

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027535.D
 Acq On : 18 Mar 2022 18:05
 Operator : JC/MD
 Sample : N1998-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:09:03 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)

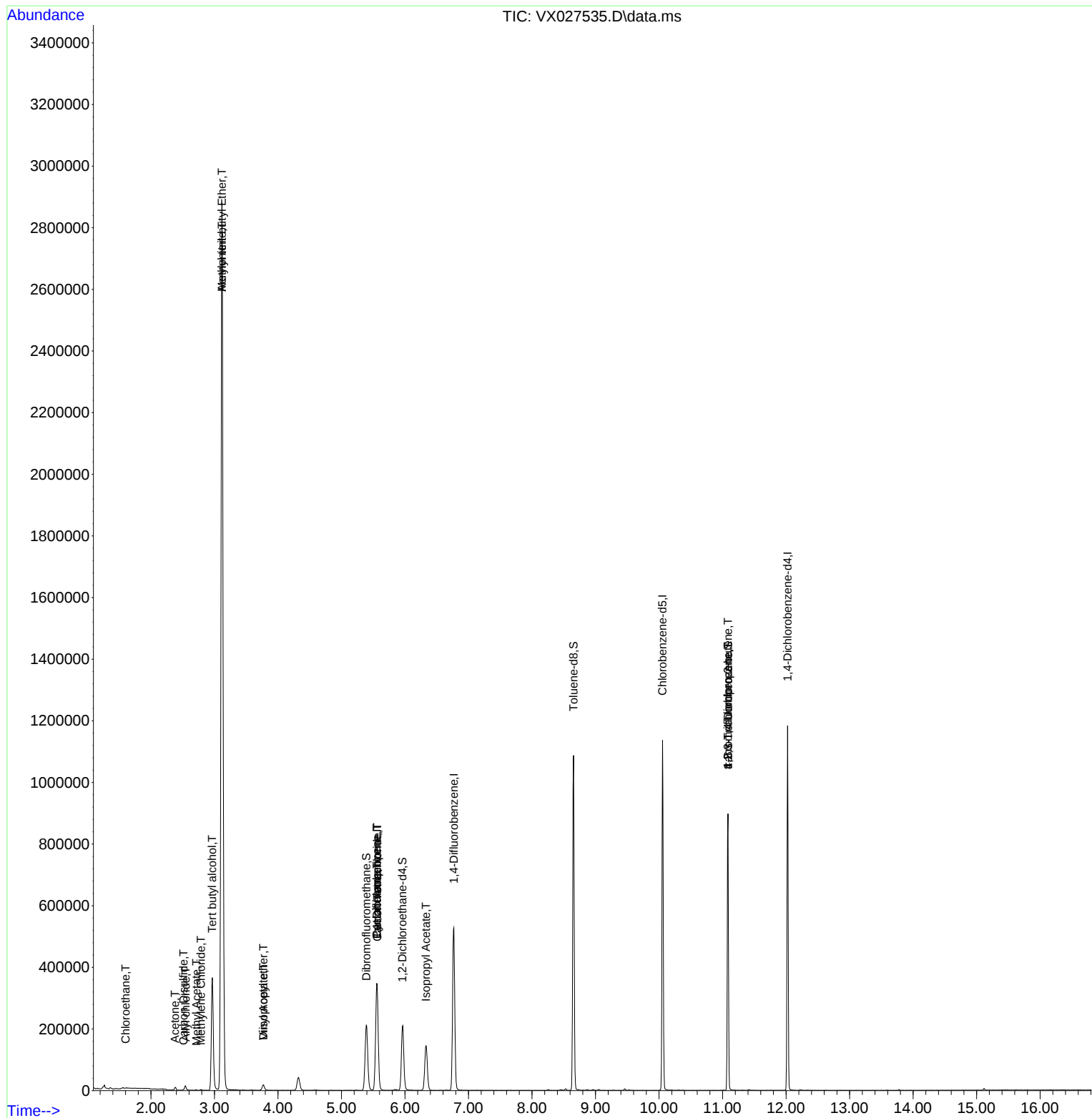
Internal Standards						
1) Pentafluorobenzene	5.556	168	341871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	574431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	209870	49.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.660%		
35) Dibromofluoromethane	5.391	113	190094	51.435	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.880%		
50) Toluene-d8	8.653	98	668218	47.780	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.085	95	241484	46.978	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.960%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	810	Below Cal		82
6) Chloroethane	1.599	64	4135	2.002 ug/l #		52
11) Tert butyl alcohol	2.965	59	417675	520.382 ug/l		100
14) Allyl chloride	2.544	41	1622	0.327 ug/l #		56
15) Acrylonitrile	3.117	53	34251	18.770 ug/l #		29
16) Acetone	2.380	43	10389	6.052 ug/l		96
17) Carbon Disulfide	2.514	76	2620	0.324 ug/l #		94
18) Methyl Acetate	2.715	43	1665	0.405 ug/l #		64
19) Methyl tert-butyl Ether	3.117	73	3266691	304.996 ug/l		99
20) Methylene Chloride	2.788	84	901	0.244 ug/l #		94
22) Diisopropyl ether	3.770	45	17357	1.789 ug/l		92
23) Vinyl Acetate	3.770	43	9625	1.141 ug/l #		66
31) Cyclohexane	5.556	56	5985	1.144 ug/l #		4
36) 1,1-Dichloropropene	5.556	75	24145	4.781 ug/l #		50
38) Carbon Tetrachloride	5.562	117	34825	6.027 ug/l #		15
43) Isopropyl Acetate	6.330	43	46311	5.718 ug/l #		7
76) 1,2,3-Trichloropropane	11.085	75	118701	23.025 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	118701	69.926 ug/l #		15

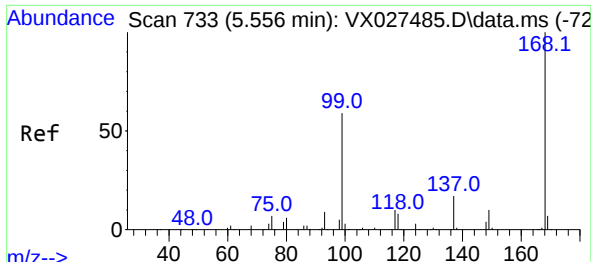
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027535.D
Acq On : 18 Mar 2022 18:05
Operator : JC/MD
Sample : N1998-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 19 03:09:03 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

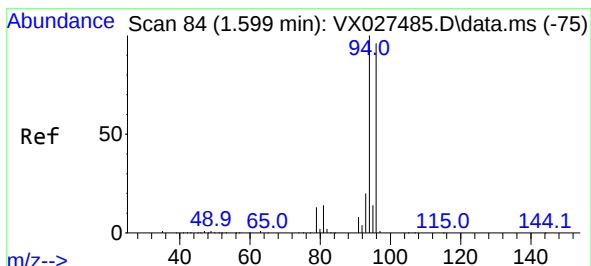
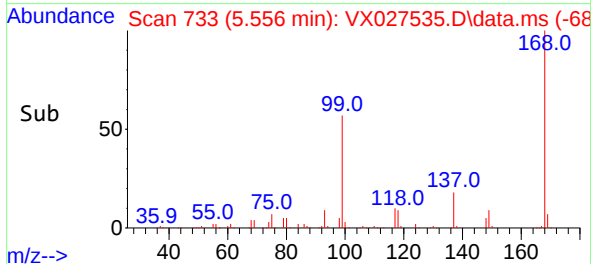
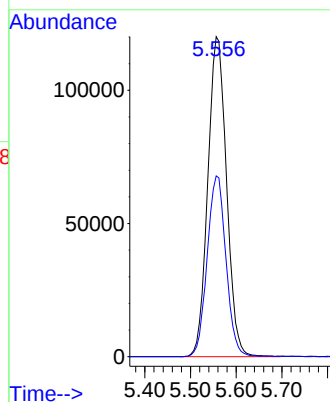
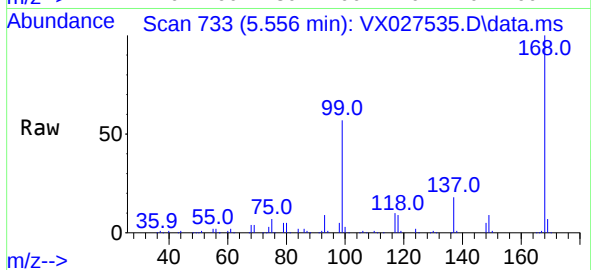




