

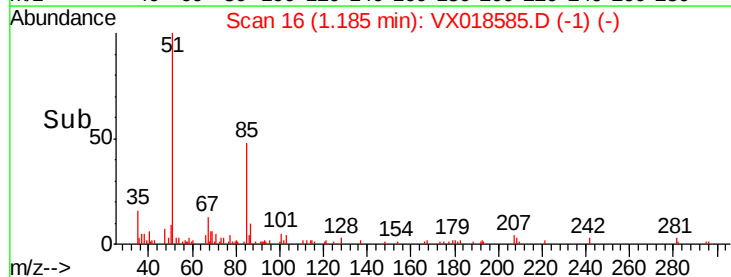
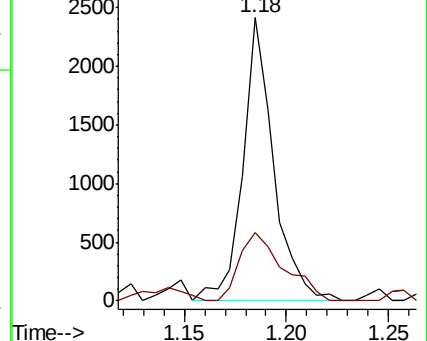
85 100

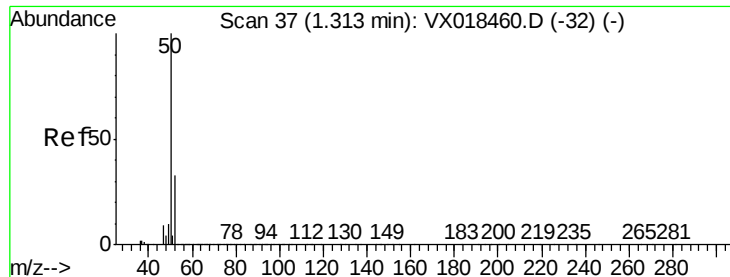
87 24.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.442 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

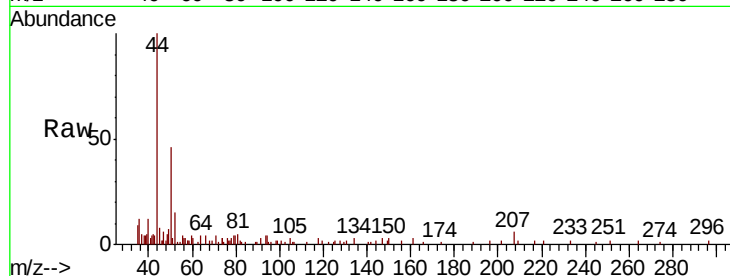
TT180D2-20200921

Tot Ion: 50 Resp: 2162

Ion Ratio Lower Upper

50 100

52 29.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2500

2000

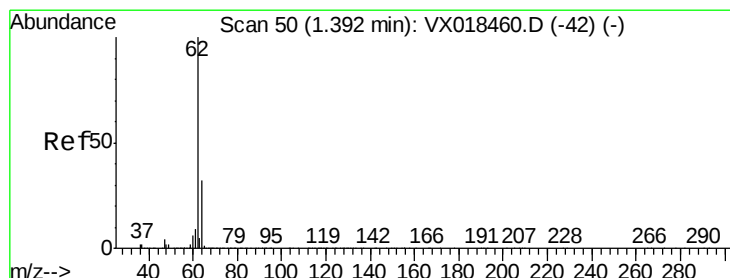
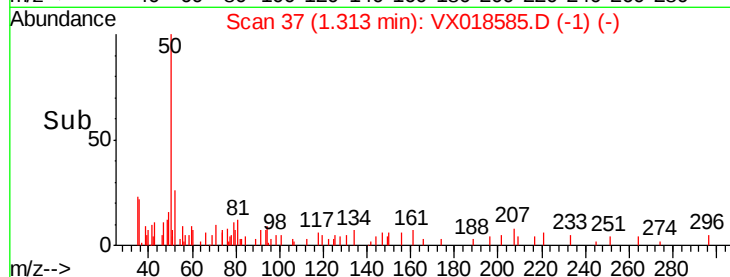
1500

1000

500

0

Time-->



#4

Vinyl Chloride

Concen: 0.216 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018585.D

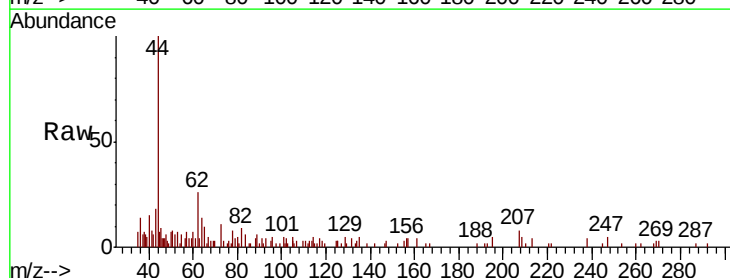
Acq: 24 Sep 2020 20:01

Tgt Ion: 62 Resp: 1116

Ion Ratio Lower Upper

62 100

64 55.3 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

800

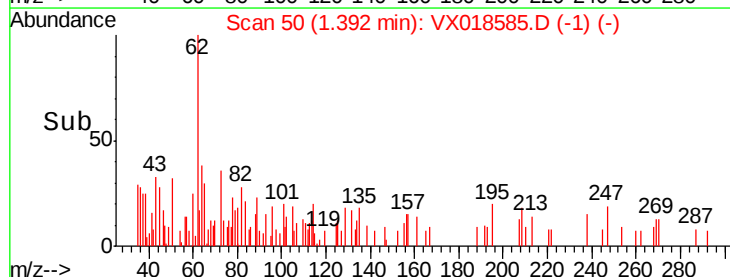
600

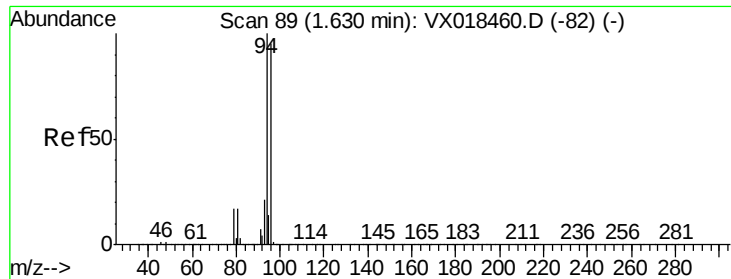
400

200

0

Time-->





#5

Bromomethane

Concen: 0.530 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

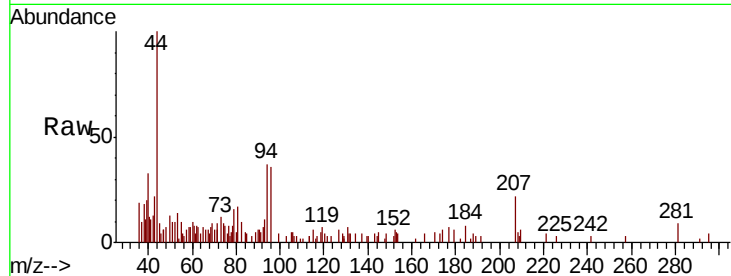
TT180D2-20200921

Tot Ion: 94 Resp: 1684

Ion Ratio Lower Upper

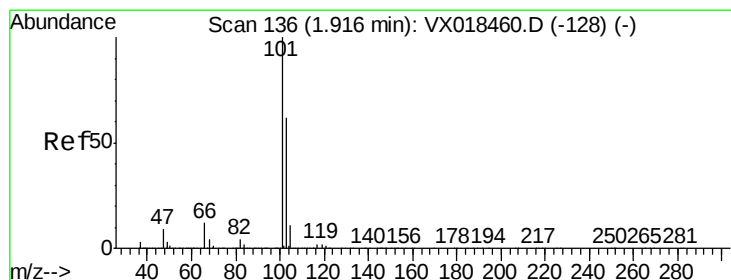
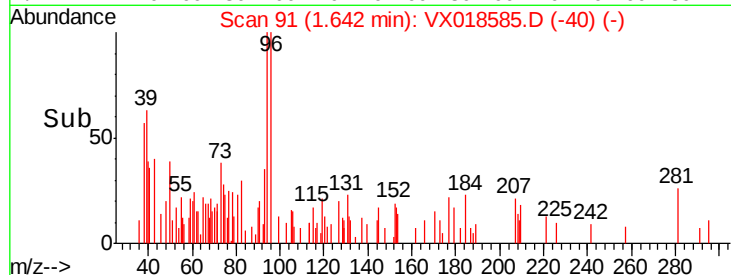
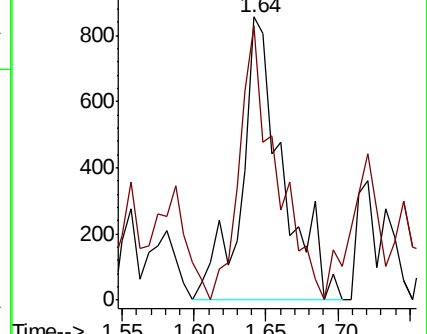
94 100

96 85.3 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#7

Trichlorofluoromethane

Concen: 0.535 ug/l

RT: 1.92 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX018585.D

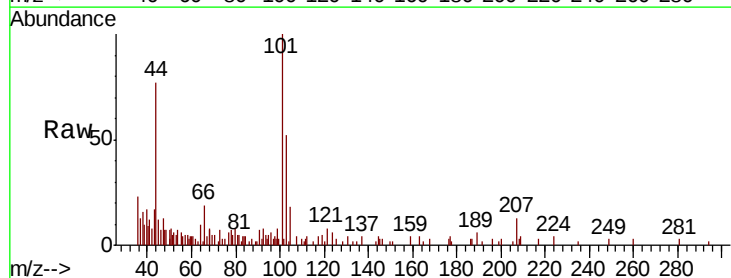
Acq: 24 Sep 2020 20:01

Tgt Ion: 101 Resp: 4209

Ion Ratio Lower Upper

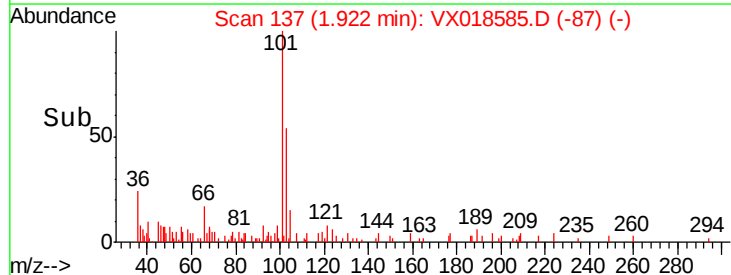
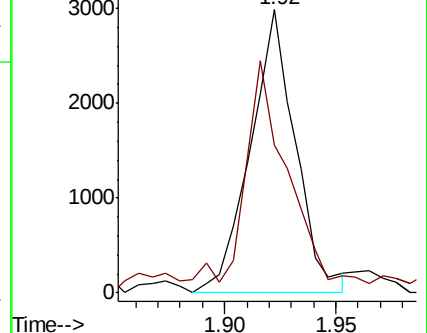
101 100

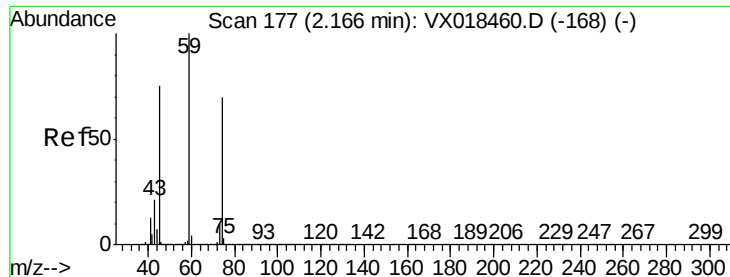
103 47.2 49.6 74.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 0.248 ug/l

RT: 2.18 min Scan# 179

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

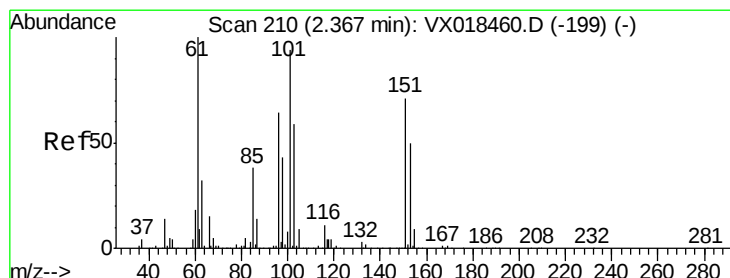
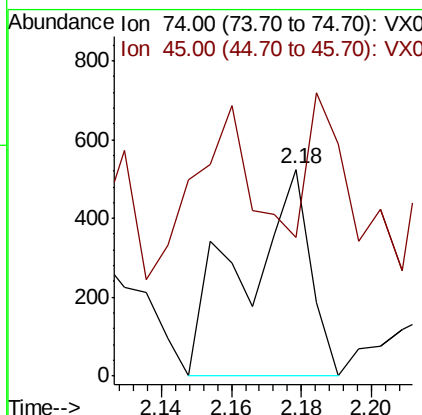
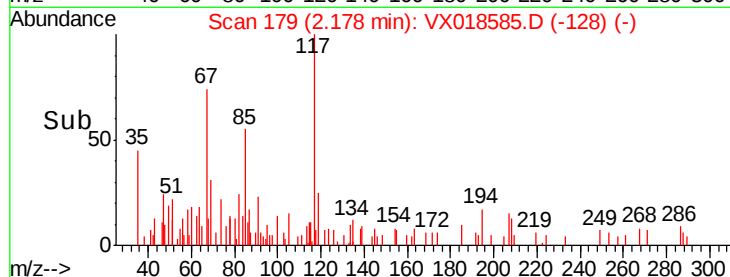
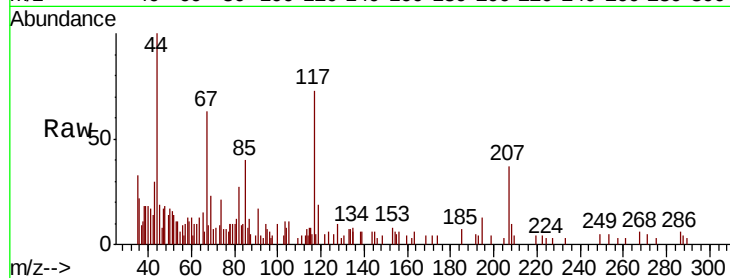
TT180D2-20200921

Tot Ion: 74 Resp: 685

Ion Ratio Lower Upper

74 100

45 65.8 50.7 152.1



#9

1,1,2-Trichlorotrifluoroethane

Concen: 29.659 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

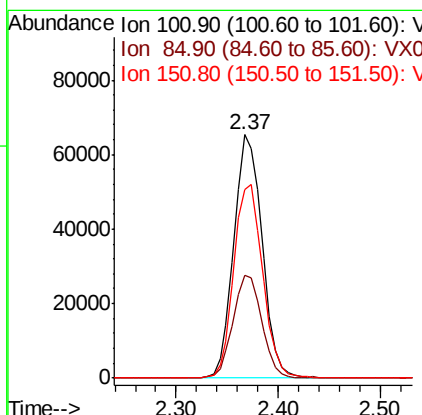
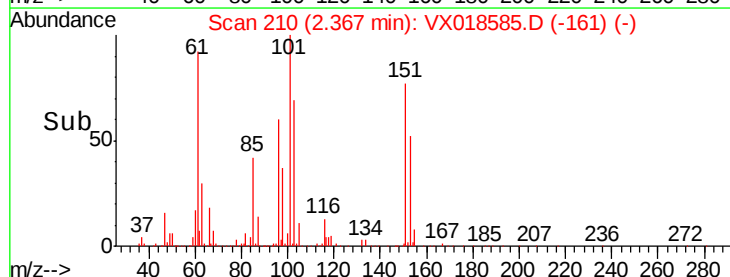
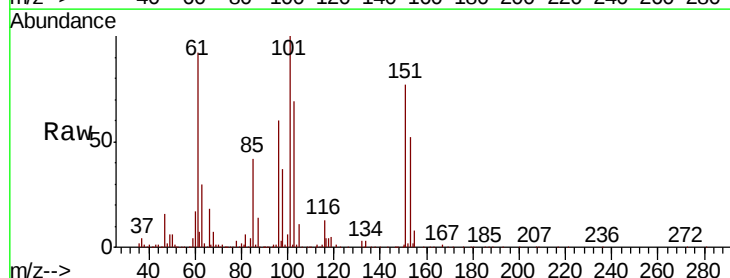
Tgt Ion: 101 Resp: 125538

