

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010821\
 Data File : VX020537.D
 Acq On : 08 Jan 2021 14:13
 Operator : JC/MD
 Sample : M1050-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 04:43:02 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 09 04:41:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	389457	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	358150	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	178306	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125909	40.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.48%
7) Chloroethane-d5	1.69	69	83564	34.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.34%#
11) 1,1-Dichloroethene-d2	2.34	63	228570	39.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.22%
21) 2-Butanone-d5	4.53	46	179545	93.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.65%
24) Chloroform-d	5.14	84	250445	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
26) 1,2-Dichloroethane-d4	6.03	65	162118	45.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.94%
32) Benzene-d6	6.04	84	507592	47.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.24%
36) 1,2-Dichloropropane-d6	7.37	67	161290	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.84%
41) Toluene-d8	8.70	98	465833	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.99	79	73976	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	9.43	63	135552	92.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.12%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	218827	47.29	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.58%
66) 1,2-Dichlorobenzene-d4	12.36	152	163290	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

					Ovalue
5) Vinyl chloride	1.39	62	141564	39.052	ug/L 100
8) Chloroethane	1.71	64	93407	43.020	ug/L 99
12) 1,1-Dichloroethene	2.36	96	89828	32.374	ug/L 97
14) Carbon disulfide	2.55	76	426016	47.843	ug/L 98
15) Methyl Acetate	2.75	43	183568	58.670	ug/L 98
16) Methylene chloride	2.83	84	100925	30.421	ug/L 100
18) Methyl tert-butyl Ether	3.17	73	361901	40.094	ug/L 100
19) 1,1-Dichloroethane	3.67	63	115482	21.374	ug/L 98
20) cis-1,2-Dichloroethene	4.56	96	64789	19.836	ug/L 98
27) 1,2-Dichloroethane	6.16	62	249952	57.476	ug/L 98
30) 1,1,1-Trichloroethane	5.46	97	190585	41.637	ug/L 100
34) Trichloroethene	7.18	95	213240	70.735	ug/L 98
37) 1,2-Dichloropropane	7.49	63	77103	25.677	ug/L 99
40) 4-Methyl-2-pentanone	8.62	43	197107	49.962	ug/L 98
42) Toluene	8.76	91	404635	32.629	ug/L 99
44) trans-1,3-Dichloropropene	9.02	75	69013	15.655	ug/L 99
45) 1,1,2-Trichloroethane	9.20	97	116638	39.247	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

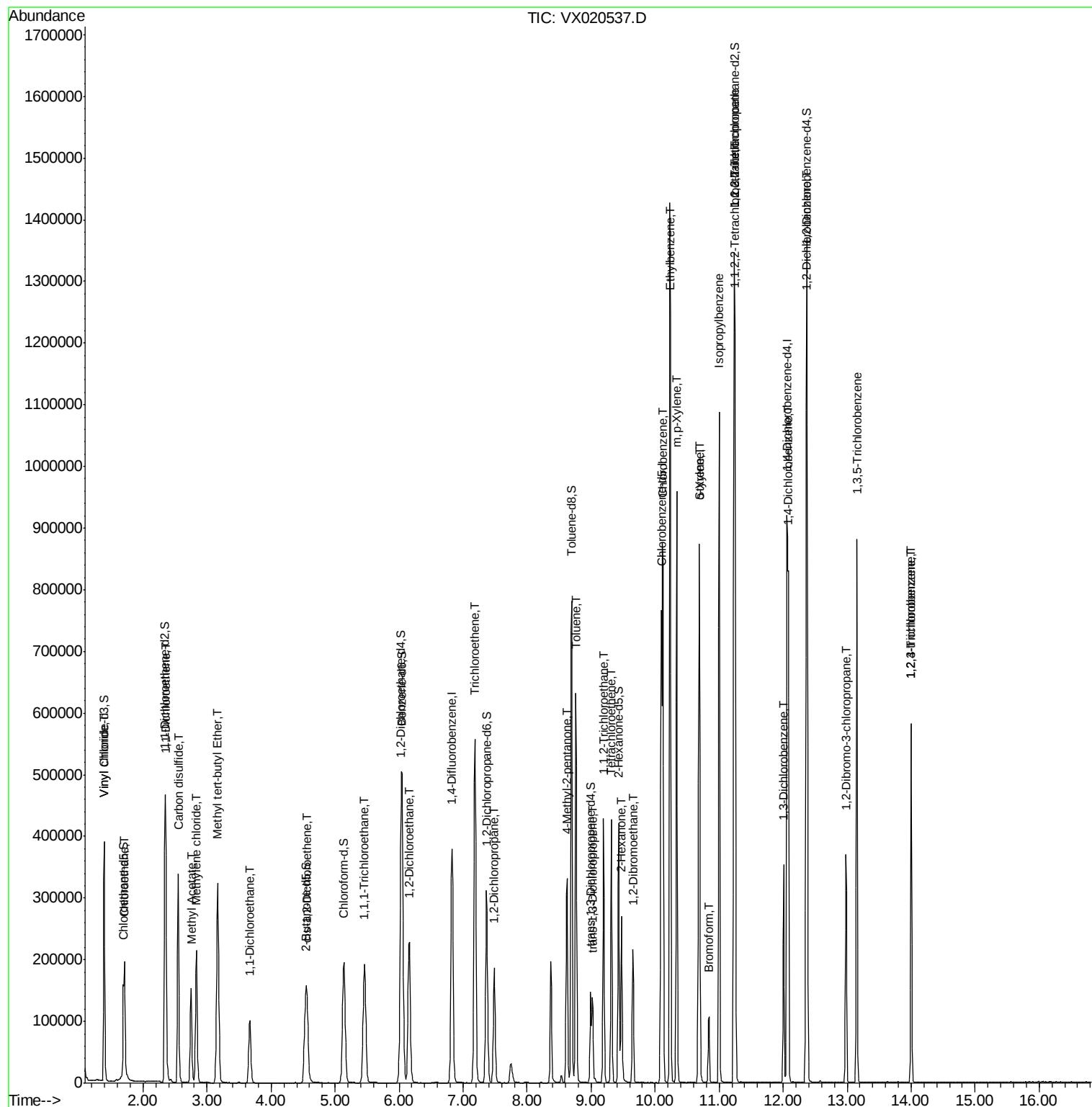
46) Tetrachloroethene	9.32	164	86832	37.160	uq/L	98
48) 2-Hexanone	9.48	43	142187	45.610	uq/L	100
50) 1,2-Dibromoethane	9.65	107	118285	38.422	uq/L	100
51) Chlorobenzene	10.12	112	389161	49.565	uq/L	98
52) Ethylbenzene	10.23	91	819798	61.824	uq/L	99
53) m,p-Xylene	10.34	106	215650	43.528	uq/L	97
54) o-Xylene	10.68	106	101318	21.073	uq/L	92
55) Styrene	10.70	104	289041	35.511	uq/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	317289	67.280	uq/L	99
59) Bromoform	10.84	173	40467	18.169	uq/L	99
60) Isopropylbenzene	11.00	105	545428	43.383	uq/L	100
61) 1,2,3-Trichloropropane	11.24	75	21429	5.509	uq/L #	1
64) 1,3-Dichlorobenzene	12.01	146	116051	19.786	uq/L	96
65) 1,4-Dichlorobenzene	12.08	146	238137	40.184	uq/L	99
67) 1,2-Dichlorobenzene	12.37	146	359983	61.559	uq/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	70806	71.970	uq/L	99
69) 1,3,5-Trichlorobenzene	13.15	180	203998	50.664	uq/L	98
70) 1,2,4-trichlorobenzene	14.00	180	109998	31.728	uq/L	95
72) 1,2,3-Trichlorobenzene	14.00	180	134660	37.755	uq/L	97

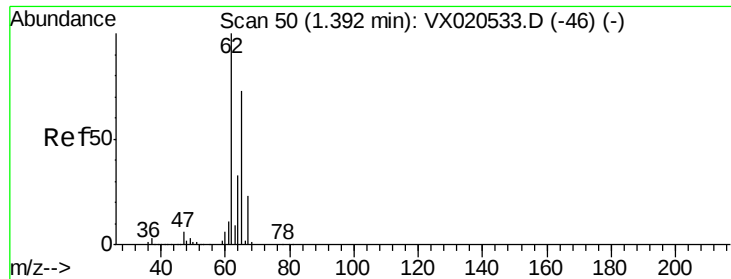
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 09 04:43:02 2021
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 39.052 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

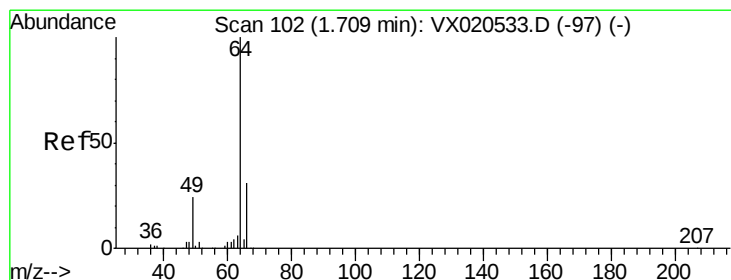
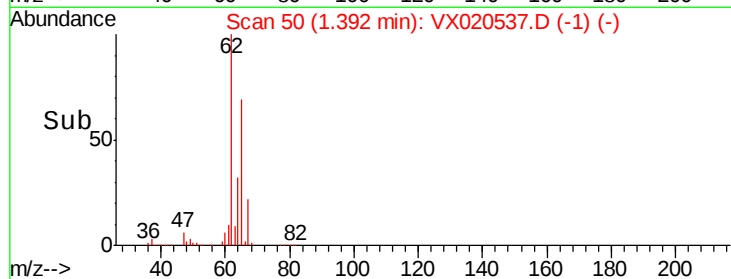
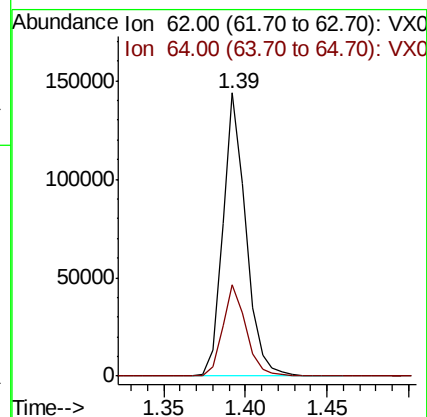
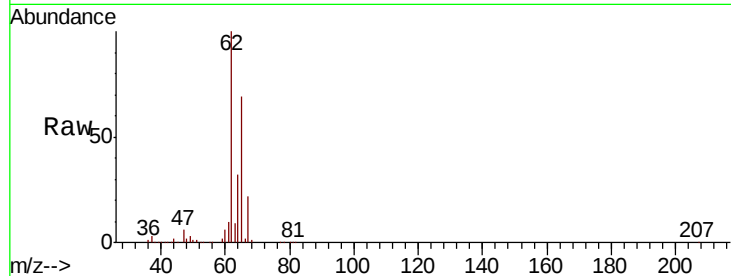
ClientSampleId :

Tot Ion: 62 Resp: 141564

Ion Ratio Lower Upper

62 100

64 32.3 22.7 42.3



#8

Chloroethane

Concen: 43.020 ug/L

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX020537.D

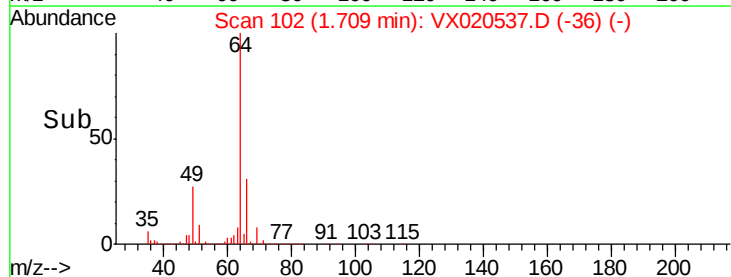
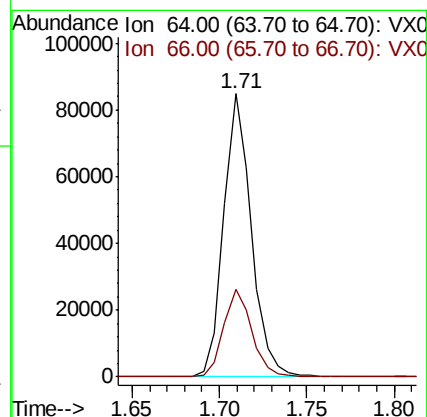
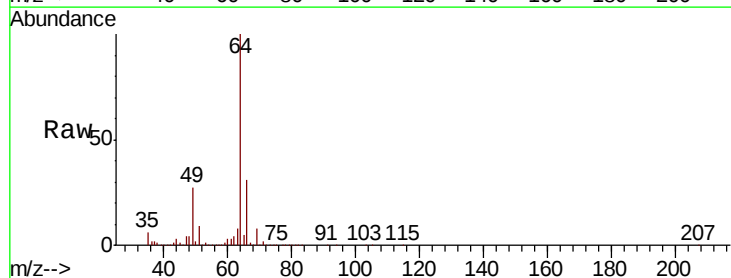
Acq: 08 Jan 2021 14:13