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

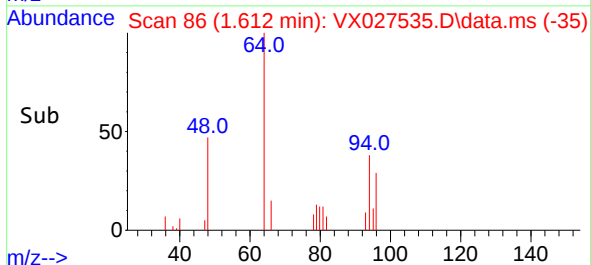
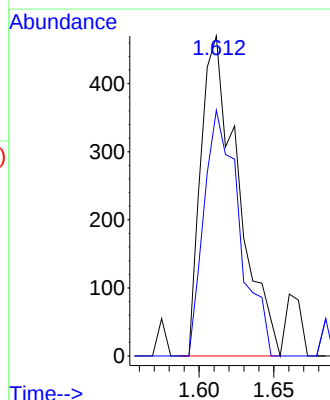
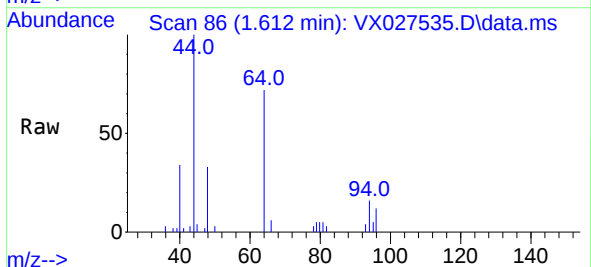
Instrument :
MSVOA_X
ClientSampleId :

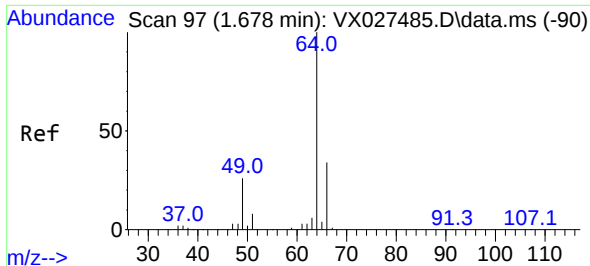
Tgt Ion:168 Resp: 341871
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

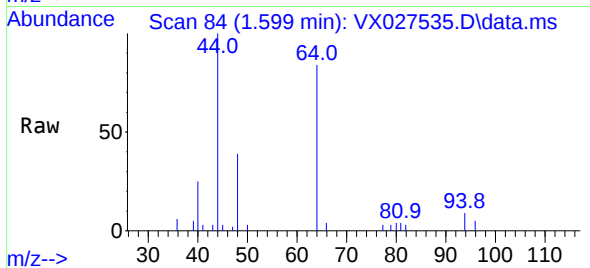
Tgt Ion: 94 Resp: 810
Ion Ratio Lower Upper
94 100
96 76.8 75.3 112.9



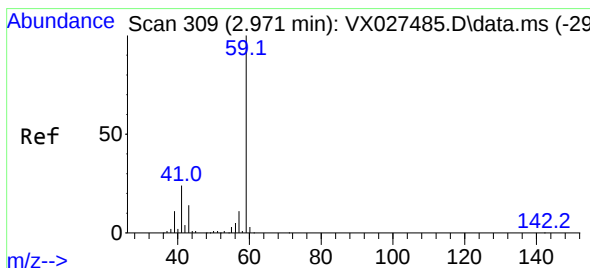
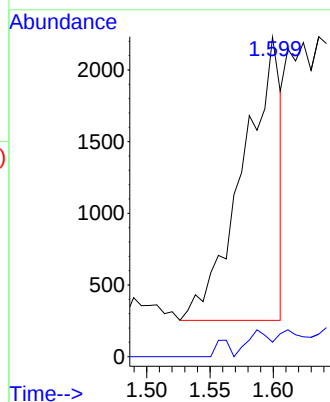
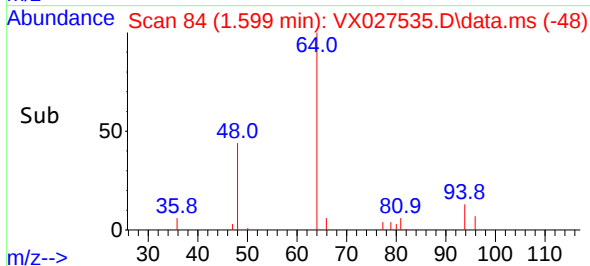


#6
Chloroethane
Concen: 2.002 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.079 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :

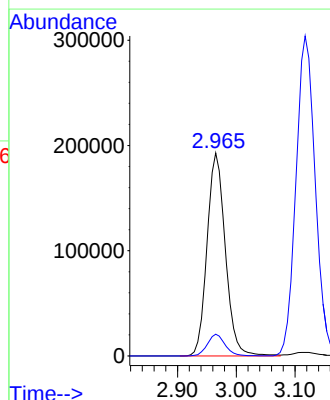
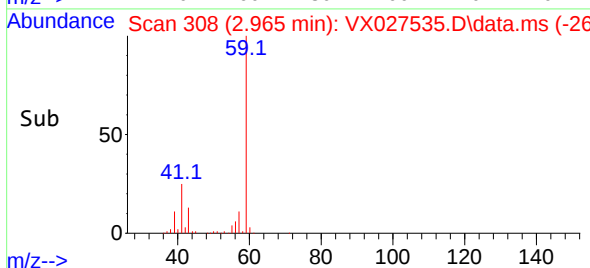
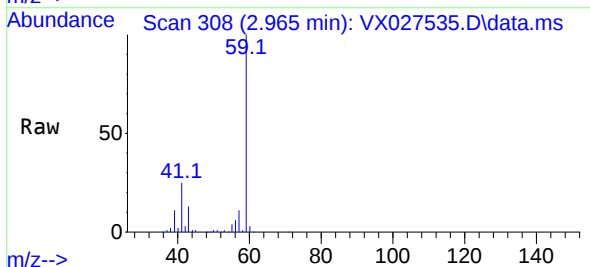


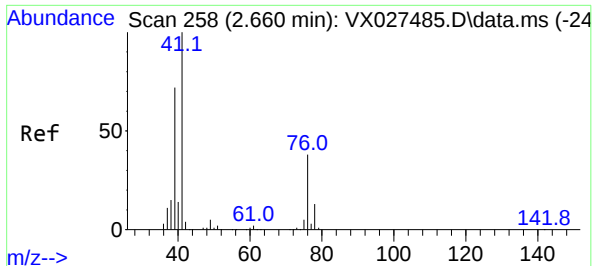
Tgt Ion: 64 Resp: 4135
Ion Ratio Lower Upper
64 100
66 5.1 25.3 37.9#



#11
Tert butyl alcohol
Concen: 520.382 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

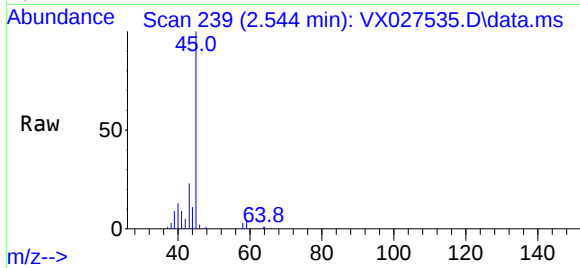
Tgt Ion: 59 Resp: 417675
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