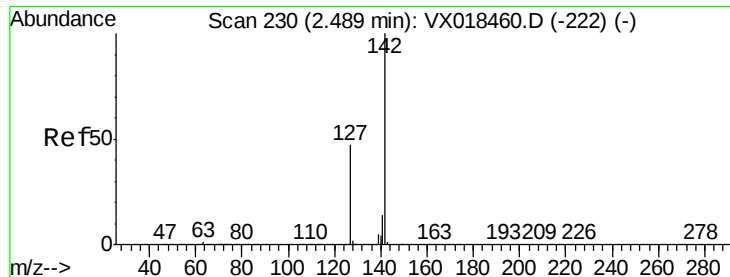
Ion Ratio Lower Upper

101 100

85 42.9 34.7 52.1

151 81.1 64.9 97.3

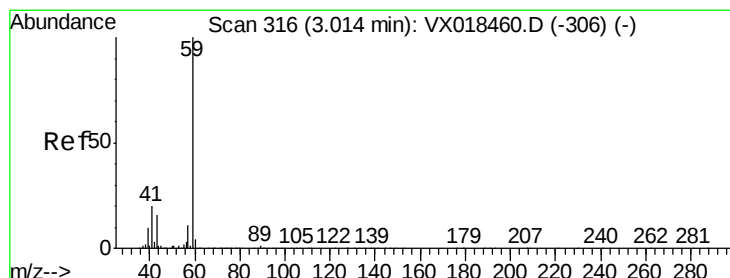
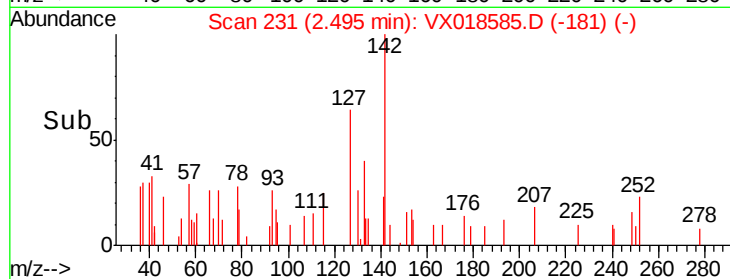
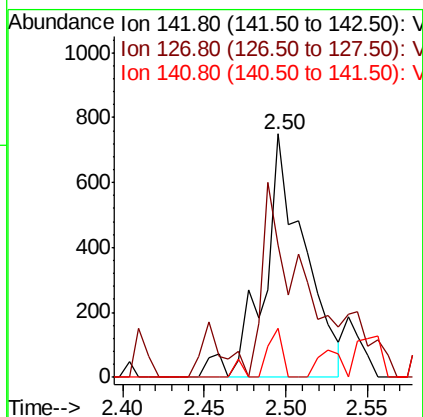
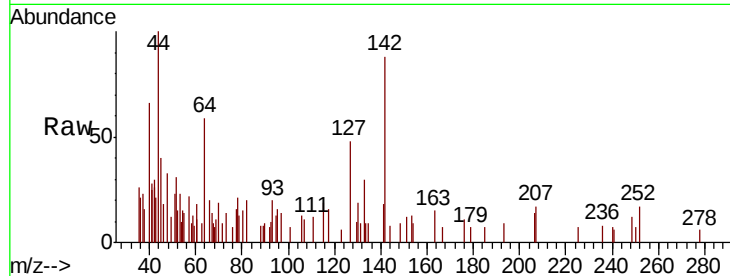




#10
Methyl Iodide
Concen: 5.136 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

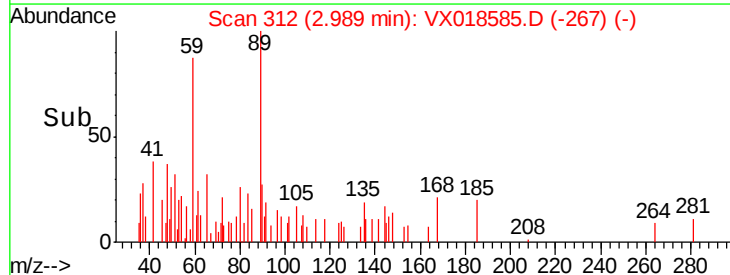
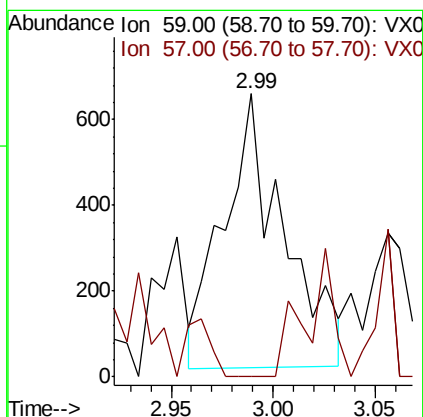
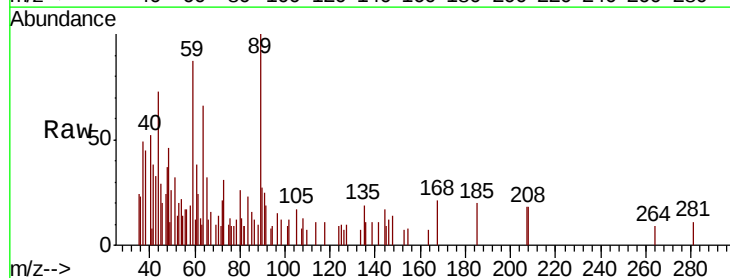
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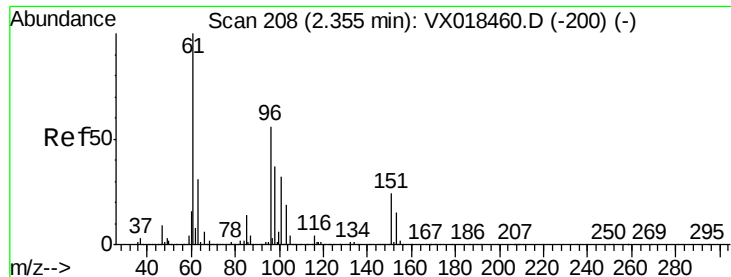
Tot Ion:142 Resp: 1290
Ion Ratio Lower Upper
142 100
127 74.4 36.0 54.0#
141 7.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 1.205 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

Tgt Ion: 59 Resp: 1307
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 17.653 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

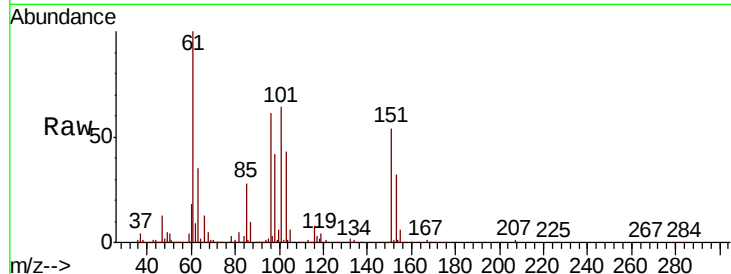
Tot Ion: 96 Resp: 75308

Ion Ratio Lower Upper

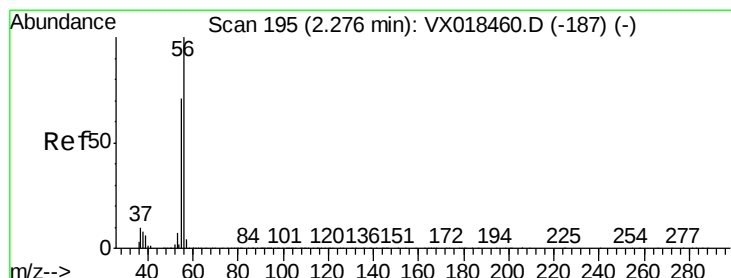
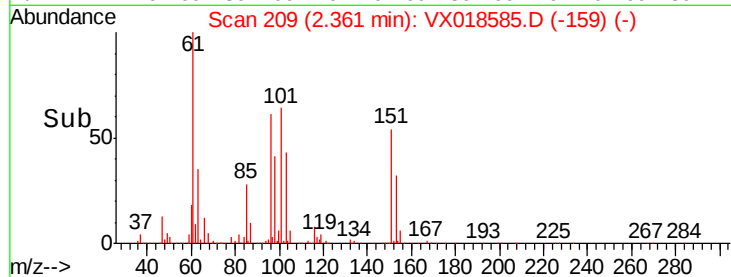
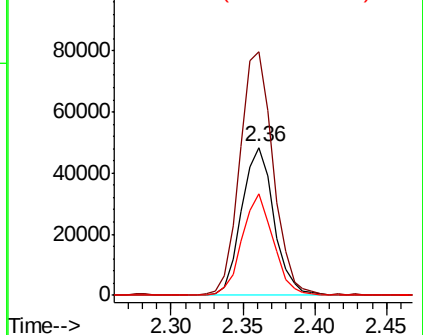
96 100

61 164.7 142.2 213.4

98 68.3 52.4 78.6



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



#13

Acrolein

Concen: 0.239 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX018585.D

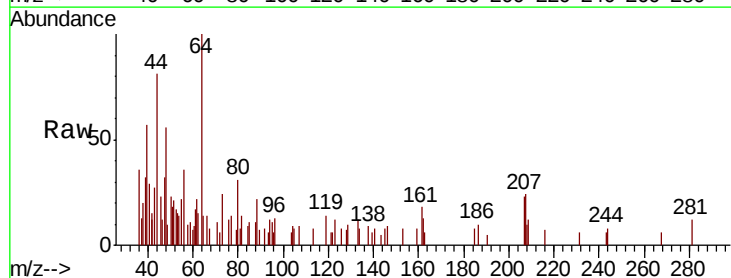
Acq: 24 Sep 2020 20:01

Tgt Ion: 56 Resp: 164

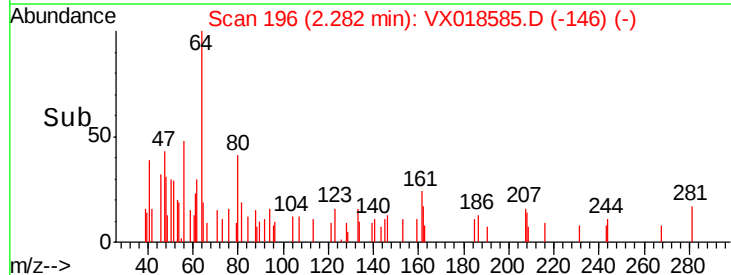
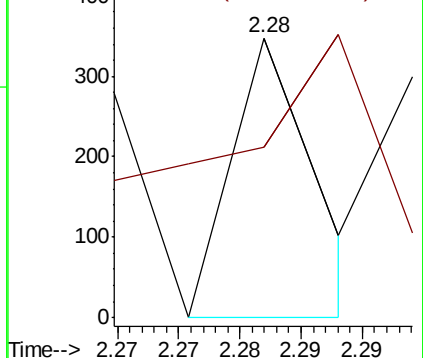
Ion Ratio Lower Upper

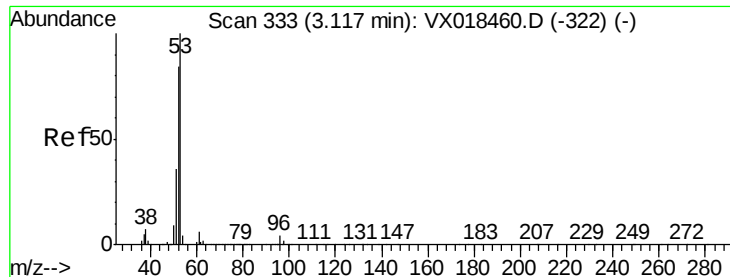
56 100

55 119.5 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.493 ug/l

RT: 3.13 min Scan# 335

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

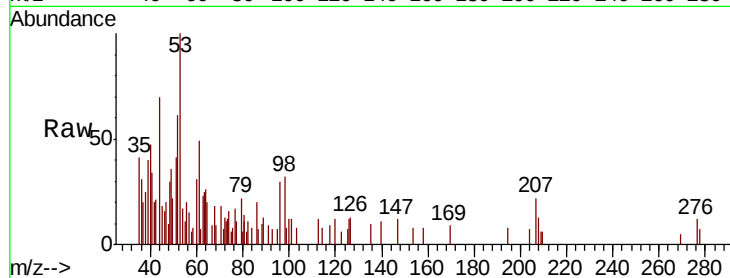
Tot Ion: 53 Resp: 1275

Ion Ratio Lower Upper

53 100

52 130.4 65.8 98.8#

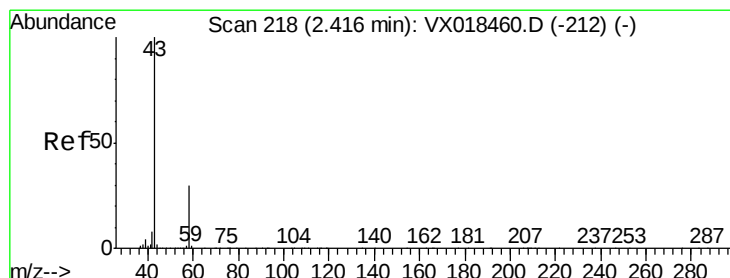
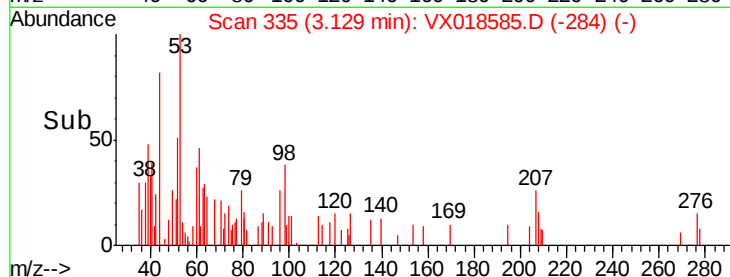
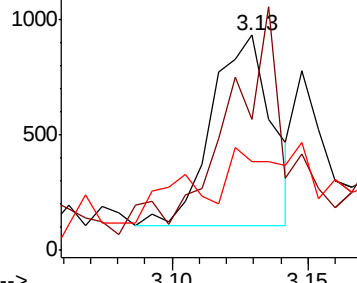
51 92.8 29.2 43.8#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 2.548 ug/l

RT: 2.43 min Scan# 221

Delta R.T. 0.02 min

Lab File: VX018585.D

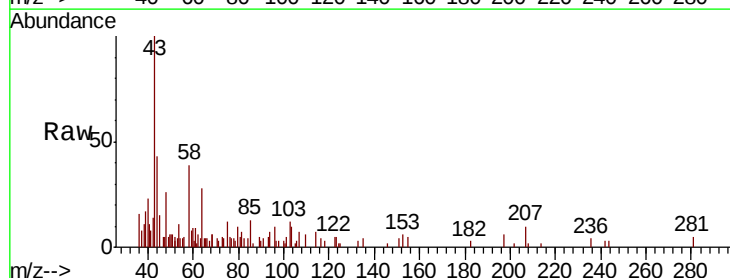
Acq: 24 Sep 2020 20:01

Tgt Ion: 43 Resp: 6073

Ion Ratio Lower Upper

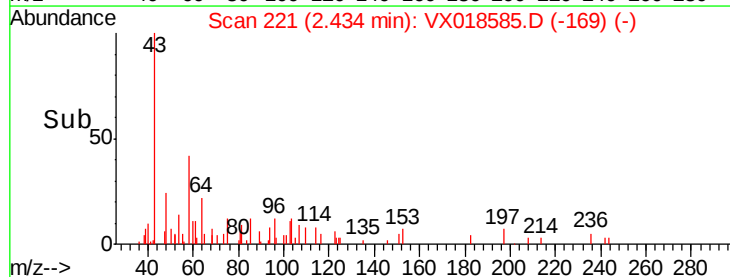
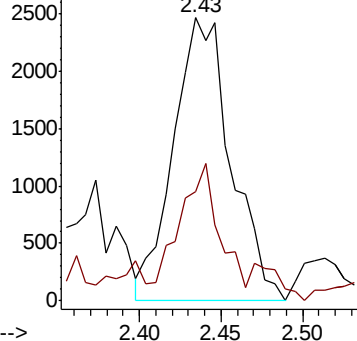
43 100

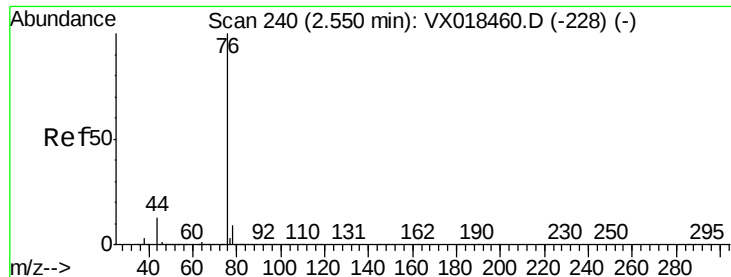
58 34.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.596 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

