

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027539.D
 Acq On : 18 Mar 2022 19:39
 Operator : JC/MD
 Sample : N1998-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:09:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

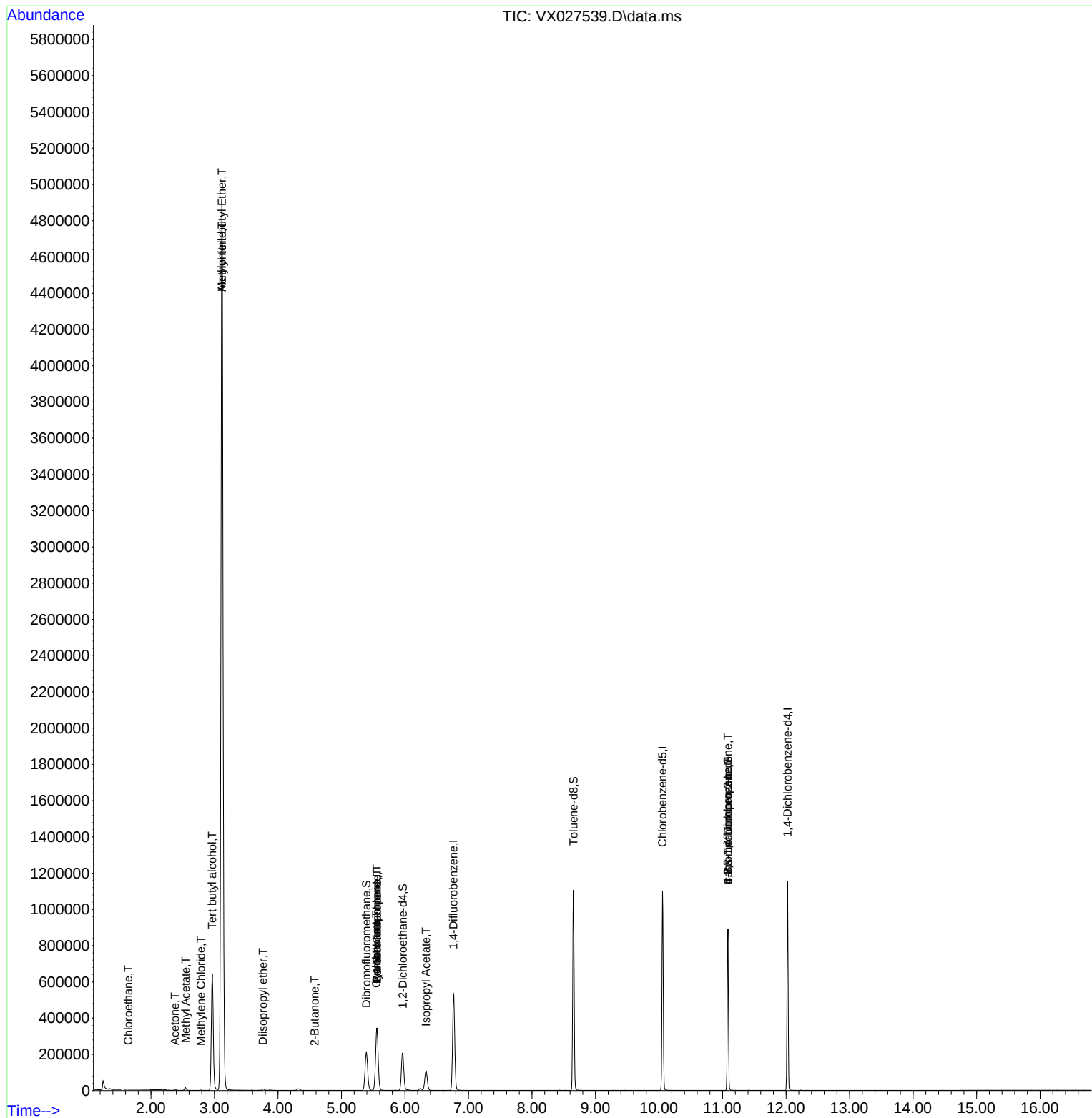
Internal Standards						
1) Pentafluorobenzene	5.556	168	340212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	569342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	209261	49.930	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.860%
35) Dibromofluoromethane	5.391	113	187022	51.056	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.120%
50) Toluene-d8	8.653	98	668694	48.242	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.085	95	236022	46.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.660%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	428	Below Cal		92
6) Chloroethane	1.642	64	3891	1.893	ug/l #	52
11) Tert butyl alcohol	2.965	59	722897	905.050	ug/l	100
15) Acrylonitrile	3.117	53	57926	31.899	ug/l #	29
16) Acetone	2.380	43	5596	3.276	ug/l	98
18) Methyl Acetate	2.544	43	4716	1.152	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	5564073	522.026	ug/l	98
20) Methylene Chloride	2.788	84	793	0.216	ug/l #	76
22) Diisopropyl ether	3.763	45	7259	0.752	ug/l	91
25) 2-Butanone	4.574	43	591	0.230	ug/l #	44
31) Cyclohexane	5.550	56	6106	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23714	4.737	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33526	5.854	ug/l #	15
43) Isopropyl Acetate	6.330	43	35142	4.378	ug/l #	7
76) 1,2,3-Trichloropropane	11.085	75	114225	23.400	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	114225	71.066	ug/l #	15

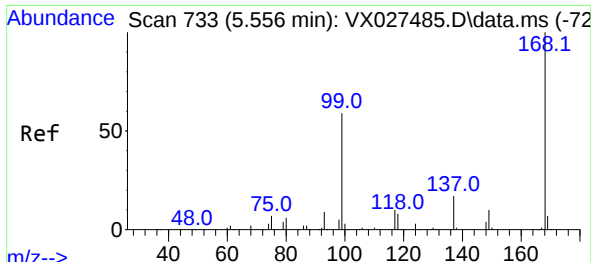
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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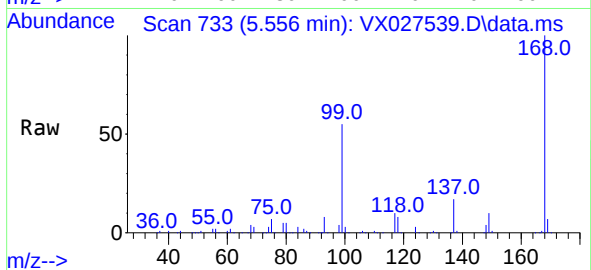
Quant Time: Mar 19 03:09:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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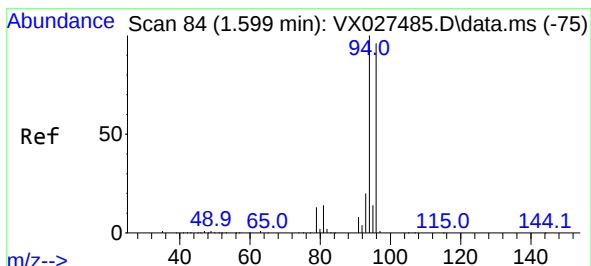
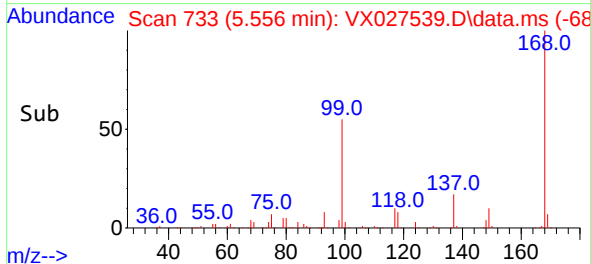
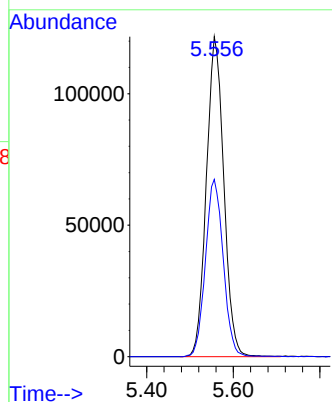