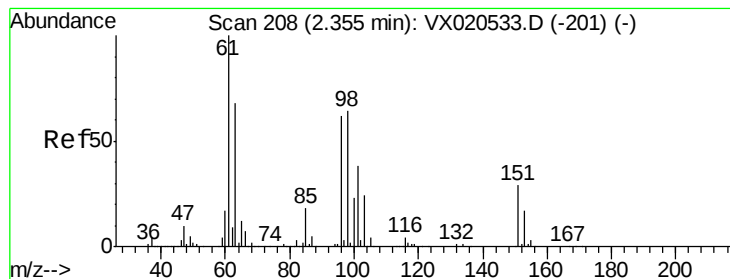
Tgt Ion: 64 Resp: 93407

Ion Ratio Lower Upper

64 100

66 31.0 22.0 41.0





#12

1,1-Dichloroethene

Concen: 32.374 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampled :

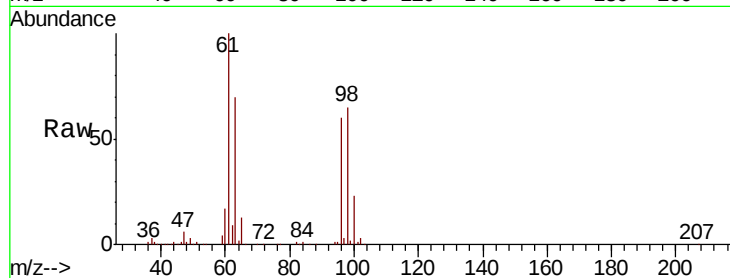
Tot Ion: 96 Resp: 89828

Ion Ratio Lower Upper

96 100

61 167.0 115.5 214.5

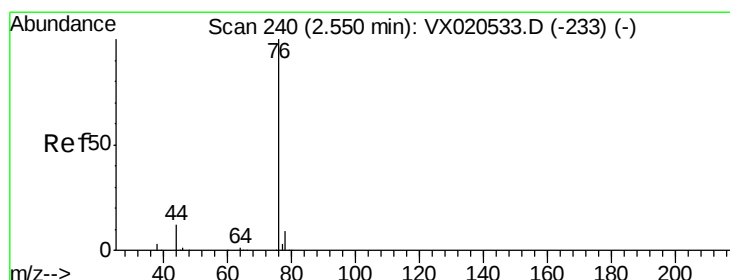
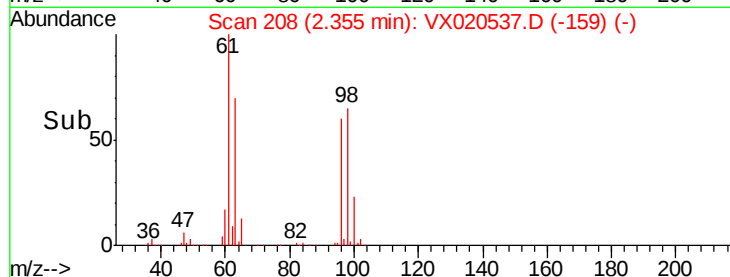
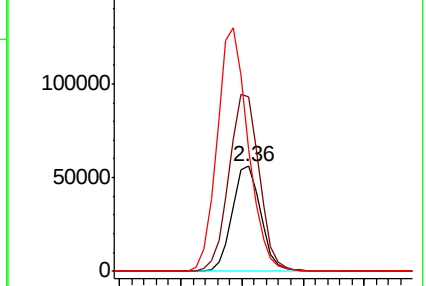
63 117.0 77.3 143.7



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0



#14

Carbon disulfide

Concen: 47.843 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020537.D

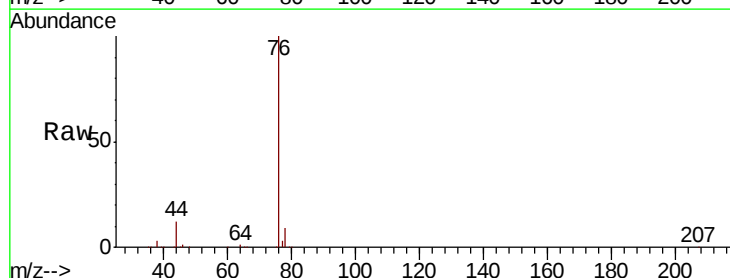
Acq: 08 Jan 2021 14:13

Tgt Ion: 76 Resp: 426016

Ion Ratio Lower Upper

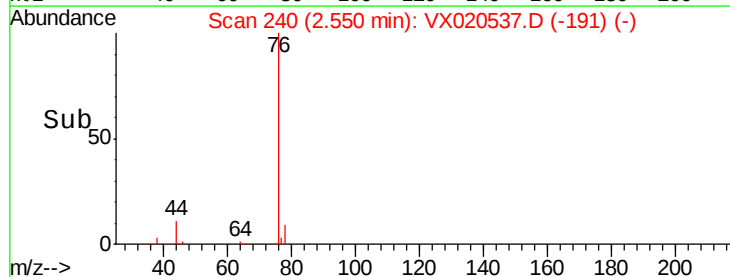
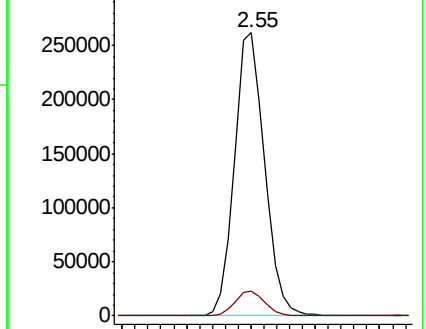
76 100

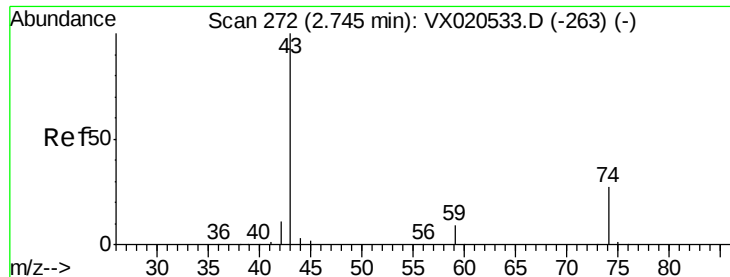
78 8.8 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methvl Acetate

Concen: 58.670 ug/L

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

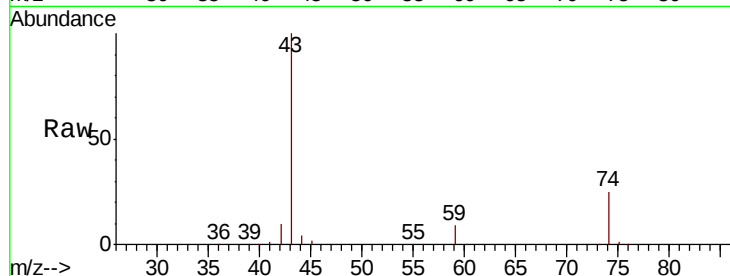
ClientSampled :

Tot Ion: 43 Resp: 183568

Ion Ratio Lower Upper

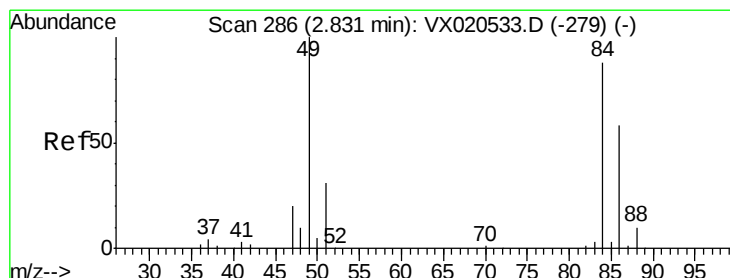
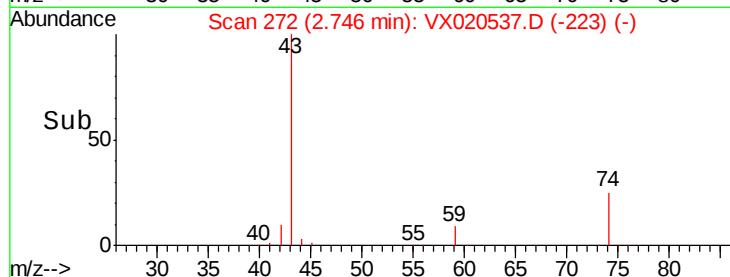
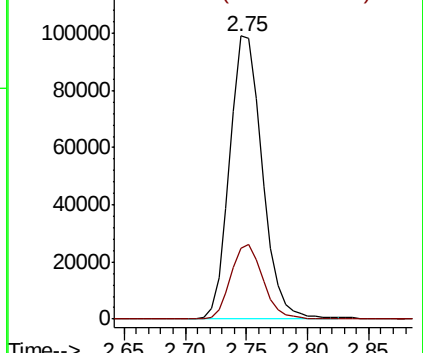
43 100

74 26.0 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#16

Methylene chloride

Concen: 30.421 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

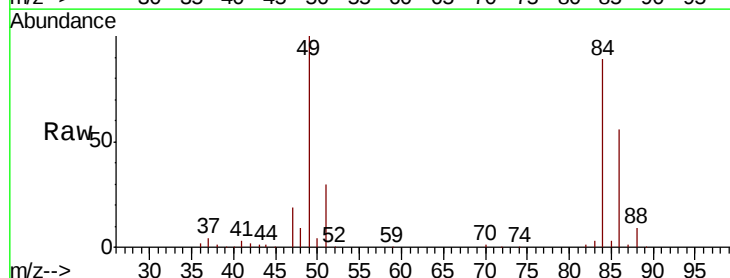
Tgt Ion: 84 Resp: 100925

Ion Ratio Lower Upper

84 100

86 62.9 44.2 82.0

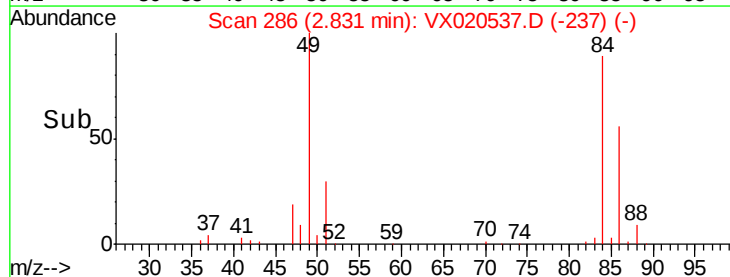
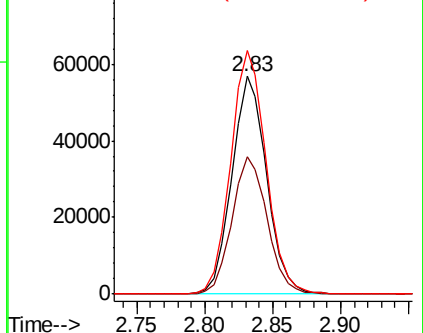
49 111.8 77.8 144.6

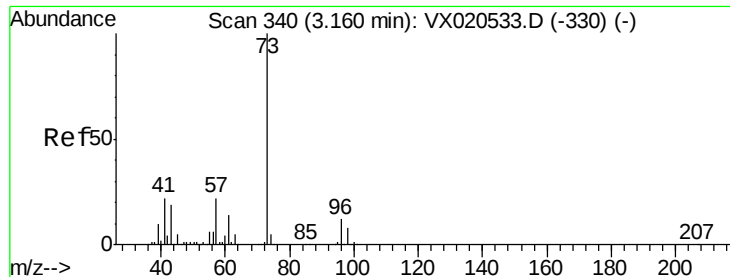


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

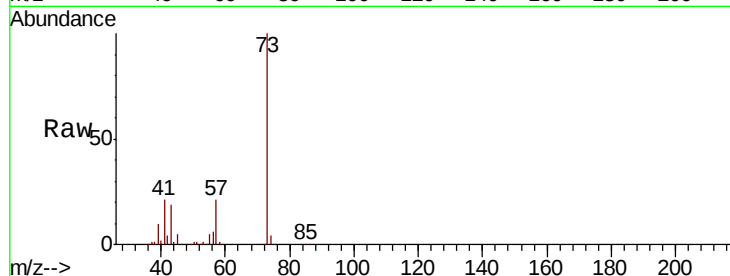




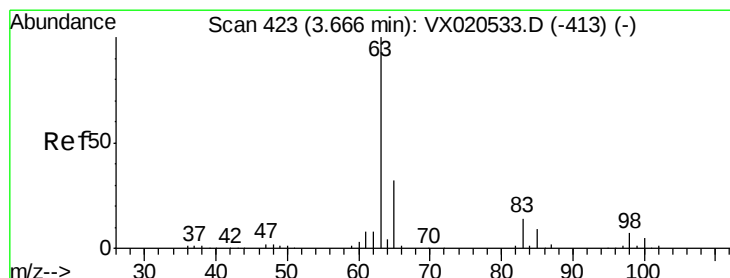
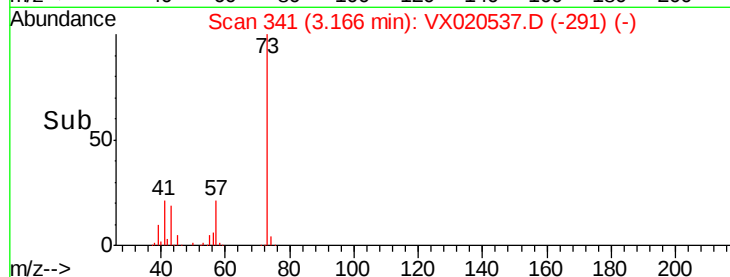
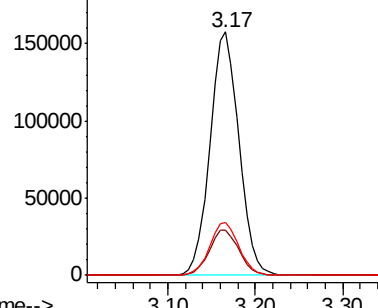
#18
Methvl tert-butvl Ether
Concen: 40.094 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	Ratio	Lower	Upper
73	100		
43	19.1	15.1	22.7
57	21.8	17.4	26.2