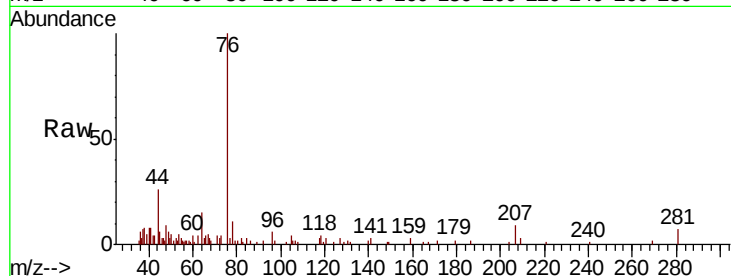
TT180D2-20200921

Tot Ion: 76 Resp: 7599

Ion Ratio Lower Upper

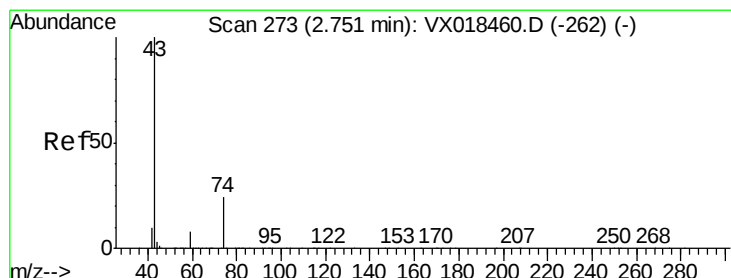
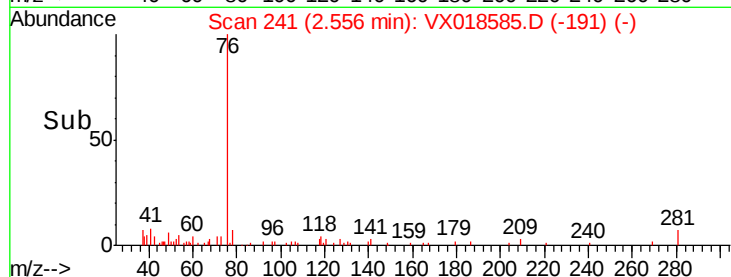
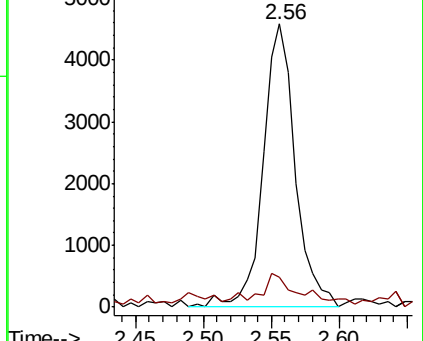
76 100

78 5.7 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.212 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018585.D

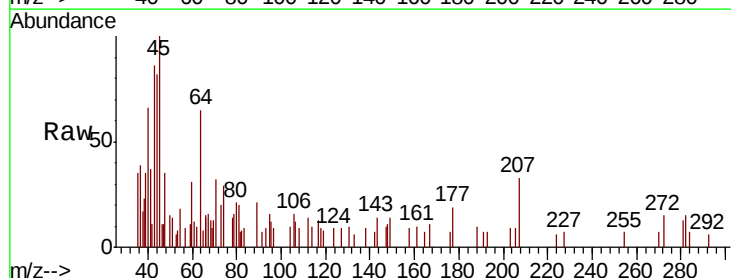
Acq: 24 Sep 2020 20:01

Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

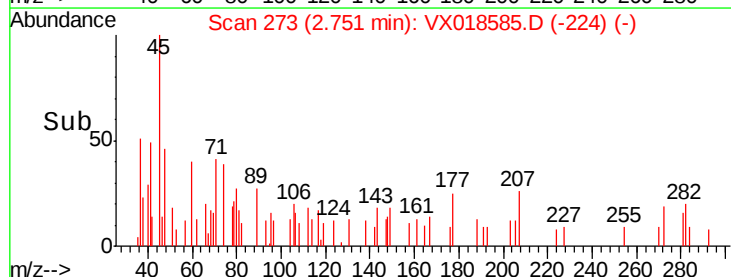
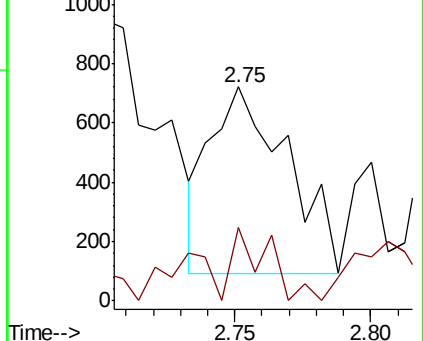
43 100

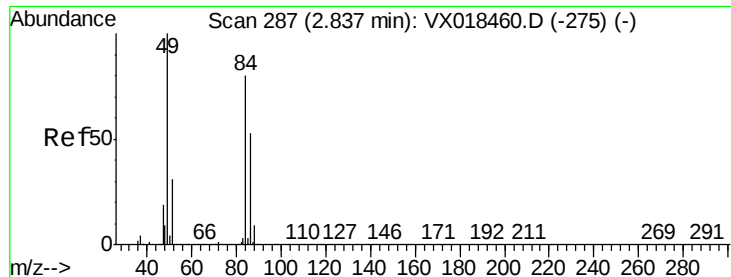
74 18.2 18.3 27.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

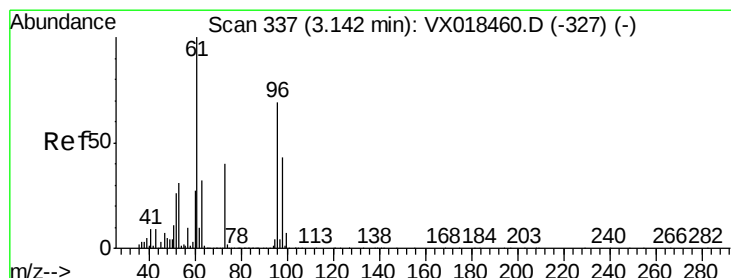
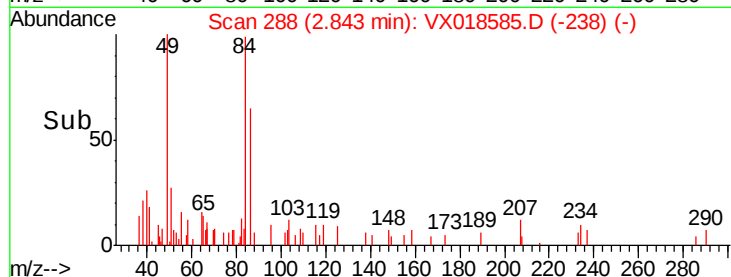
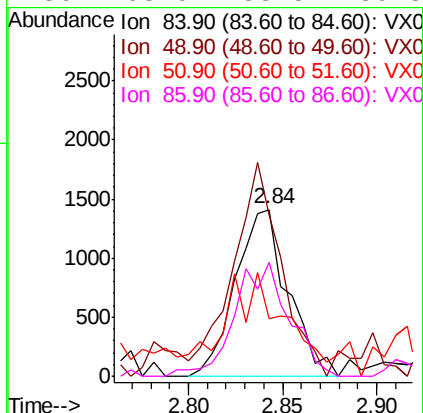
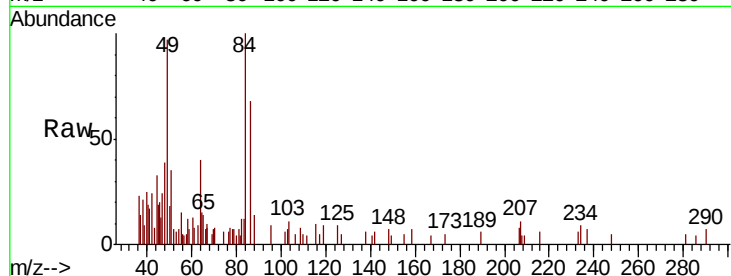




#20
Methvlene Chloride
Concen: 0.518 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

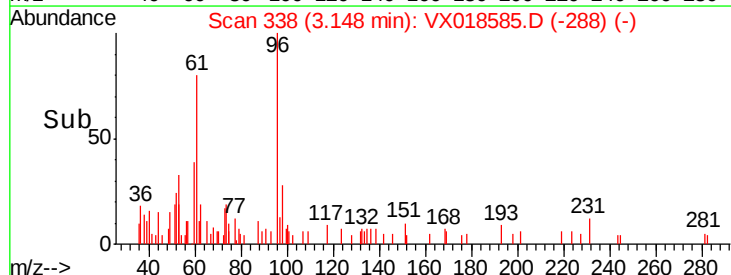
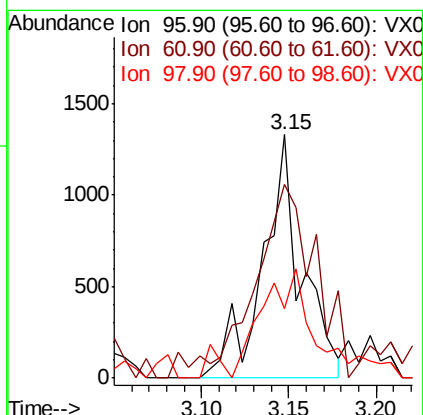
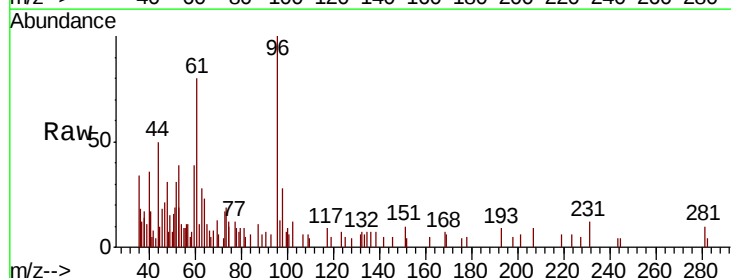
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

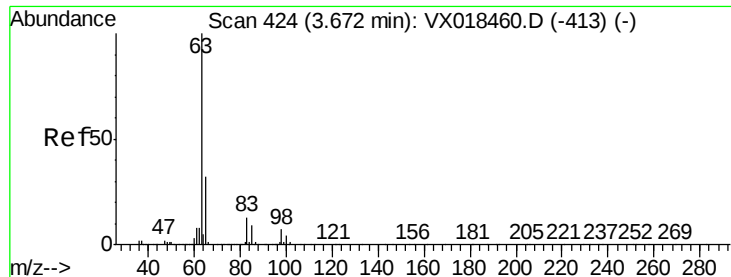
Tot Ion:	84	Resp:	2726
Ion	Ratio	Lower	Upper
84	100		
49	81.3	100.6	151.0#
51	21.6	30.9	46.3#
86	68.0	53.5	80.3



#21
trans-1,2-Dichloroethene
Concen: 0.413 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

Tgt Ion:	96	Resp:	2047
Ion	Ratio	Lower	Upper
96	100		
61	75.2	115.6	173.4#
98	28.5	50.2	75.4#





#24

1,1-Dichloroethane

Concen: 1.768 ug/l

RT: 3.67 min Scan# 424

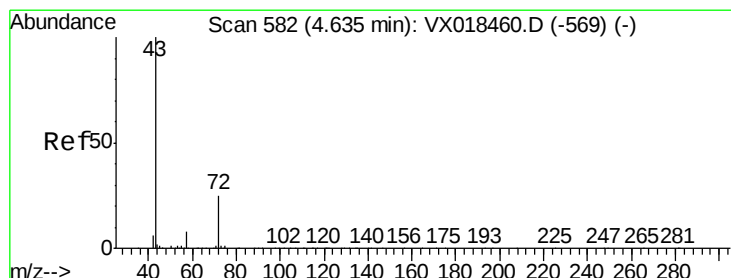
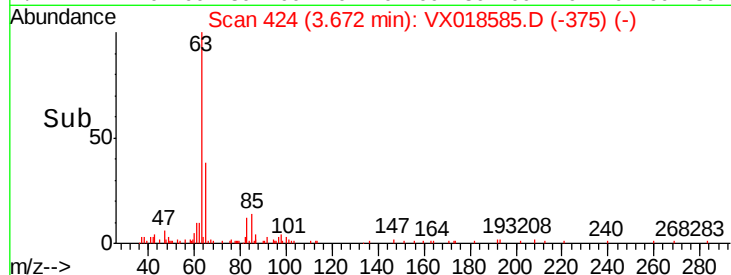
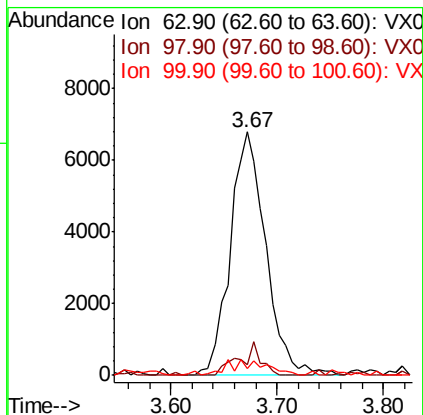
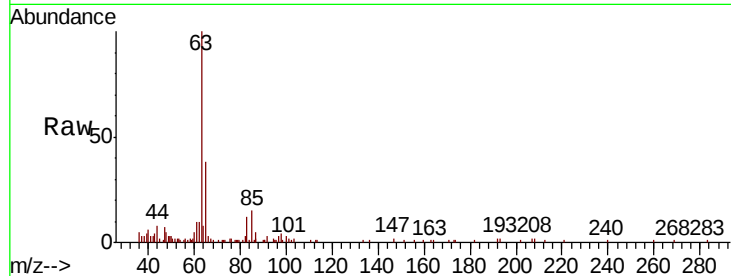
Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

Tot Ion:	63	Resp:	15847
Ion	Ratio	Lower	Upper
63	100		
98	5.2	3.5	10.6
100	2.1	1.9	5.7



#25

2-Butanone

Concen: 0.351 ug/l

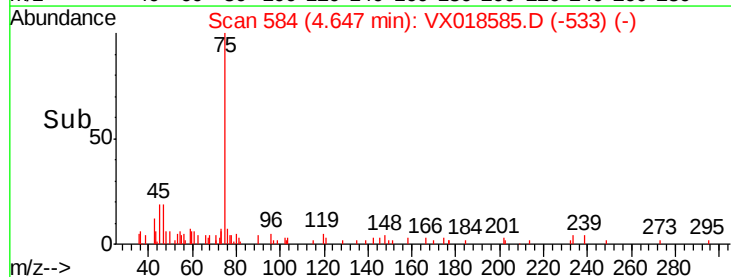
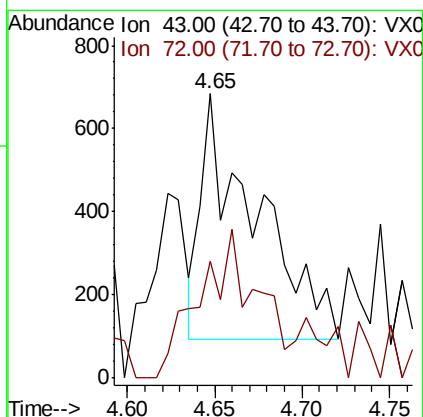
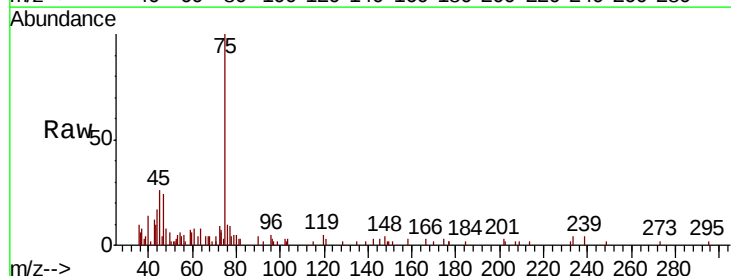
RT: 4.65 min Scan# 584

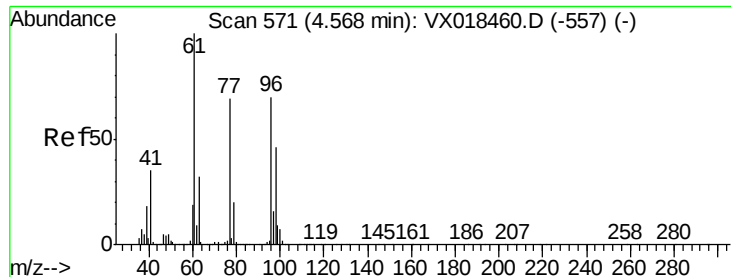
Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Tgt Ion:	43	Resp:	1301
Ion	Ratio	Lower	Upper
43	100		
72	35.5	20.2	30.4#



