

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028727.D
 Acq On : 16 May 2022 13:34
 Operator : JC/MD
 Sample : N2862-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB051322

Quant Time: May 17 03:35:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

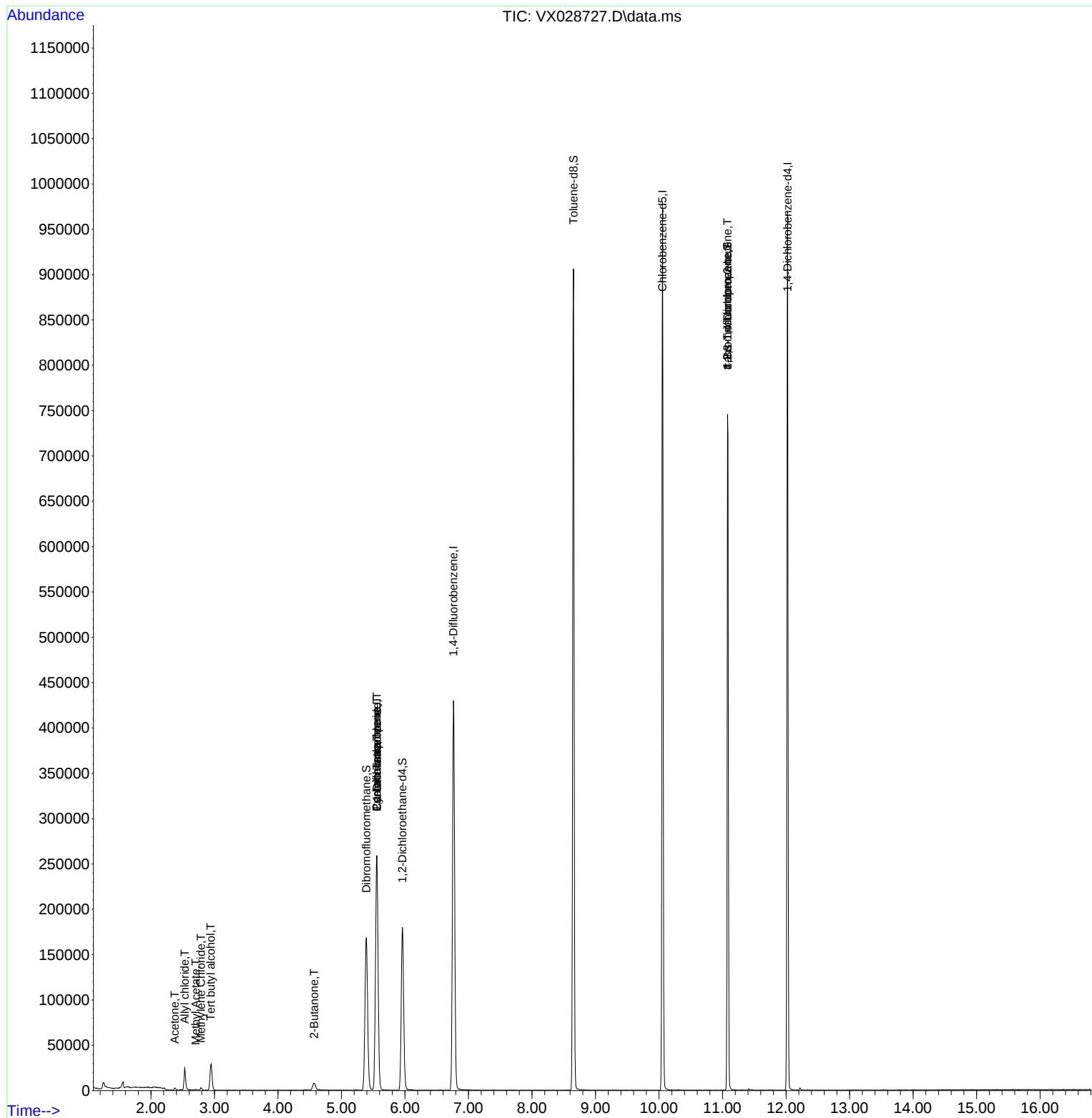
Internal Standards						
1) Pentafluorobenzene	5.556	168	238448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172084	52.648	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.300%	
35) Dibromofluoromethane	5.391	113	143861	49.999	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	532892	49.124	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.240%	
62) 4-Bromofluorobenzene	11.079	95	194720	48.058	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	560	Below Cal	#	72
6) Chloroethane	1.642	64	1144	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	16836	16.830	ug/l #	76
14) Allyl chloride	2.532	41	2495	0.630	ug/l #	48
16) Acetone	2.374	43	2536	1.808	ug/l	93
18) Methyl Acetate	2.703	43	1031	0.293	ug/l #	50
20) Methylene Chloride	2.788	84	1161	0.394	ug/l #	92
25) 2-Butanone	4.568	43	675	0.307	ug/l #	44
31) Cyclohexane	5.556	56	5275	1.163	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	19885	4.601	ug/l #	50
38) Carbon Tetrachloride	5.556	117	26029	5.985	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	104650	24.122	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	104650	70.262	ug/l #	15