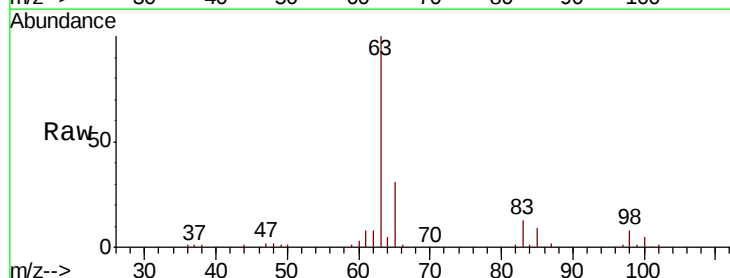


Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

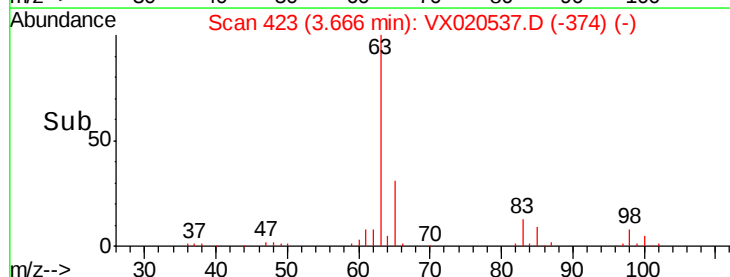
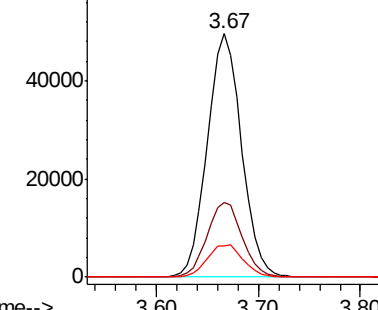


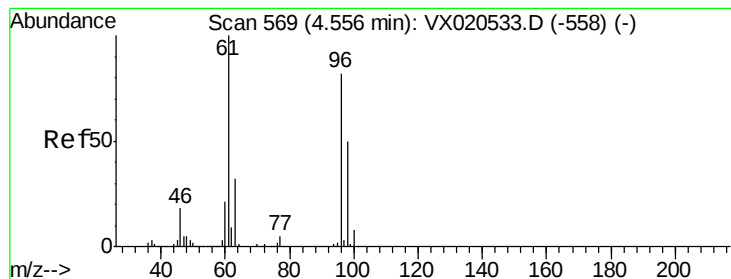
#19
1,1-Dichloroethane
Concen: 21.374 ug/L
RT: 3.67 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.6	22.4	41.6
83	12.8	9.5	17.7



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 83.00 (82.70 to 83.70): VX0



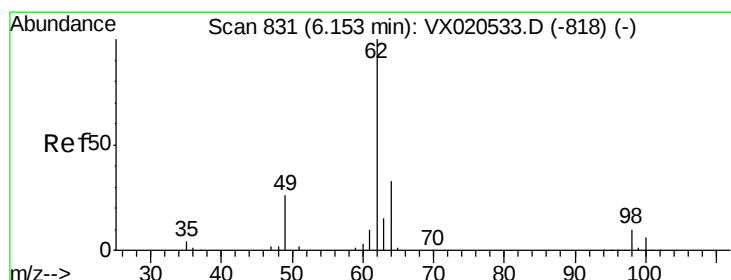
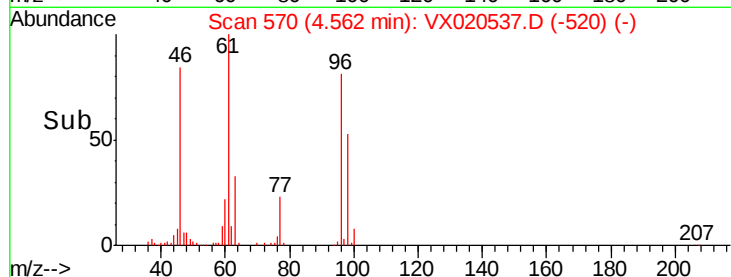
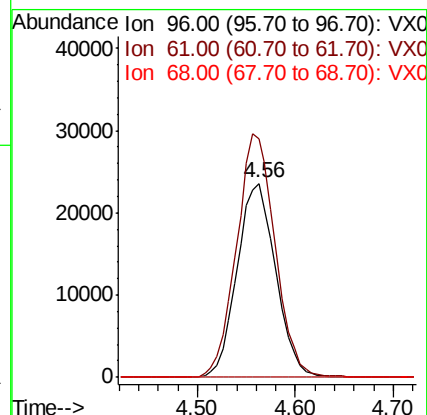
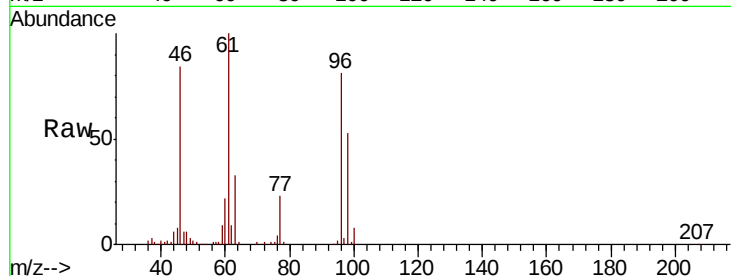


#20

cis-1,2-Dichloroethene
 Concen: 19.836 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX020537.D
 Acq: 08 Jan 2021 14:13

Instrument :
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 ClientSampleId :

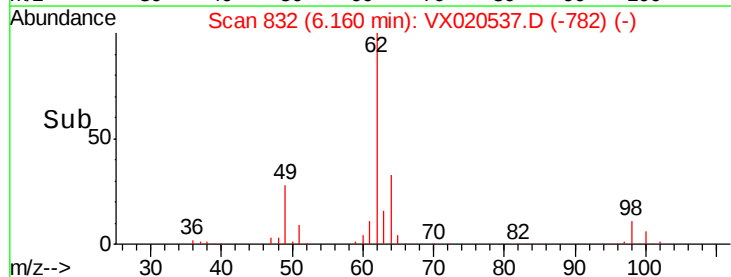
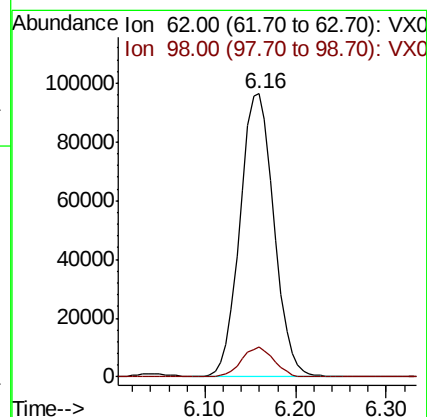
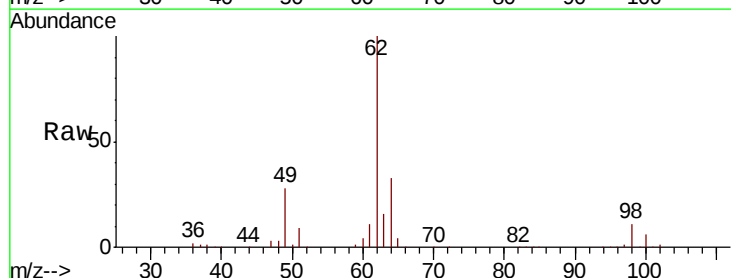
Tot Ion: 96 Resp: 64789
 Ion Ratio Lower Upper
 96 100
 61 123.4 87.8 163.0
 68 0.0 0.0 0.0

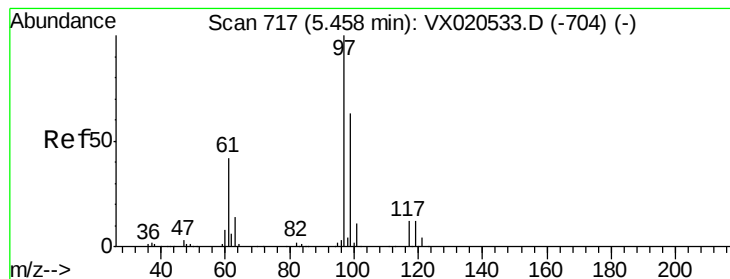


#27

1,2-Dichloroethane
 Concen: 57.476 ug/L
 RT: 6.16 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: VX020537.D
 Acq: 08 Jan 2021 14:13

Tgt Ion: 62 Resp: 249952
 Ion Ratio Lower Upper
 62 100
 98 10.7 7.9 11.9





#30

1,1,1-Trichloroethane

Concen: 41.637 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampleId :

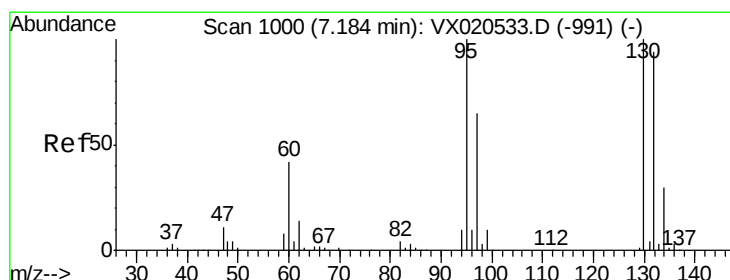
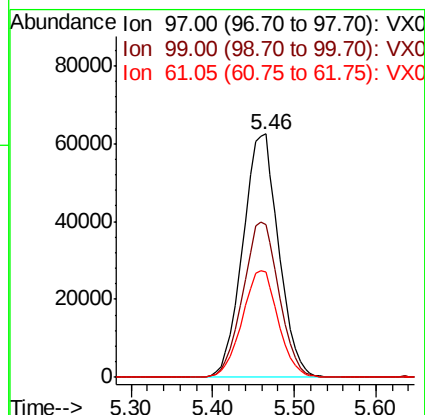
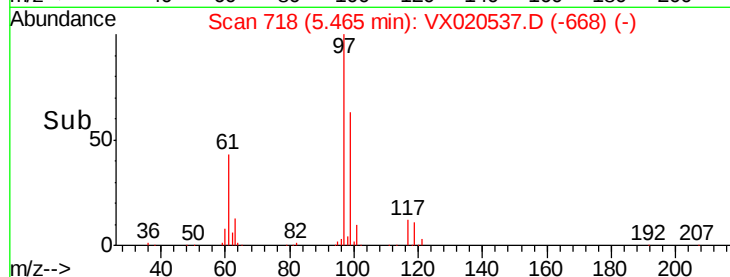
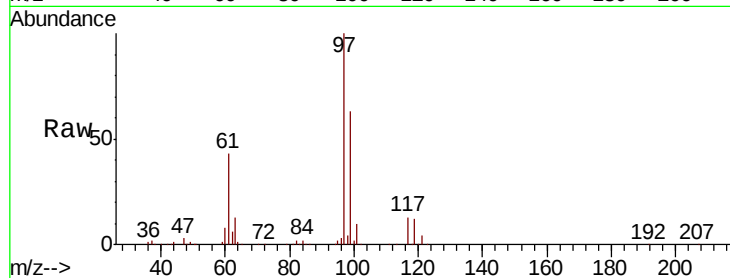
Tot Ion: 97 Resp: 190585

Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 44.1 35.3 52.9



#34

Trichloroethene

Concen: 70.735 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Tgt Ion: 95 Resp: 213240