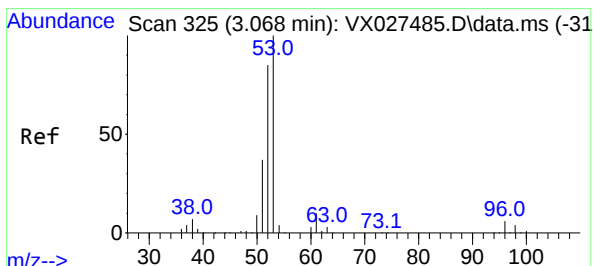
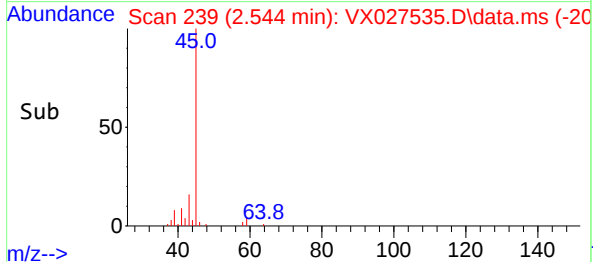
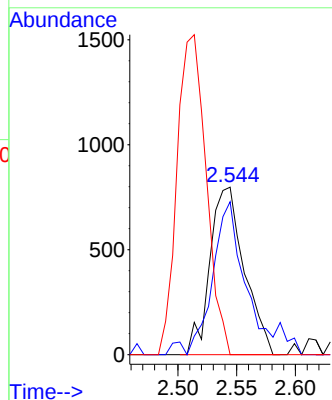


#14
 Allyl chloride
 Concen: 0.327 ug/l
 RT: 2.544 min Scan# 21
 Delta R.T. -0.116 min
 Lab File: VX027535.D
 Acq: 18 Mar 2022 18:05

Instrument :
 MSVOA_X
 ClientSampleId :

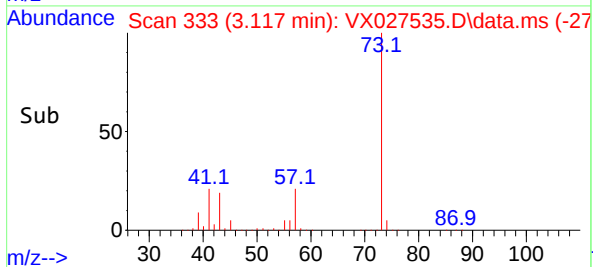
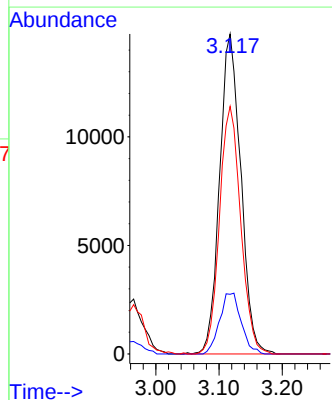
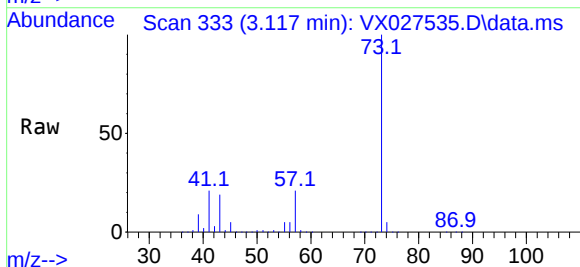


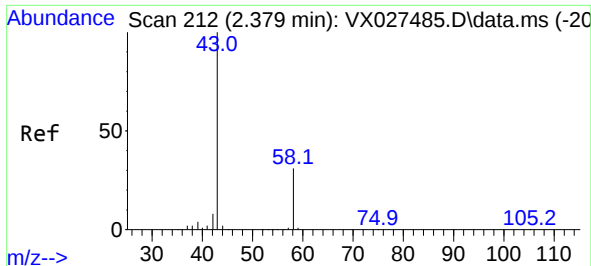
Tgt Ion: 41 Resp: 1622
 Ion Ratio Lower Upper
 41 100
 39 86.7 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 18.770 ug/l
 RT: 3.117 min Scan# 333
 Delta R.T. 0.049 min
 Lab File: VX027535.D
 Acq: 18 Mar 2022 18:05

Tgt Ion: 53 Resp: 34251
 Ion Ratio Lower Upper
 53 100
 52 19.3 65.7 98.5#
 51 77.3 28.4 42.6#

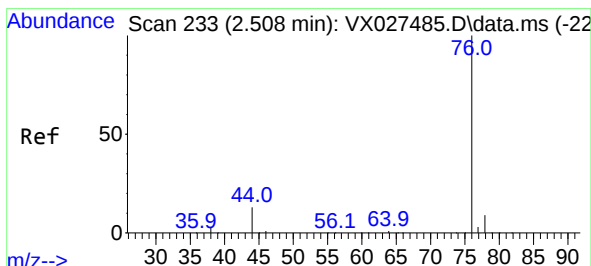
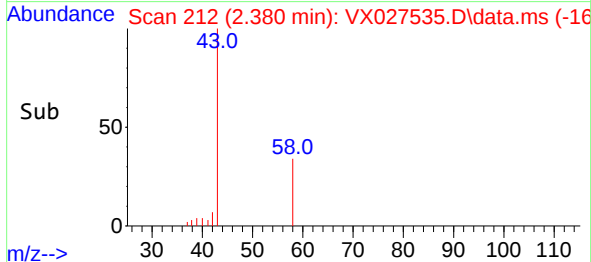
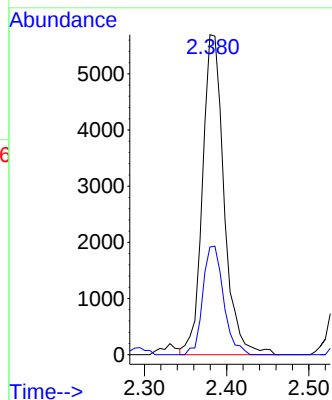
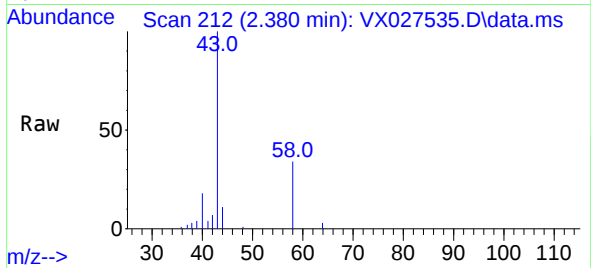




#16
Acetone
Concen: 6.052 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

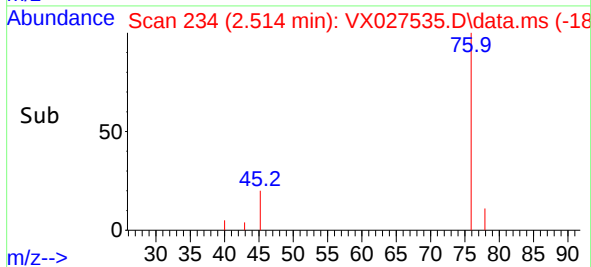
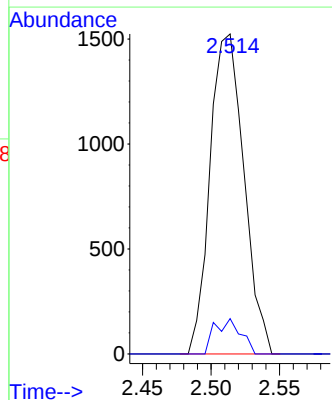
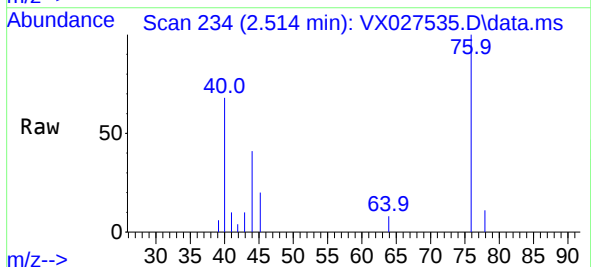
Instrument :
MSVOA_X
ClientSampleId :