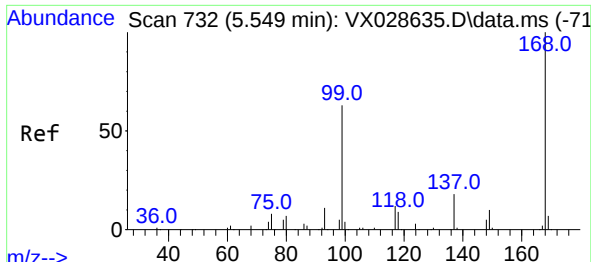
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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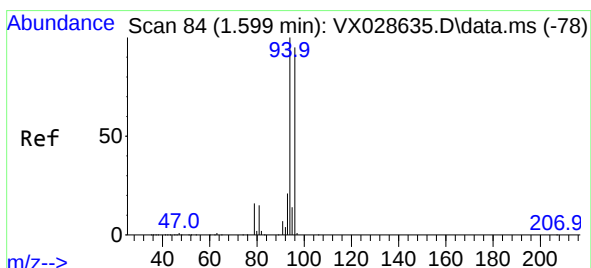
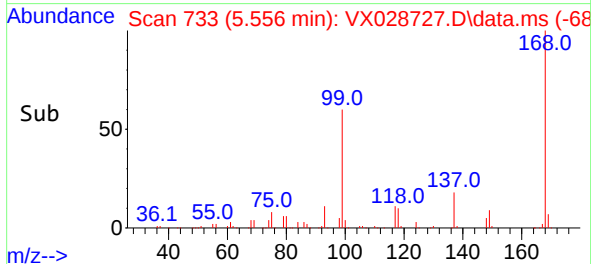
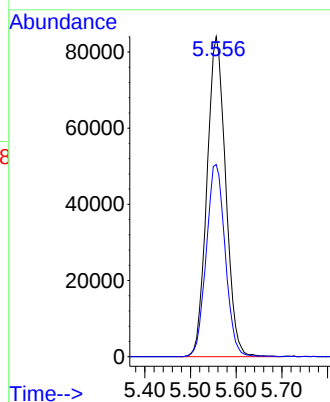
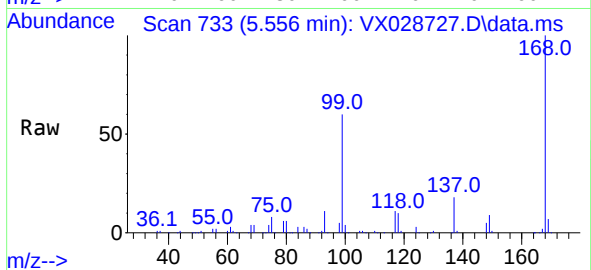