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

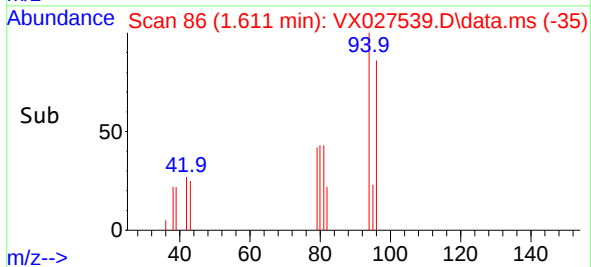
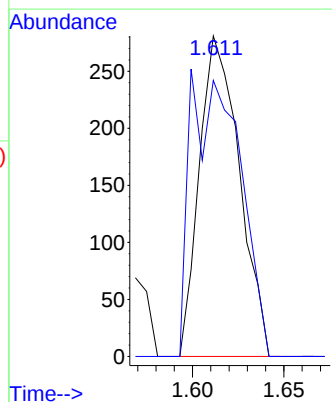
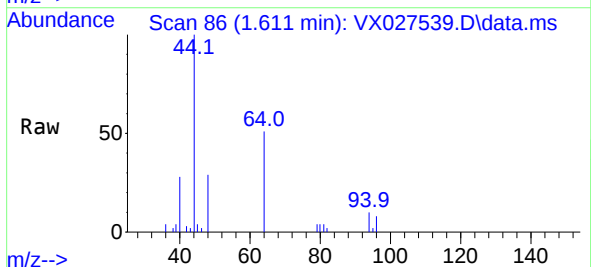


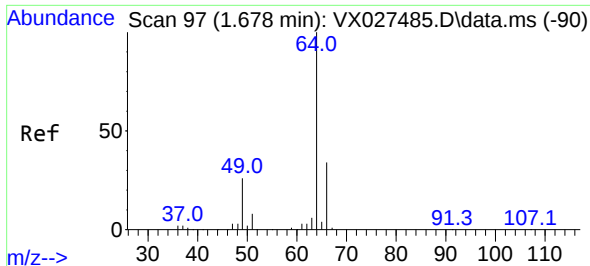
Tgt Ion:168 Resp: 340212
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 94 Resp: 428
Ion Ratio Lower Upper
94 100
96 86.1 75.3 112.9

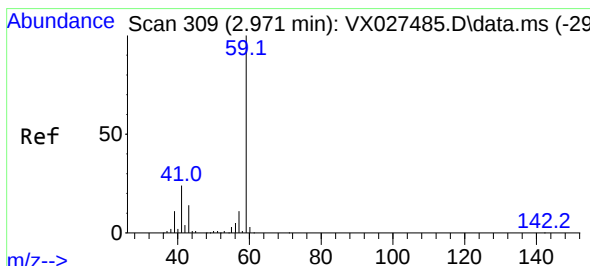
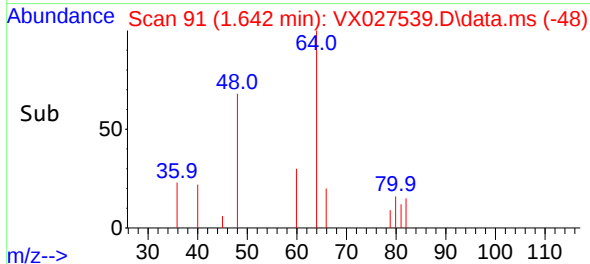
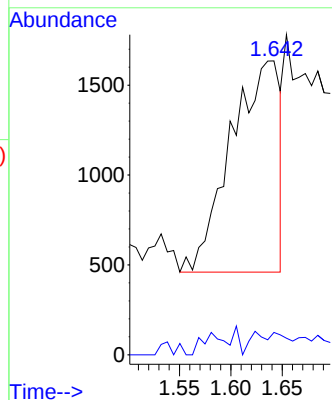
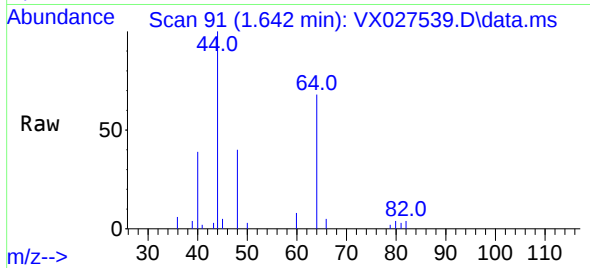




#6
Chloroethane
Concen: 1.893 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

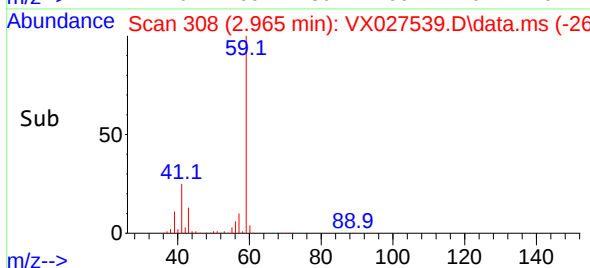
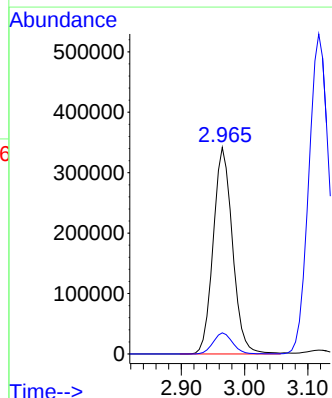
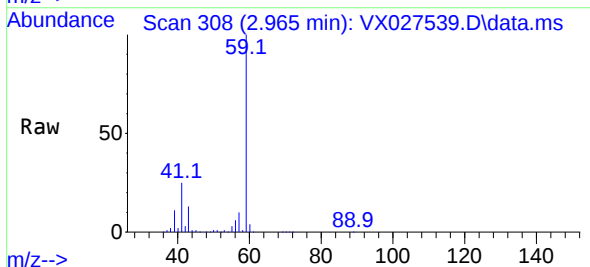
Instrument :
MSVOA_X
ClientSampleId :

