

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027525.D
 Acq On : 18 Mar 2022 14:08
 Operator : JC/MD
 Sample : N1895-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 03:06:59 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)

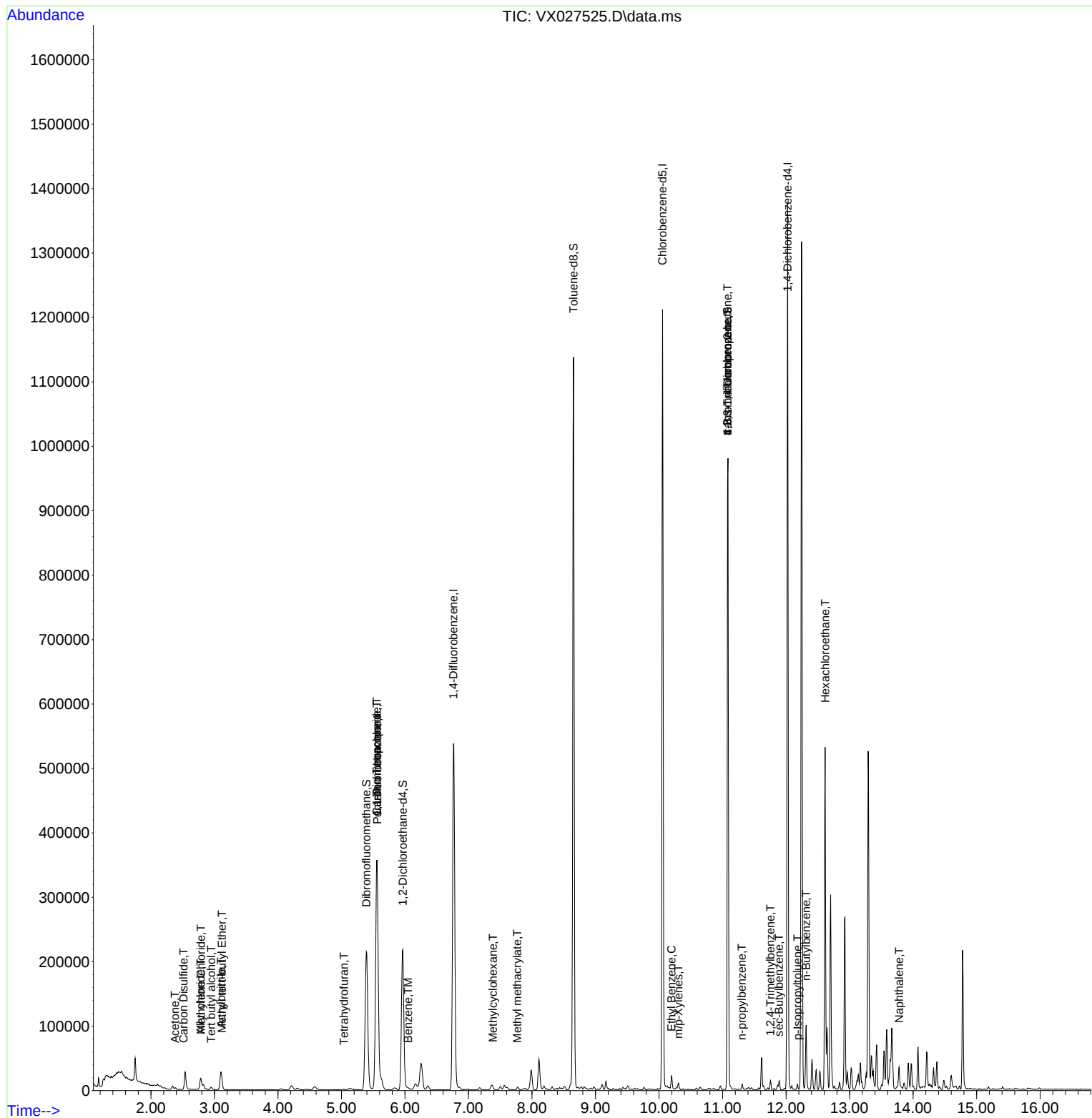
Internal Standards						
1) Pentafluorobenzene	5.562	168	350301	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	582718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	556062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	278265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	216460	50.160	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.320%			
35) Dibromofluoromethane	5.391	113	192039	51.223	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.440%			
50) Toluene-d8	8.653	98	695604	49.031	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.060%			
62) 4-Bromofluorobenzene	11.079	95	269203	51.626	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.260%			
Target Compounds						Qvalue
5) Bromomethane	1.624	94	323	Below Cal	#	76
11) Tert butyl alcohol	2.946	59	2470	3.003	ug/l #	72
14) Allyl chloride	2.782	41	4252	0.835	ug/l #	63
15) Acrylonitrile	3.105	53	797	0.426	ug/l #	39
16) Acetone	2.380	43	3186	1.811	ug/l #	86
17) Carbon Disulfide	2.514	76	1751	0.212	ug/l #	92
19) Methyl tert-butyl Ether	3.117	73	3526	0.321	ug/l #	1
20) Methylene Chloride	2.788	84	2412	0.638	ug/l #	88
29) Tetrahydrofuran	5.038	42	736	0.434	ug/l #	58
36) 1,1-Dichloropropene	5.556	75	25272	4.933	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35400	6.040	ug/l #	15
39) Methylcyclohexane	7.385	83	1990	0.309	ug/l	87
40) Benzene	6.050	78	3484	0.237	ug/l #	80
48) Methyl methacrylate	7.769	41	818	0.201	ug/l #	74
58) 2-Chloroethyl Vinyl ether	8.104	63	47	Below Cal	#	45
67) Ethyl Benzene	10.195	91	12368	0.632	ug/l	96
68) m/p-Xylenes	10.305	106	2084	0.270	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	130905	22.491	ug/l #	38
78) n-propylbenzene	11.305	91	4458	0.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	130905	68.305	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	6277	0.369	ug/l	97
85) sec-Butylbenzene	11.890	105	7164	0.351	ug/l	97
86) p-Isopropyltoluene	12.183	119	3846	0.219	ug/l #	73
89) n-Butylbenzene	12.317	91	10144	0.693	ug/l #	2
90) Hexachloroethane	12.615	117	21869	7.818	ug/l #	10
95) Naphthalene	13.780	128	22861	1.185	ug/l #	92

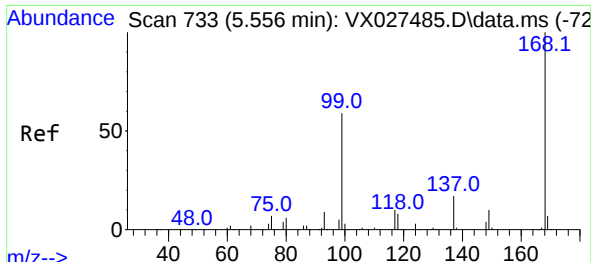
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
Data File : VX027525.D
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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

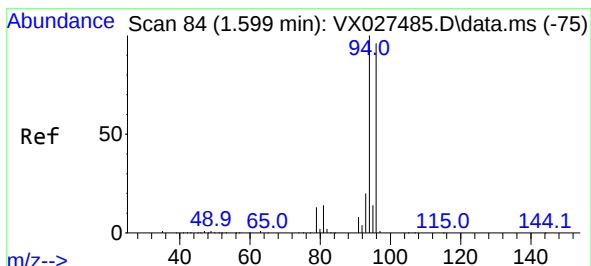
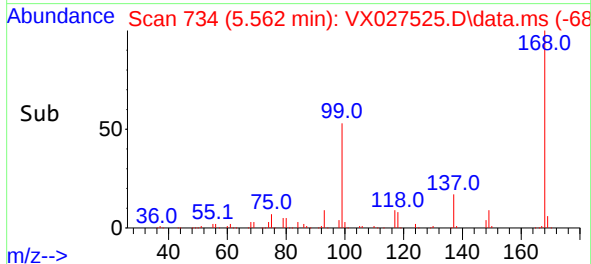
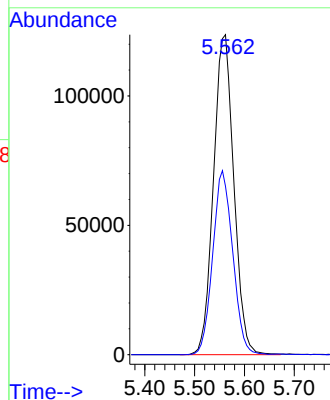
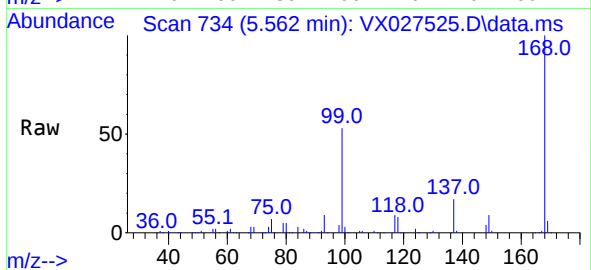




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

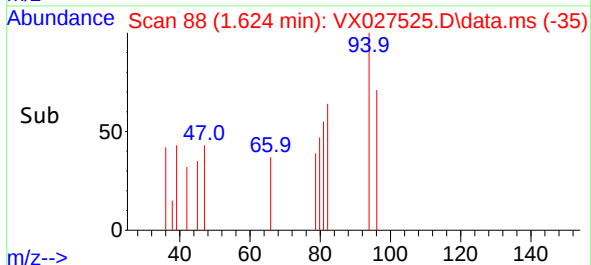
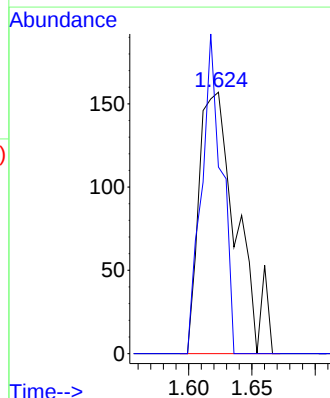
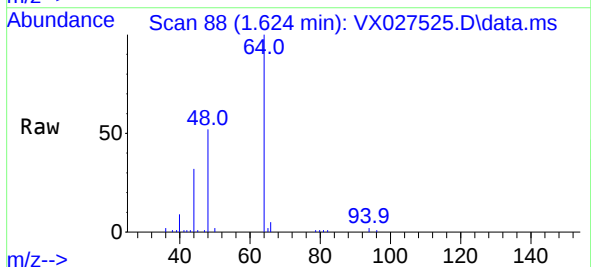
Instrument :
MSVOA_X
ClientSampleId :