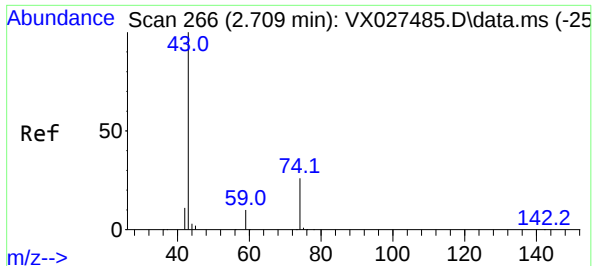
Tgt Ion: 43 Resp: 10389
Ion Ratio Lower Upper
43 100
58 33.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.324 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion: 76 Resp: 2620
Ion Ratio Lower Upper
76 100
78 11.0 7.2 10.8#

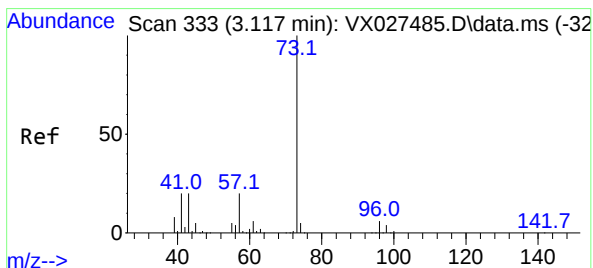
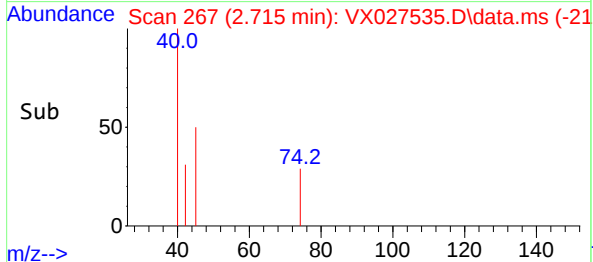
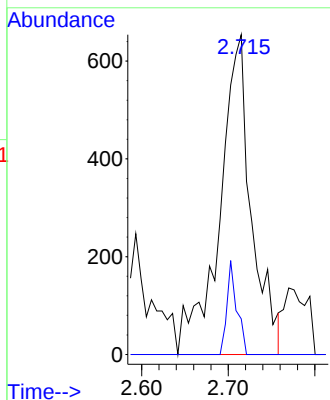
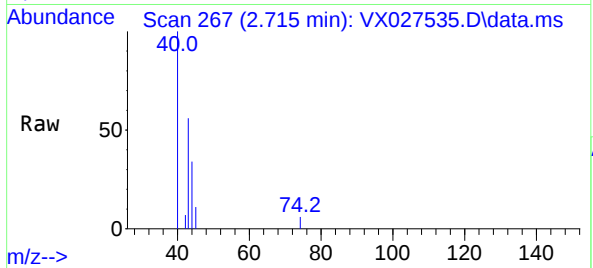




#18
Methyl Acetate
Concen: 0.405 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

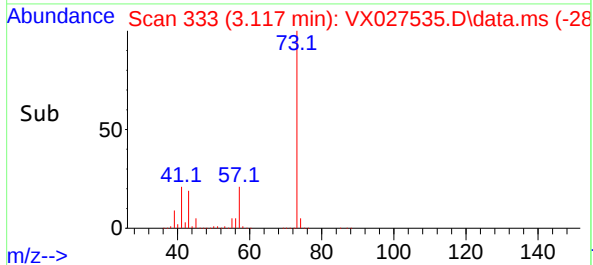
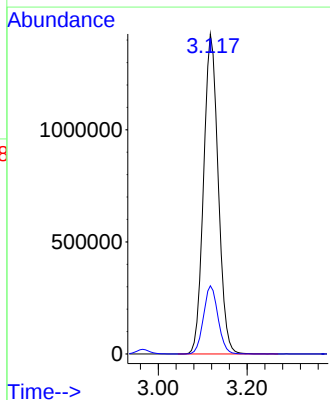
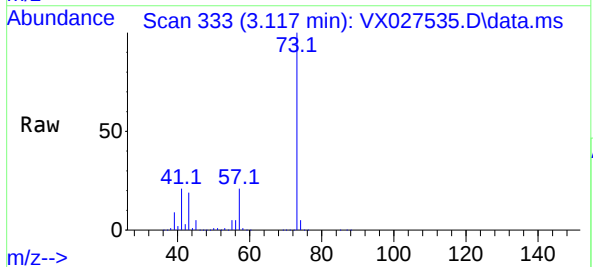
Instrument :
MSVOA_X
ClientSampleId :

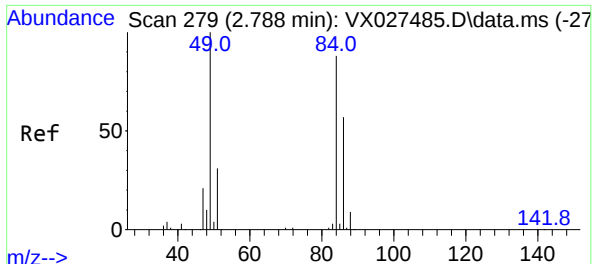
Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
74 9.2 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 304.996 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

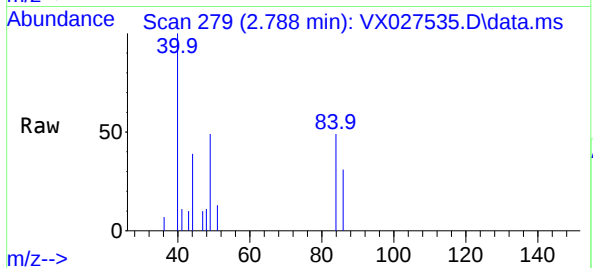
Tgt Ion: 73 Resp: 3266691
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2





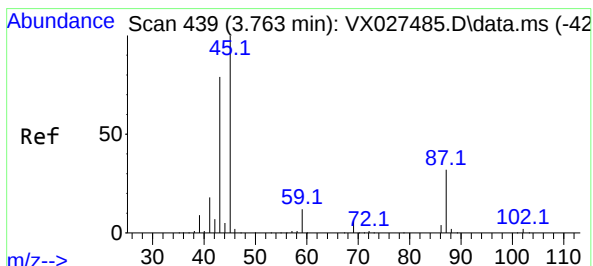
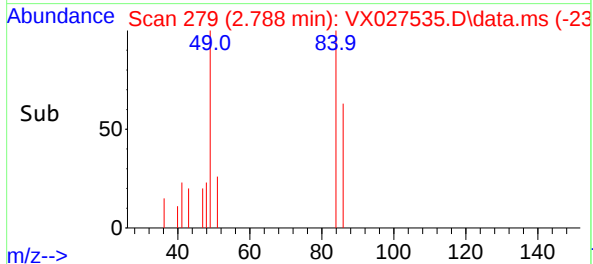
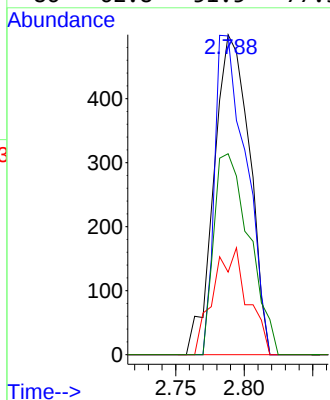
#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 901