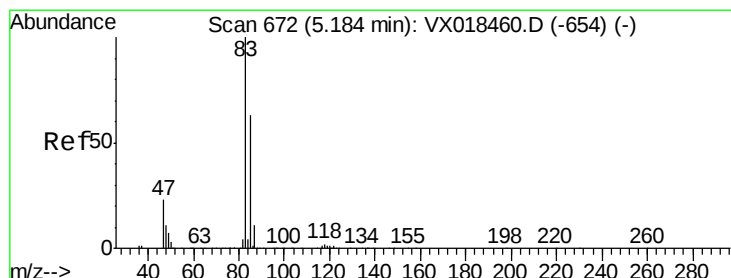
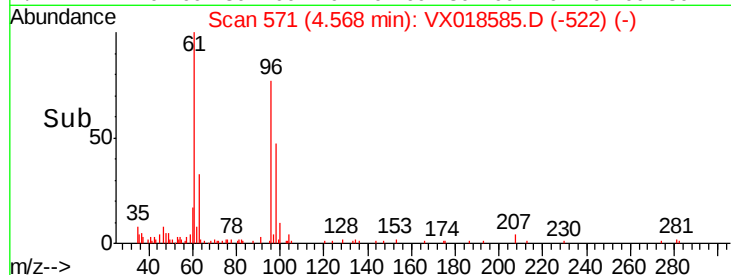
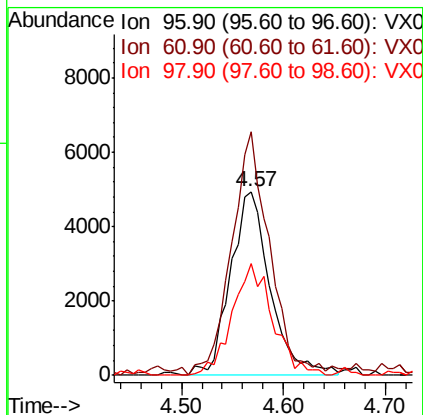
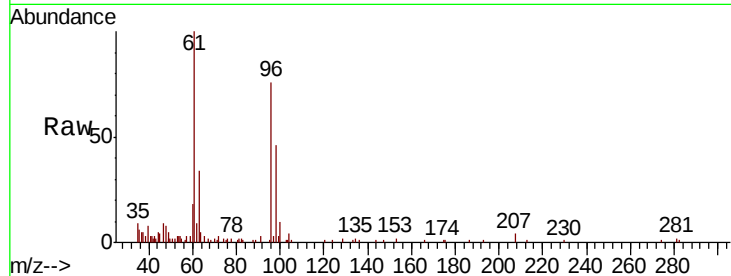


#27

cis-1,2-Dichloroethene
 Concen: 2.409 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921

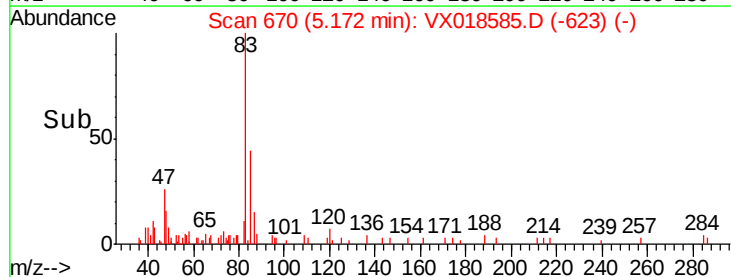
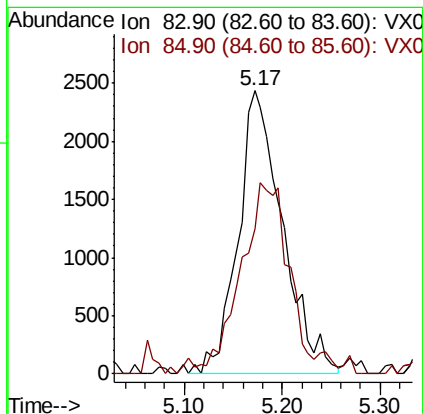
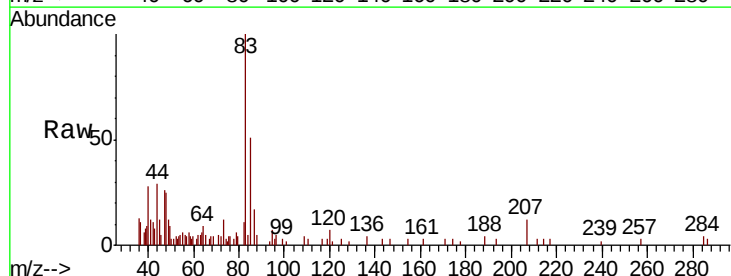
Tot Ion	96	Resp	13387
Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	300.0
98	62.2	0.0	130.4

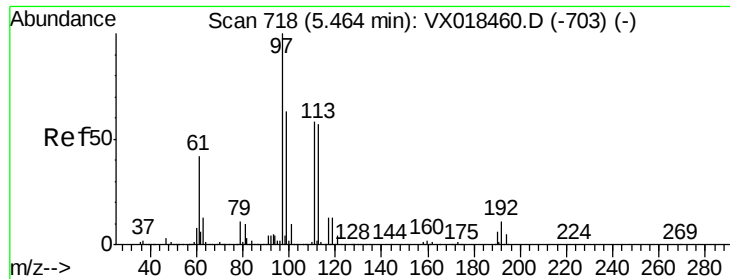


#30

Chloroform
 Concen: 0.844 ug/l
 RT: 5.17 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Tgt Ion	83	Resp	7676
Ion	Ratio	Lower	Upper
83	100		
85	48.9	50.6	76.0#





#32

1,1,1-Trichloroethane

Concen: 2.037 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

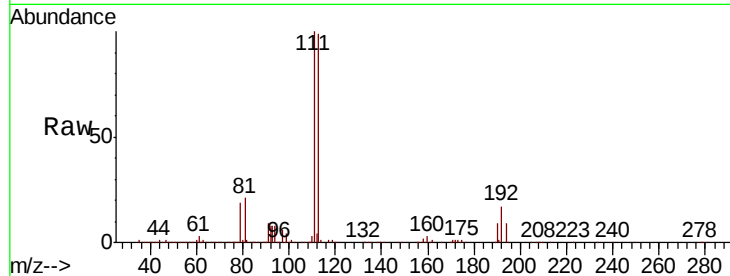
Tot Ion: 97 Resp: 17375

Ion Ratio Lower Upper

97 100

99 64.5 50.5 75.7

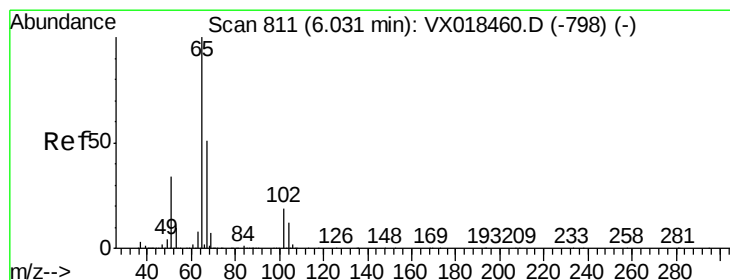
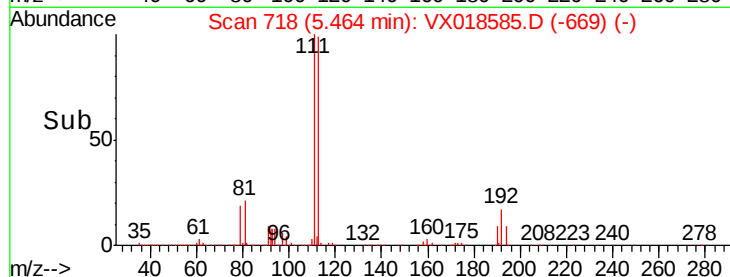
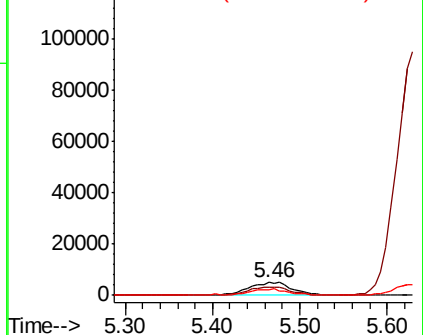
61 44.9 33.4 50.2



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.741 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018585.D

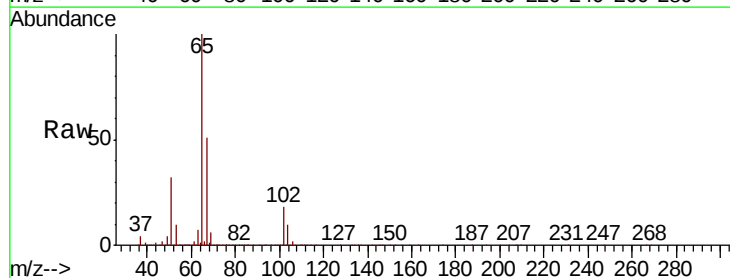
Acq: 24 Sep 2020 20:01

Tgt Ion: 65 Resp: 322436

Ion Ratio Lower Upper

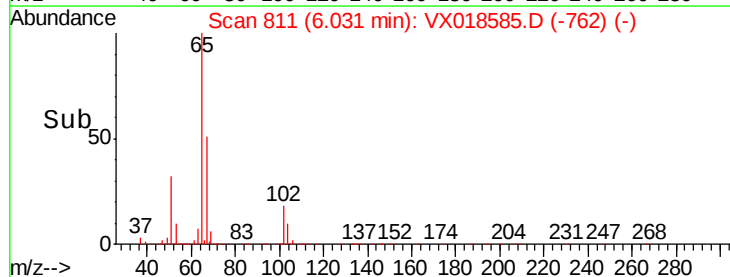
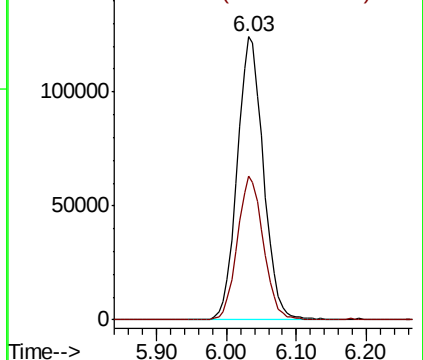
65 100

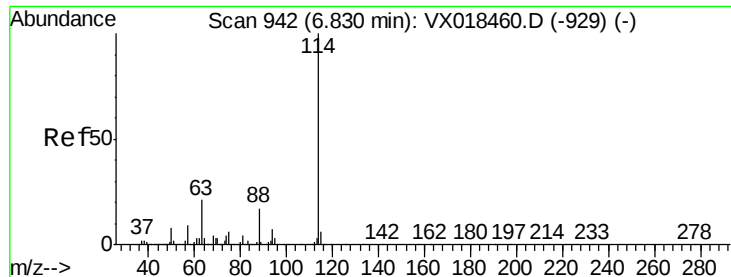
67 50.7 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

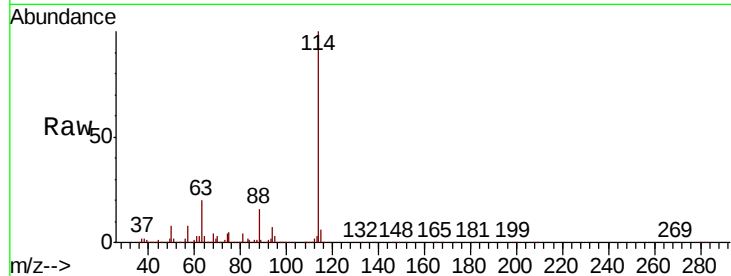
Tot Ion:114 Resp: 711474

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.8

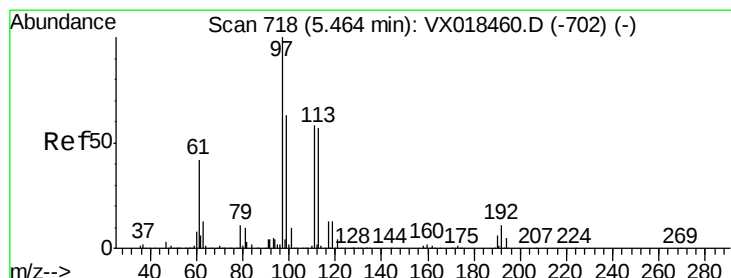
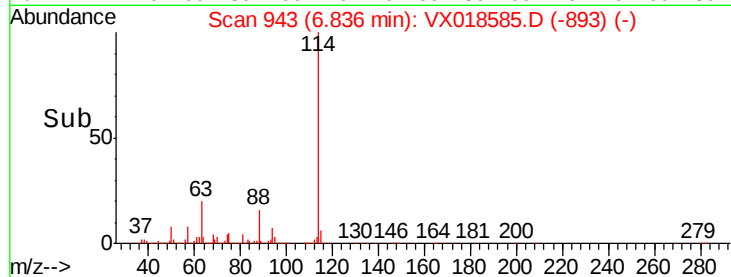
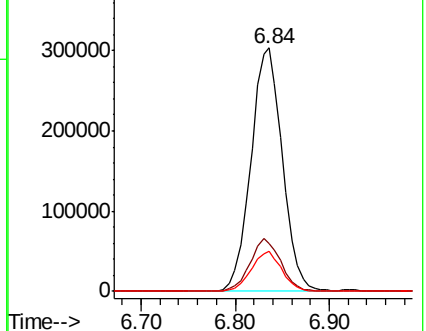
88 16.3 0.0 33.6



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: 50.863 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

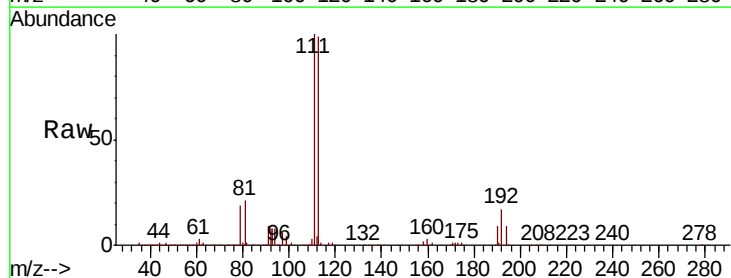
Tgt Ion:113 Resp: 250171

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.2

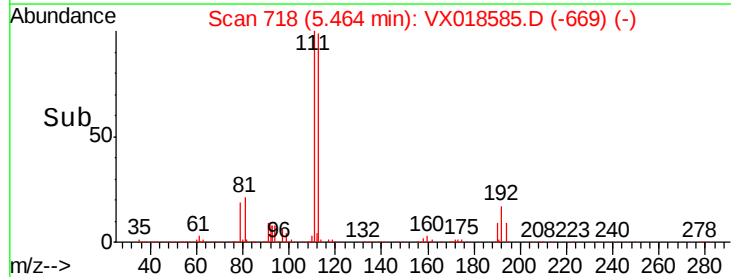
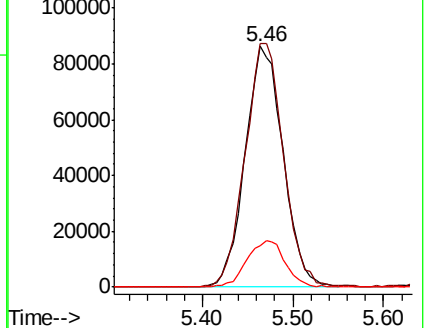
192 19.5 16.6 24.8