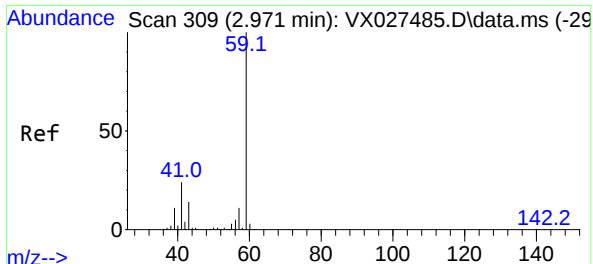
Tgt Ion:168 Resp: 350301
Ion Ratio Lower Upper
168 100
99 52.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 71.3 75.3 112.9#





#11

Tert butyl alcohol

Concen: 3.003 ug/l

RT: 2.946 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX027525.D

Acq: 18 Mar 2022 14:08

Instrument :

MSVOA_X

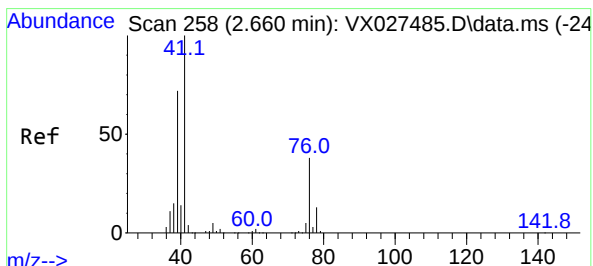
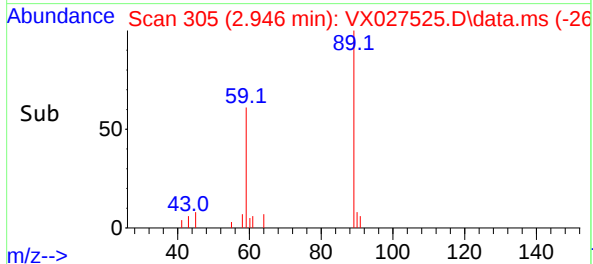
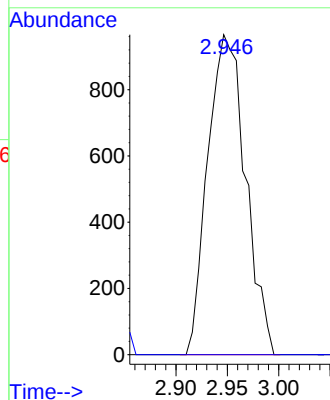
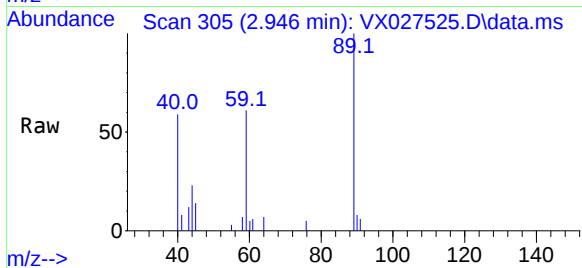
ClientSampleId :

Tgt Ion: 59 Resp: 2470

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.835 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.122 min

Lab File: VX027525.D

Acq: 18 Mar 2022 14:08

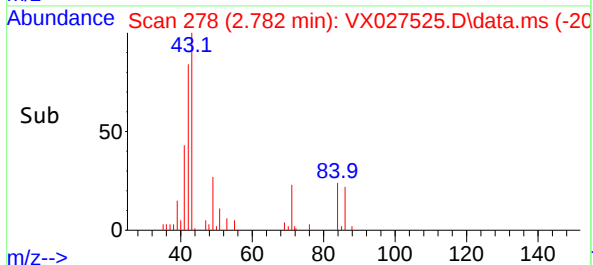
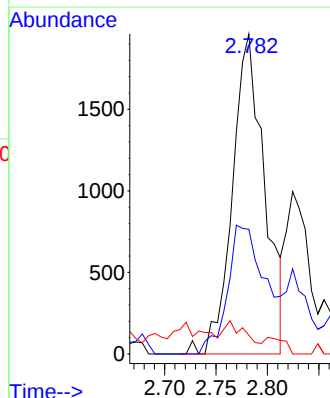
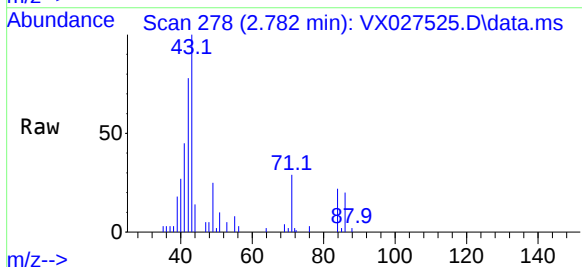
Tgt Ion: 41 Resp: 4252

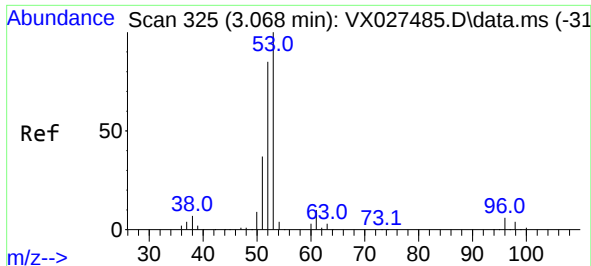
Ion Ratio Lower Upper

41 100

39 44.7 50.4 75.6#

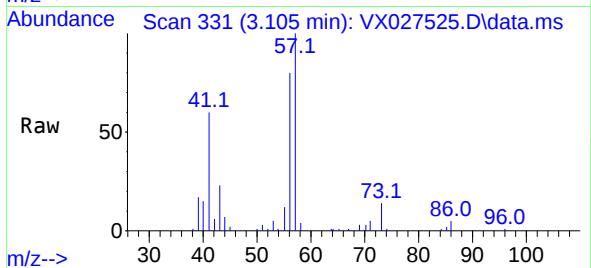
76 5.3 32.7 49.1#



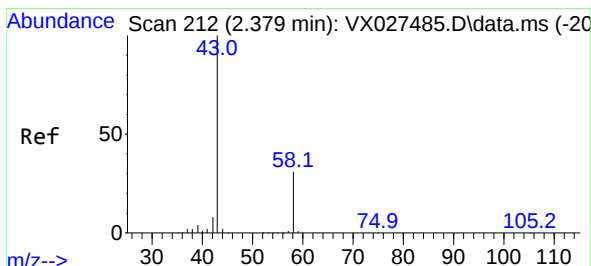
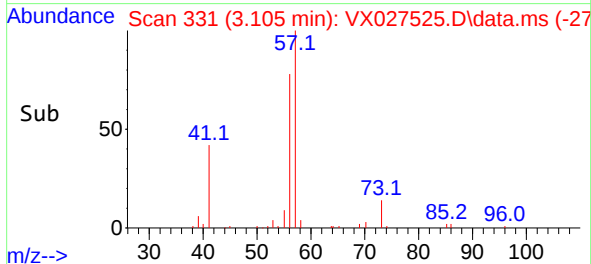
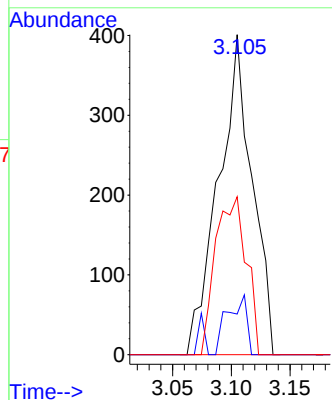


#15
Acrylonitrile
Concen: 0.426 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :

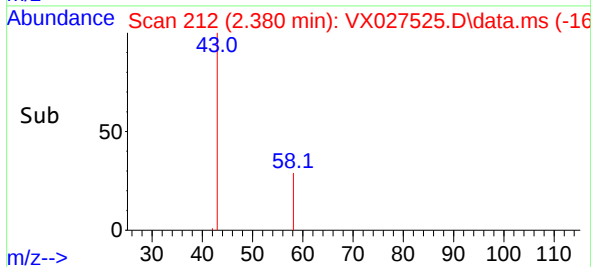
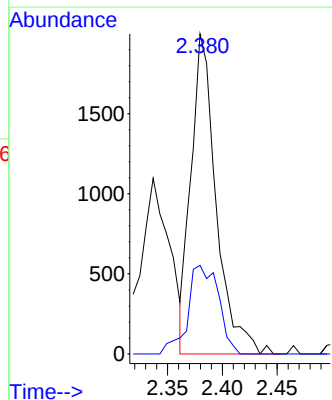
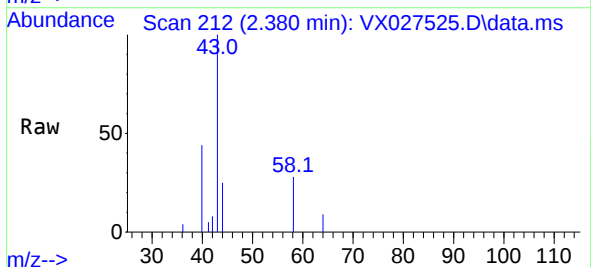


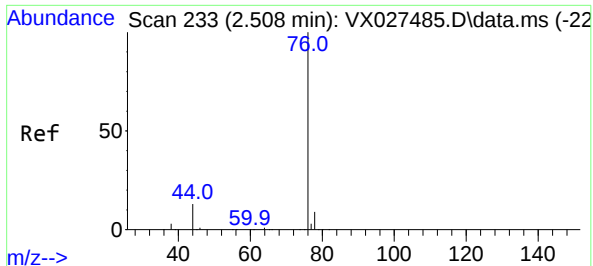
Tgt Ion: 53 Resp: 797
Ion Ratio Lower Upper
53 100
52 10.7 65.7 98.5#
51 45.3 28.4 42.6#



#16
Acetone
Concen: 1.811 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 43 Resp: 3186
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#