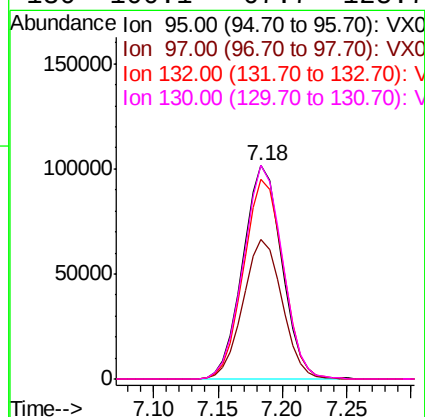
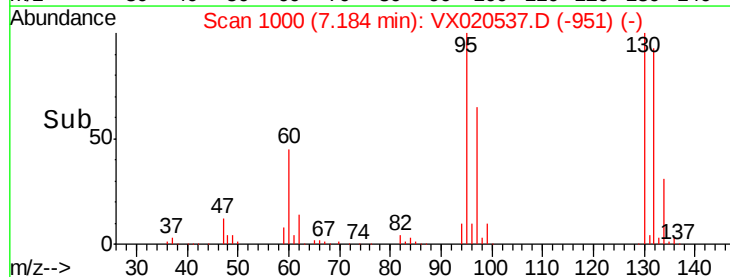
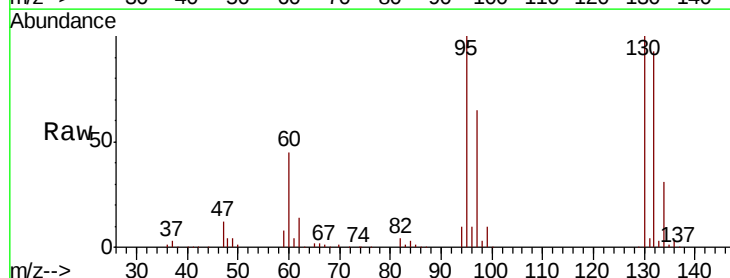
Ion Ratio Lower Upper

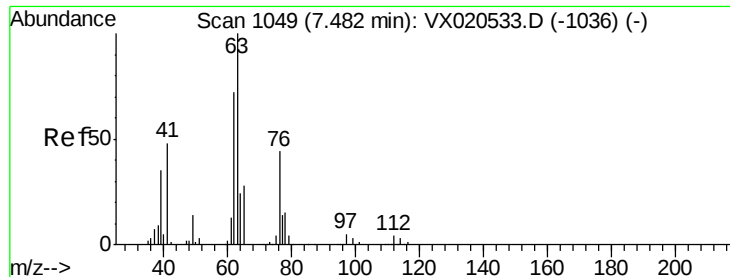
95 100

97 65.3 44.5 82.7

132 93.5 65.2 121.0

130 100.1 67.7 125.7





#37

1,2-Dichloropropane

Concen: 25.677 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

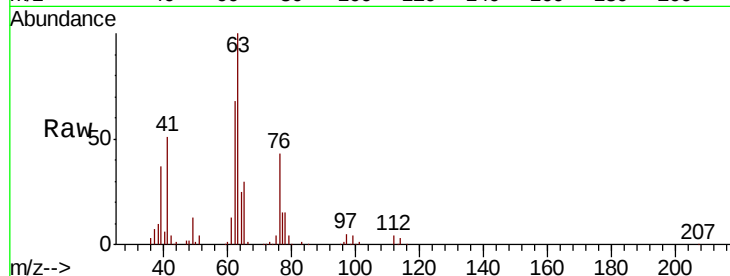
ClientSampleId :

Tot Ion: 63 Resp: 77103

Ion Ratio Lower Upper

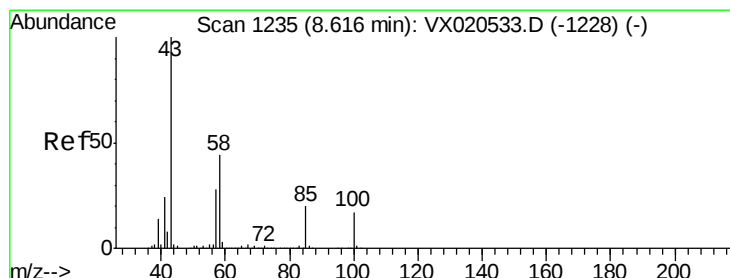
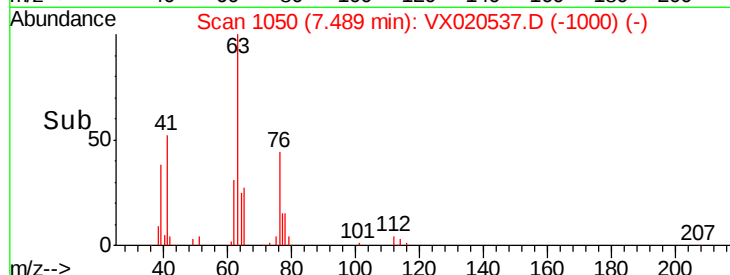
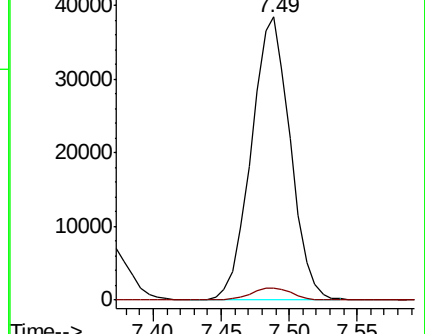
63 100

112 4.7 3.6 5.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V



#40

4-Methyl-2-pentanone

Concen: 49.962 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

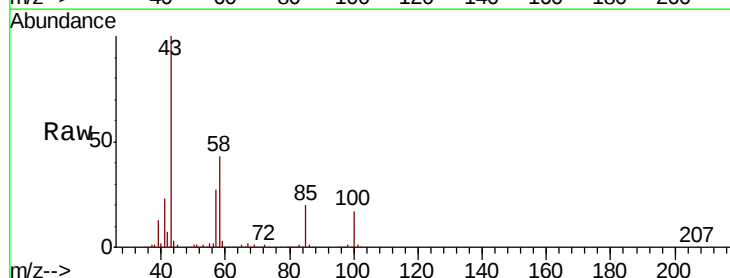
Tgt Ion: 43 Resp: 197107

Ion Ratio Lower Upper

43 100

58 42.7 35.0 52.4

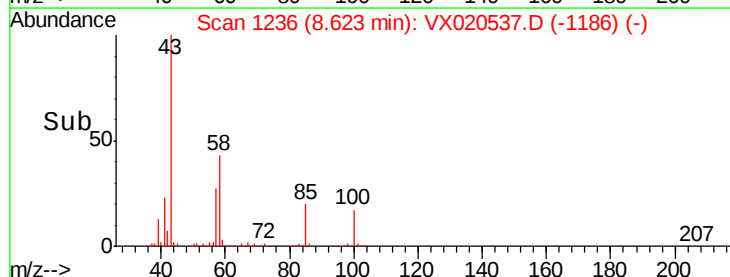
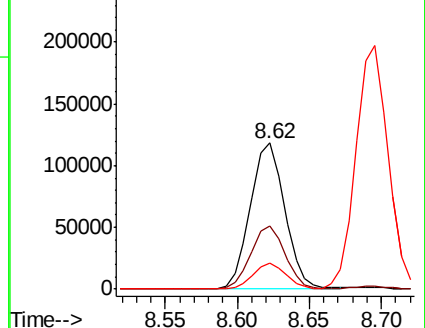
100 16.9 14.2 21.4

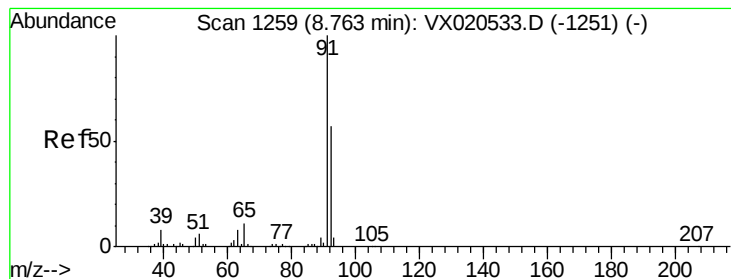


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 100.00 (99.70 to 100.70): V





#42

Toluene

Concen: 32.629 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

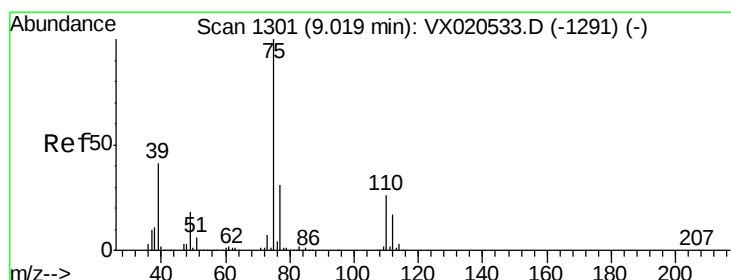
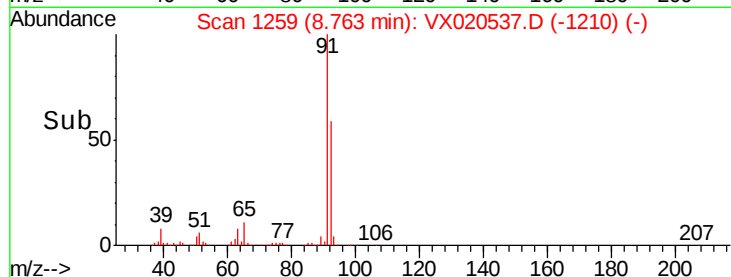
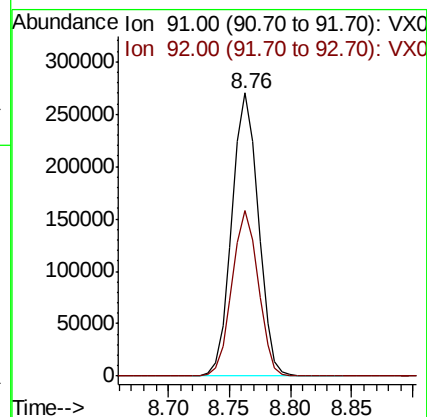
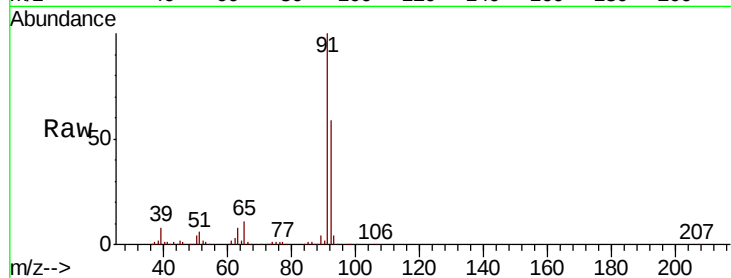
ClientSampleId :

Tot Ion: 91 Resp: 404635

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 15.655 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020537.D

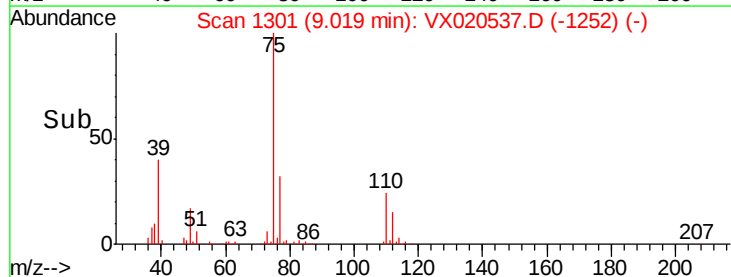
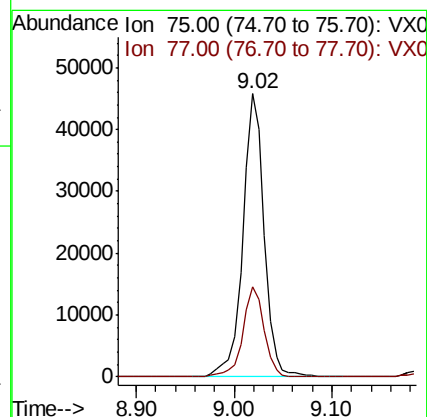
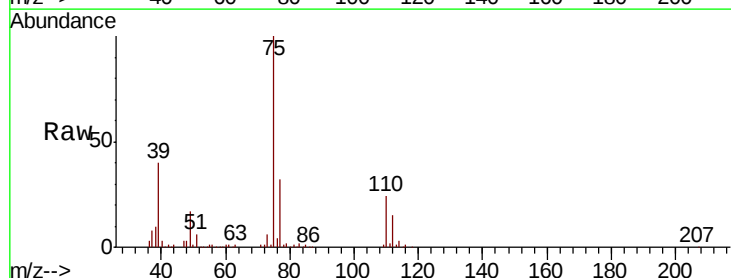
Acq: 08 Jan 2021 14:13

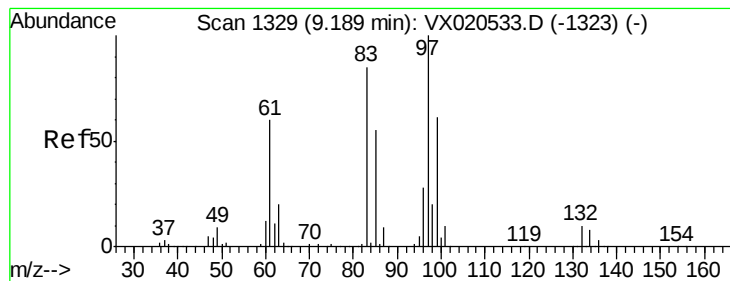
Tgt Ion: 75 Resp: 69013

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 39.247 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 116638