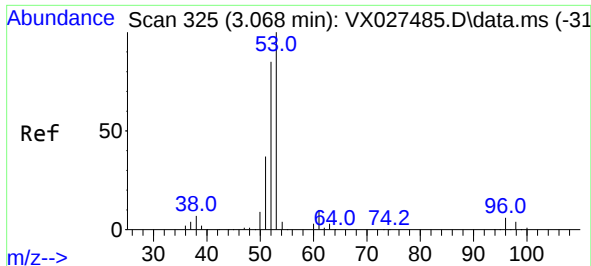
Tgt Ion: 64 Resp: 3891
Ion Ratio Lower Upper
64 100
66 5.2 25.3 37.9#



#11
Tert butyl alcohol
Concen: 905.050 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 59 Resp: 722897
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5





#15

Acrylonitrile

Concen: 31.899 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.049 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

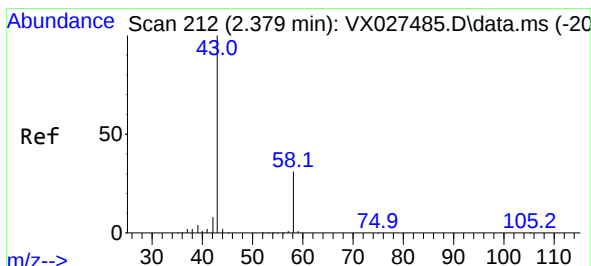
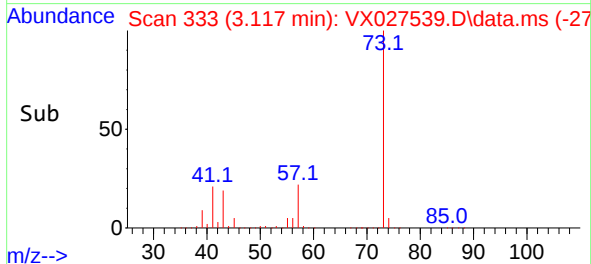
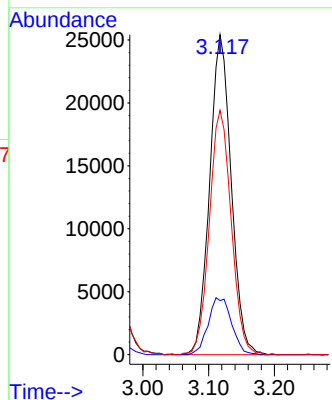
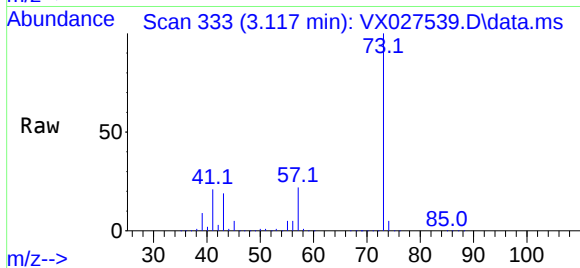
Tgt Ion: 53 Resp: 57926

Ion Ratio Lower Upper

53 100

52 19.3 65.7 98.5#

51 77.4 28.4 42.6#



#16

Acetone

Concen: 3.276 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027539.D

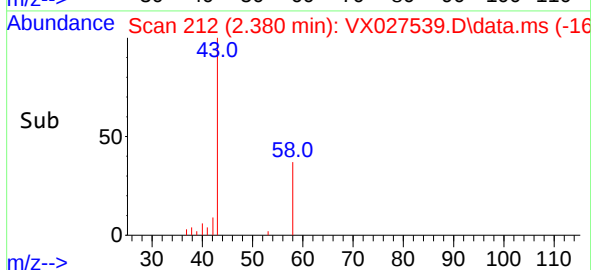
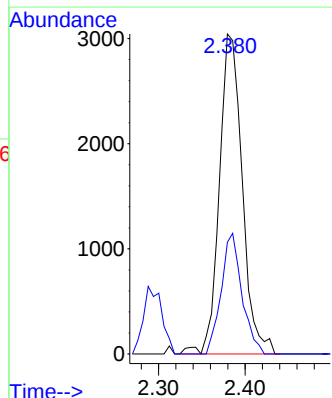
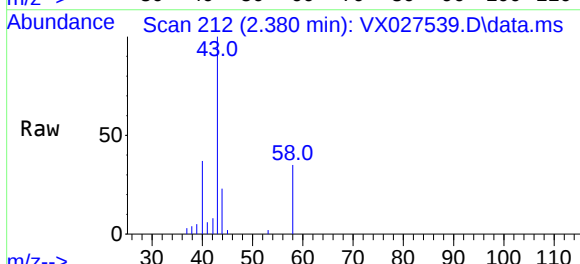
Acq: 18 Mar 2022 19:39

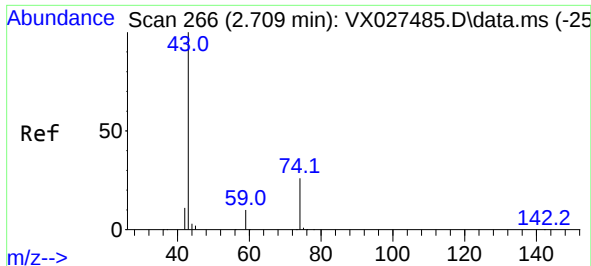
Tgt Ion: 43 Resp: 5596

Ion Ratio Lower Upper

43 100

58 34.9 28.8 43.2





#18

Methyl Acetate

Concen: 1.152 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.165 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

Instrument :

MSVOA_X

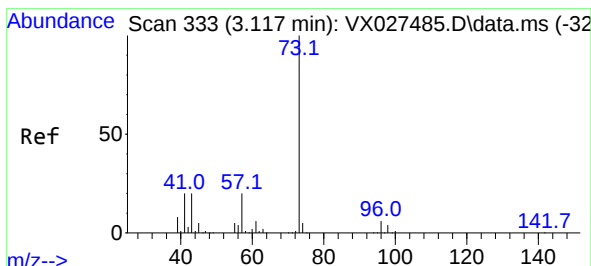
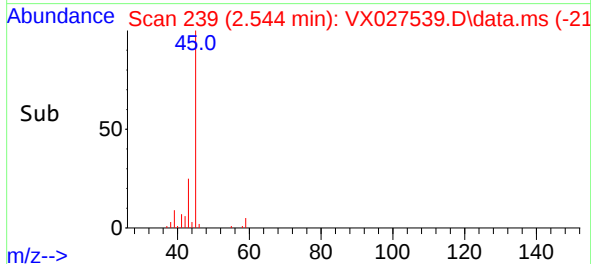
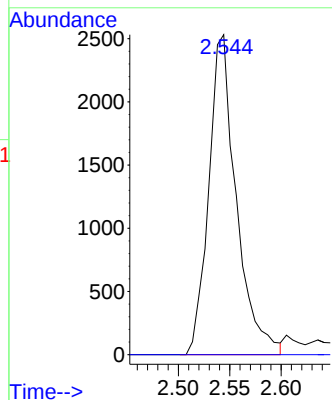
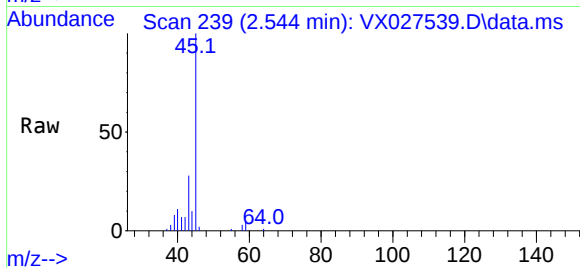
ClientSampleId :