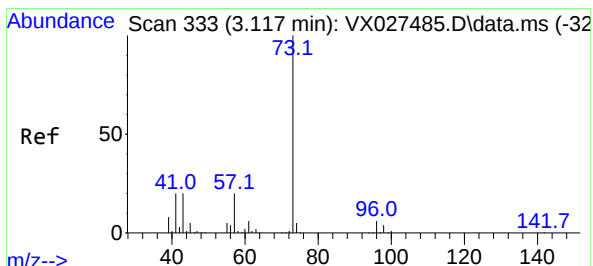
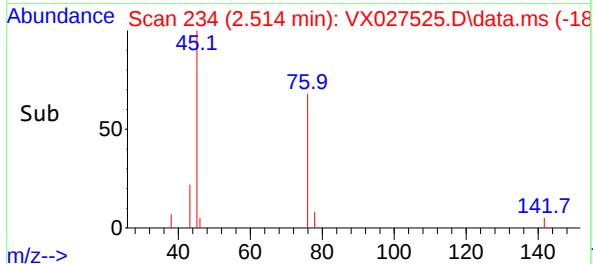
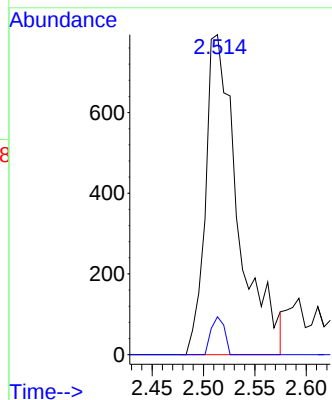
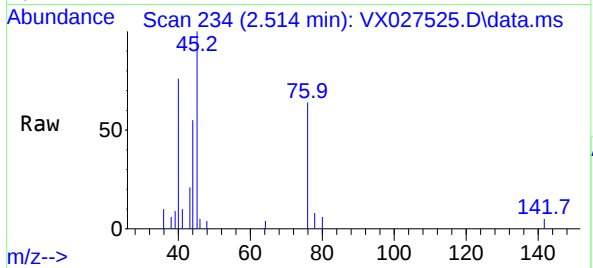




#17
Carbon Disulfide
Concen: 0.212 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

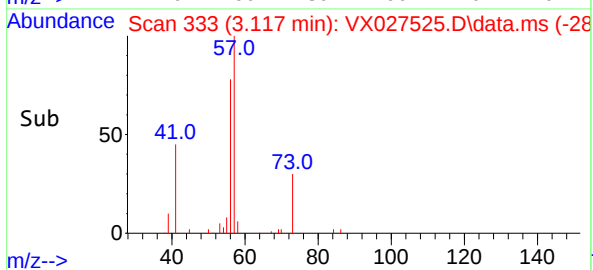
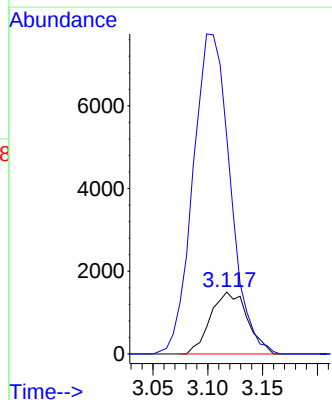
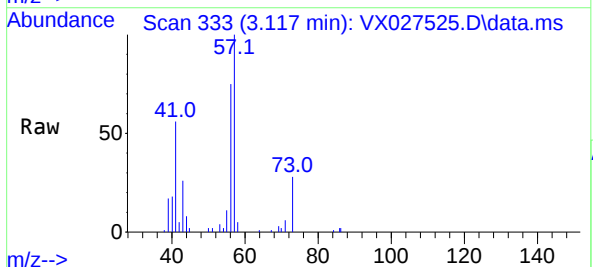
Instrument :
MSVOA_X
ClientSampleId :

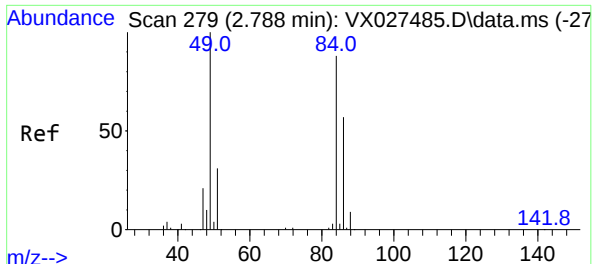
Tgt Ion: 76 Resp: 1751
Ion Ratio Lower Upper
76 100
78 11.9 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.321 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

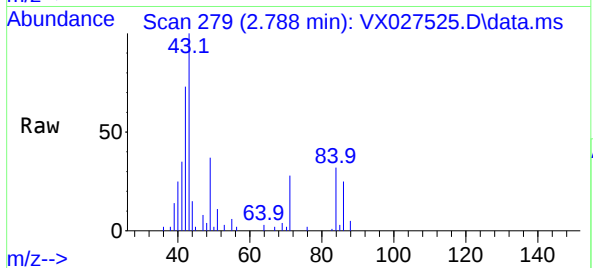
Tgt Ion: 73 Resp: 3526
Ion Ratio Lower Upper
73 100
57 351.0 16.8 25.2#





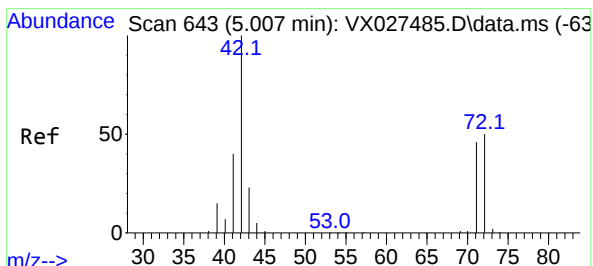
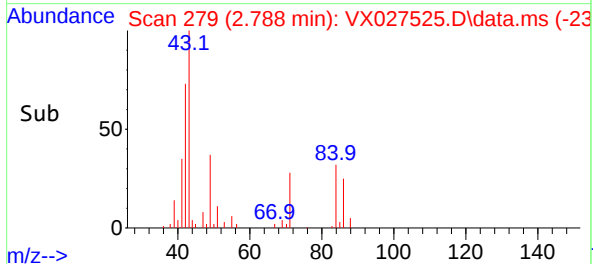
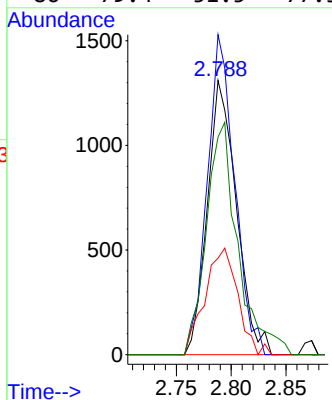
#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 2412

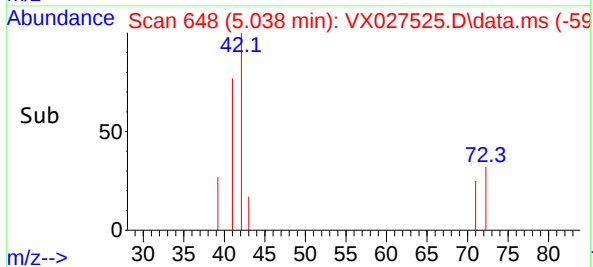
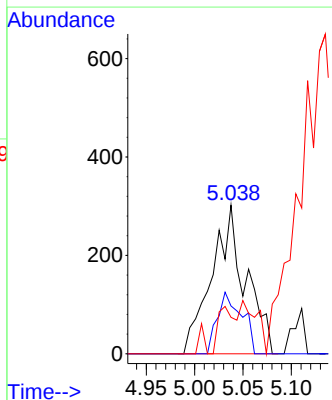
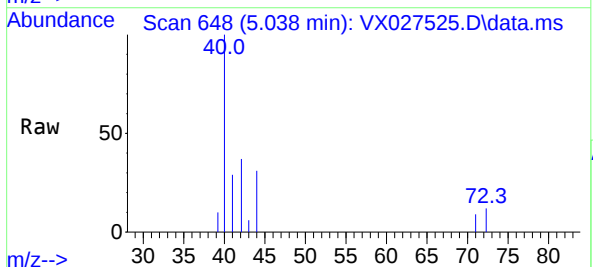
Ion	Ratio	Lower	Upper
84	100		
49	116.7	85.5	128.3
51	35.2	26.6	39.8
86	79.4	51.5	77.3

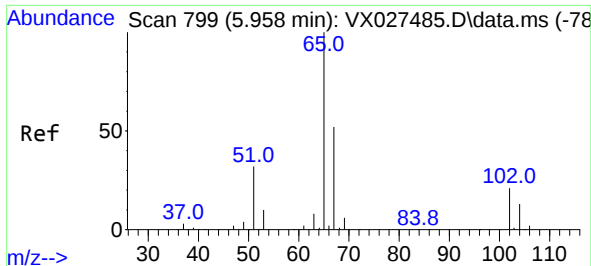


#29
Tetrahydrofuran
Concen: 0.434 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.030 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 42 Resp: 736

Ion	Ratio	Lower	Upper
42	100		
72	29.9	44.1	66.1
71	16.0	40.5	60.7

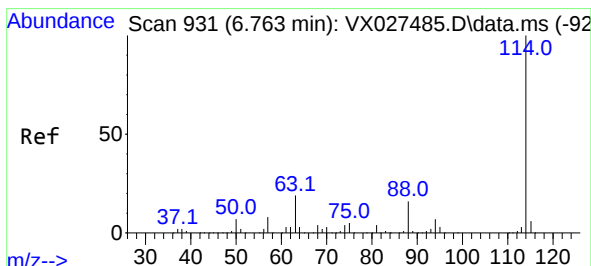
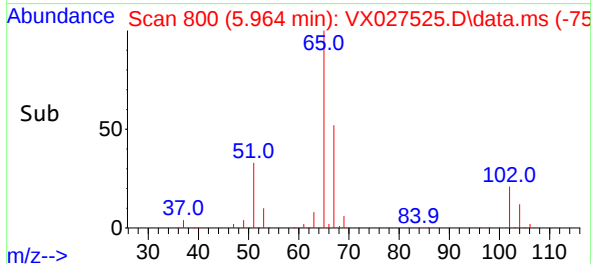
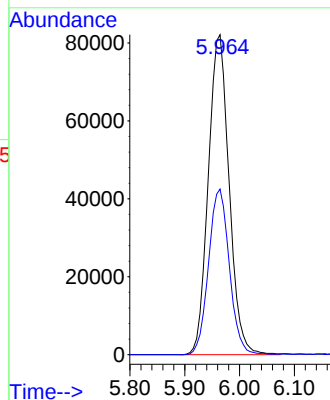
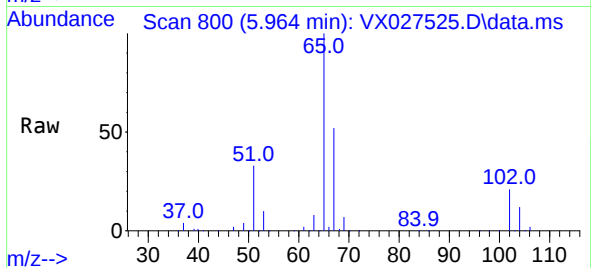