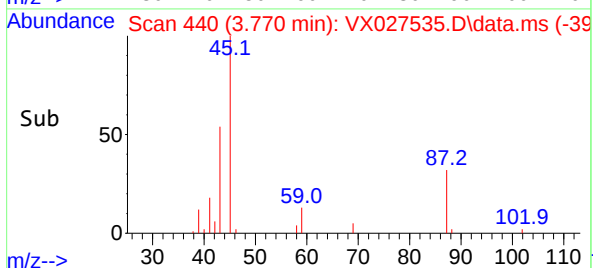
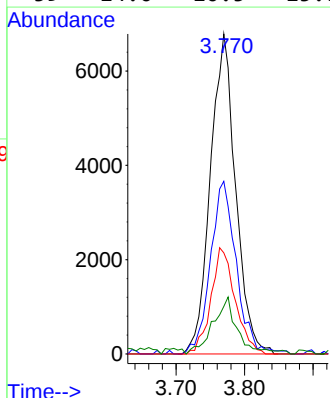
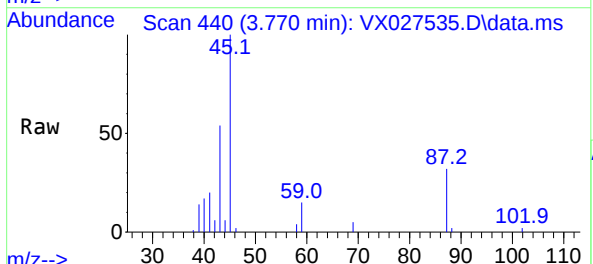
Ion	Ratio	Lower	Upper
84	100		
49	99.6	85.5	128.3
51	25.8	26.6	39.8#
86	62.8	51.5	77.3

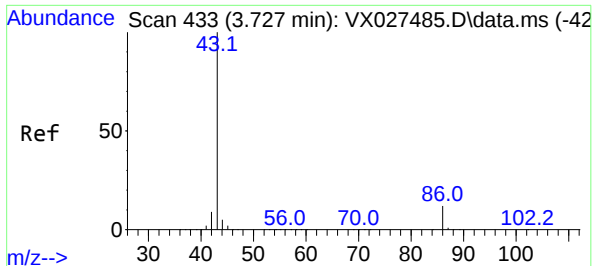


#22
Diisopropyl ether
Concen: 1.789 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion: 45 Resp: 17357

Ion	Ratio	Lower	Upper
45	100		
43	53.9	50.8	76.2
87	31.6	26.6	39.8
59	14.0	10.5	15.7





#23

Vinyl Acetate

Concen: 1.141 ug/l

RT: 3.770 min Scan# 44

Delta R.T. 0.043 min

Lab File: VX027535.D

Acq: 18 Mar 2022 18:05

Instrument :

MSVOA_X

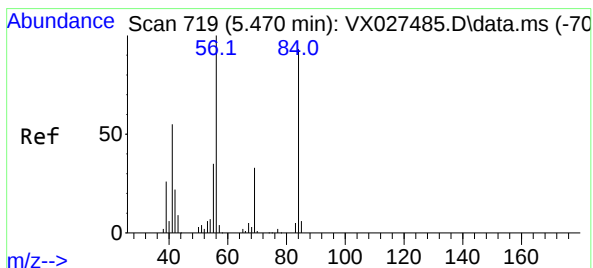
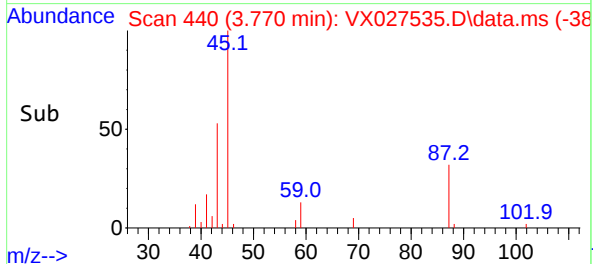
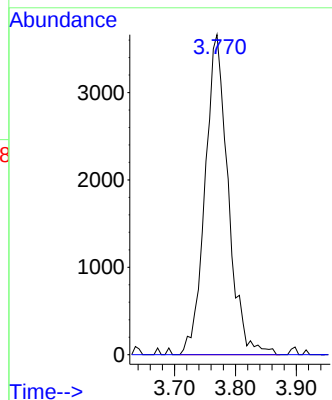
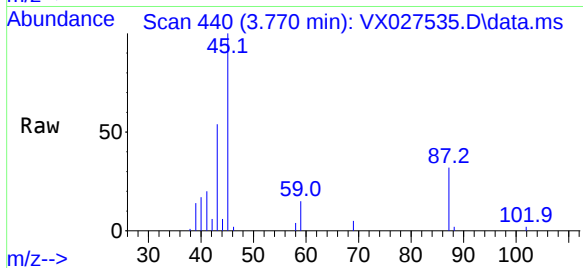
ClientSampleId :

Tgt Ion: 43 Resp: 9625

Ion Ratio Lower Upper

43 100

86 0.0 10.8 16.2#



#31

Cyclohexane

Concen: 1.144 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX027535.D

Acq: 18 Mar 2022 18:05

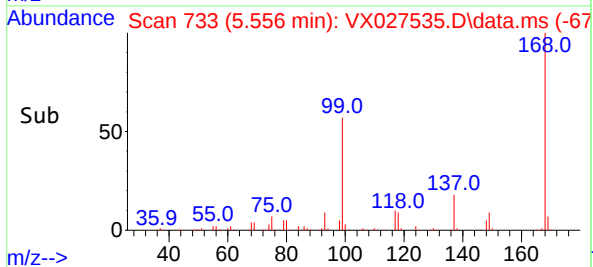
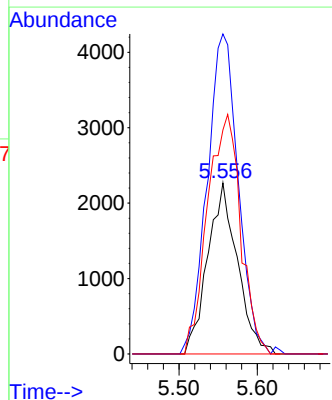
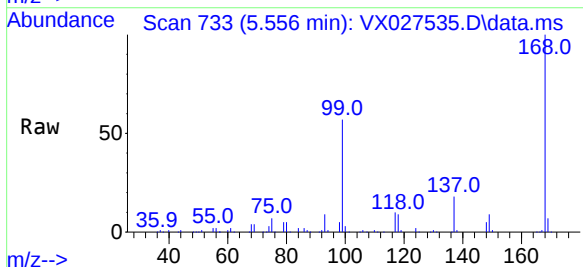
Tgt Ion: 56 Resp: 5985

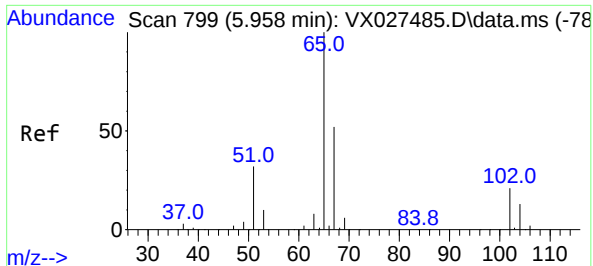
Ion Ratio Lower Upper

56 100

69 187.1 26.7 40.1#

84 131.0 77.2 115.8#

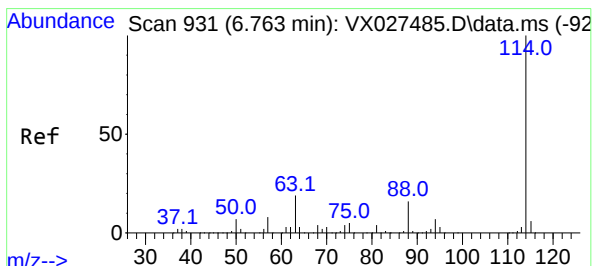
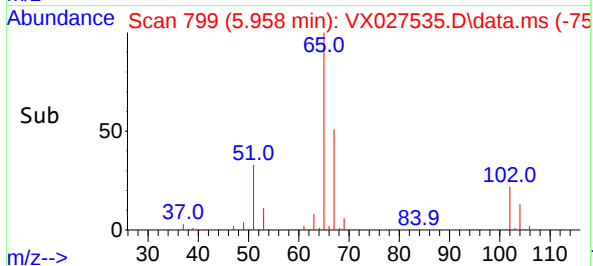
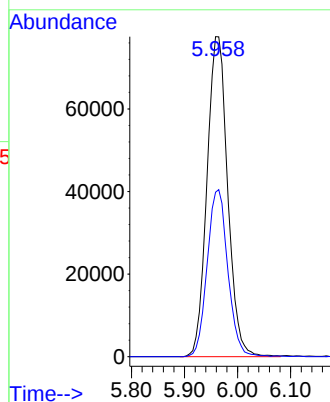
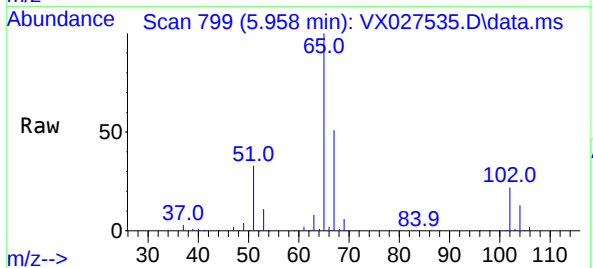