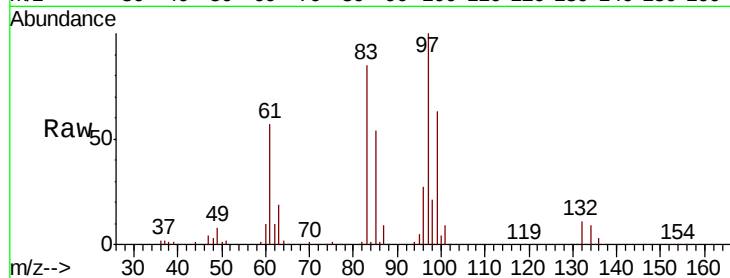
Ion Ratio Lower Upper

97 100

99 62.5 44.0 81.6

83 85.4 60.8 113.0

85 54.2 39.4 73.2

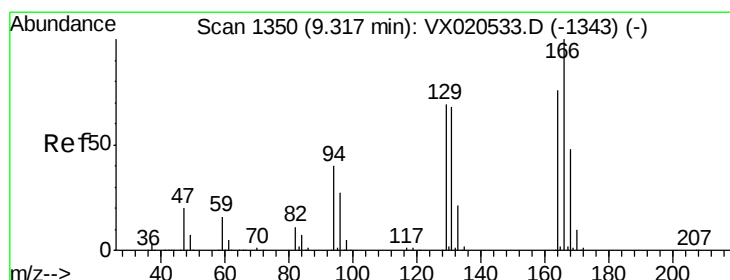
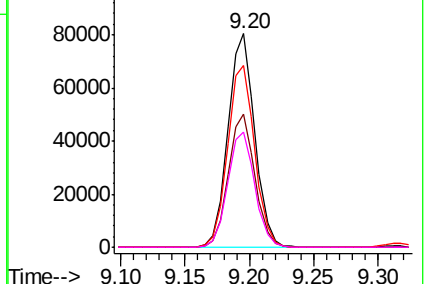
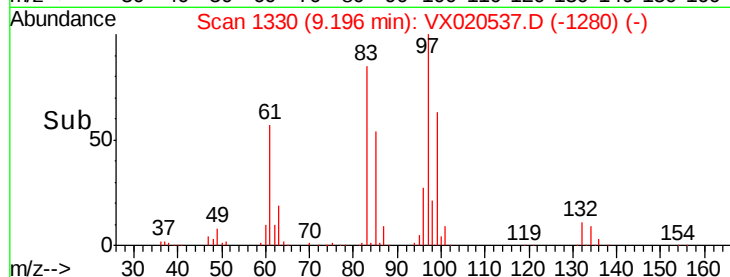


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#46

Tetrachloroethene

Concen: 37.160 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Tgt Ion:164 Resp: 86832

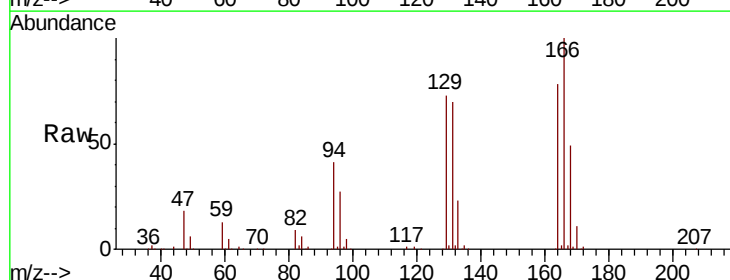
Ion Ratio Lower Upper

164 100

129 93.5 65.6 121.8

131 89.7 63.7 118.3

166 128.7 93.0 172.6

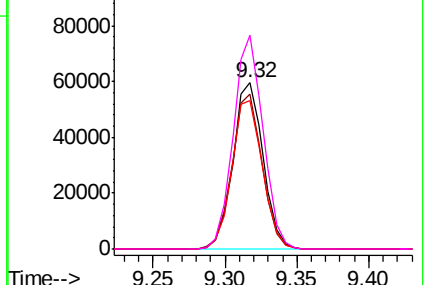
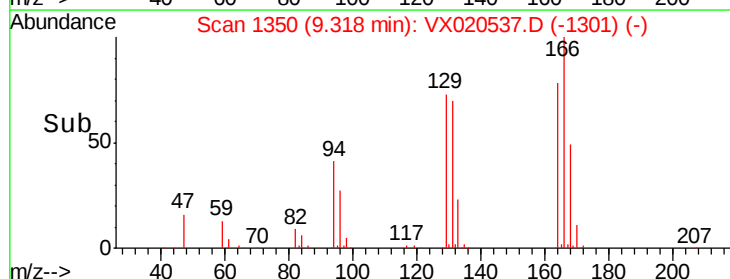


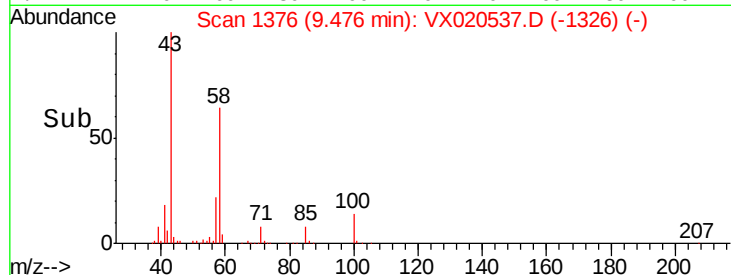
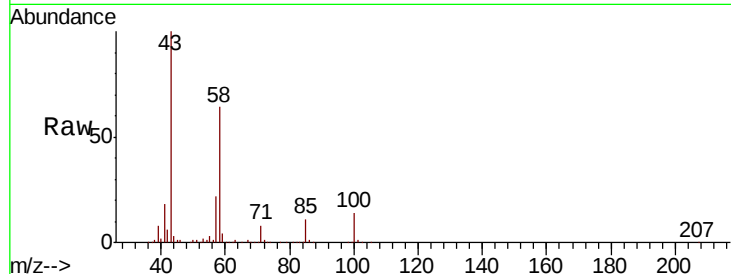
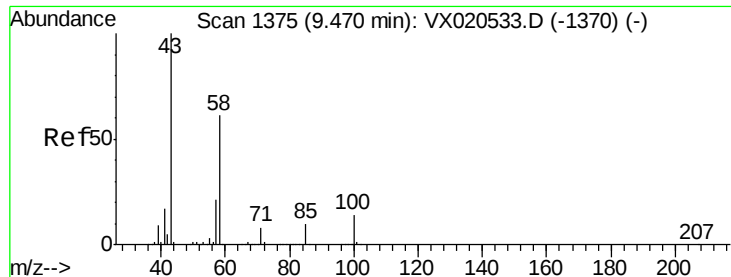
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

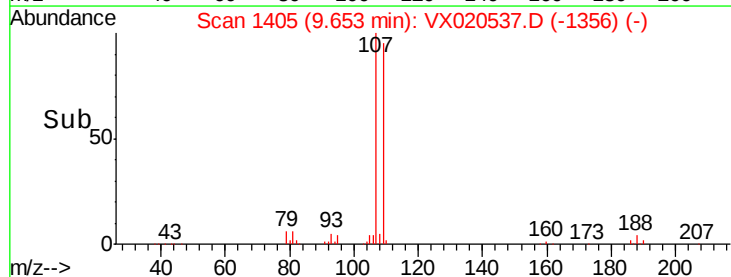
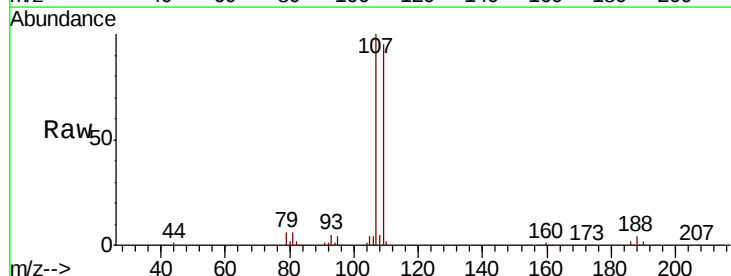
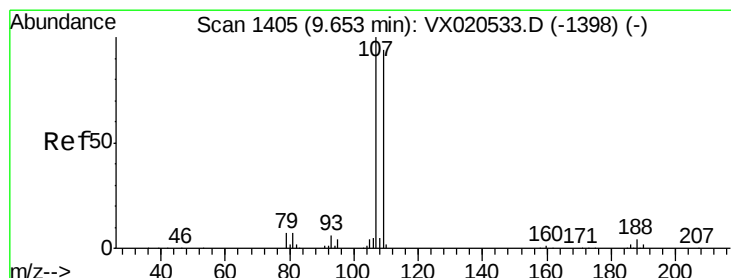
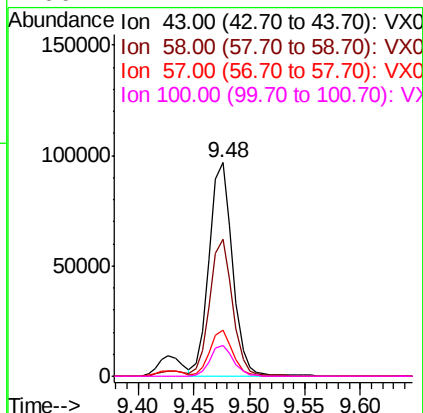




#48
2-Hexanone
Concen: 45.610 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

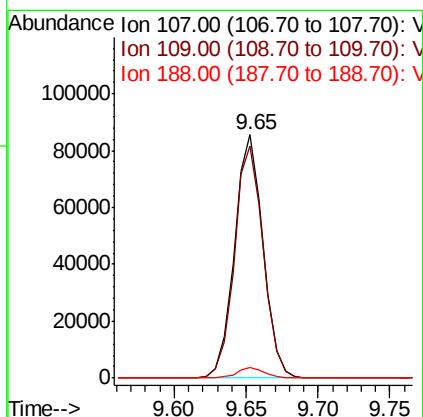
Instrument :
MSVOA_X
ClientSampleId :

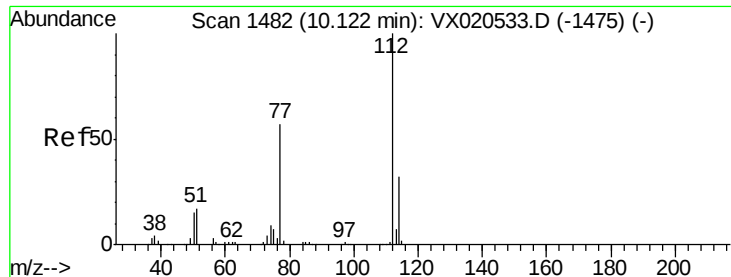
Tot Ion	Ion	Ratio	Lower	Upper
43	100			
58	62.7	50.1	75.1	
57	21.2	17.3	25.9	
100	14.4	11.4	17.2	



#50
1,2-Dibromoethane
Concen: 38.422 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	95.4	66.4	123.4	
188	4.2	3.2	4.8	





#51

Chlorobenzene

Concen: 49.565 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampleId :

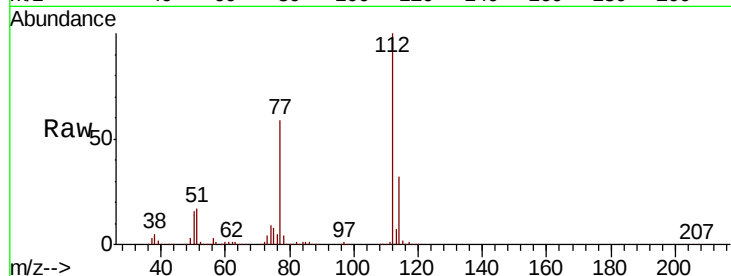
Tot Ion:112 Resp: 389161

Ion Ratio Lower Upper

112 100

114 32.2 23.2 43.2

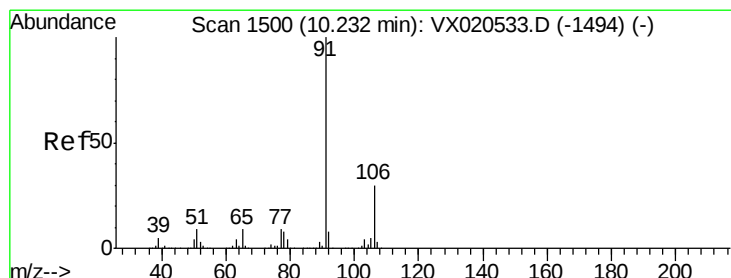
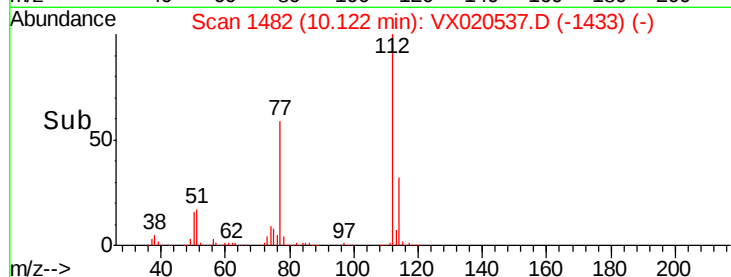
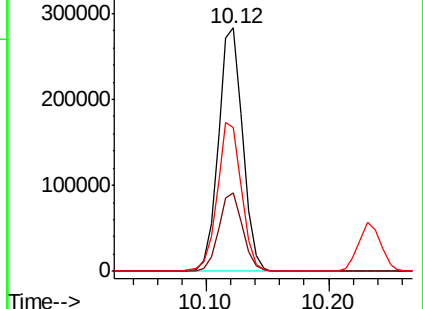
77 59.0 48.4 72.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VX0