#33
1,2-Dichloroethane-d4
Concen: 50.160 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

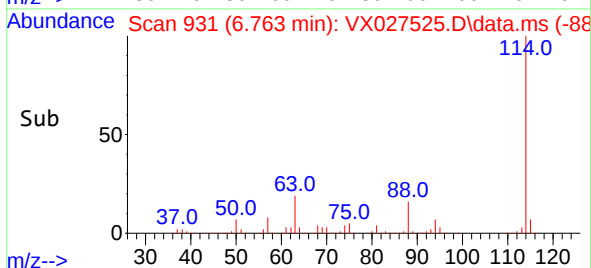
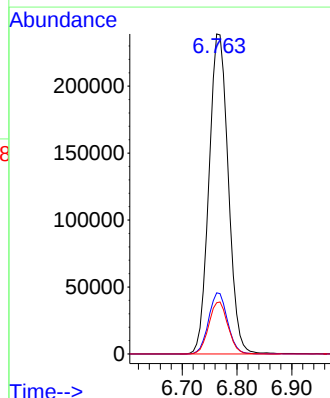
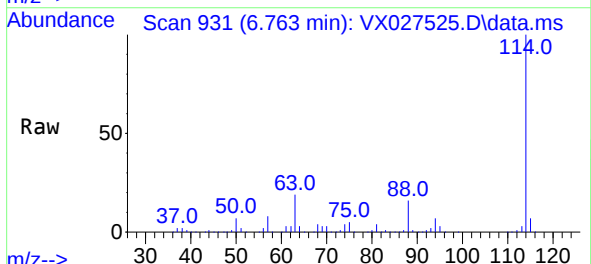
Instrument :
MSVOA_X
ClientSampleId :

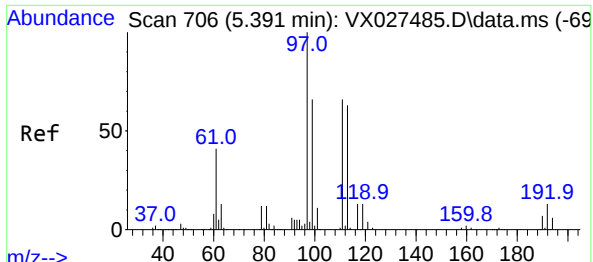
Tgt Ion: 65 Resp: 216460
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

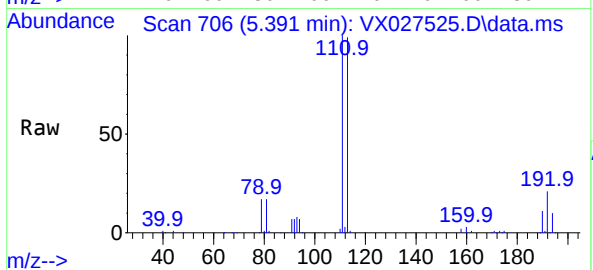
Tgt Ion: 114 Resp: 582718
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.0 0.0 32.4



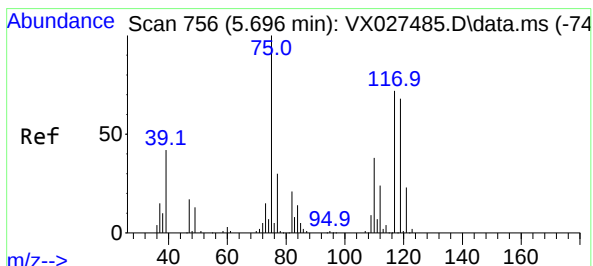
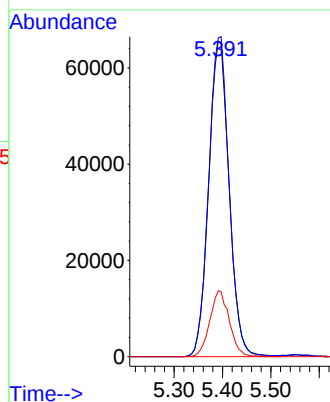
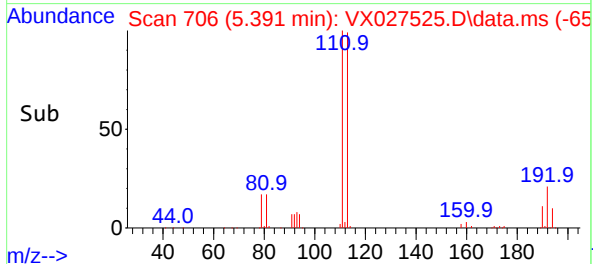


#35
Dibromofluoromethane
Concen: 51.223 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

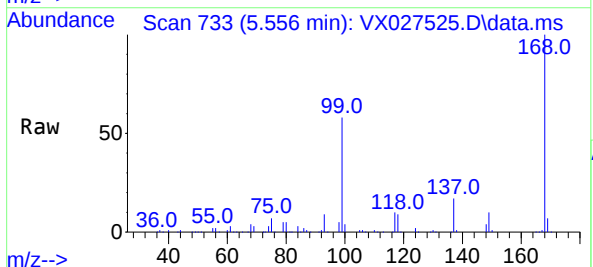
Instrument :
MSVOA_X
ClientSampleId :



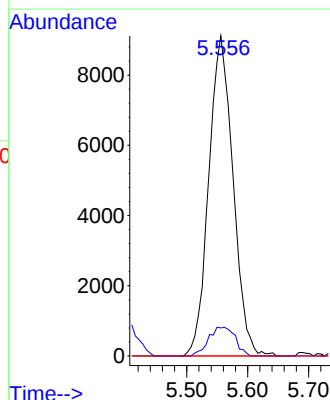
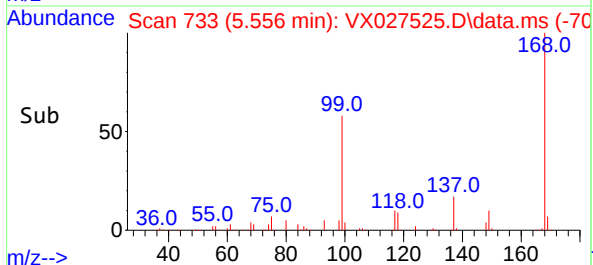
Tgt Ion:113 Resp: 192039
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 20.0 16.9 25.3

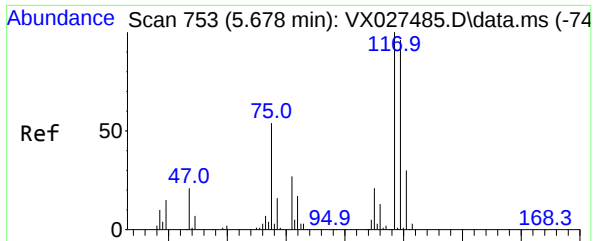


#36
1,1-Dichloropropene
Concen: 4.933 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08



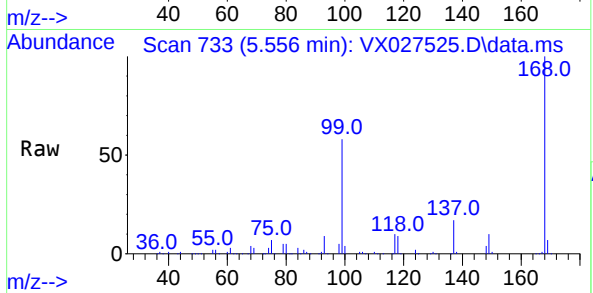
Tgt Ion: 75 Resp: 25272
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



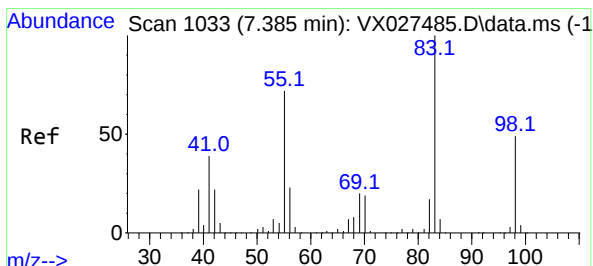
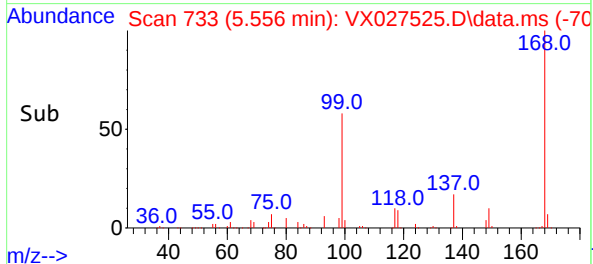
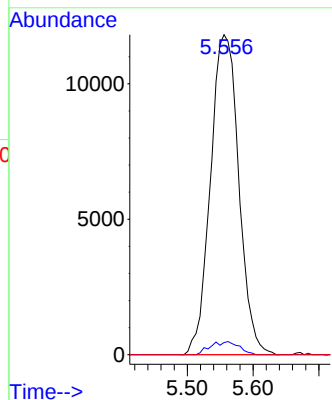


#38
Carbon Tetrachloride
Concen: 6.040 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :