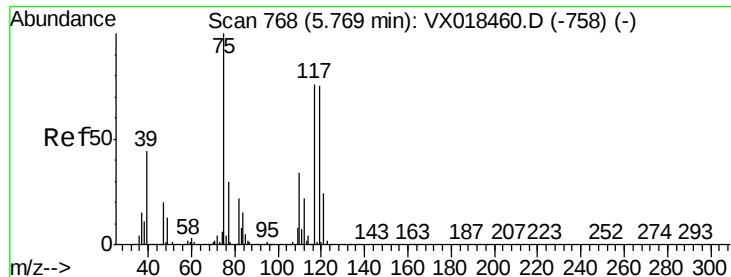


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

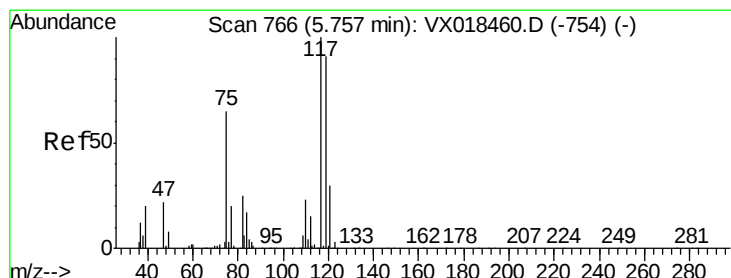
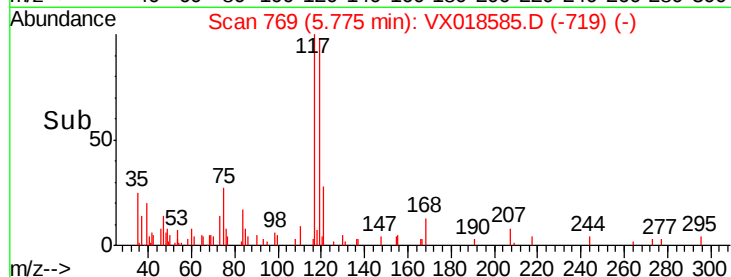
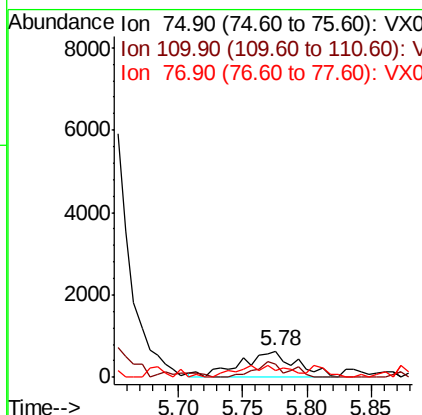
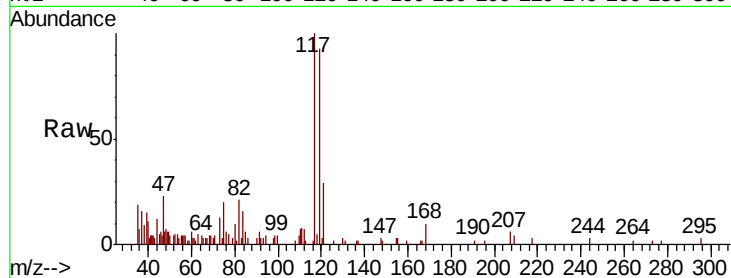




#36
 1,1-Dichloropropene
 Concen: 0.277 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

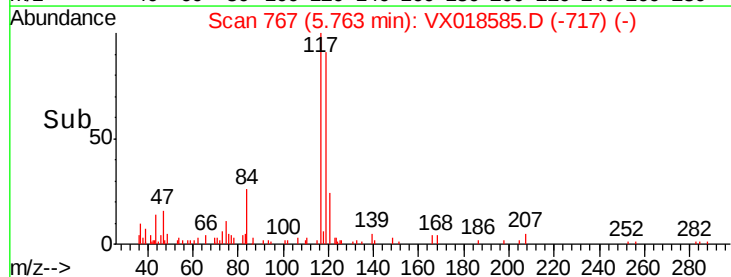
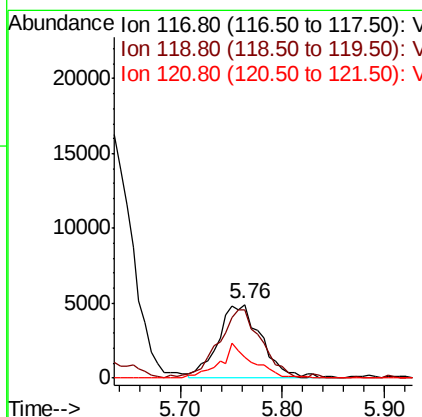
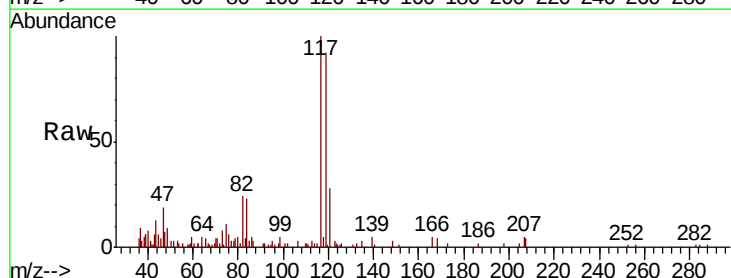
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921

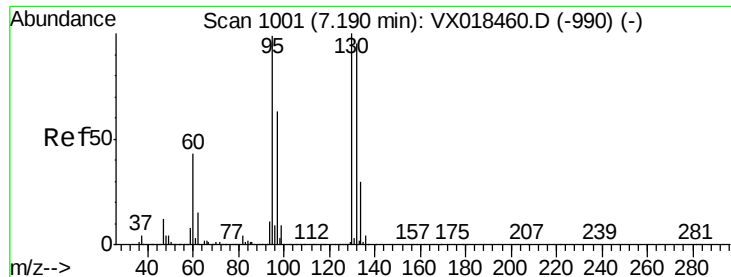
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.6	52.8
77	19.9	25.0	37.6



#38
 Carbon Tetrachloride
 Concen: 1.886 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	72.3	108.5
121	26.6	23.8	35.8





#44

Trichloroethene

Concen: 248.608 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

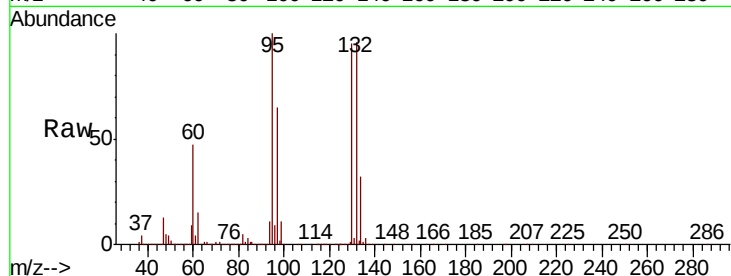
TT180D2-20200921

Tot Ion:130 Resp: 1424294

Ion Ratio Lower Upper

130 100

95 105.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

800000

600000

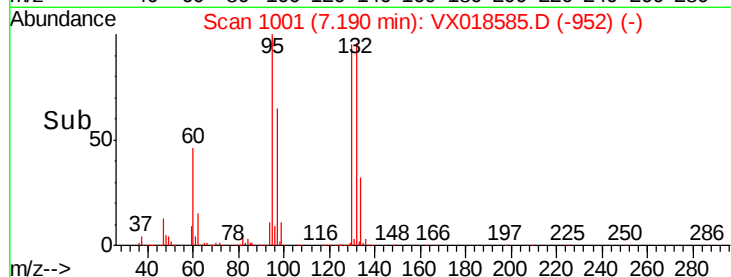
400000

200000

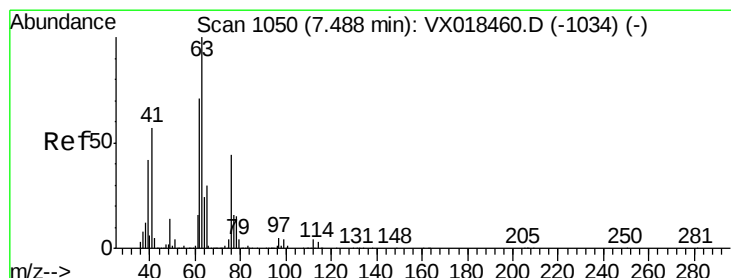
0

7.19

7.00 7.10 7.20 7.30 7.40



Time-->



#45

1,2-Dichloropropane

Concen: 0.282 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018585.D

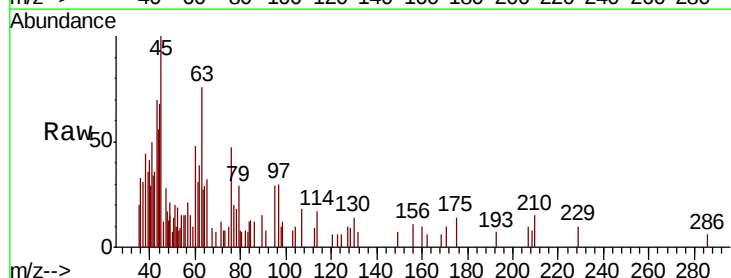
Acq: 24 Sep 2020 20:01

Tgt Ion: 63 Resp: 1531

Ion Ratio Lower Upper

63 100

65 33.3 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

600

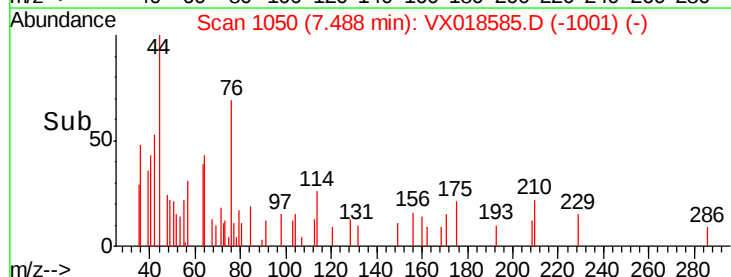
400

200

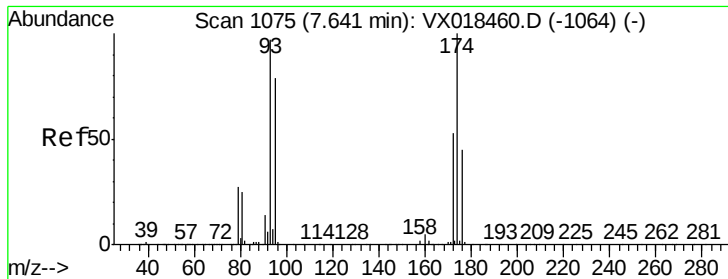
0

7.49

7.40 7.45 7.50 7.55



Time-->



#46

Dibromomethane

Concen: 0.231 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

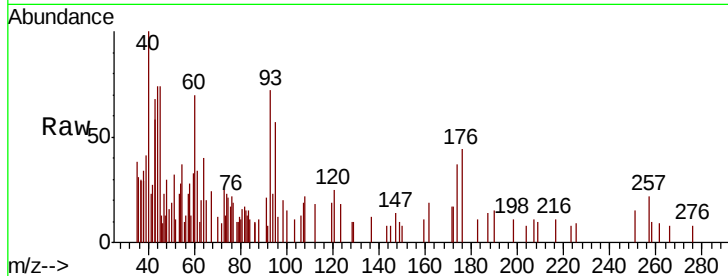
Tot Ion: 93 Resp: 863

Ion Ratio Lower Upper

93 100

95 67.6 65.0 97.4

174 32.7 82.0 123.0#



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

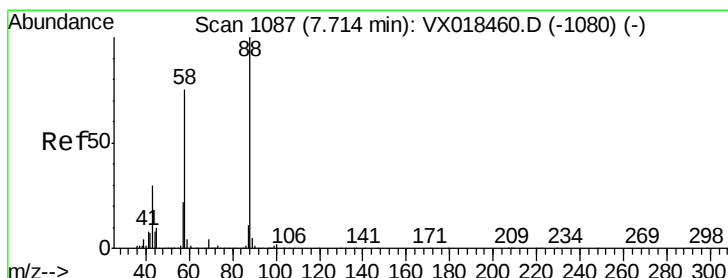
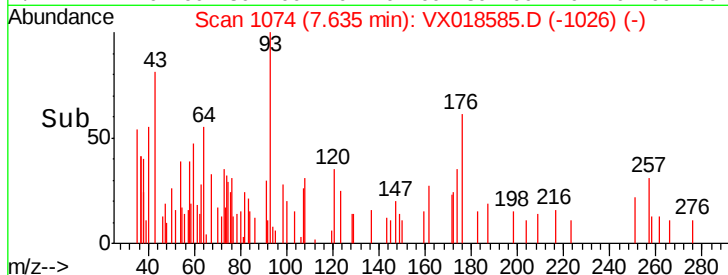
Ion 173.70 (173.40 to 174.40): V

7.63

7.65

7.70

Time-->



#49

1,4-Dioxane

Concen: 1.463 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

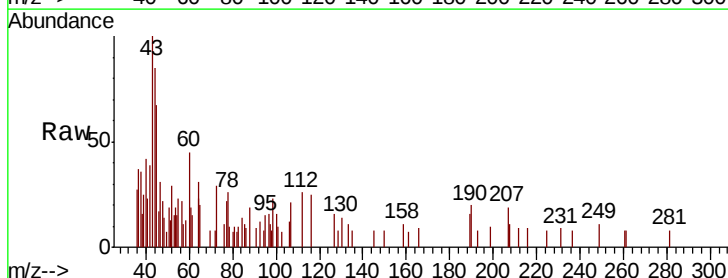
Tgt Ion: 88 Resp: 144

Ion Ratio Lower Upper

88 100

43 159.0 29.9 44.9#

58 0.0 59.0 88.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

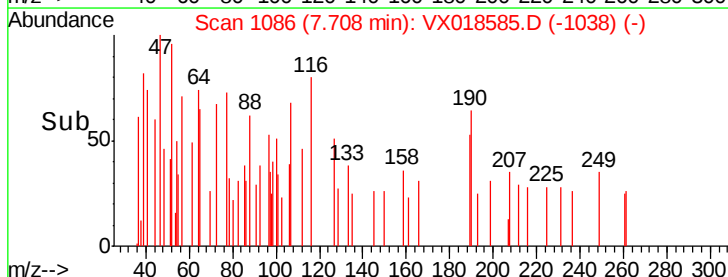
Ion 43.00 (42.70 to 43.70): VX0

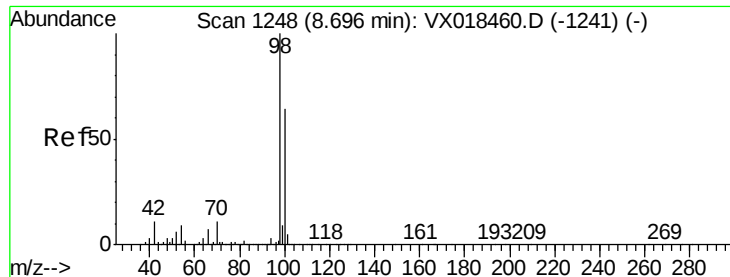
Ion 58.00 (57.70 to 58.70): VX0

7.71

7.72

Time-->





#50

Toluene-d8

Concen: 49.165 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

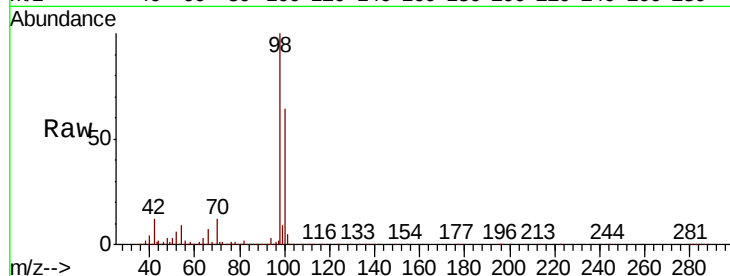
TT180D2-20200921

Tot Ion: 98 Resp: 878615

Ion Ratio Lower Upper

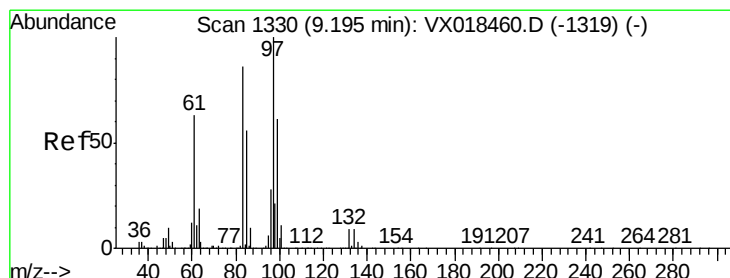
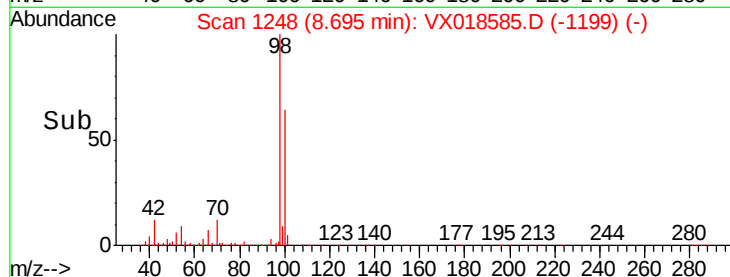
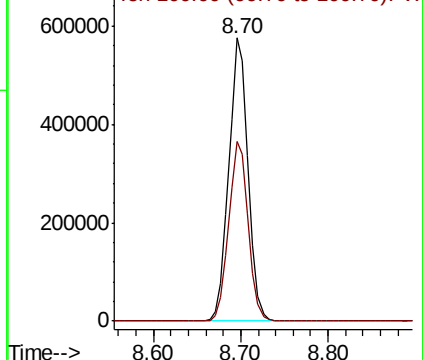
98 100