Tgt Ion: 43 Resp: 4716

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 522.026 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX027539.D

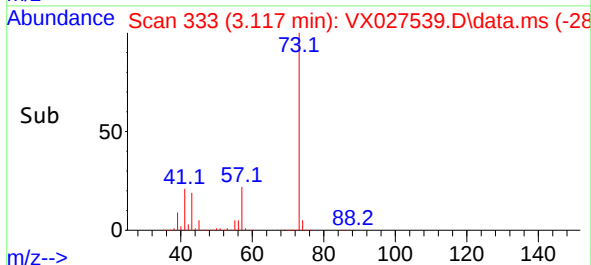
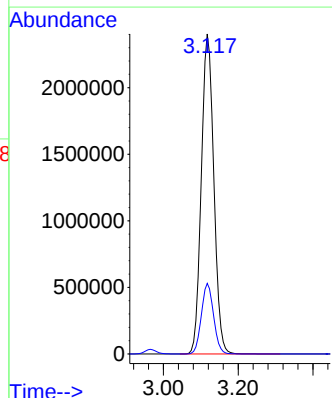
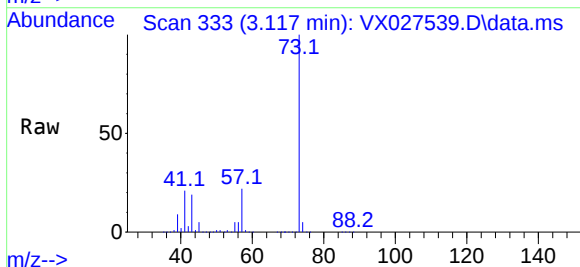
Acq: 18 Mar 2022 19:39

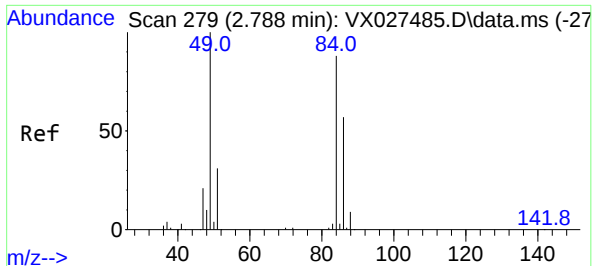
Tgt Ion: 73 Resp: 5564073

Ion Ratio Lower Upper

73 100

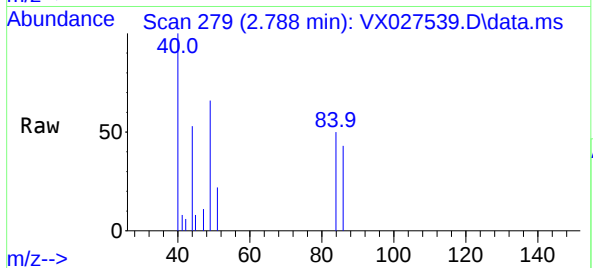
57 22.0 16.8 25.2



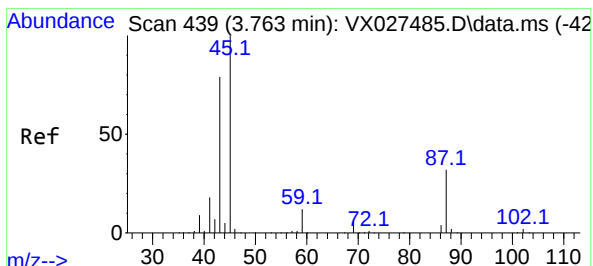
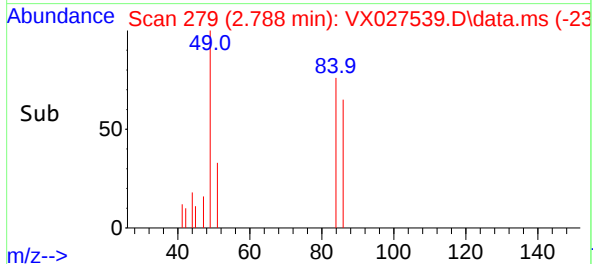
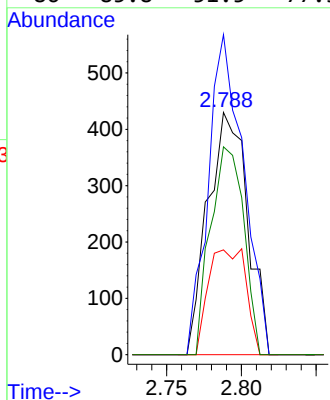


#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

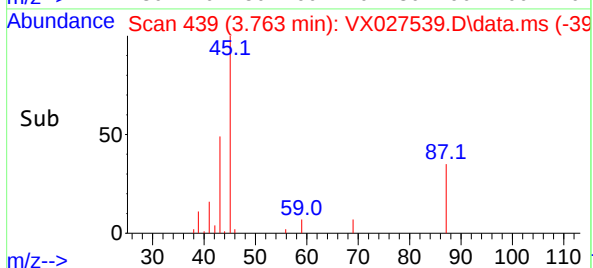
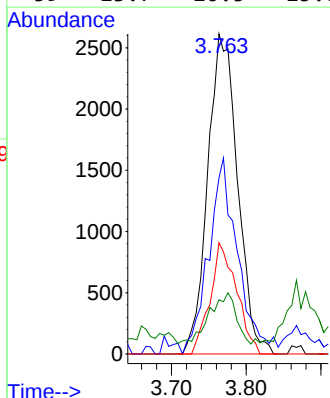
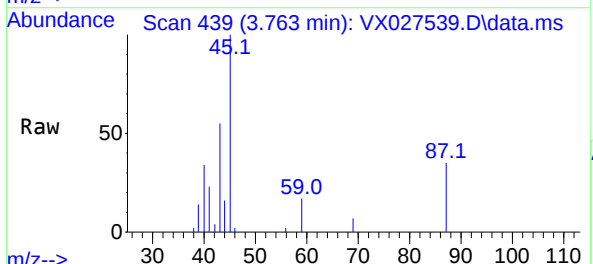


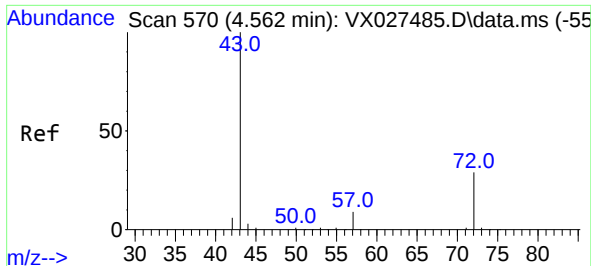
Tgt Ion: 84 Resp: 793
Ion Ratio Lower Upper
84 100
49 132.1 85.5 128.3#
51 43.3 26.6 39.8#
86 85.8 51.5 77.3#



#22
Diisopropyl ether
Concen: 0.752 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 45 Resp: 7259
Ion Ratio Lower Upper
45 100
43 52.9 50.8 76.2
87 34.7 26.6 39.8
59 13.7 10.5 15.7