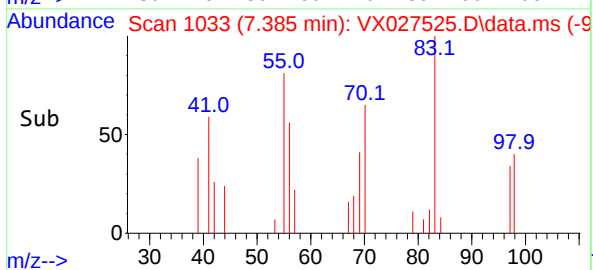
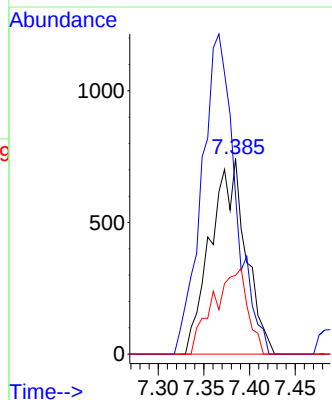
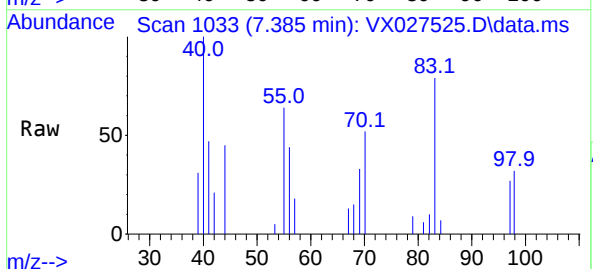


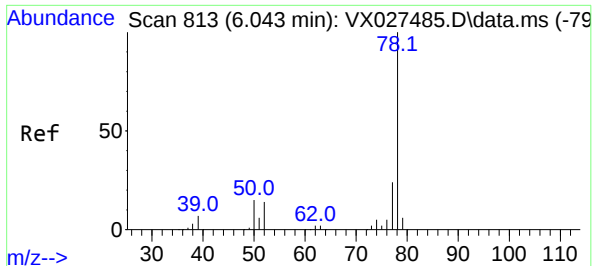
Tgt Ion:117 Resp: 35400
Ion Ratio Lower Upper
117 100
119 3.8 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.309 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 83 Resp: 1990
Ion Ratio Lower Upper
83 100
55 81.2 54.6 81.8
98 40.2 37.4 56.2

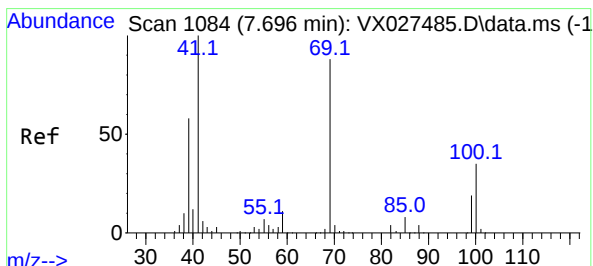
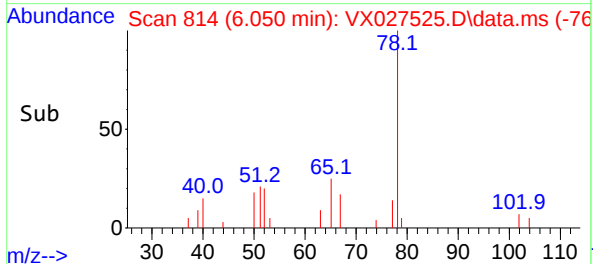
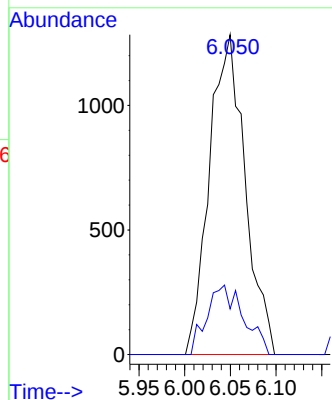
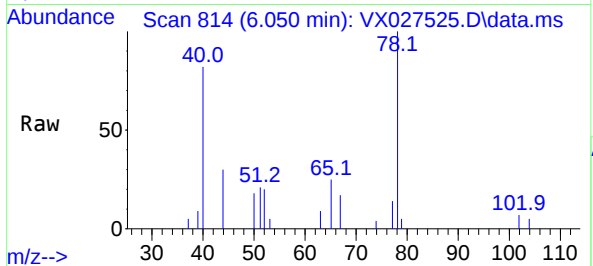




#40
Benzene
Concen: 0.237 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

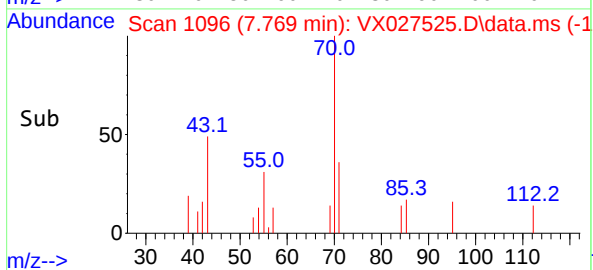
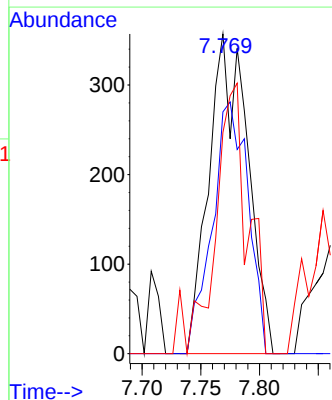
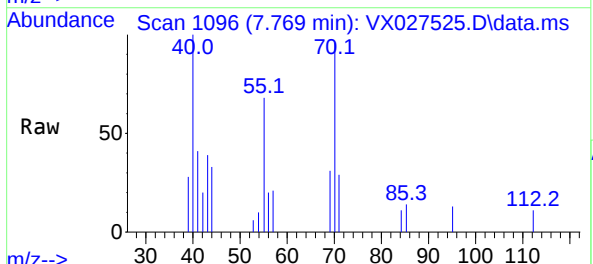
Instrument :
MSVOA_X
ClientSampleId :

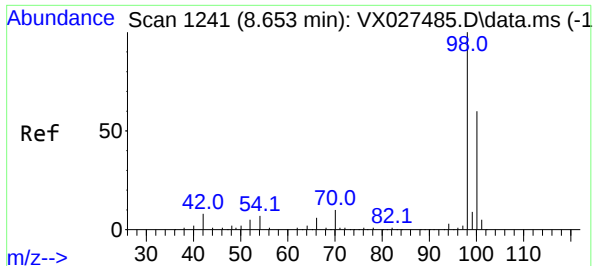
Tgt Ion: 78 Resp: 3484
Ion Ratio Lower Upper
78 100
77 14.3 19.3 28.9#



#48
Methyl methacrylate
Concen: 0.201 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. 0.073 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 41 Resp: 818
Ion Ratio Lower Upper
41 100
69 73.1 82.5 123.7#
39 68.3 43.8 65.8#

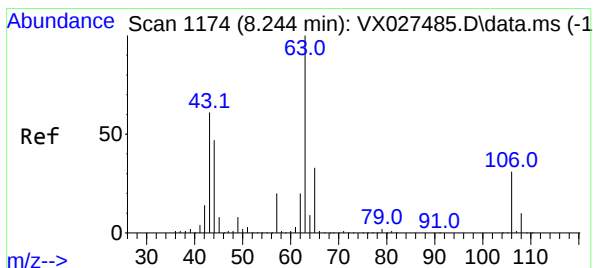
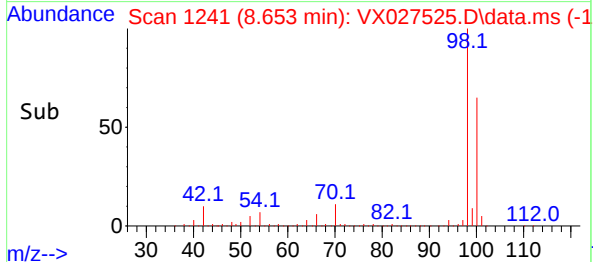
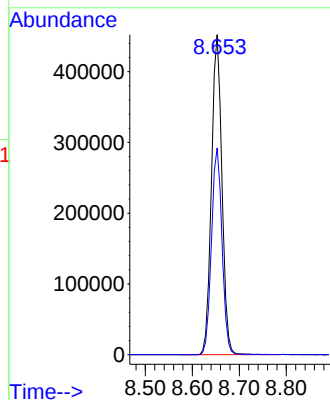
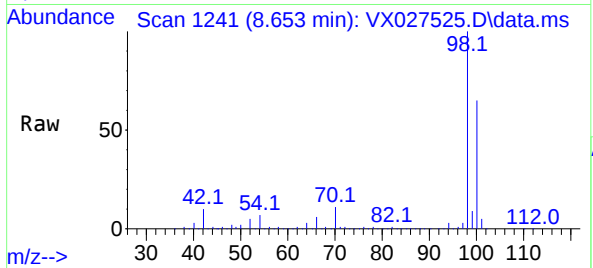




#50
Toluene-d8
Concen: 49.031 ug/l
RT: 8.653 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

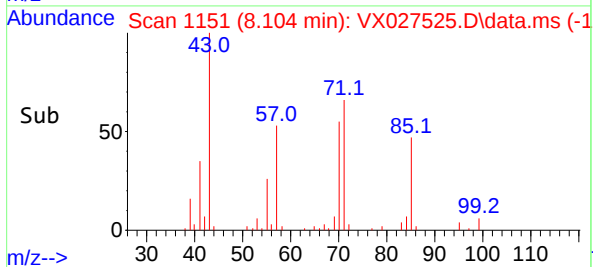
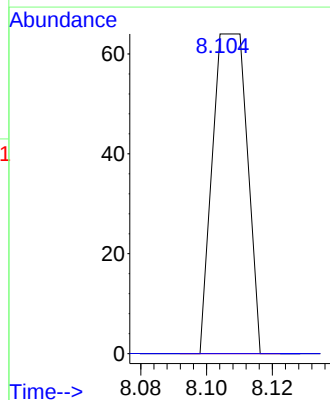
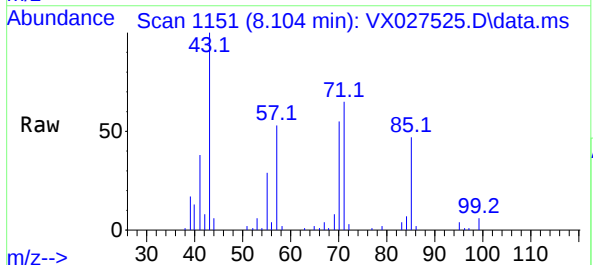
Instrument :
MSVOA_X
ClientSampleId :