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

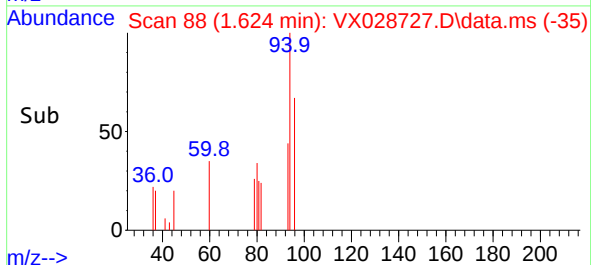
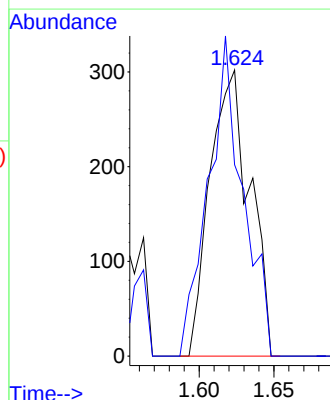
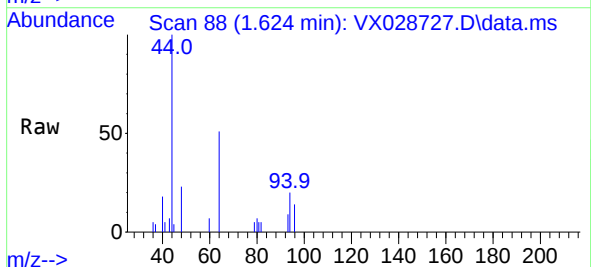
Instrument :
MSVOA_X
ClientSampleId :
FB051322

Tgt Ion:168 Resp: 238448
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5

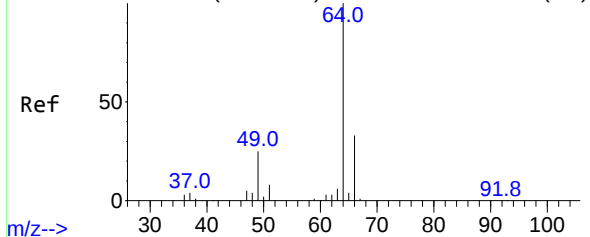


#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 66.9 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6

Chloroethane

Concen: Below Cal

RT: 1.642 min Scan# 91

Delta R.T. -0.036 min

Lab File: VX028727.D

Acq: 16 May 2022 13:34

Instrument :

MSVOA_X

ClientSampleId :

FB051322

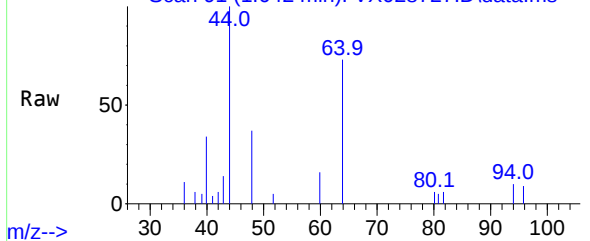
Tgt Ion: 64 Resp: 1144

Ion Ratio Lower Upper

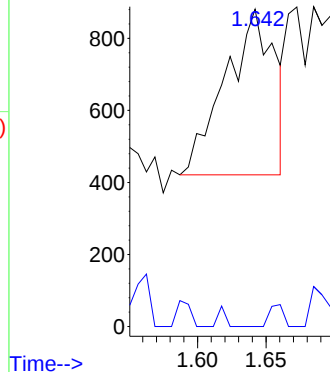
64 100

66 0.0 25.3 37.9#

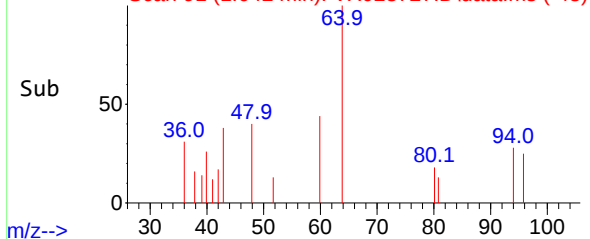
Abundance Scan 91 (1.642 min): VX028727.D\data.ms



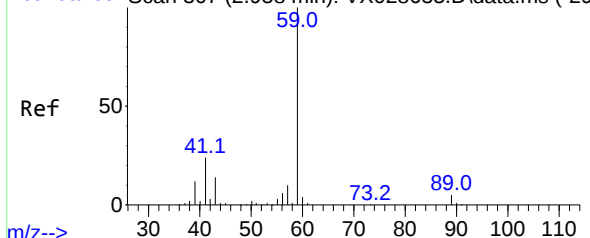
Abundance



Abundance Scan 91 (1.642 min): VX028727.D\data.ms (-48)



Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: 16.830 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.017 min