100 64.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 1.007 ug/l

RT: 9.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Tgt Ion: 97 Resp: 5205

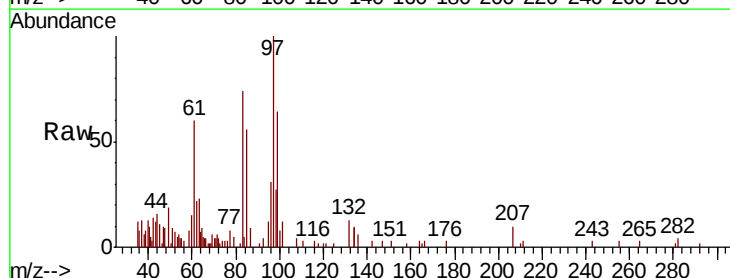
Ion Ratio Lower Upper

97 100

83 73.8 68.5 102.7

85 51.8 44.8 67.2

99 62.2 48.9 73.3

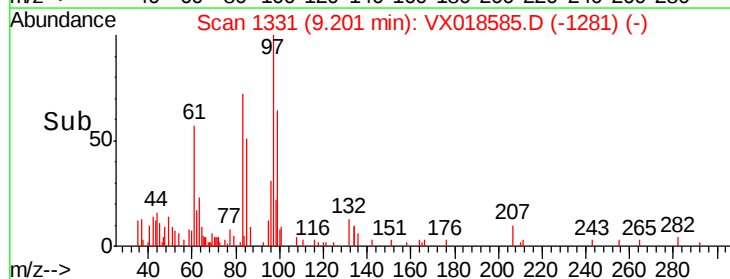
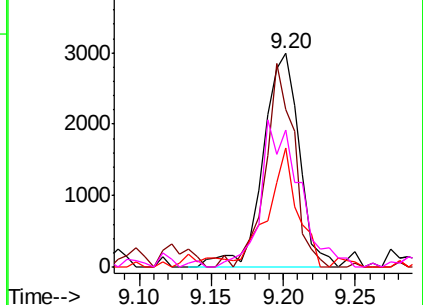


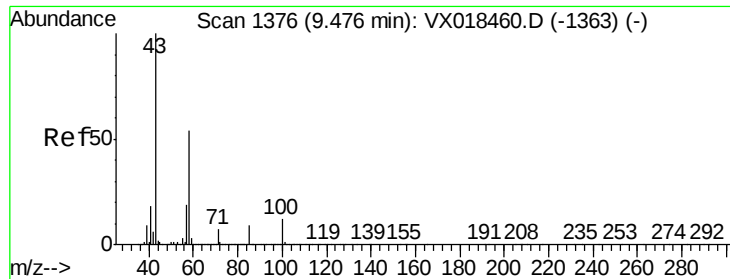
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

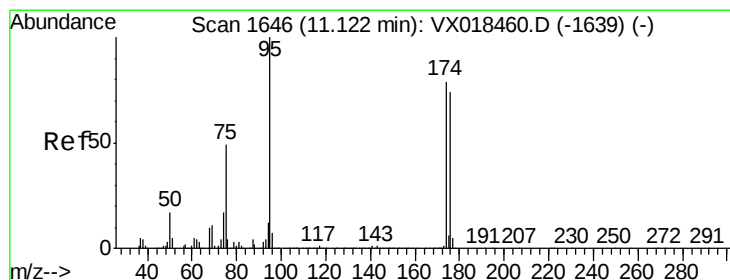
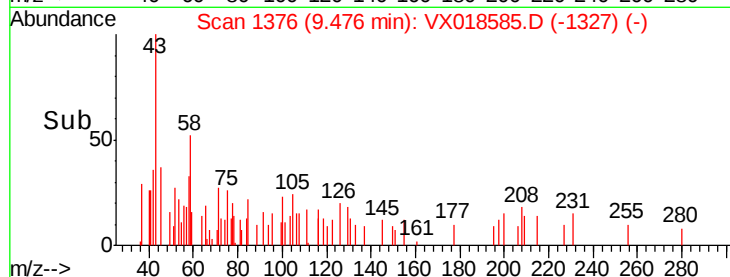
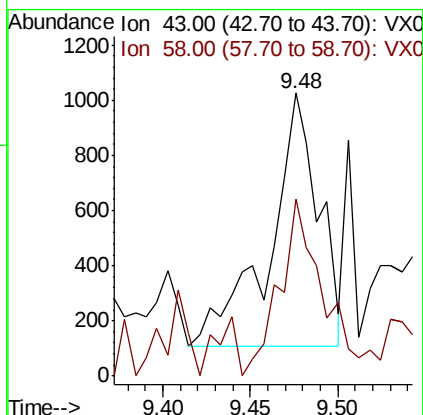
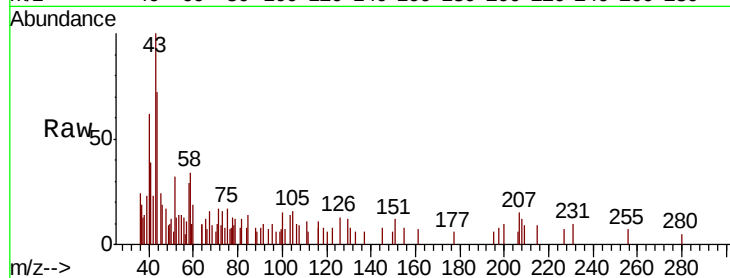




#59
2-Hexanone
Concen: 0.325 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

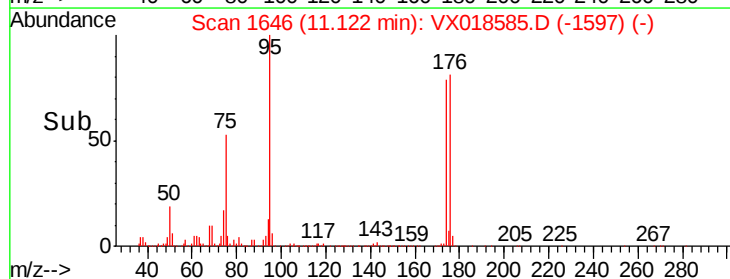
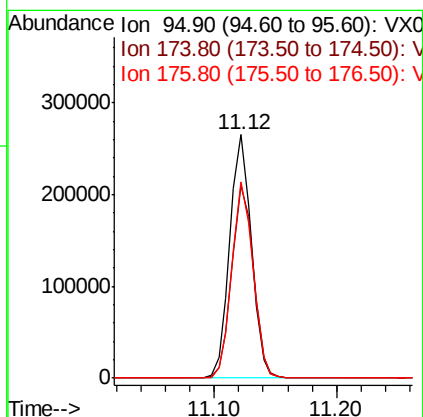
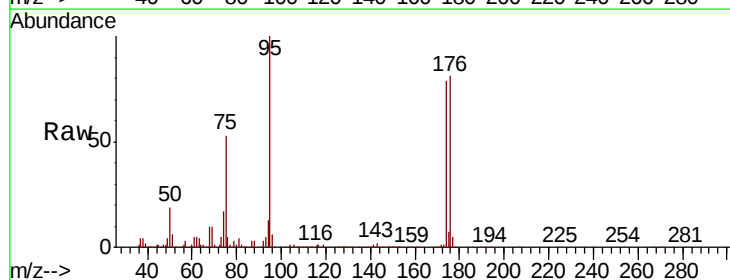
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

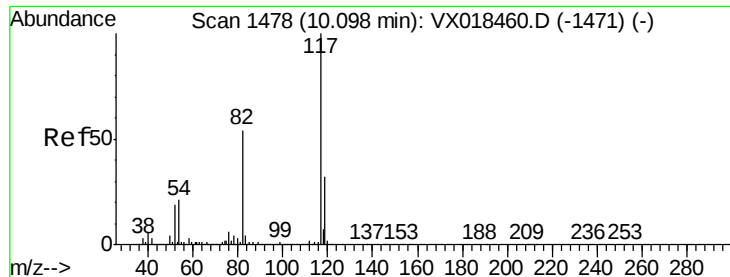
Tot Ion: 43 Resp: 1802
Ion Ratio Lower Upper
43 100
58 60.3 26.5 79.4



#62
4-Bromofluorobenzene
Concen: 45.488 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

Tgt Ion: 95 Resp: 323355
Ion Ratio Lower Upper
95 100
174 79.9 0.0 161.4
176 79.1 0.0 151.4

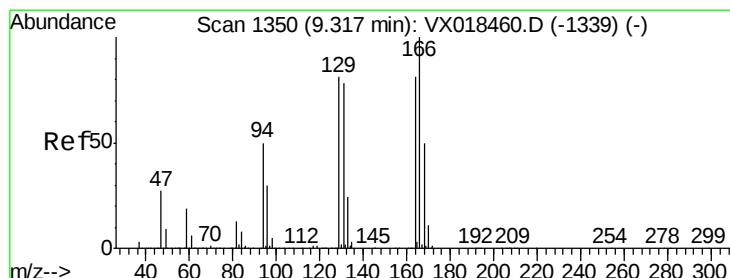
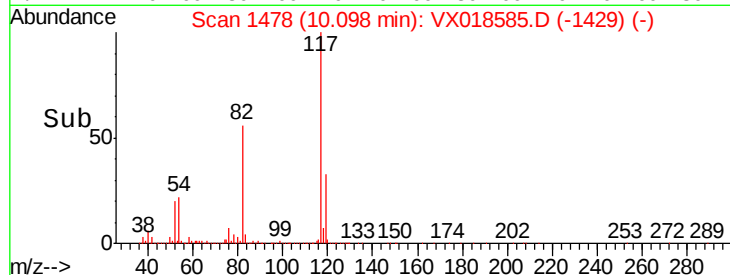
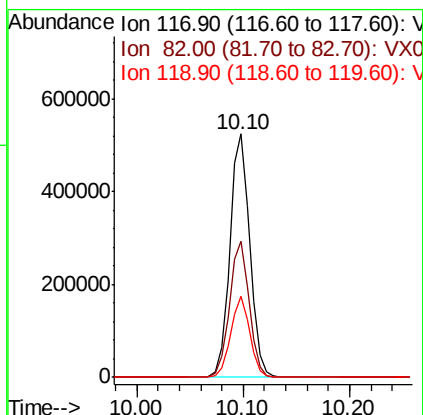
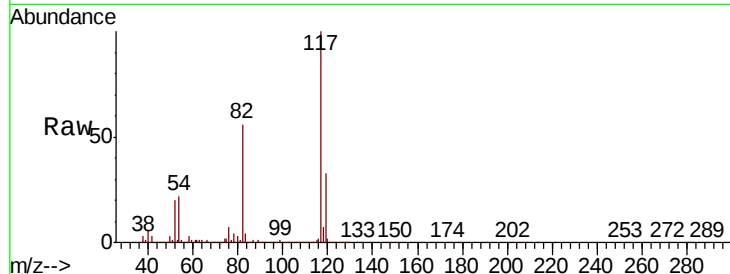




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

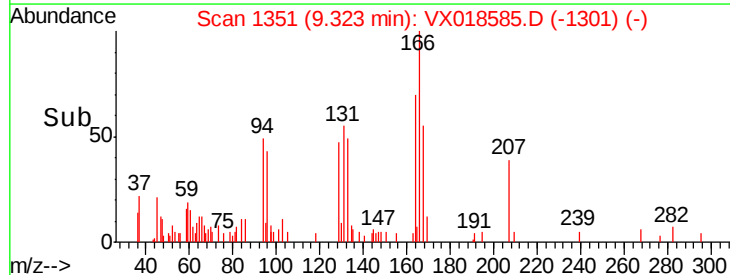
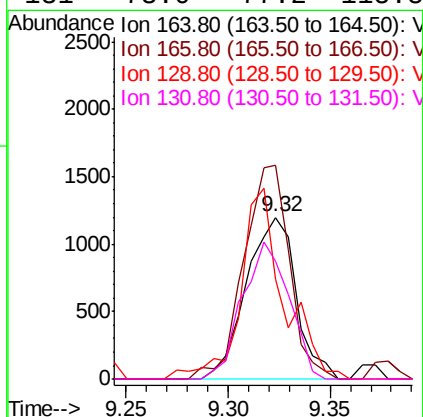
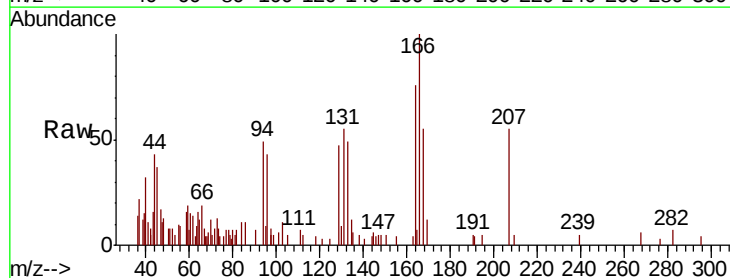
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

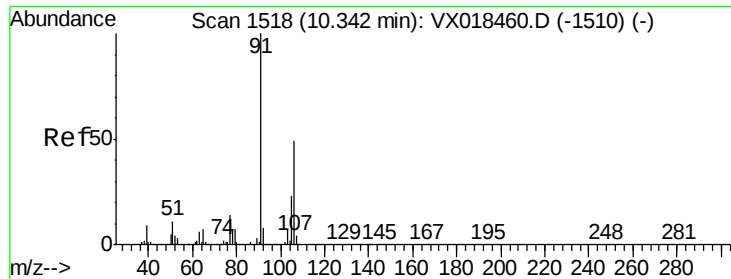
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.3	64.9
119	33.2	25.9	38.9



#64
Tetrachloroethene
Concen: 0.376 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.4	99.3	148.9
129	57.4	80.7	121.1#
131	73.0	77.2	115.8#

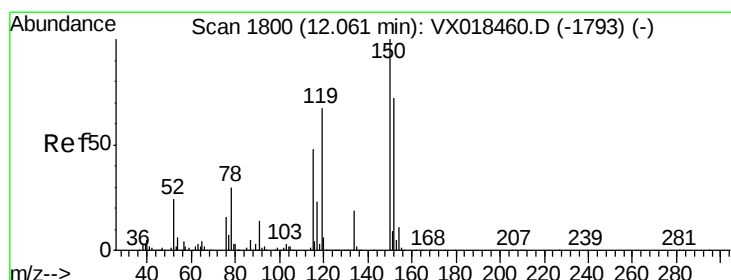
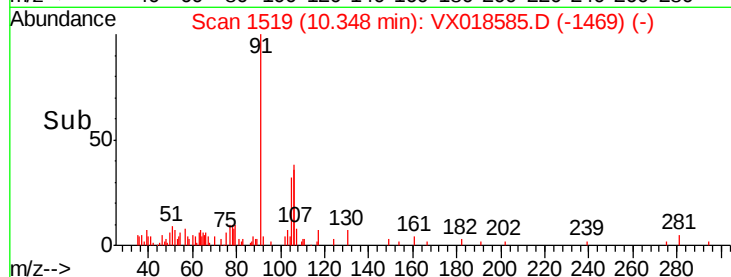
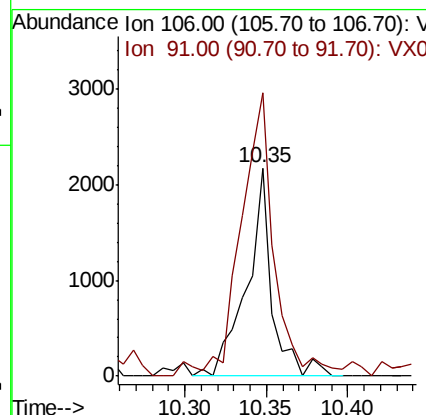
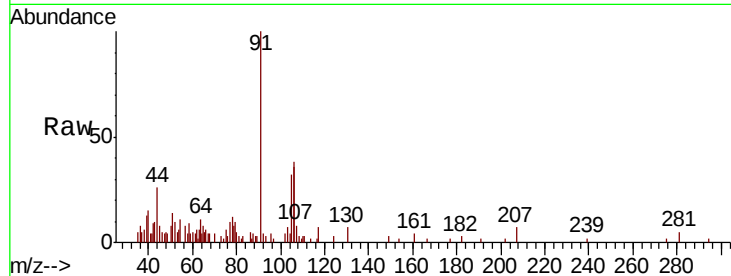