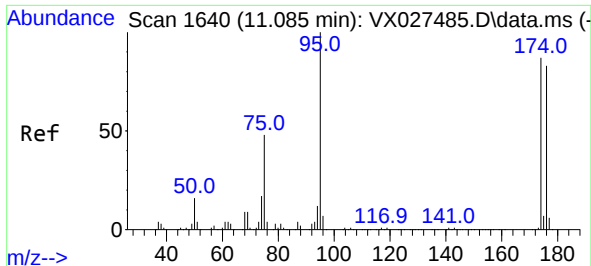
Tgt Ion: 98 Resp: 695604
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 8.104 min Scan# 1151
Delta R.T. -0.140 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 63 Resp: 47
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

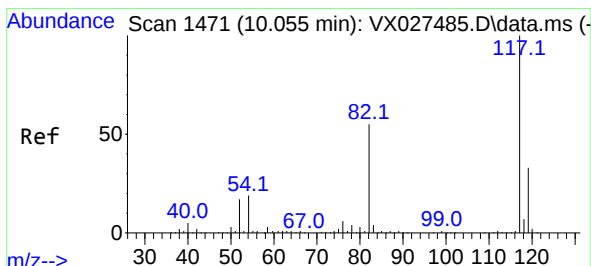
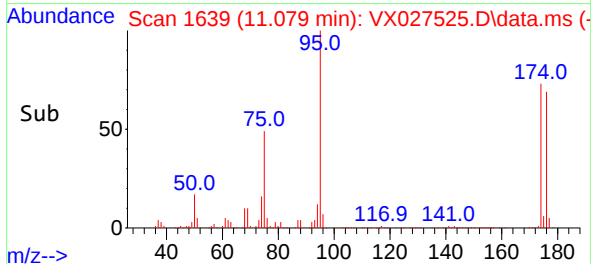
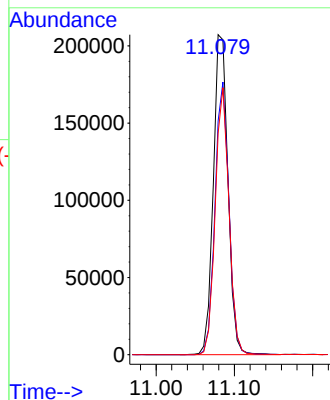
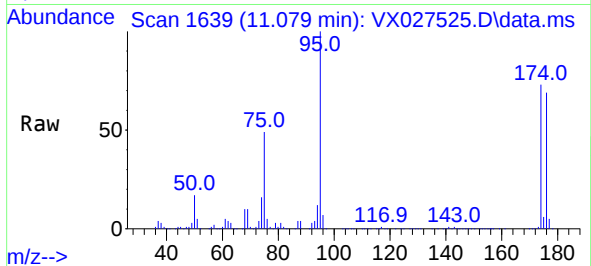




#62
4-Bromofluorobenzene
Concen: 51.626 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

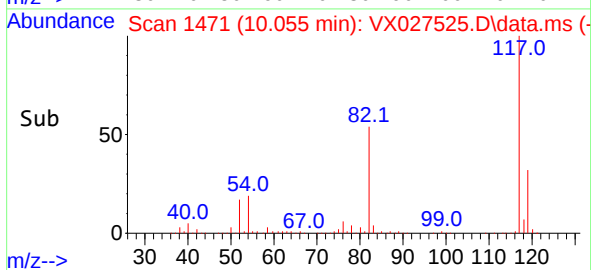
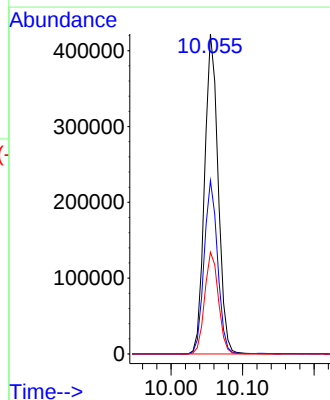
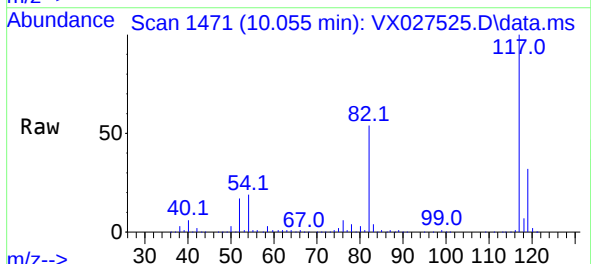
Instrument :
MSVOA_X
ClientSampleId :

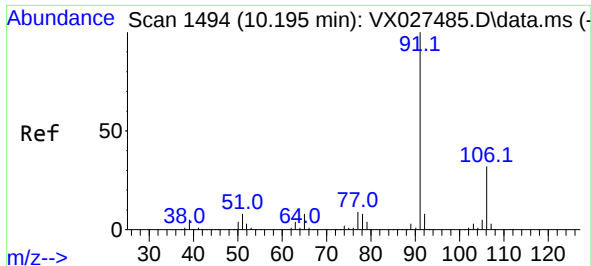
Tgt Ion: 95 Resp: 269203
Ion Ratio Lower Upper
95 100
174 81.2 0.0 163.0
176 78.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 117 Resp: 556062
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 31.8 24.8 37.2

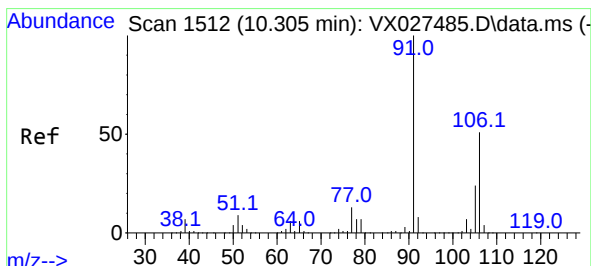
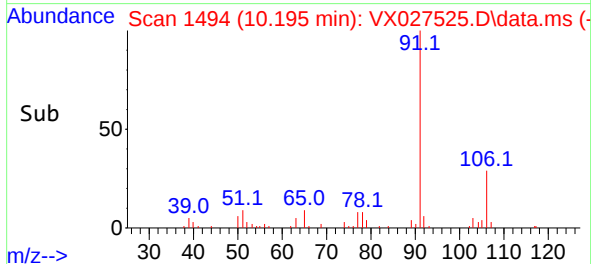
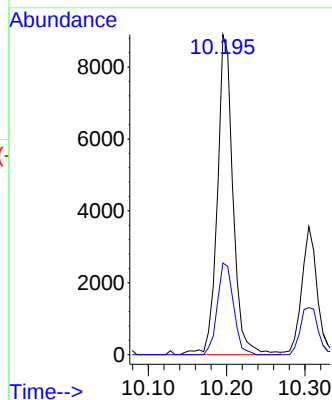
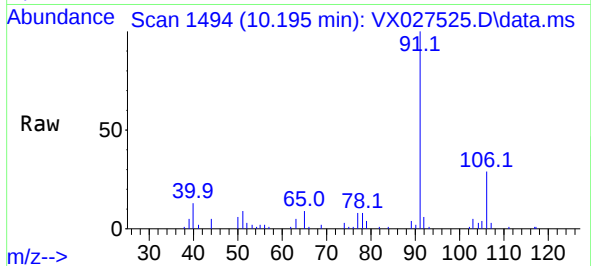




#67
Ethyl Benzene
Concen: 0.632 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

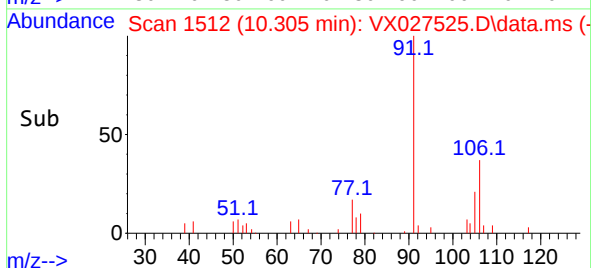
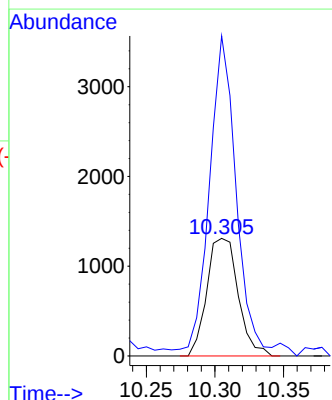
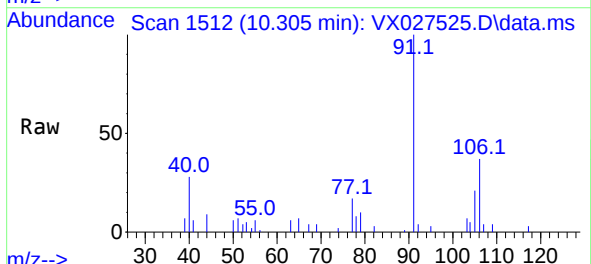
Instrument :
MSVOA_X
ClientSampleId :

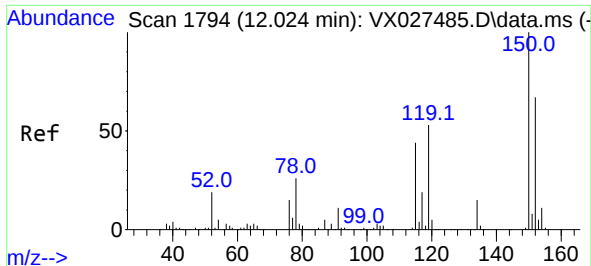
Tgt Ion: 91 Resp: 12368
Ion Ratio Lower Upper
91 100
106 28.6 24.6 36.8



#68
m/p-Xylenes
Concen: 0.270 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