#33
 1,2-Dichloroethane-d4
 Concen: 49.832 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX027535.D
 Acq: 18 Mar 2022 18:05

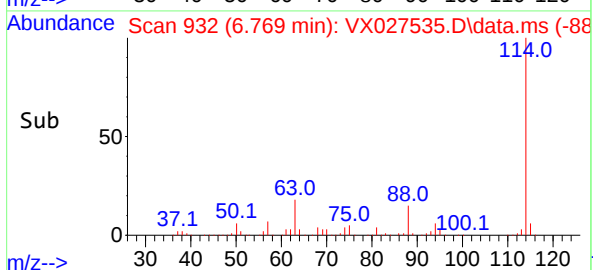
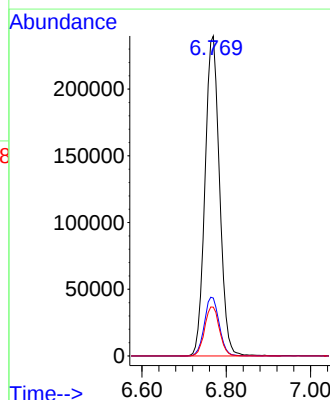
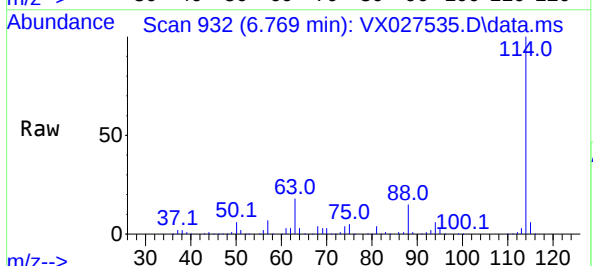
Instrument :
 MSVOA_X
 ClientSampleId :

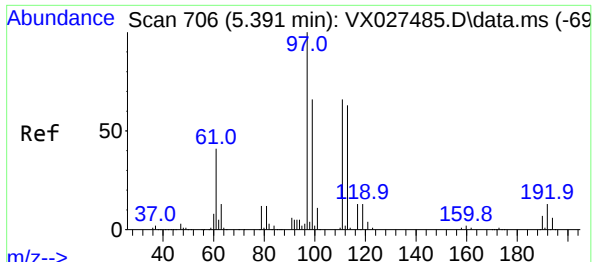
Tgt Ion: 65 Resp: 209870
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX027535.D
 Acq: 18 Mar 2022 18:05

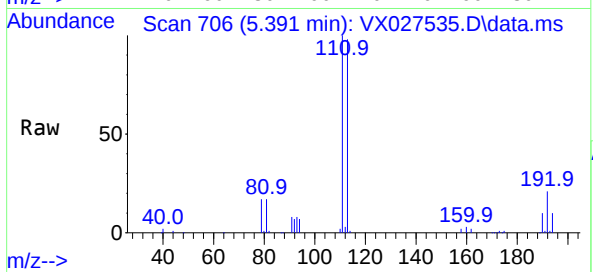
Tgt Ion:114 Resp: 574431
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.3 0.0 32.4



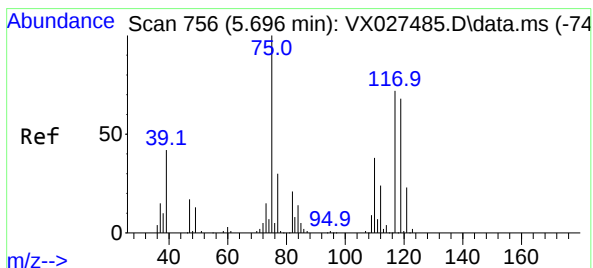
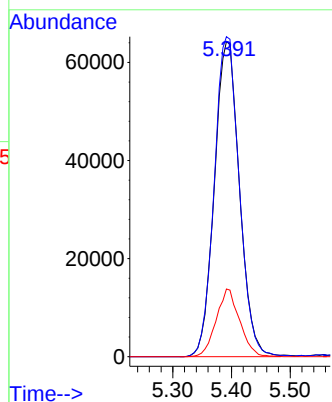
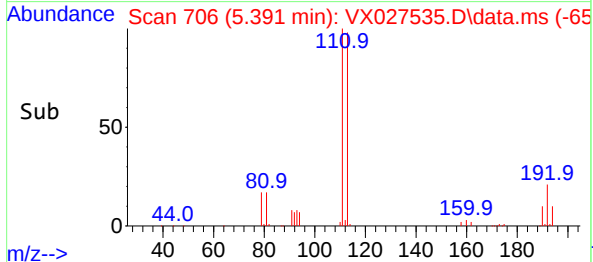


#35
Dibromofluoromethane
Concen: 51.435 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

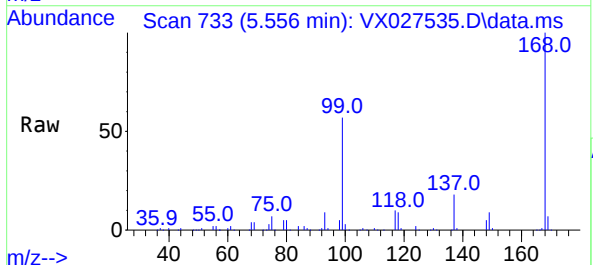
Instrument :
MSVOA_X
ClientSampleId :



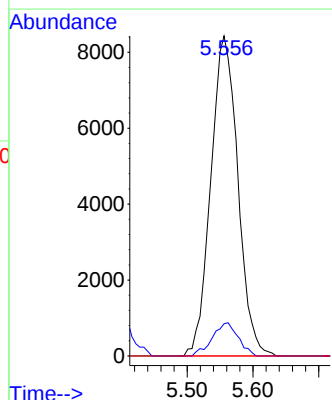
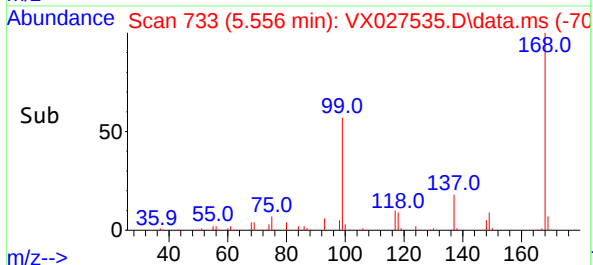
Tgt Ion:113 Resp: 190094
Ion Ratio Lower Upper
113 100
111 101.4 82.8 124.2
192 20.1 16.9 25.3

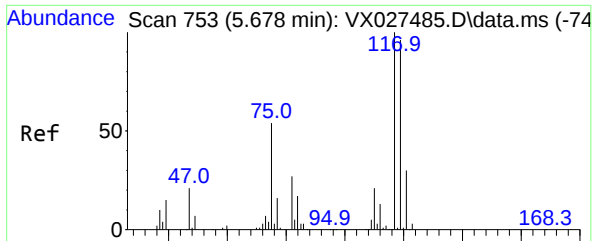


#36
1,1-Dichloropropene
Concen: 4.781 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05