#52

Ethylbenzene

Concen: 61.824 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020537.D

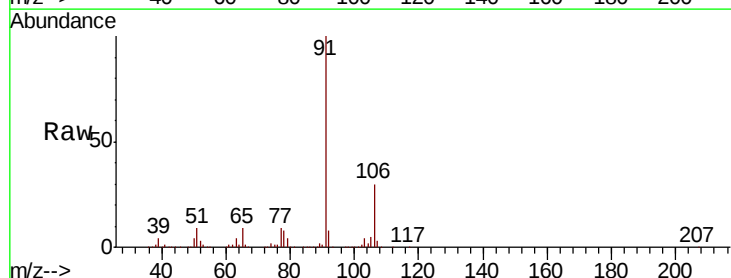
Acq: 08 Jan 2021 14:13

Tgt Ion: 91 Resp: 819798

Ion Ratio Lower Upper

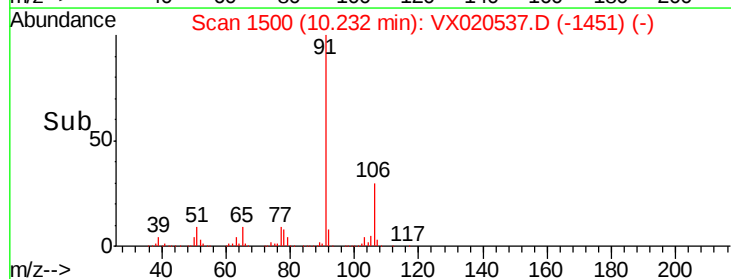
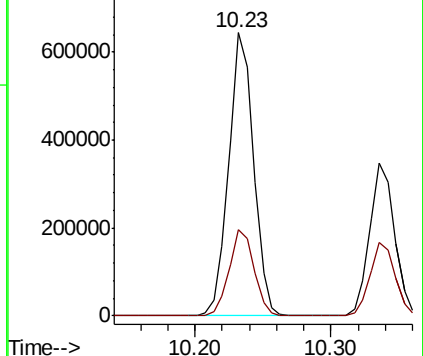
91 100

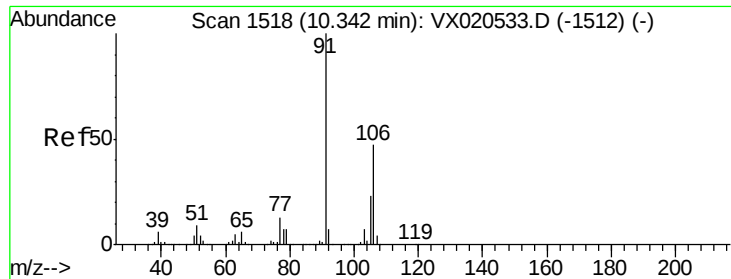
106 30.5 21.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 43.528 ug/L

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

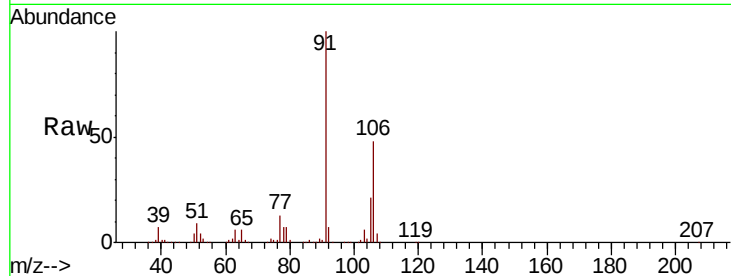
ClientSampleId :

Tot Ion:106 Resp: 215650

Ion Ratio Lower Upper

106 100

91 207.5 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

100000

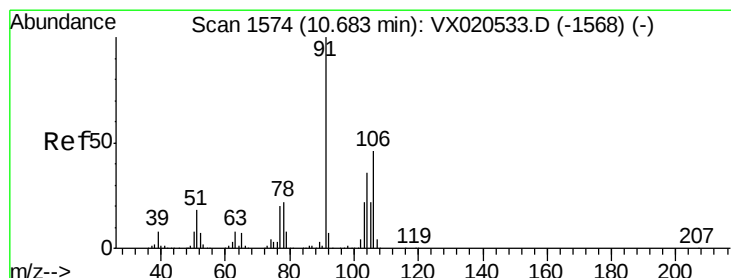
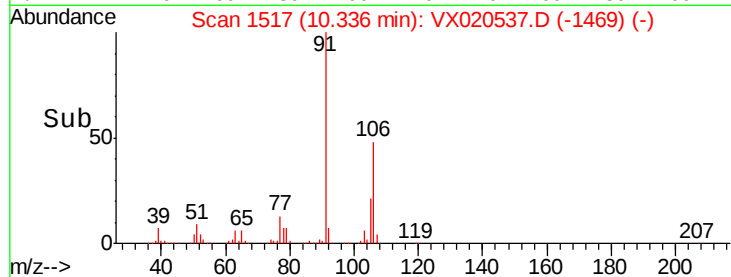
0

10.34

10.30

10.40

Time-->



#54

o-Xylene

Concen: 21.073 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX020537.D

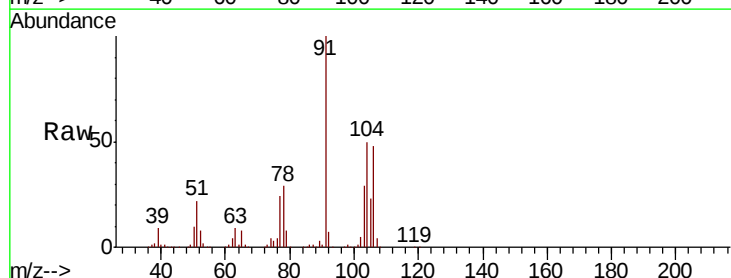
Acq: 08 Jan 2021 14:13

Tgt Ion:106 Resp: 101318

Ion Ratio Lower Upper

106 100

91 209.3 156.2 290.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

100000

50000

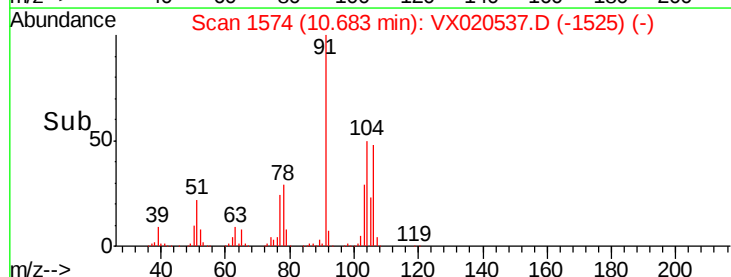
0

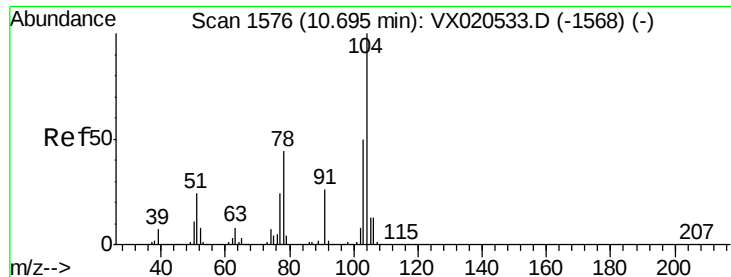
10.68

10.60

10.75

Time-->





#55

Stvrene

Concen: 35.511 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

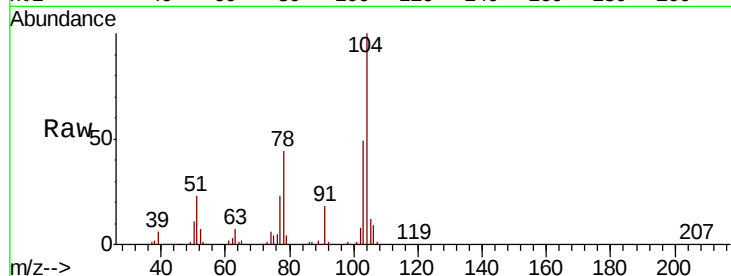
ClientSampleId :

Tot Ion:104 Resp: 289041

Ion Ratio Lower Upper

104 100

78 43.6 30.0 55.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

250000

200000

150000

100000

50000

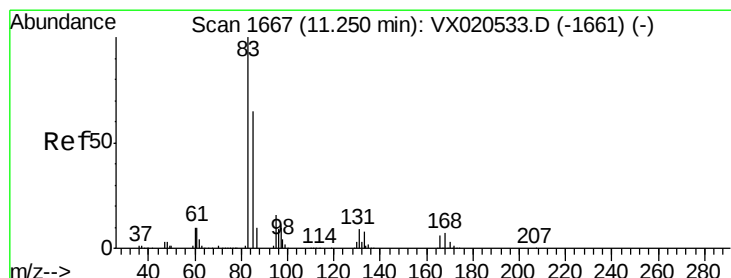
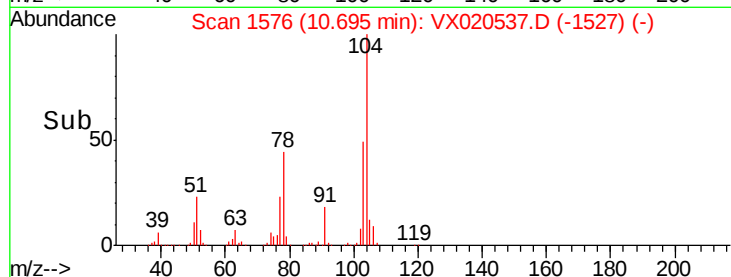
0

10.60

10.70

10.80

Time-->



#57

1,1,2,2-Tetrachloroethane

Concen: 67.280 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

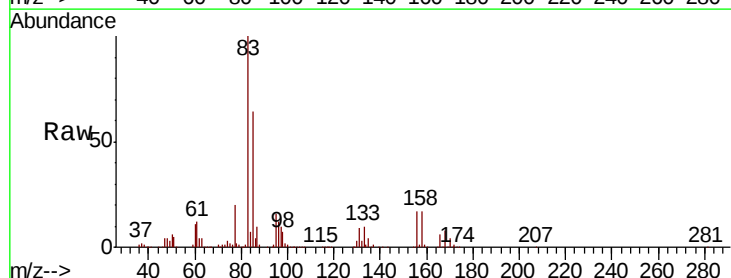
Tgt Ion: 83 Resp: 317289

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9

131 9.5 7.8 11.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 131.00 (130.70 to 131.70): V