#68
m/p-Xvlenes
Concen: 0.254 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

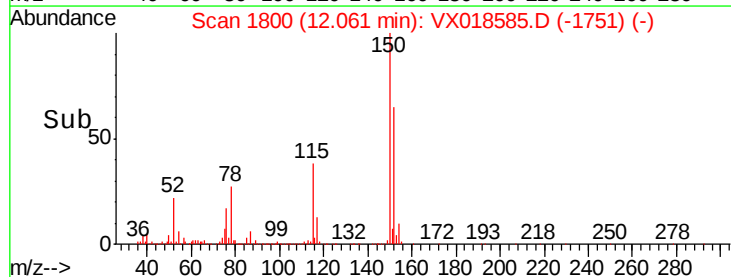
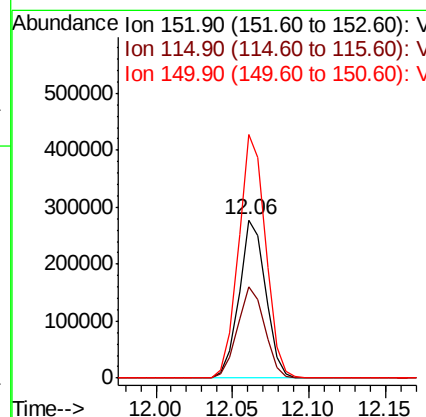
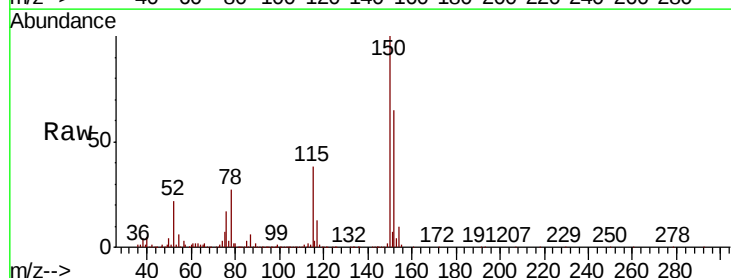
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20200921

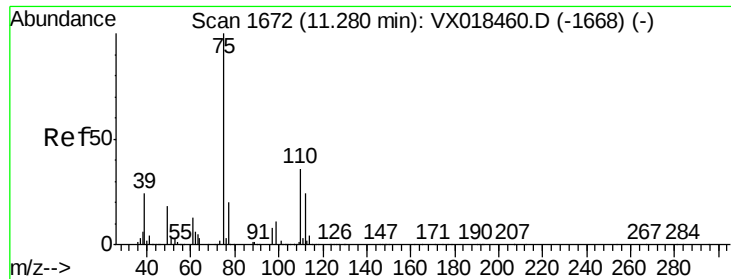
Tot Ion:106 Resp: 2353
Ion Ratio Lower Upper
106 100
91 179.9 163.8 245.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018585.D
Acq: 24 Sep 2020 20:01

Tgt Ion:152 Resp: 333295
Ion Ratio Lower Upper
152 100
115 59.7 41.8 125.4
150 156.9 0.0 342.4





#76

1,2,3-Trichloropropane

Concen: 24.178 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

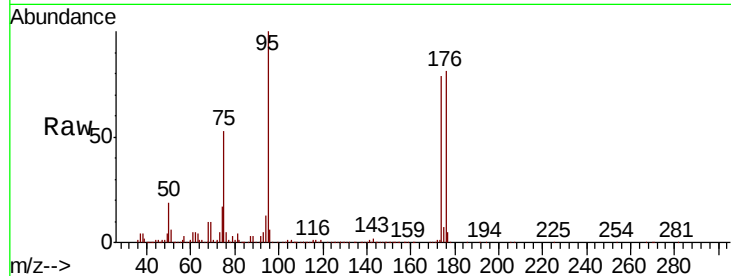
TT180D2-20200921

Tot Ion: 75 Resp: 169342

Ion Ratio Lower Upper

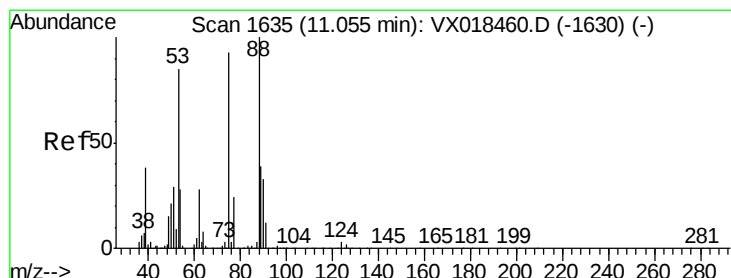
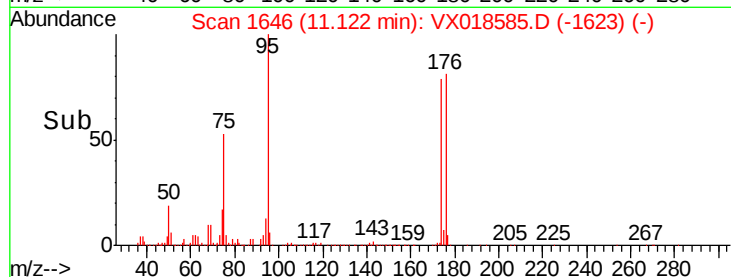
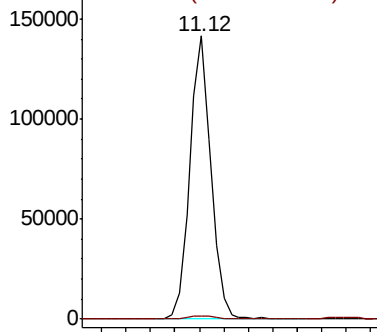
75 100

77 1.5 20.9 62.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 61.956 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

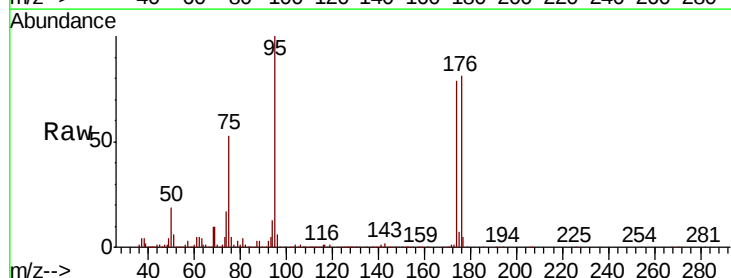
Tgt Ion: 75 Resp: 169342

Ion Ratio Lower Upper

75 100

53 0.3 74.6 111.8#

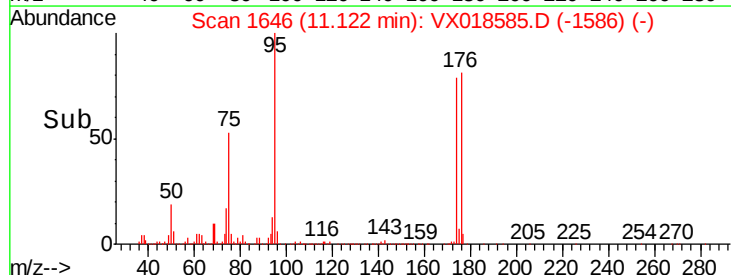
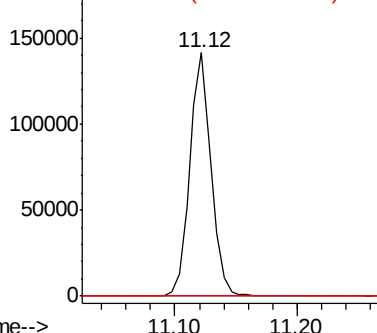
89 0.0 36.2 54.4#

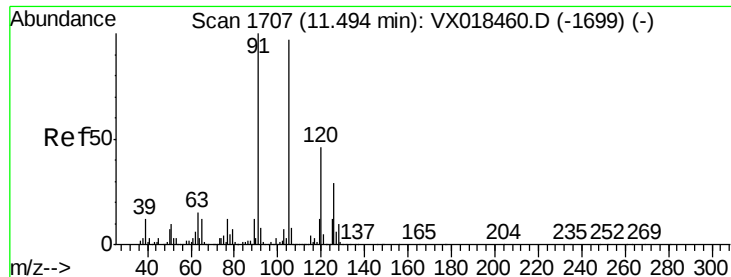


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 0.209 ug/l

RT: 11.50 min Scan# 1708

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

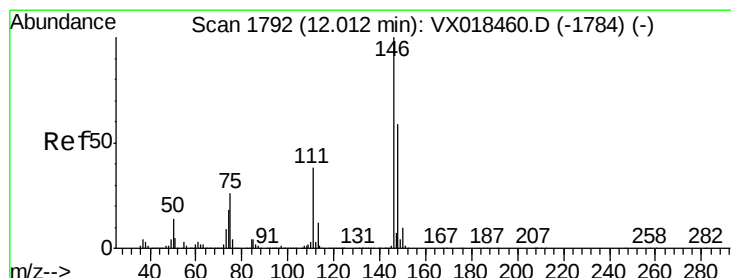
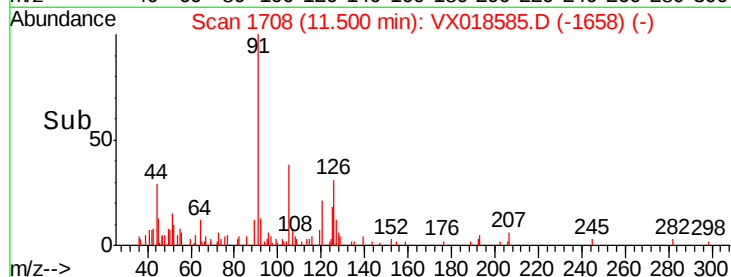
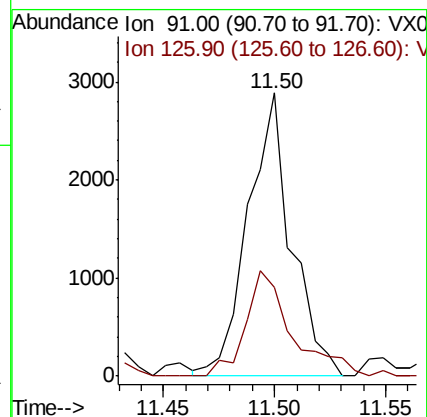
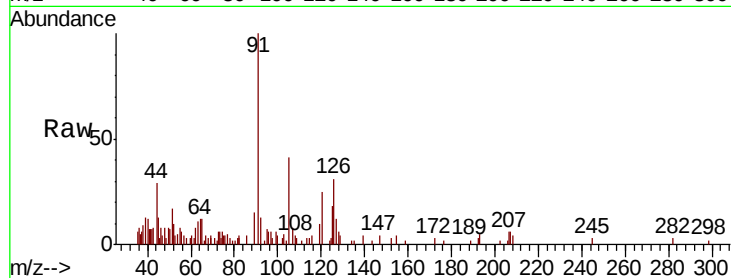
TT180D2-20200921

Tot Ion: 91 Resp: 3919

Ion Ratio Lower Upper

91 100

126 40.3 15.0 45.0



#87

1,3-Dichlorobenzene

Concen: 0.276 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

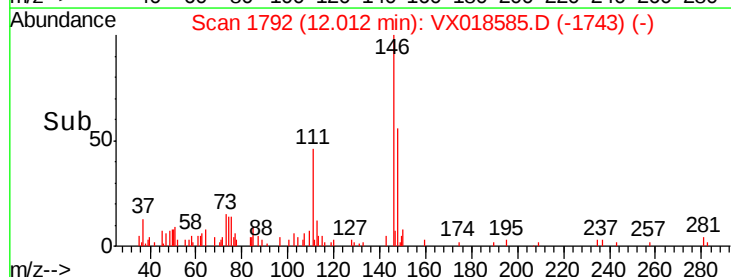
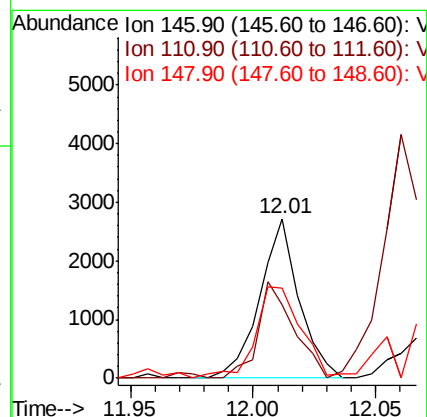
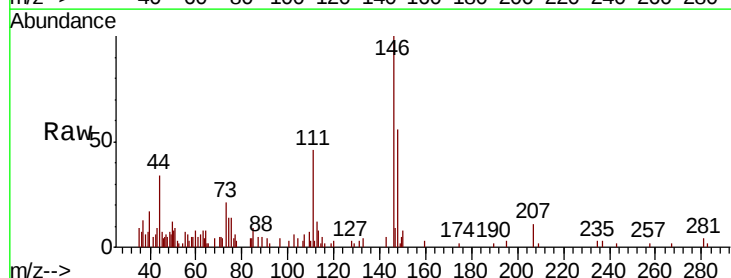
Tgt Ion: 146 Resp: 3047

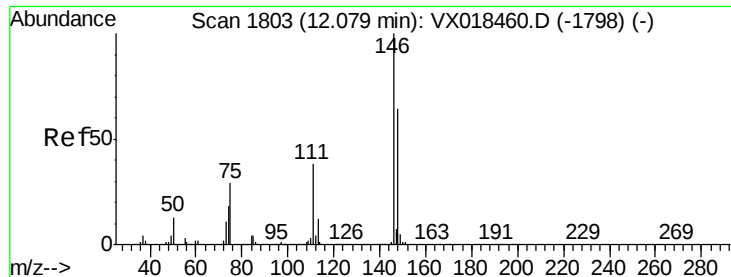
Ion Ratio Lower Upper

146 100

111 54.6 20.4 61.2

148 66.1 31.1 93.2

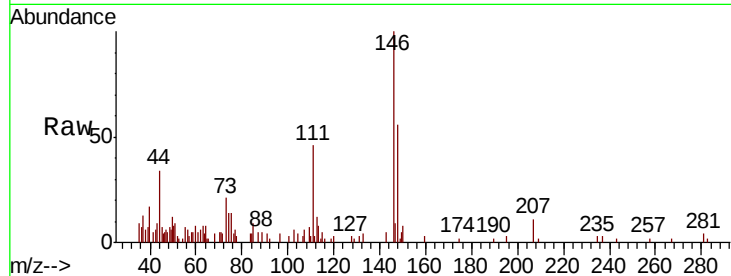




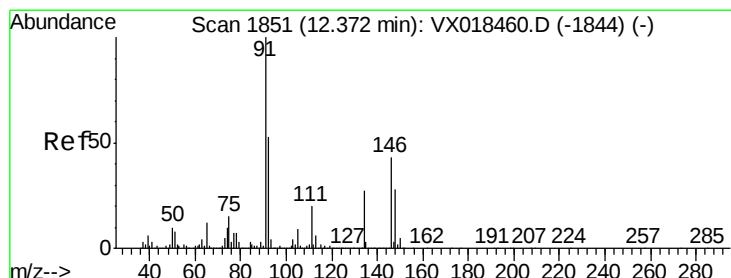
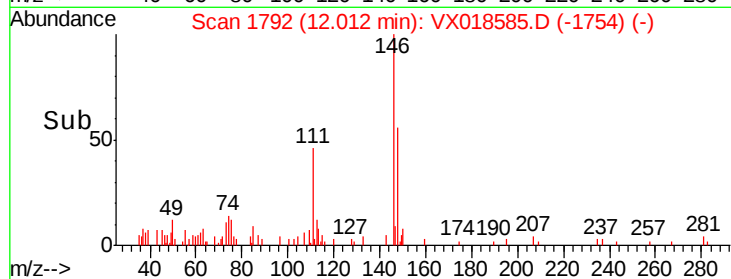
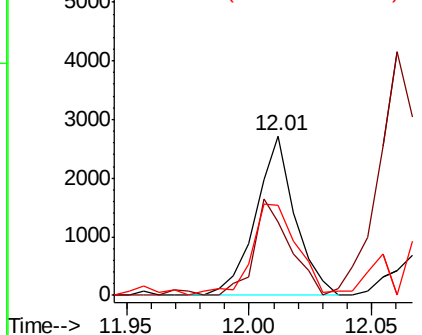
#88
 1,4-Dichlorobenzene
 Concen: 0.272 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.07 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921