#25

2-Butanone

Concen: 0.230 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

Instrument :

MSVOA_X

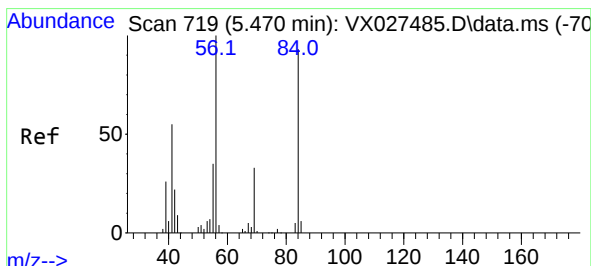
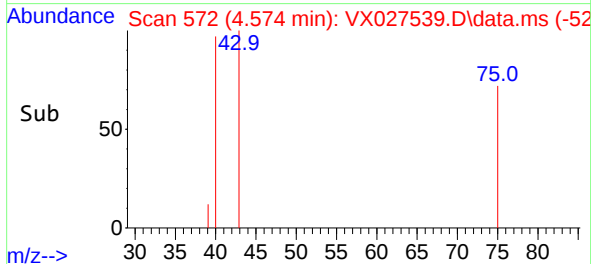
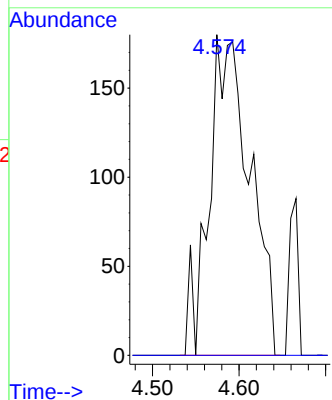
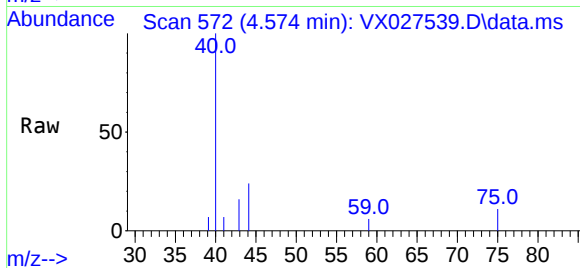
ClientSampleId :

Tgt Ion: 43 Resp: 591

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

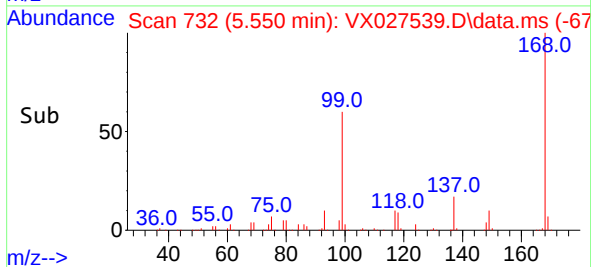
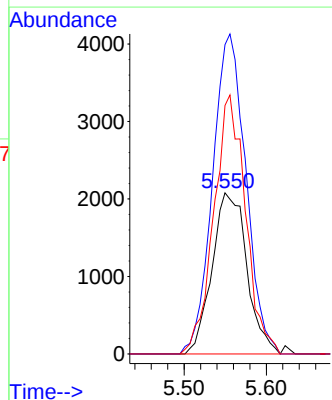
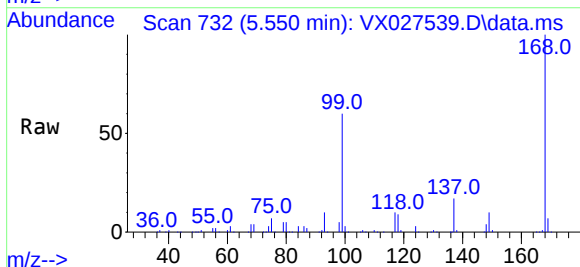
Tgt Ion: 56 Resp: 6106

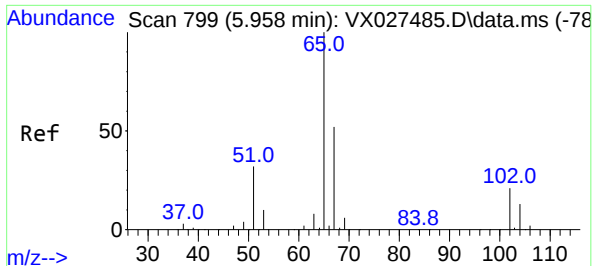
Ion Ratio Lower Upper

56 100

69 192.0 26.7 40.1#

84 154.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.930 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

Instrument :

MSVOA_X

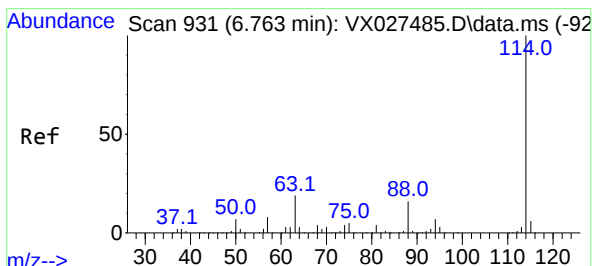
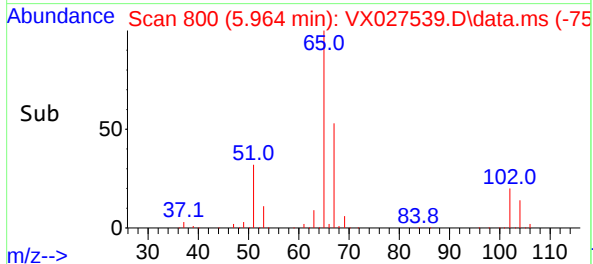
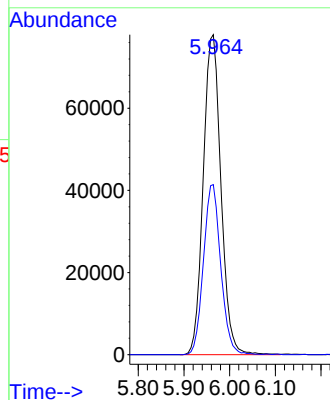
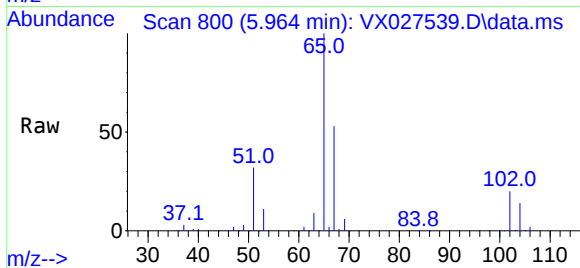
ClientSampleId :