300000

200000

100000

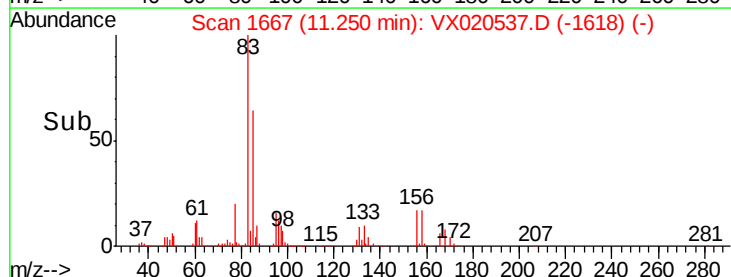
0

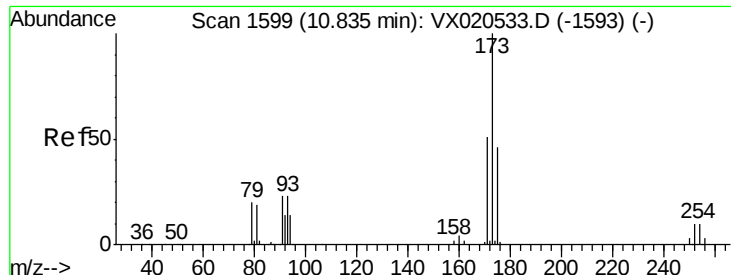
11.20

11.25

11.30

Time-->

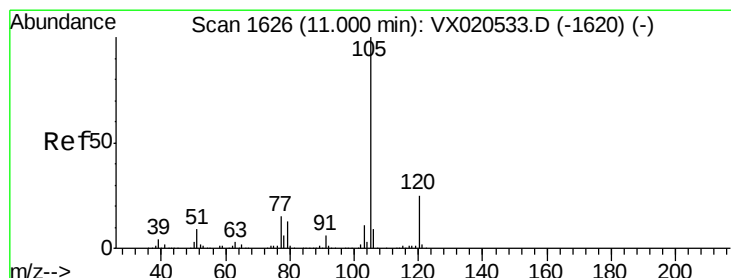
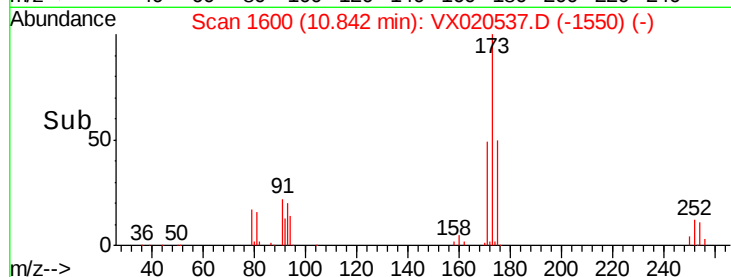
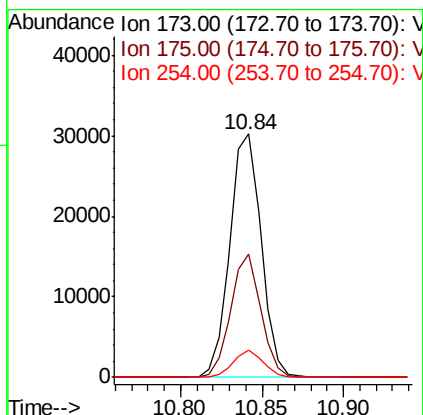
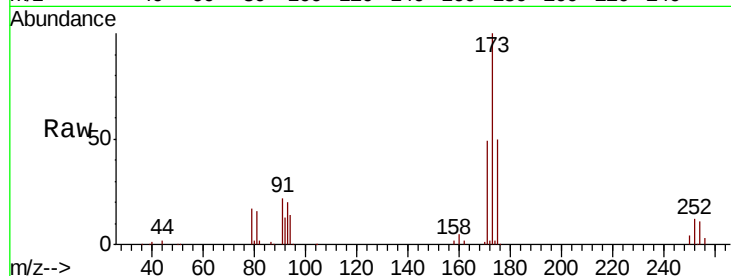




#59
Bromoform
Concen: 18.169 ug/L
RT: 10.84 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

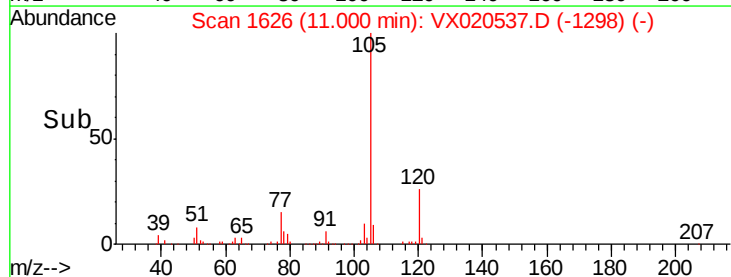
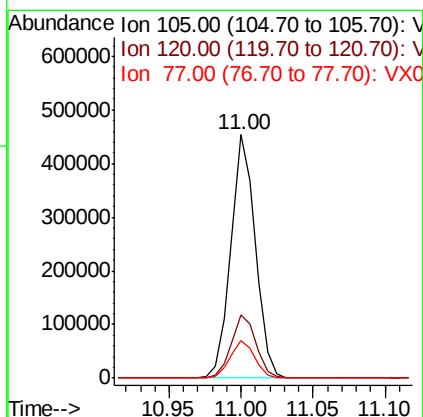
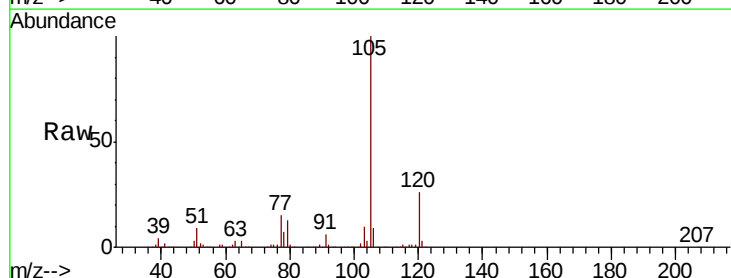
Instrument :
MSVOA_X
ClientSampleId :

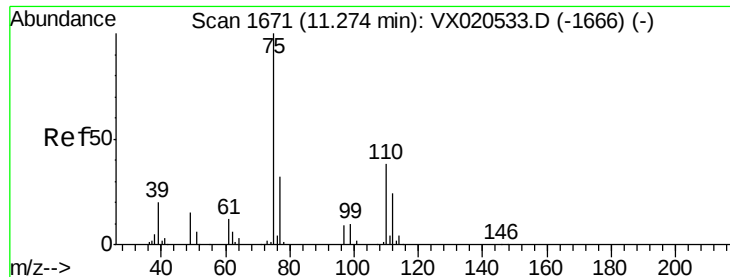
Tot Ion:173 Resp: 40467
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 10.5 8.6 13.0



#60
Isopropylbenzene
Concen: 43.383 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Tgt Ion:105 Resp: 545428
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 15.7 12.6 18.8



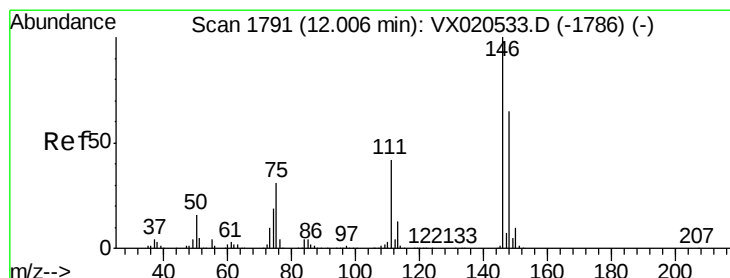
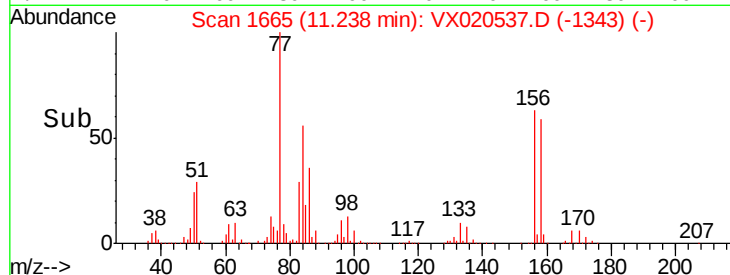
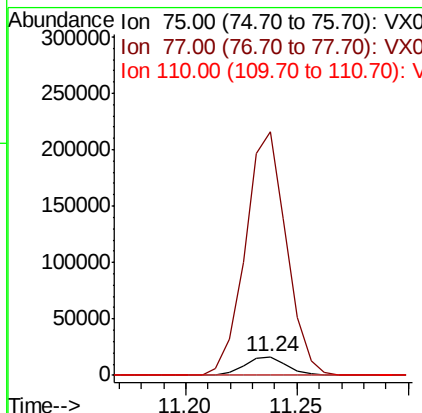
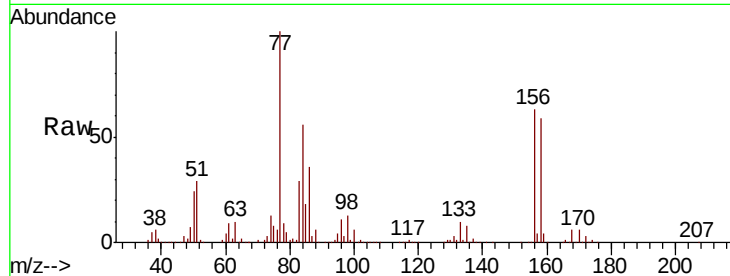


#61

1,2,3-Trichloropropane
Concen: 5.509 ug/L
RT: 11.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Instrument :
MSVOA_X
ClientSampled :

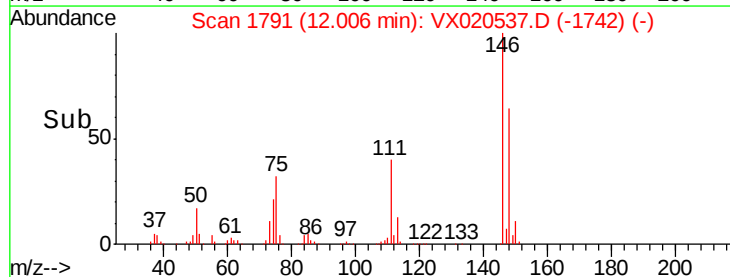
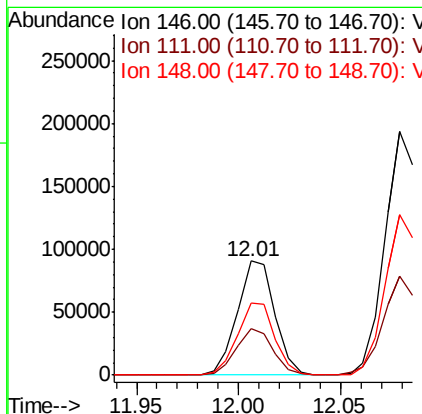
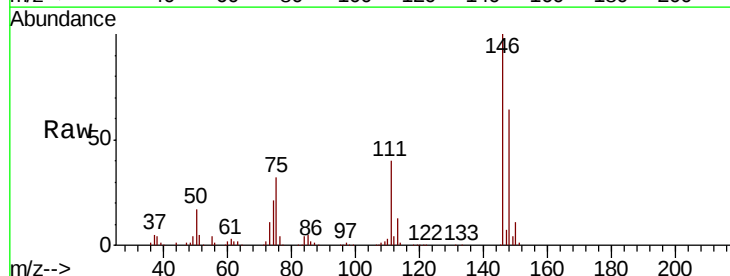
Tot Ion: 75 Resp: 21429
Ion Ratio Lower Upper
75 100
77 1296.5 26.2 39.2#
110 0.0 31.8 47.8#

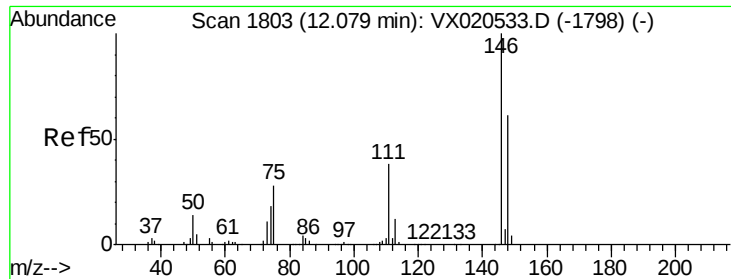


#64

1,3-Dichlorobenzene
Concen: 19.786 ug/L
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX020537.D
Acq: 08 Jan 2021 14:13

Tgt Ion: 146 Resp: 116051
Ion Ratio Lower Upper
146 100
111 40.4 28.9 53.7
148 63.5 47.7 88.7





#65

1,4-Dichlorobenzene

Concen: 40.184 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampled :

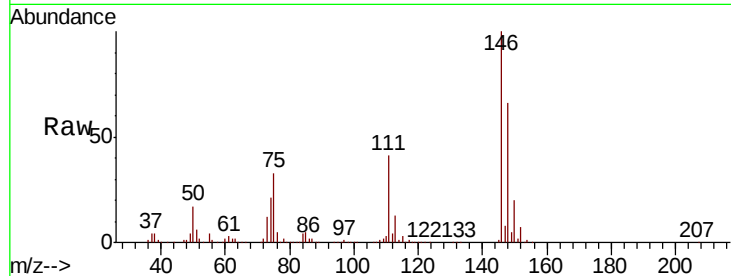
Tot Ion:146 Resp: 238137

Ion Ratio Lower Upper

146 100

111 40.7 28.7 53.3

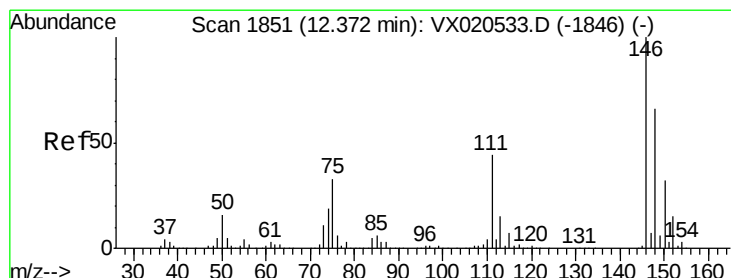
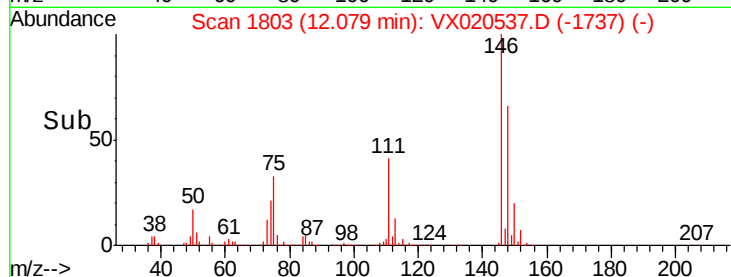
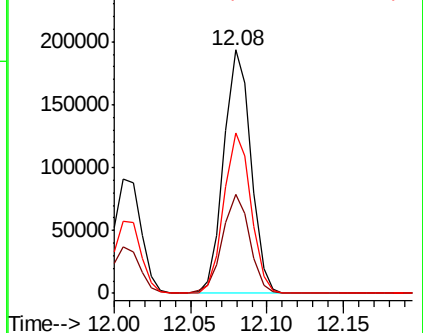
148 66.1 45.8 85.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,2-Dichlorobenzene