Tot Ion:146 Resp: 3047
 Ion Ratio Lower Upper
 146 100
 111 54.6 19.4 58.4
 148 66.1 31.8 95.4

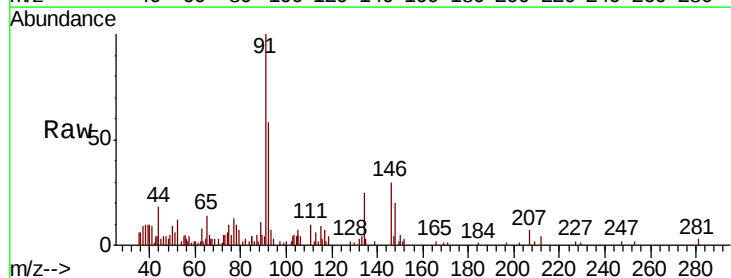


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

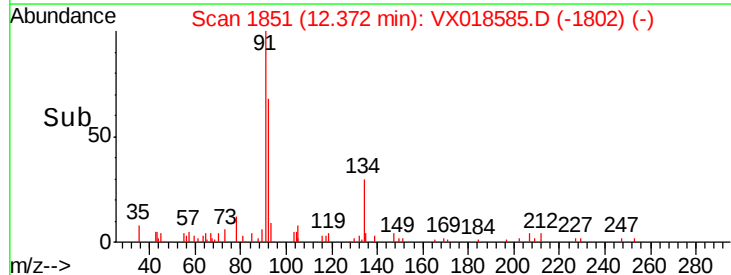
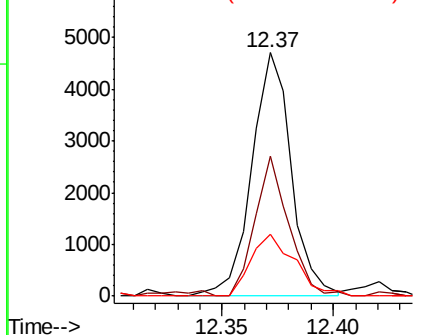


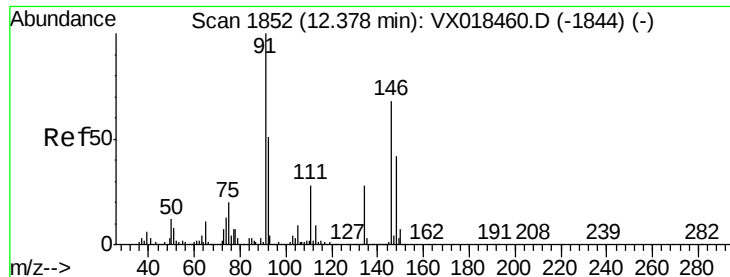
#89
 n-Butylbenzene
 Concen: 0.315 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Tgt Ion: 91 Resp: 5844
 Ion Ratio Lower Upper
 91 100
 92 49.1 26.1 78.2
 134 28.1 13.3 39.8



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





#91

1,2-Dichlorobenzene

Concen: 0.212 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

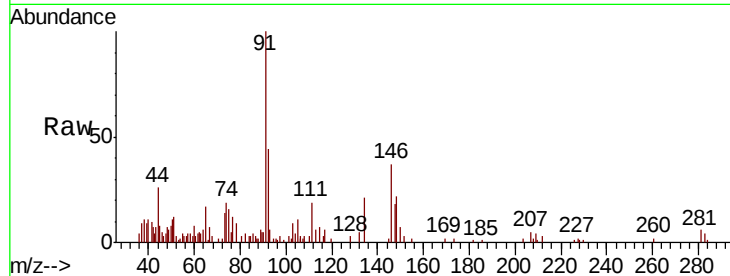
Tot Ion:146 Resp: 2194

Ion Ratio Lower Upper

146 100

111 53.0 21.5 64.5

148 85.1 32.1 96.5



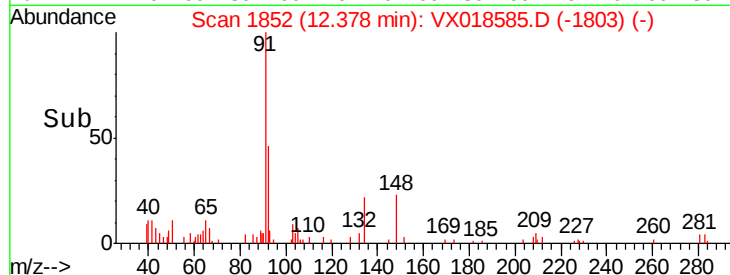
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

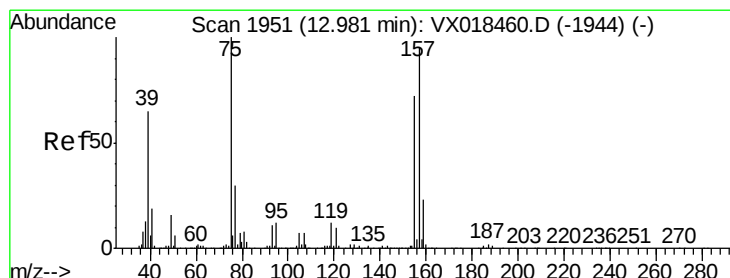
Ion 147.90 (147.60 to 148.60): V

12.38

12.35 12.40



Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.264 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

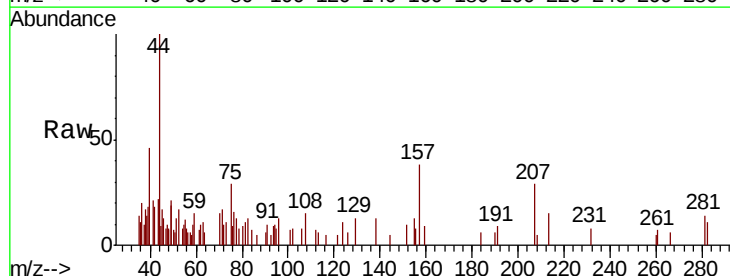
Tgt Ion: 75 Resp: 473

Ion Ratio Lower Upper

75 100

155 0.0 38.8 116.4#

157 104.0 51.1 153.3



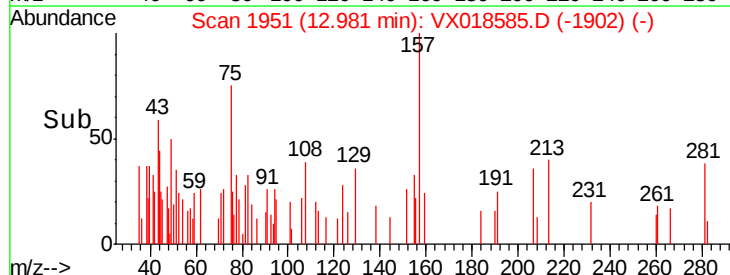
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

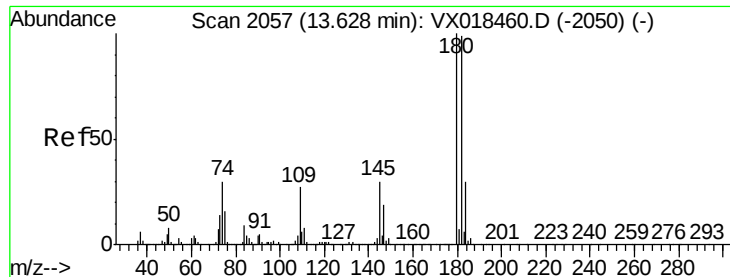
Ion 156.80 (156.50 to 157.50): V

12.98

12.95 13.00



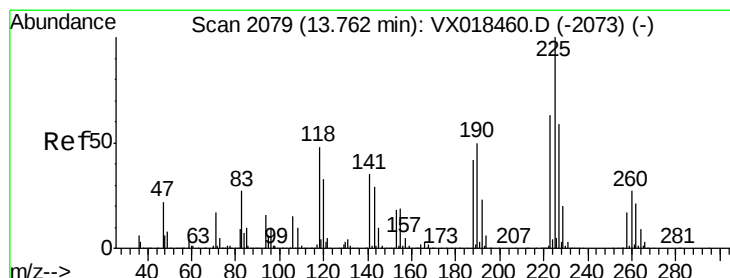
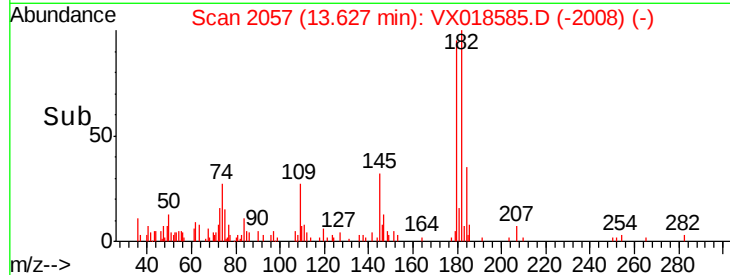
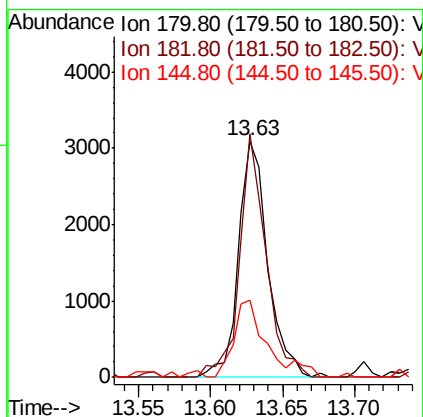
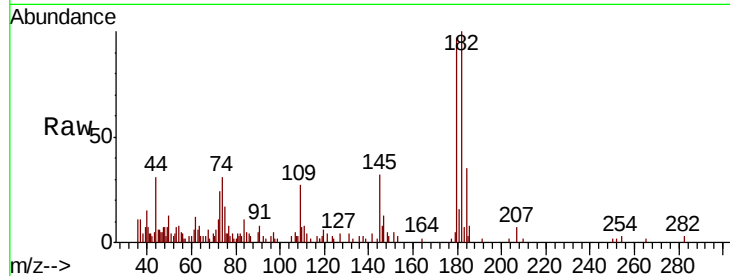
Time-->



#93
 1,2,4-Trichlorobenzene
 Concen: 0.608 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

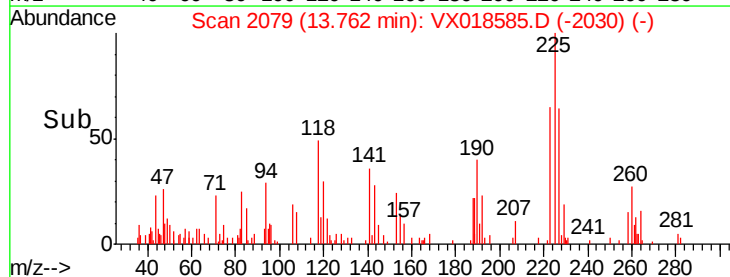
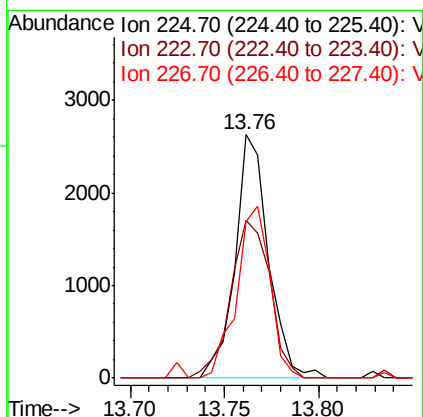
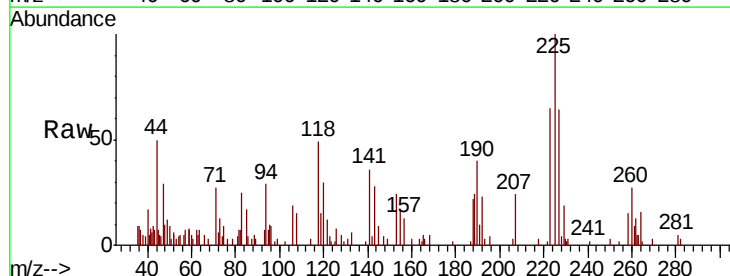
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20200921

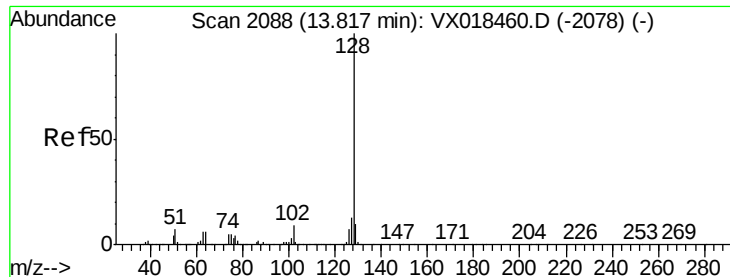
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	50.2	150.6
145	32.9	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 1.071 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018585.D
 Acq: 24 Sep 2020 20:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	76.3	32.0	96.2
227	70.5	31.7	95.1





#95

Naphthalene

Concen: 0.357 ug/l

RT: 13.82 min Scan# 2089

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20200921

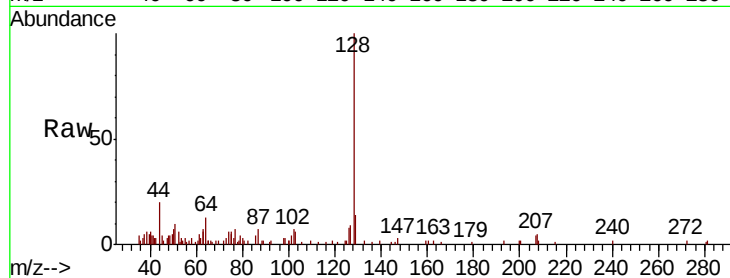
Tot Ion:128 Resp: 7763

Ion Ratio Lower Upper

128 100

127 17.4 10.3 15.5#

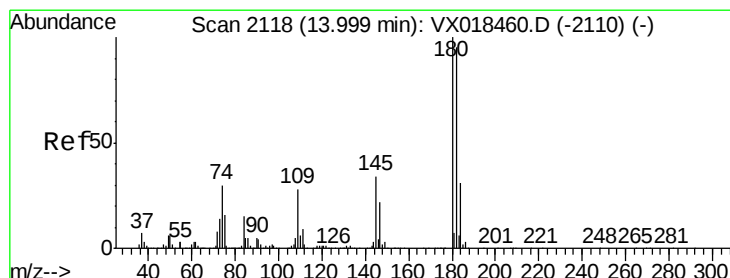
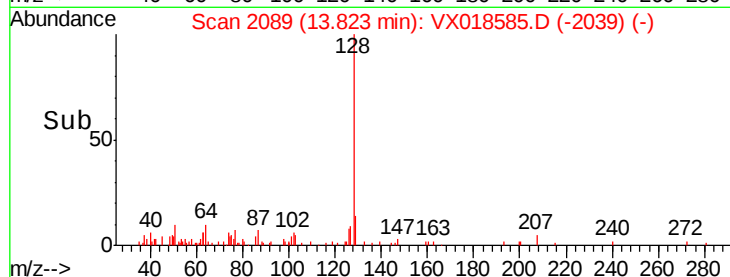
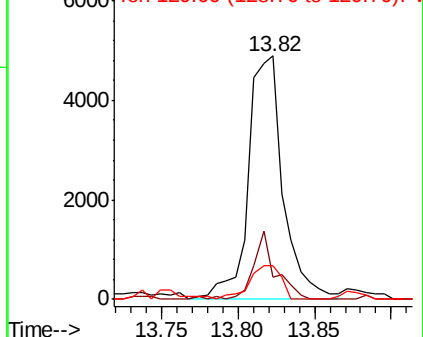
129 12.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.548 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018585.D

Acq: 24 Sep 2020 20:01

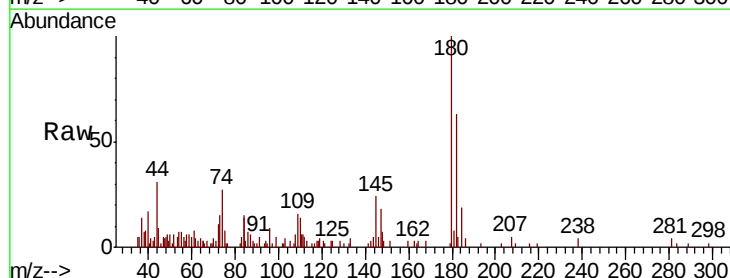
Tgt Ion:180 Resp: 3768

Ion Ratio Lower Upper

180 100

182 95.1 47.1 141.3

145 34.4 16.8 50.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