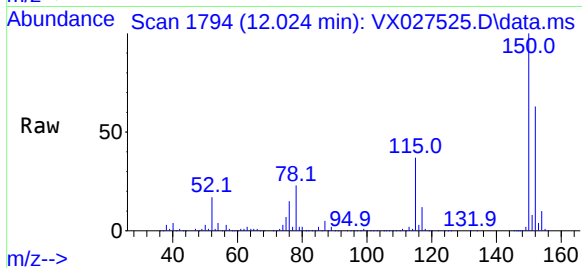
Tgt Ion: 106 Resp: 2084
Ion Ratio Lower Upper
106 100
91 237.9 160.4 240.6



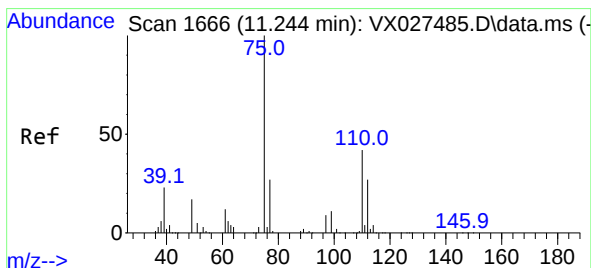
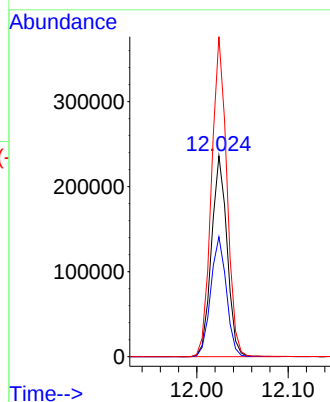
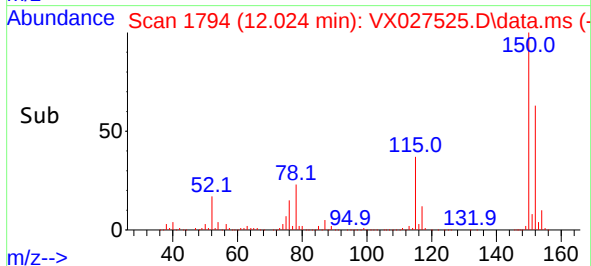


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

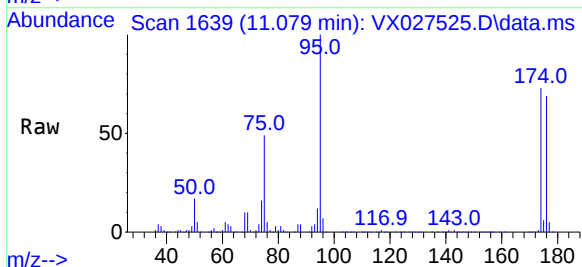
Instrument :
MSVOA_X
ClientSampleId :



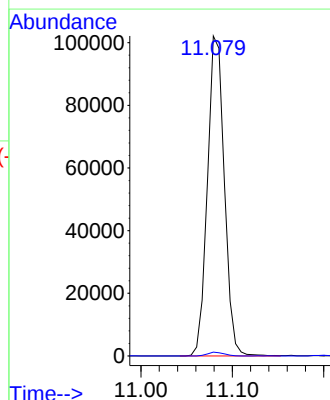
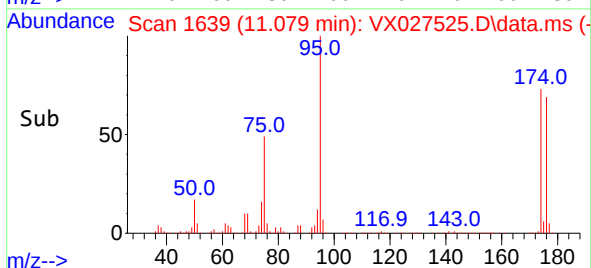
Tgt Ion:152 Resp: 278265
Ion Ratio Lower Upper
152 100
115 60.1 37.5 112.7
150 157.9 0.0 338.2

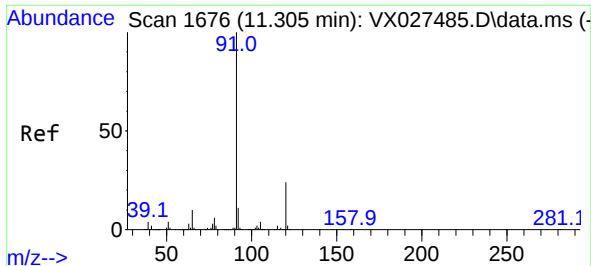


#76
1,2,3-Trichloropropane
Concen: 22.491 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08



Tgt Ion: 75 Resp: 130905
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

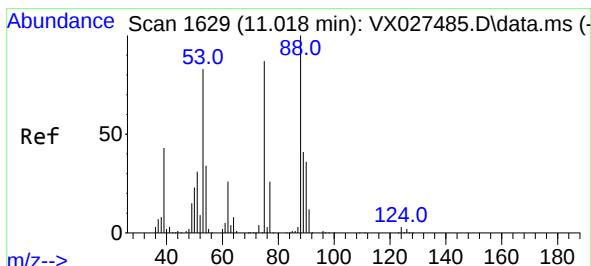
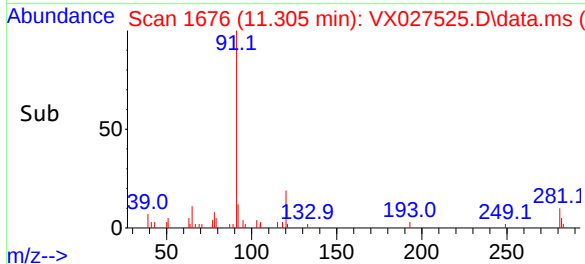
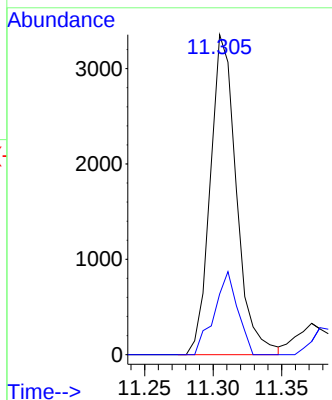
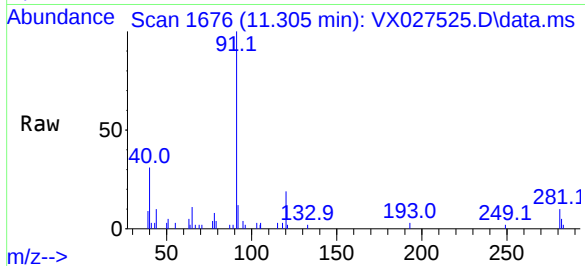




#78
n-propylbenzene
Concen: 0.200 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

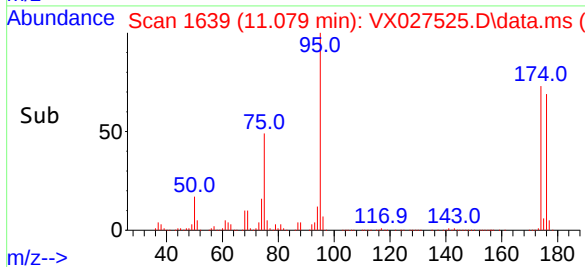
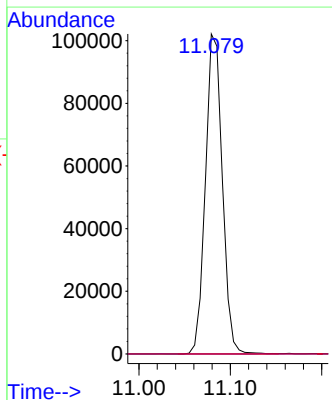
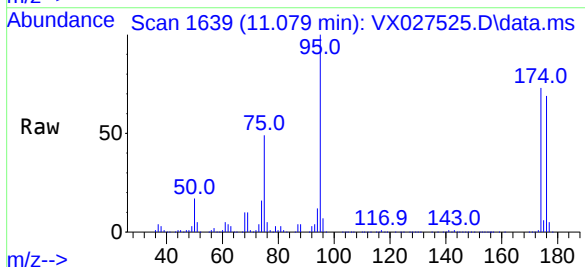
Instrument :
MSVOA_X
ClientSampleId :

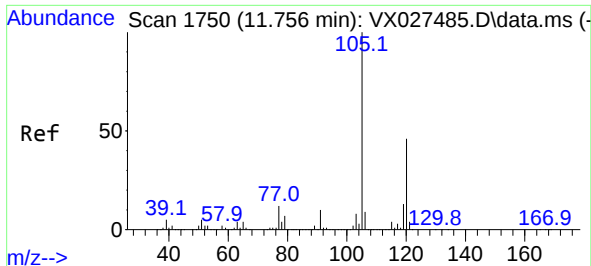
Tgt Ion: 91 Resp: 4458
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



#81
trans-1,4-Dichloro-2-butene
Concen: 68.305 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 75 Resp: 130905
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

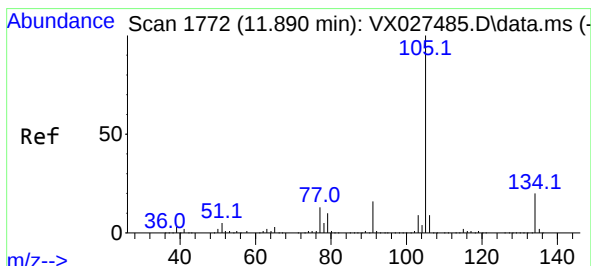
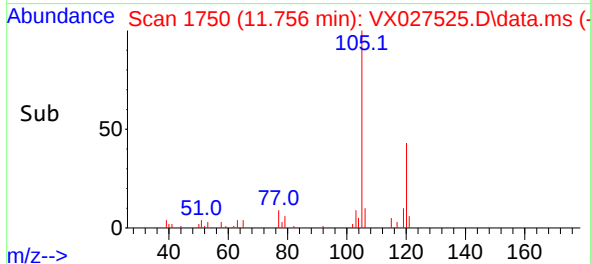
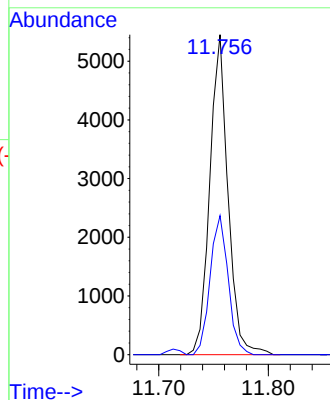
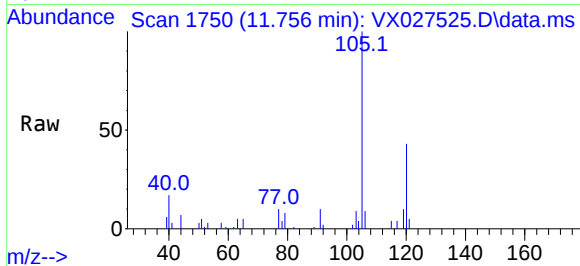