Tgt Ion: 65 Resp: 209261

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

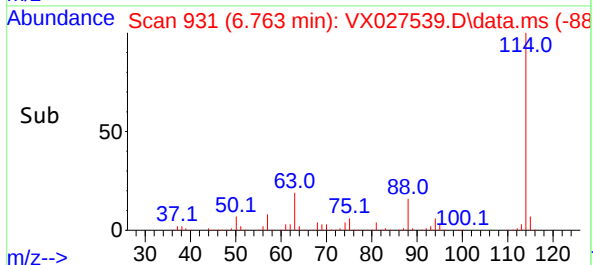
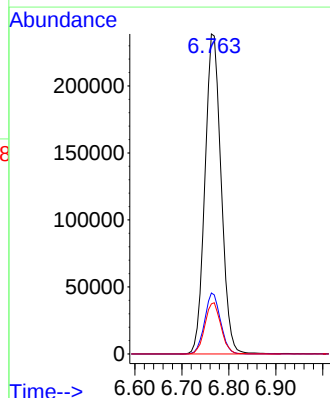
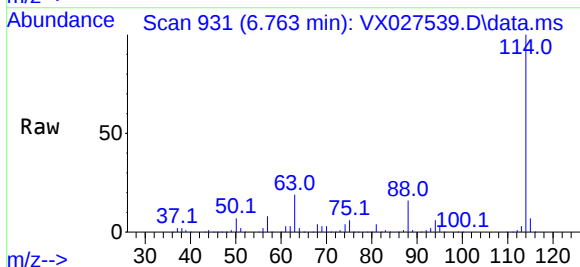
Tgt Ion: 114 Resp: 569342

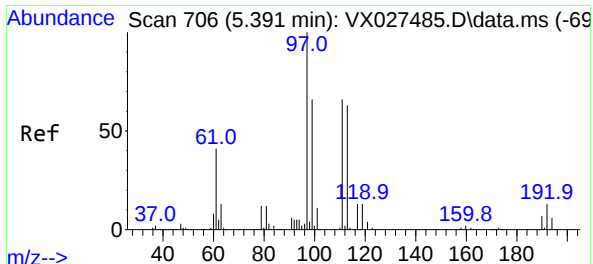
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.7 0.0 32.4

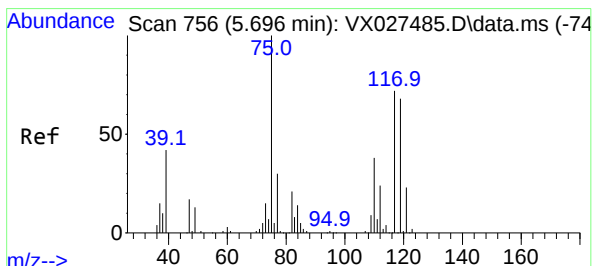
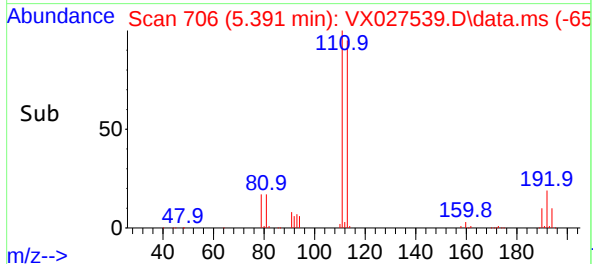
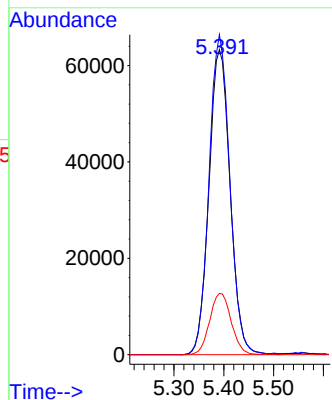
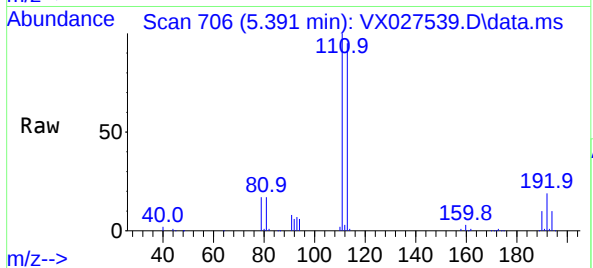




#35
Dibromofluoromethane
Concen: 51.056 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

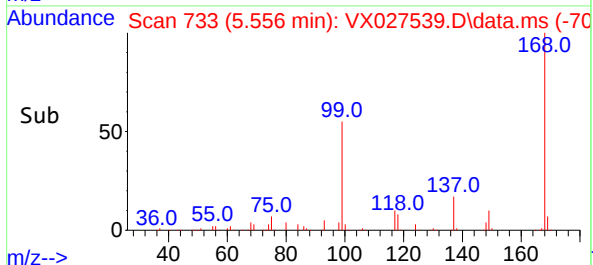
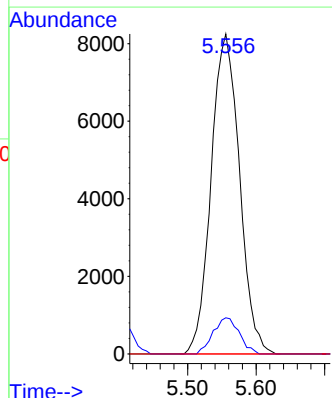
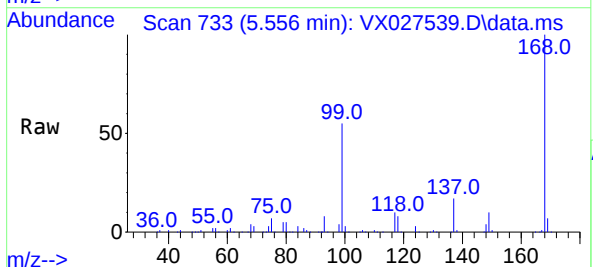
Instrument :
MSVOA_X
ClientSampleId :

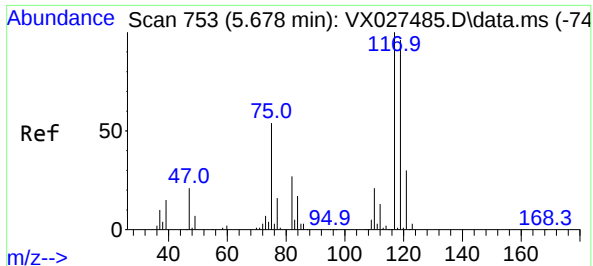
Tgt Ion:113 Resp: 187022
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.737 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

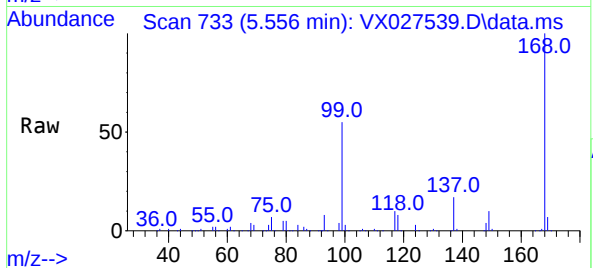
Tgt Ion: 75 Resp: 23714
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