Lab File: VX028727.D

Acq: 16 May 2022 13:34

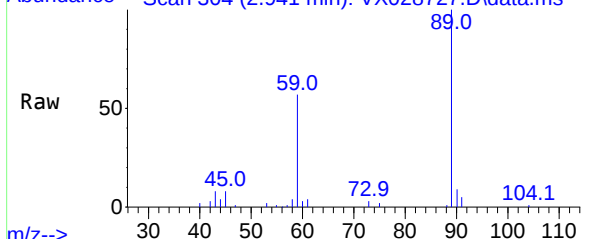
Tgt Ion: 59 Resp: 16836

Ion Ratio Lower Upper

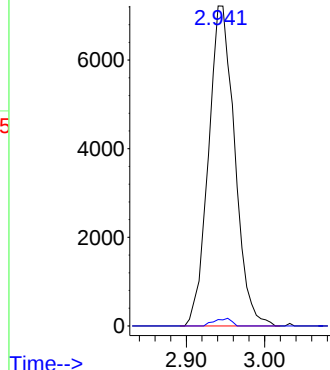
59 100

57 1.6 8.3 12.5#

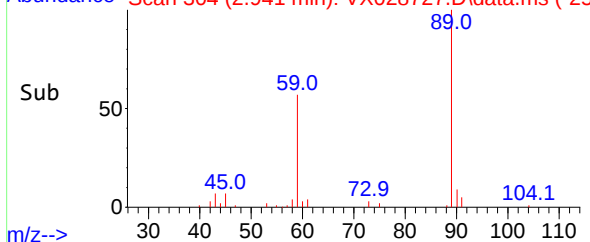
Abundance Scan 304 (2.941 min): VX028727.D\data.ms

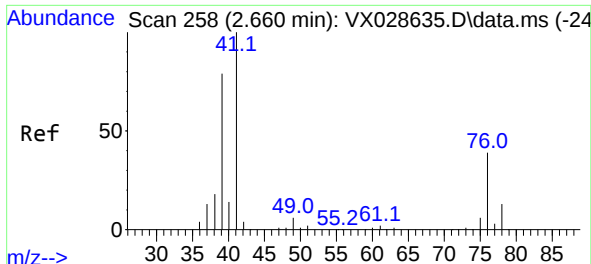


Abundance



Abundance Scan 304 (2.941 min): VX028727.D\data.ms (-25)

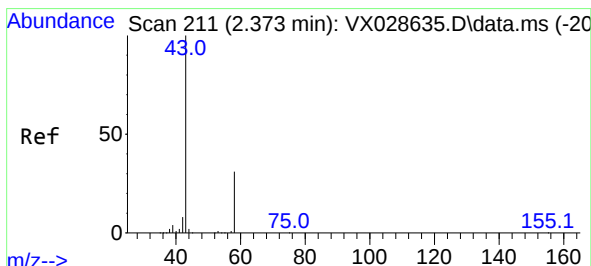
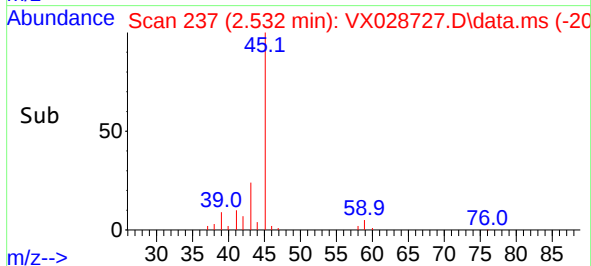
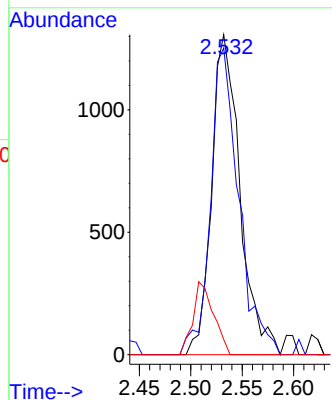
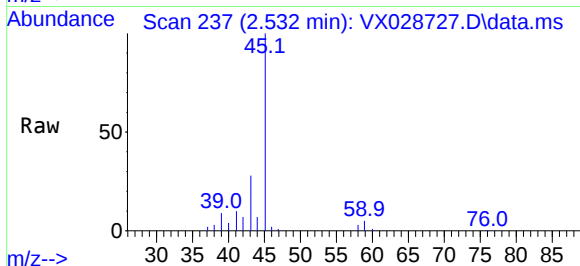




#14
Allyl chloride
Concen: 0.630 ug/l
RT: 2.532 min Scan# 211
Delta R.T. -0.128 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