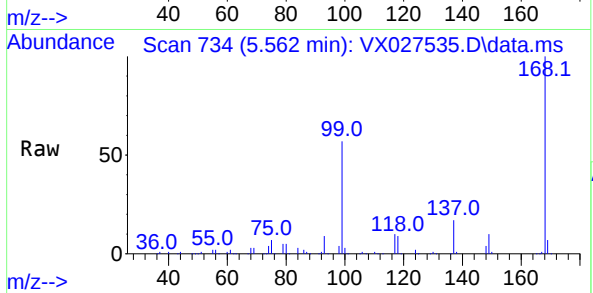
Tgt Ion: 75 Resp: 24145
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



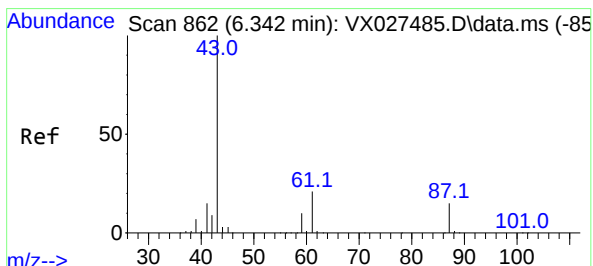
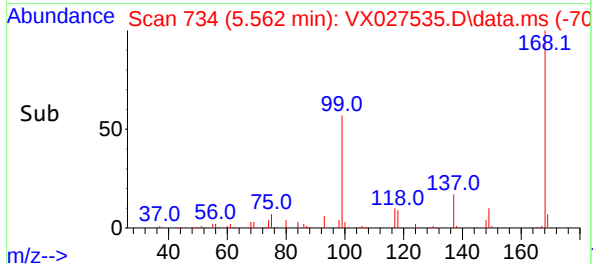
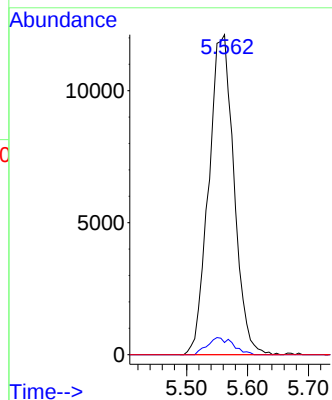


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :

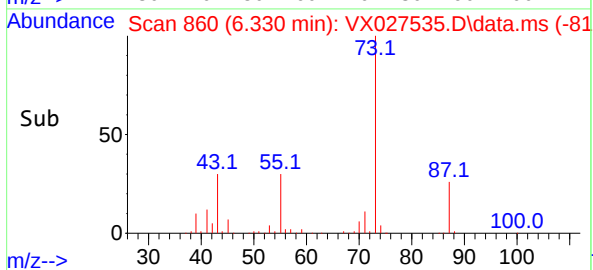
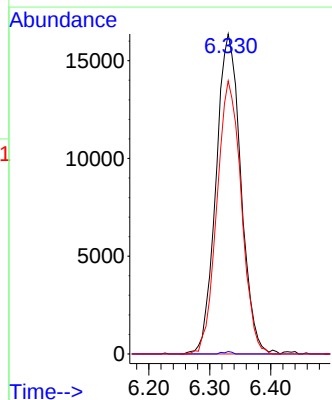
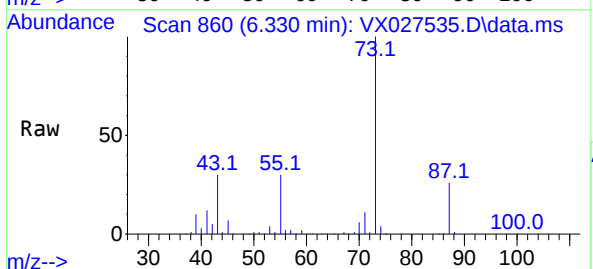


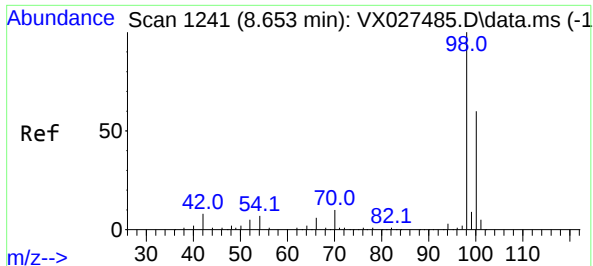
Tgt Ion:117 Resp: 34825
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 5.718 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion: 43 Resp: 46311
Ion Ratio Lower Upper
43 100
61 0.3 18.5 27.7#
87 83.8 13.0 19.6#

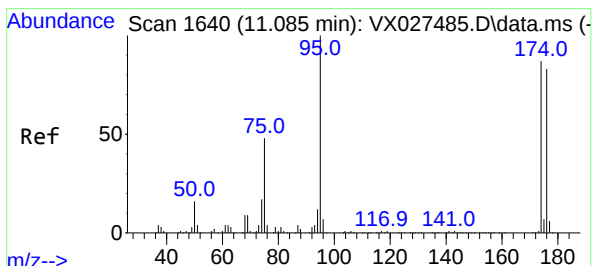
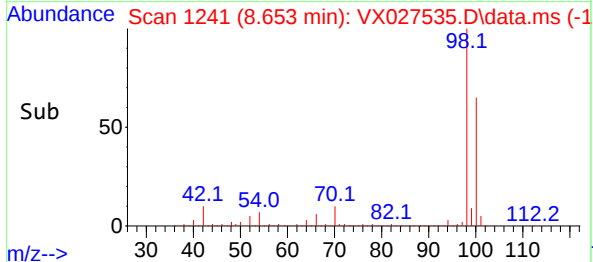
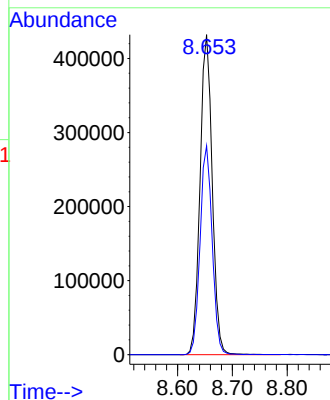
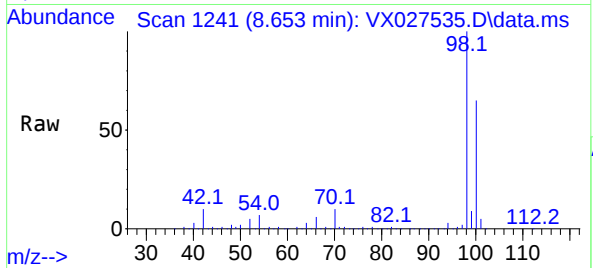




#50
Toluene-d8
Concen: 47.780 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

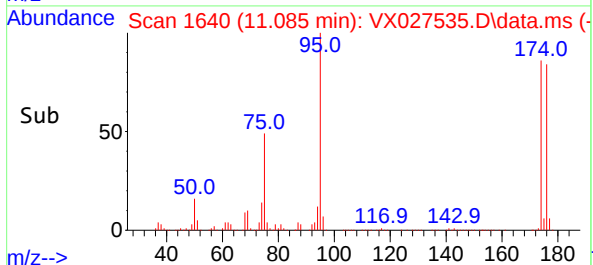
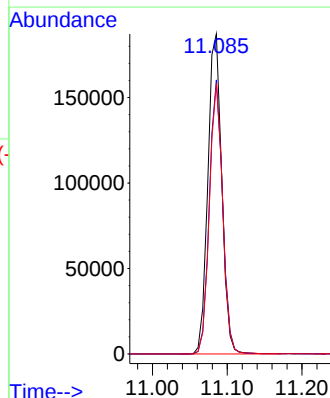
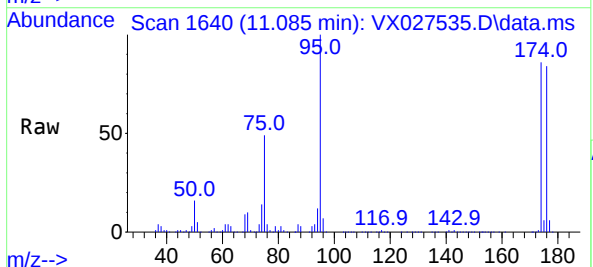
Instrument :
MSVOA_X
ClientSampleId :