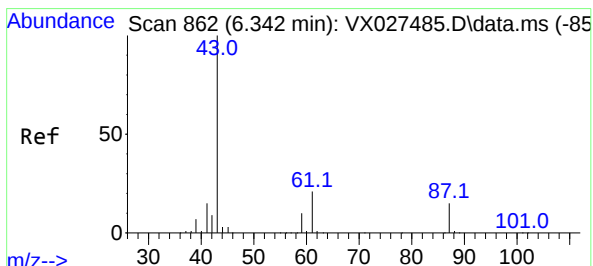
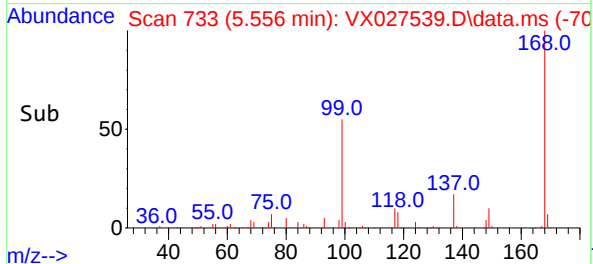
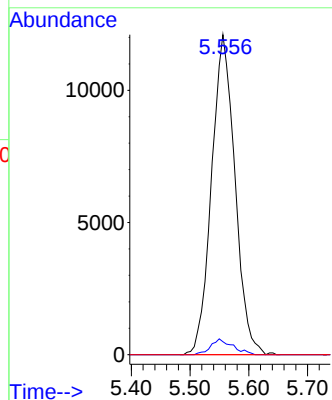


#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

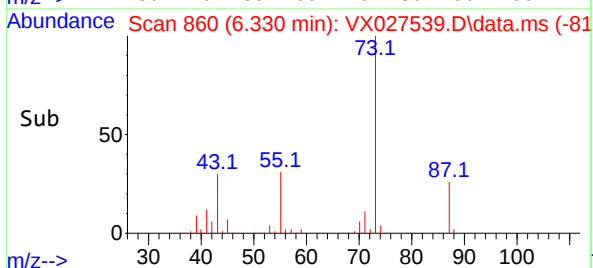
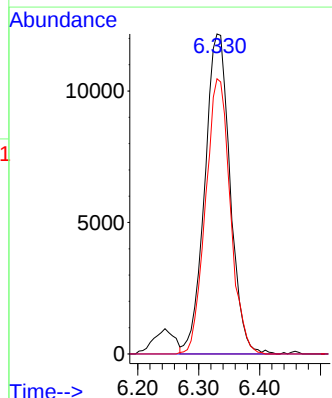
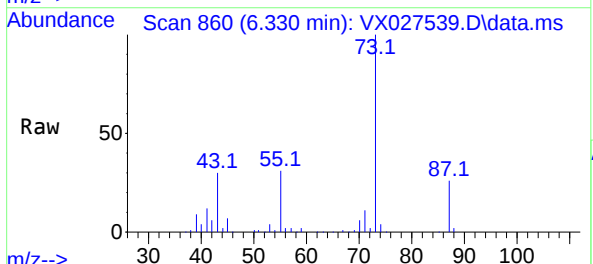


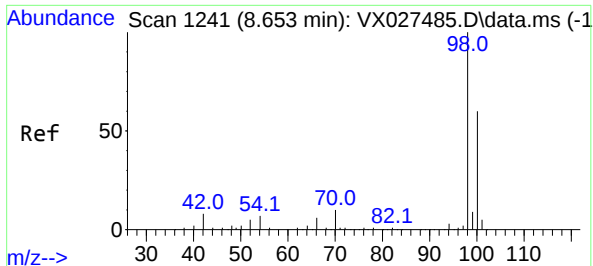
Tgt Ion:117 Resp: 33526
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 4.378 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 43 Resp: 35142
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 84.0 13.0 19.6#

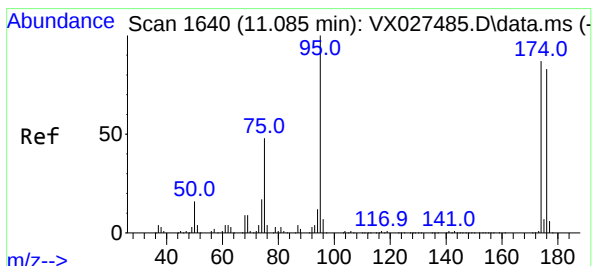
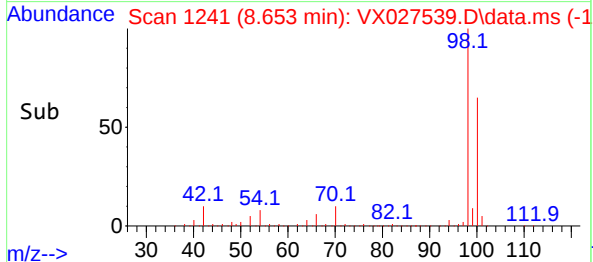
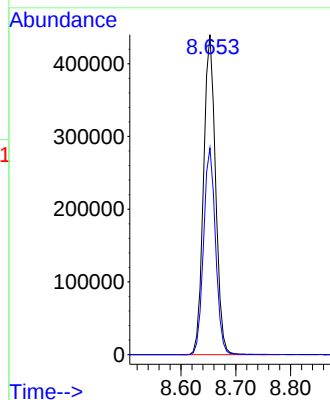
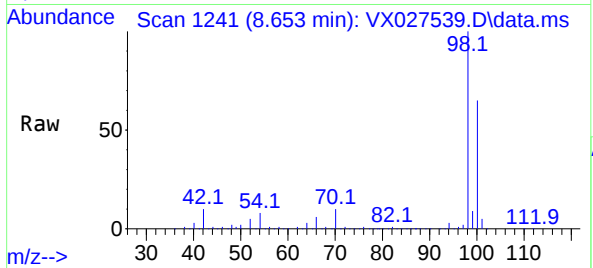




#50
Toluene-d8
Concen: 48.242 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

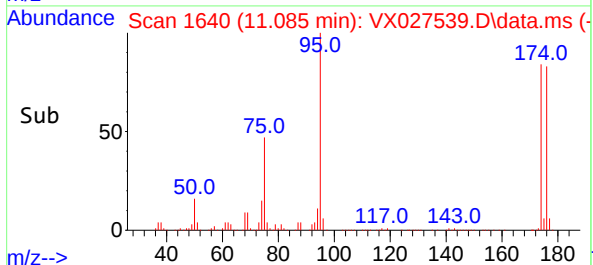
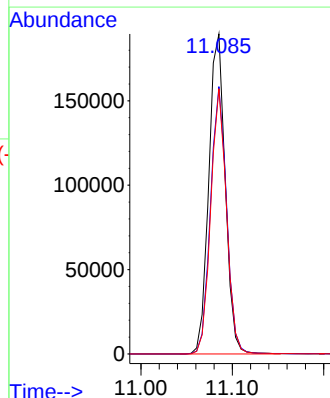
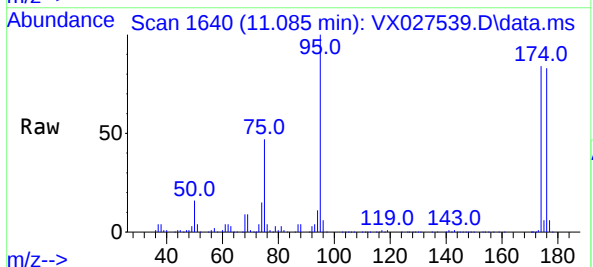
Instrument :
MSVOA_X
ClientSampleId :