#84
1,2,4-Trimethylbenzene
Concen: 0.369 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

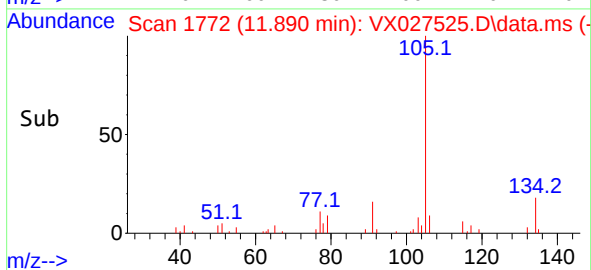
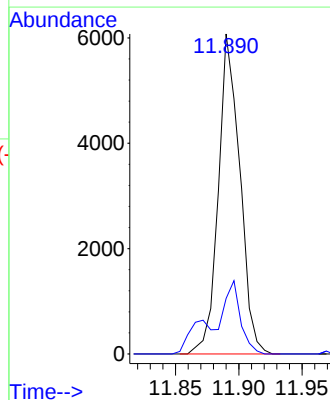
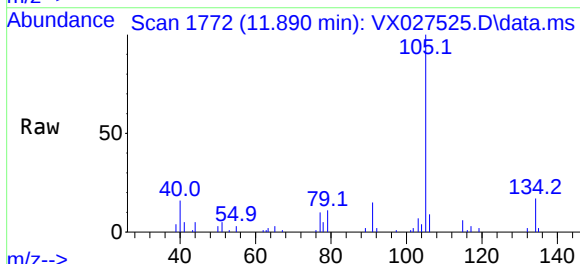
Instrument :
MSVOA_X
ClientSampleId :

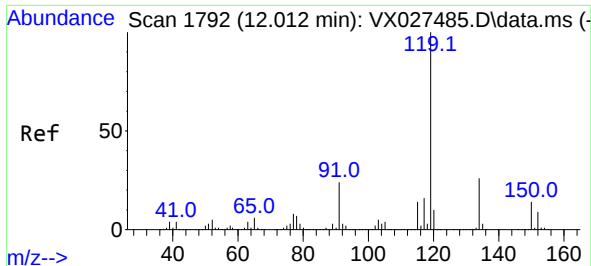
Tgt Ion:105 Resp: 6277
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.351 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion:105 Resp: 7164
Ion Ratio Lower Upper
105 100
134 18.9 10.2 30.4

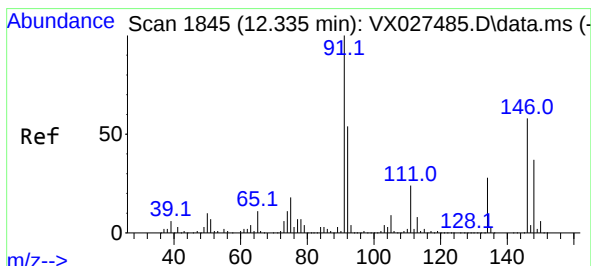
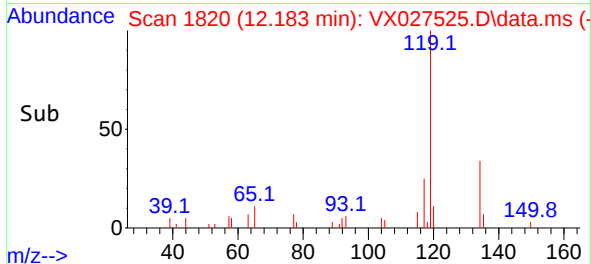
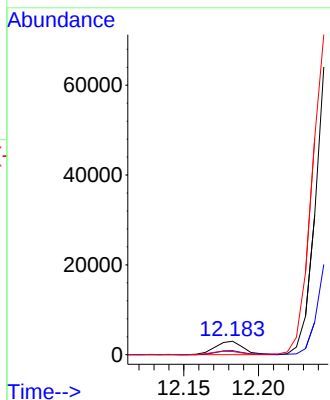
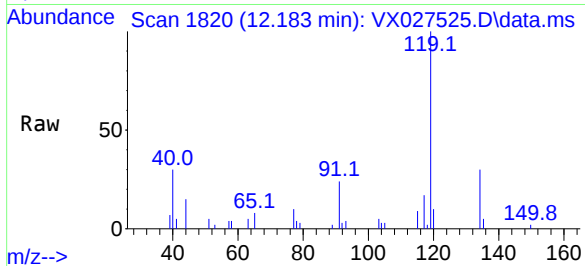




#86
p-Isopropyltoluene
Concen: 0.219 ug/l
RT: 12.183 min Scan# 119
Delta R.T. 0.171 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

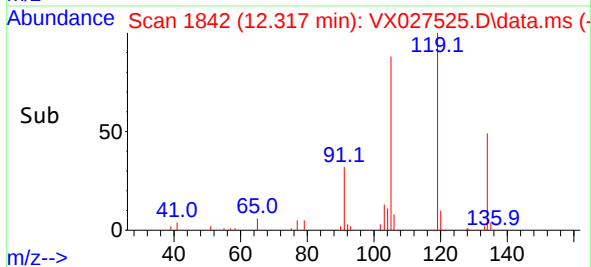
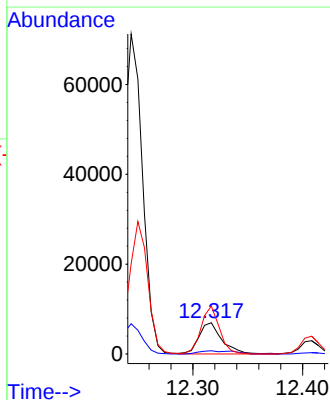
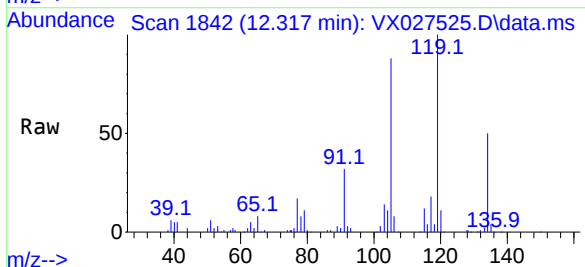
Instrument :
MSVOA_X
ClientSampleId :

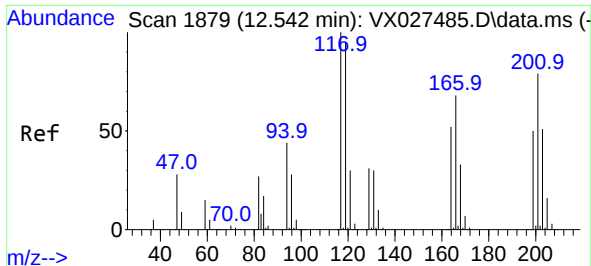
Tgt Ion:119 Resp: 3846
Ion Ratio Lower Upper
119 100
134 31.0 13.0 39.0
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 0.693 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.018 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion: 91 Resp: 10144
Ion Ratio Lower Upper
91 100
92 15.3 27.8 83.3#
134 123.0 13.3 39.8#

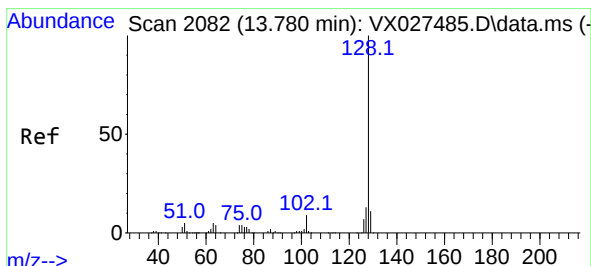
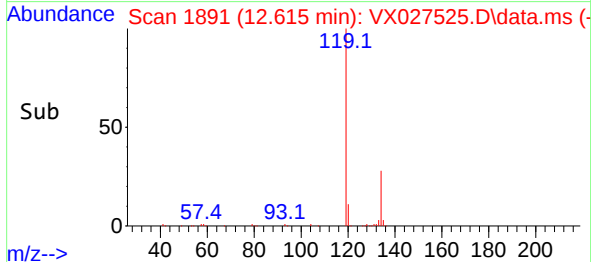
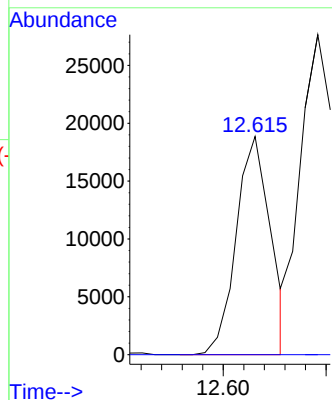
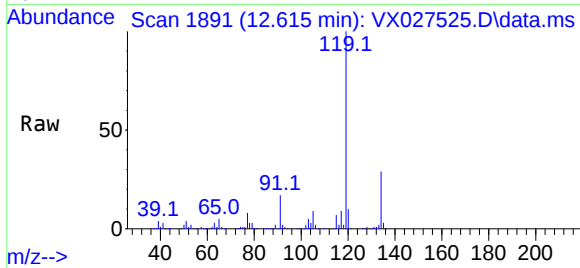




#90
Hexachloroethane
Concen: 7.818 ug/l
RT: 12.615 min Scan# 117
Delta R.T. 0.073 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 21869
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#95
Naphthalene
Concen: 1.185 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027525.D
Acq: 18 Mar 2022 14:08

Tgt Ion:128 Resp: 22861
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 16.9 8.7 13.1#