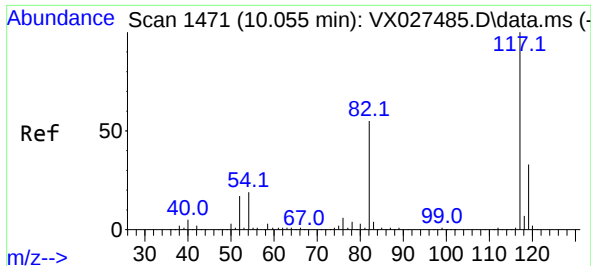
Tgt Ion: 98 Resp: 668218
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.978 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion: 95 Resp: 241484
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 80.3 0.0 155.0

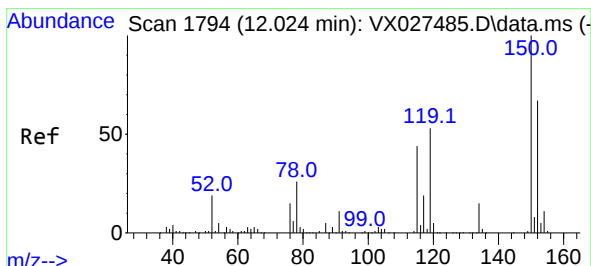
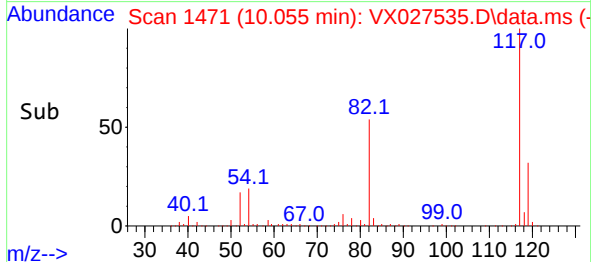
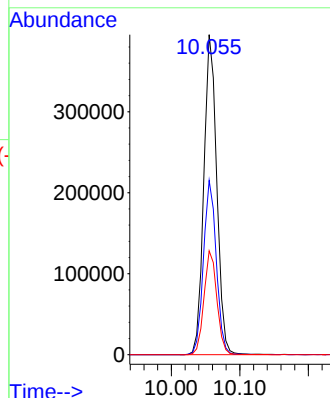
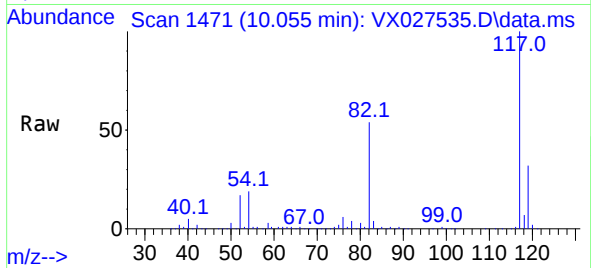




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

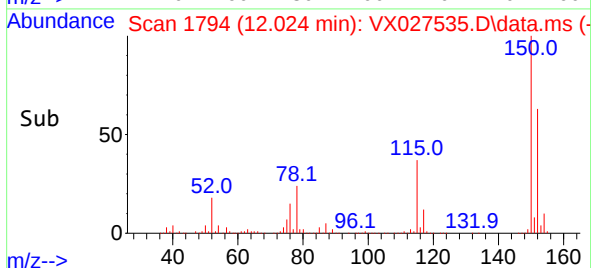
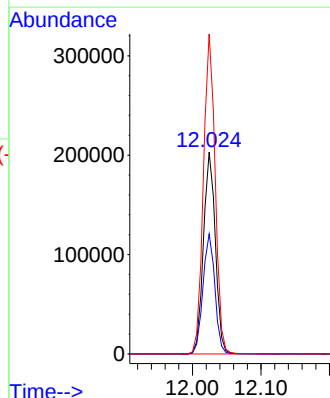
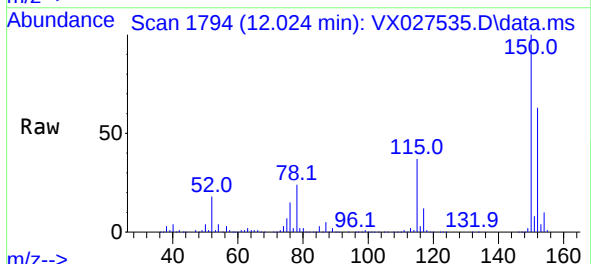
Instrument :
MSVOA_X
ClientSampleId :

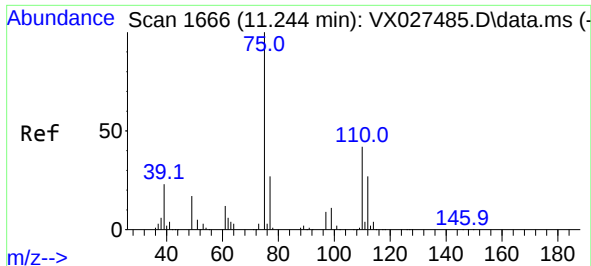
Tgt Ion:117 Resp: 519479
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion:152 Resp: 246475
Ion Ratio Lower Upper
152 100
115 59.4 37.5 112.7
150 156.6 0.0 338.2

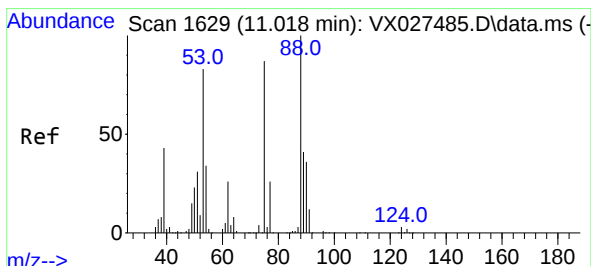
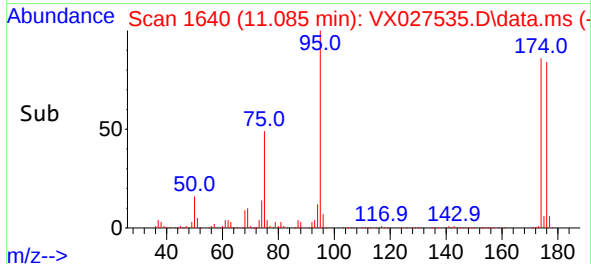
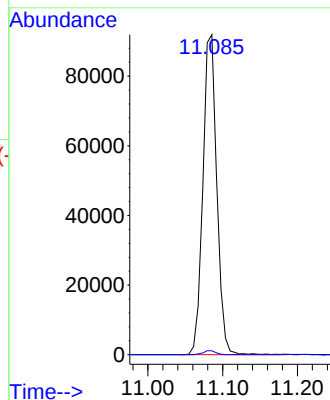
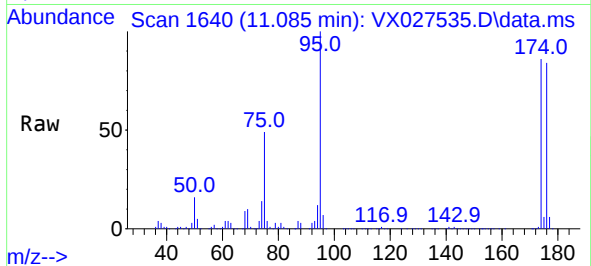




#76
1,2,3-Trichloropropane
Concen: 23.025 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 118701
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.926 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027535.D
Acq: 18 Mar 2022 18:05

Tgt Ion: 75 Resp: 118701
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