Concen: 61.559 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

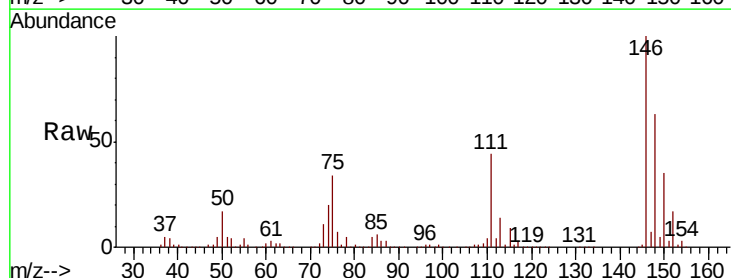
Tgt Ion:146 Resp: 359983

Ion Ratio Lower Upper

146 100

111 43.8 33.8 50.8

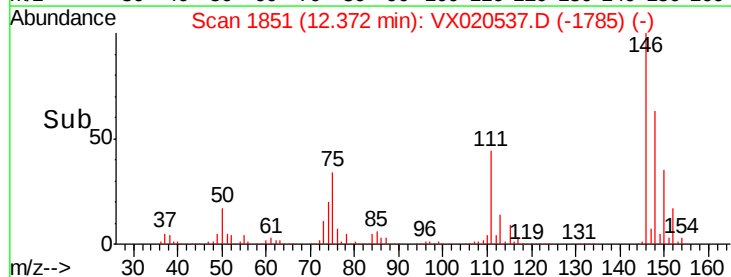
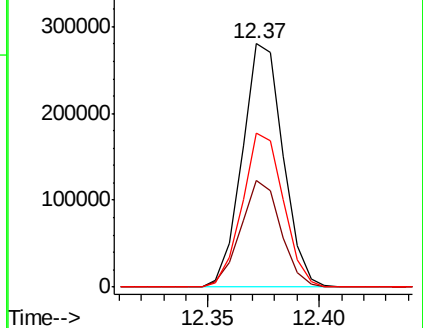
148 63.2 51.4 77.2

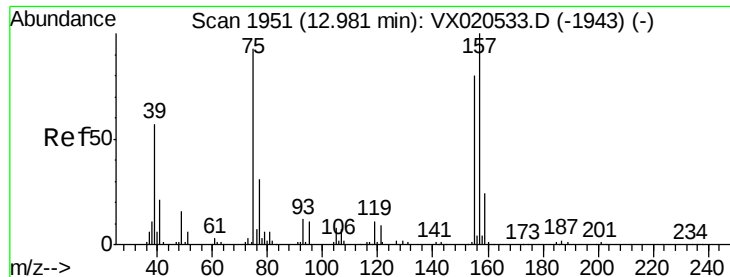


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#68

1,2-Dibromo-3-chloropropane

Concen: 71.970 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Instrument :

MSVOA_X

ClientSampleId :

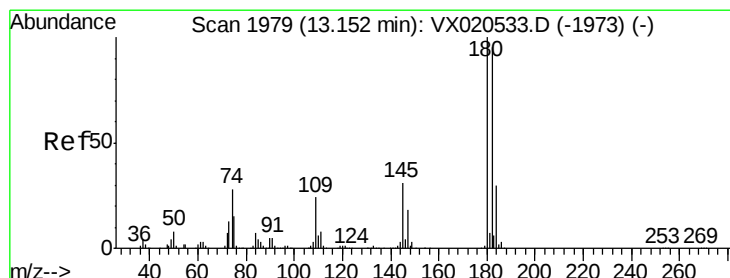
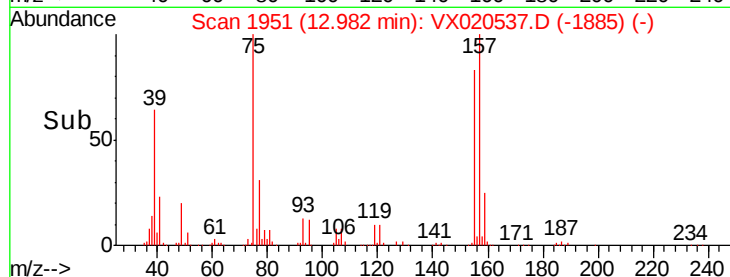
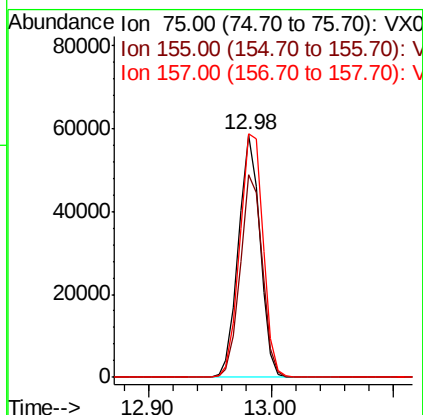
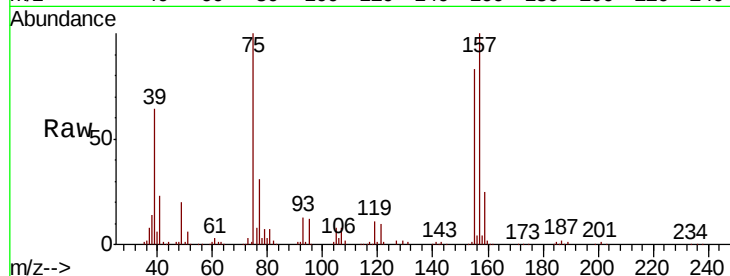
Tot Ion: 75 Resp: 70806

Ion Ratio Lower Upper

75 100

155 83.6 65.3 97.9

157 100.3 80.5 120.7



#69

1,3,5-Trichlorobenzene

Concen: 50.664 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX020537.D

Acq: 08 Jan 2021 14:13

Tgt Ion:180 Resp: 203998

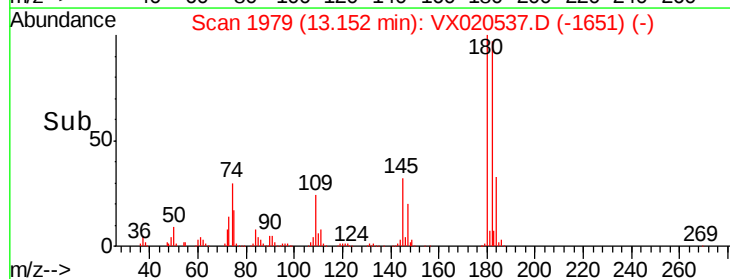
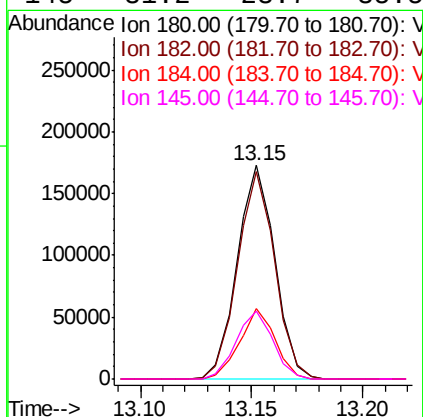
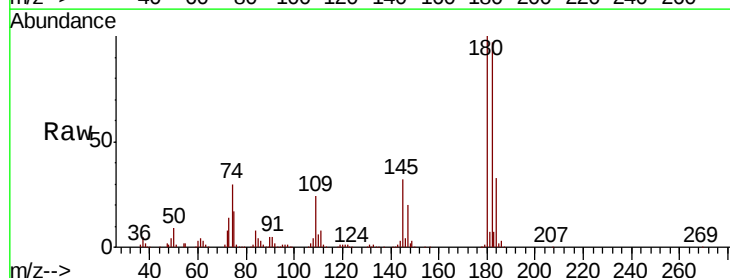
Ion Ratio Lower Upper

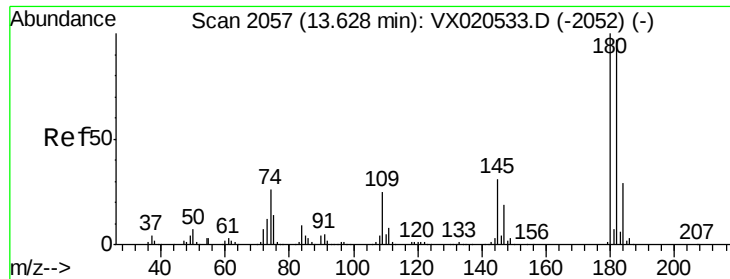
180 100

182 95.8 74.8 112.2

184 30.9 24.1 36.1

145 31.2 23.7 35.5

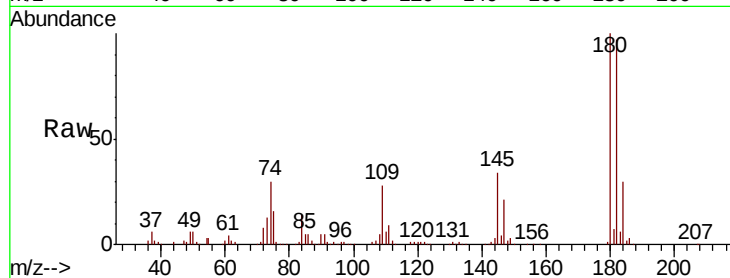




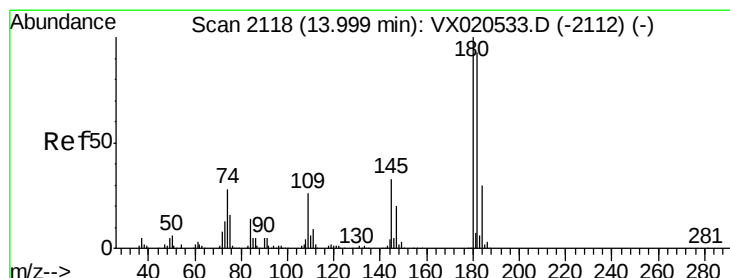
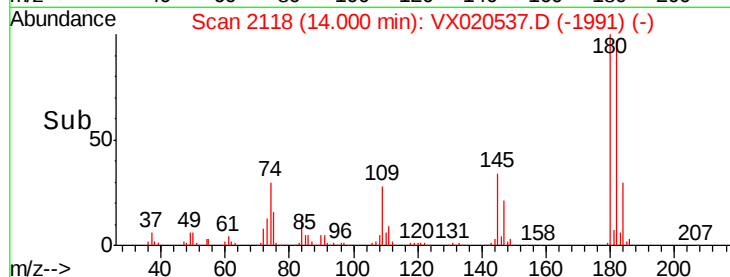
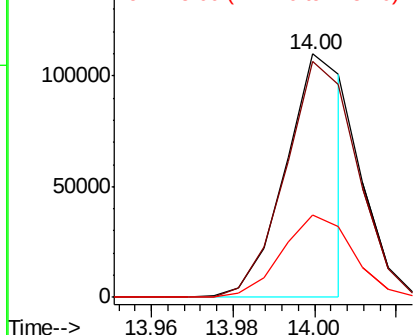
#70
 1,2,4-trichlorobenzene
 Concen: 31.728 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.37 min
 Lab File: VX020537.D
 Acq: 08 Jan 2021 14:13

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 109998
 Ion Ratio Lower Upper
 180 100
 182 97.0 74.3 111.5
 145 34.8 24.1 36.1

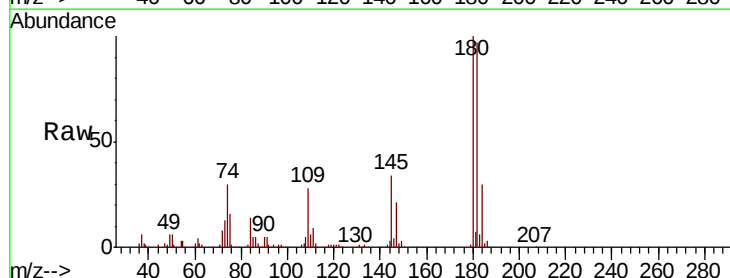


Abundance Ion 180.00 (179.70 to 180.70): V
 150000 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#72
 1,2,3-Trichlorobenzene
 Concen: 37.755 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX020537.D
 Acq: 08 Jan 2021 14:13

Tgt Ion:180 Resp: 134660
 Ion Ratio Lower Upper
 180 100
 182 96.9 74.6 112.0
 145 33.3 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V
 150000 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