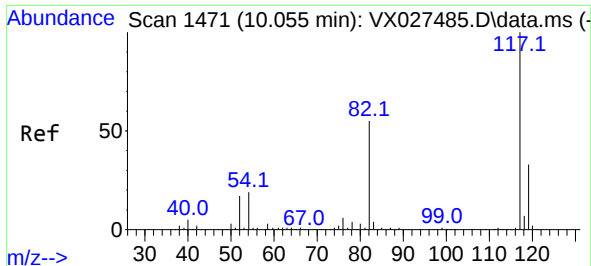
Tgt Ion: 98 Resp: 668694
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 95 Resp: 236022
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 79.8 0.0 155.0

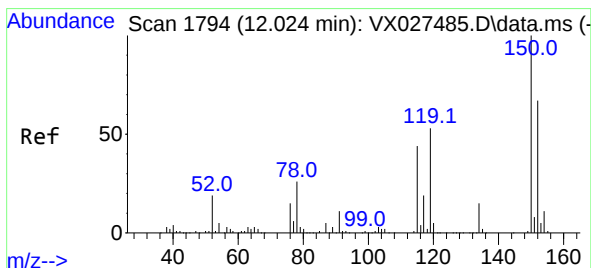
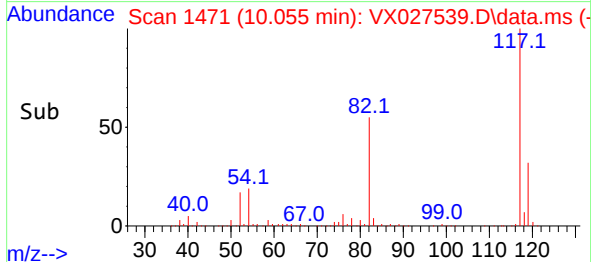
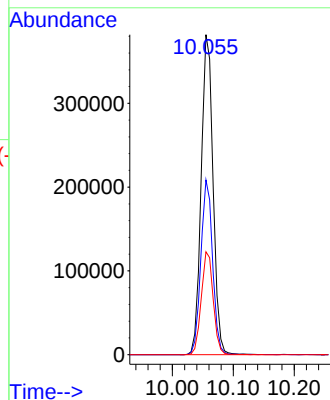
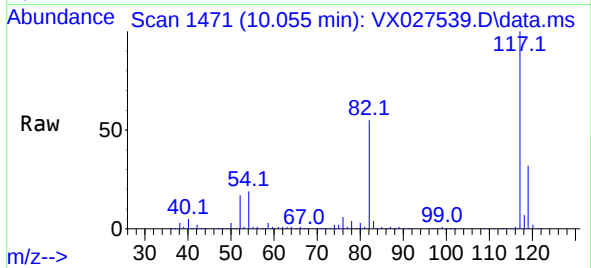




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

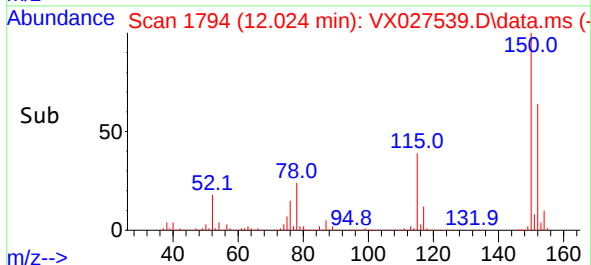
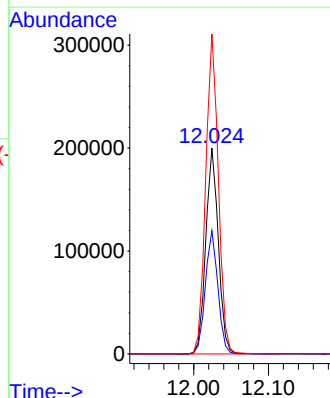
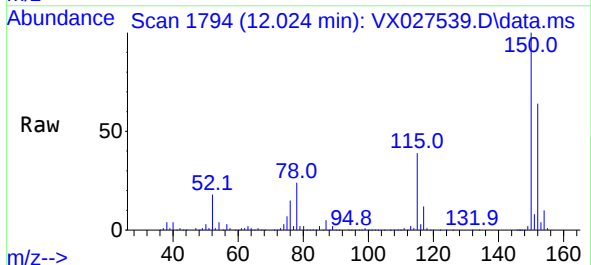
Instrument :
MSVOA_X
ClientSampleId :

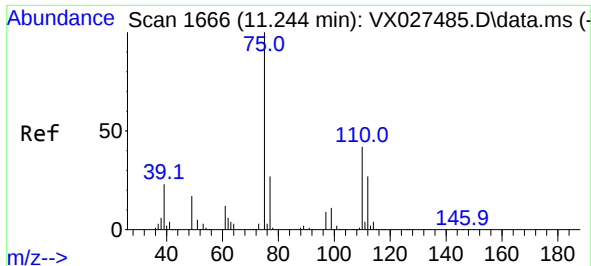
Tgt Ion:117 Resp: 518748
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion:152 Resp: 233378
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 156.3 0.0 338.2

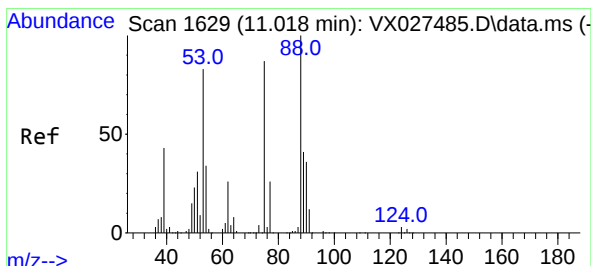
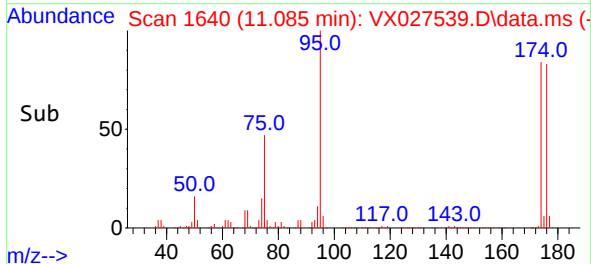
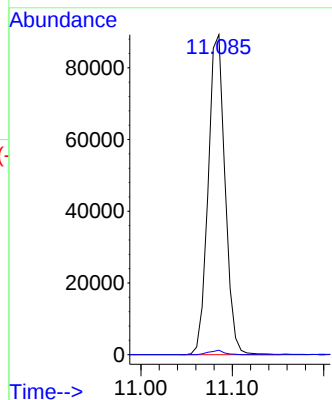
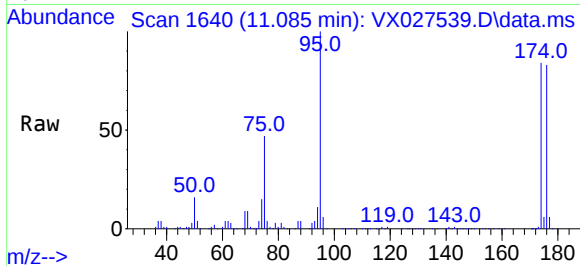




#76
1,2,3-Trichloropropane
Concen: 23.400 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 114225
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.066 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 75 Resp: 114225
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