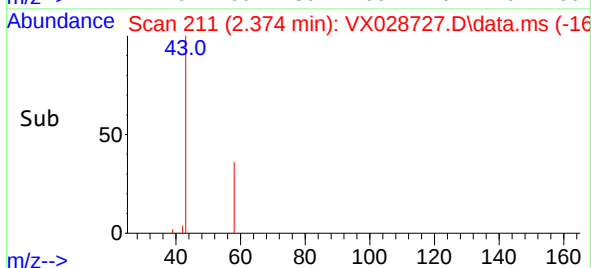
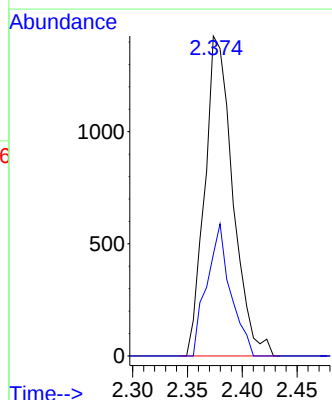
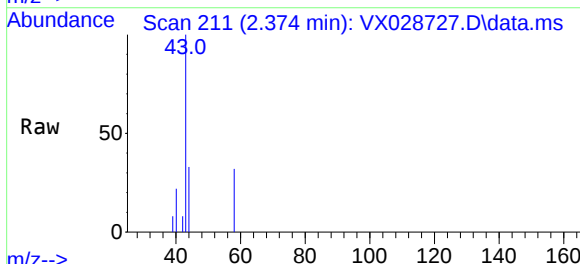
Instrument :
MSVOA_X
ClientSampleId :
FB051322

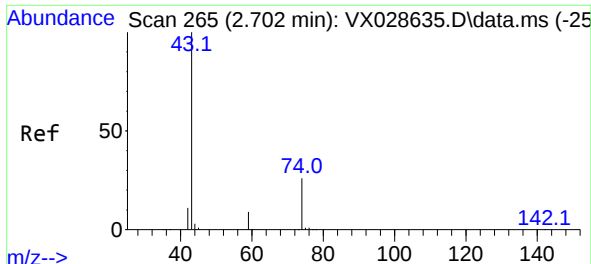
Tgt Ion: 41 Resp: 2495
Ion Ratio Lower Upper
41 100
39 96.1 50.4 75.6#
76 0.0 32.7 49.1#



#16
Acetone
Concen: 1.808 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2

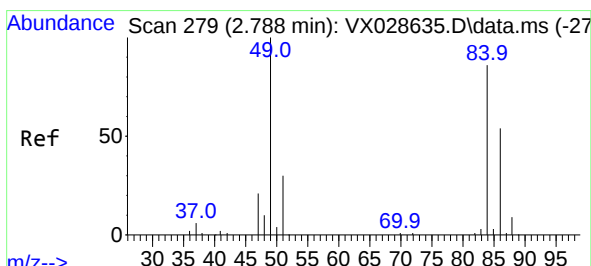
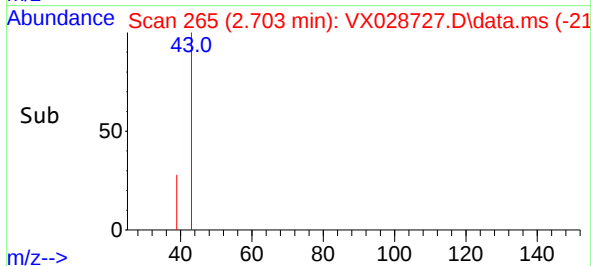
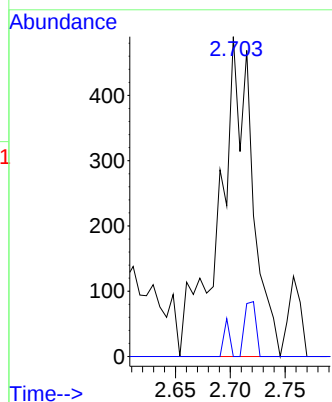
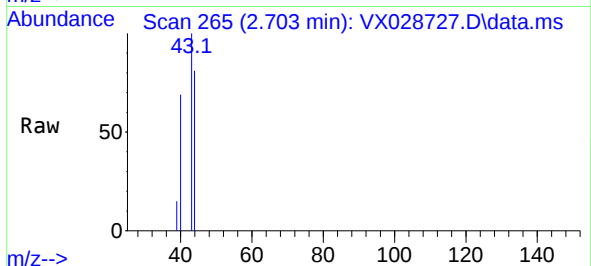




#18
Methyl Acetate
Concen: 0.293 ug/l
RT: 2.703 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

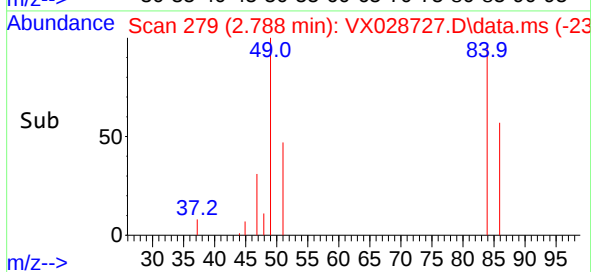
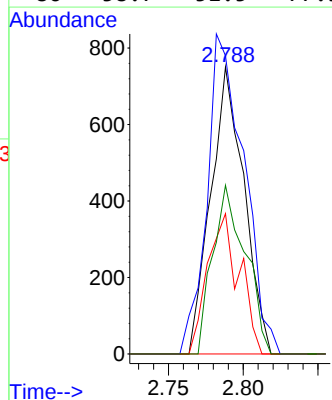
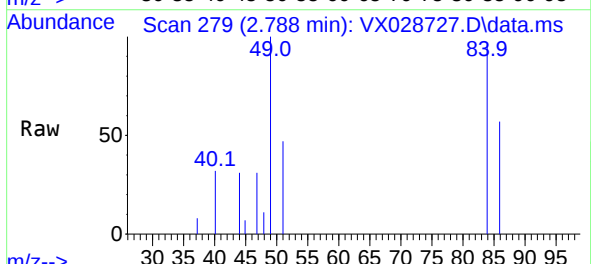
Instrument :
MSVOA_X
ClientSampleId :
FB051322

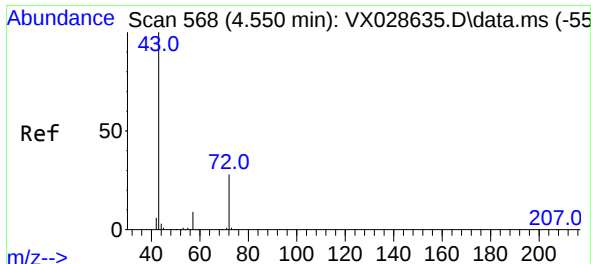
Tgt Ion: 43 Resp: 1031
Ion Ratio Lower Upper
43 100
74 2.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.394 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 84 Resp: 1161
Ion Ratio Lower Upper
84 100
49 103.9 85.5 128.3
51 48.9 26.6 39.8#
86 58.7 51.5 77.3

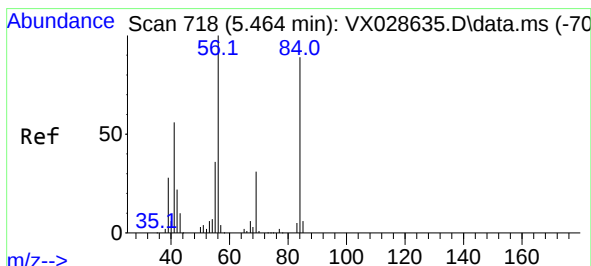
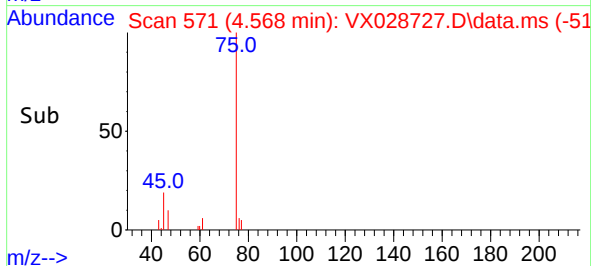
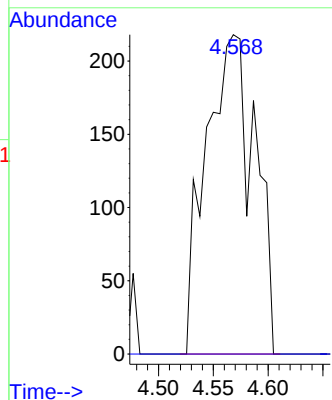
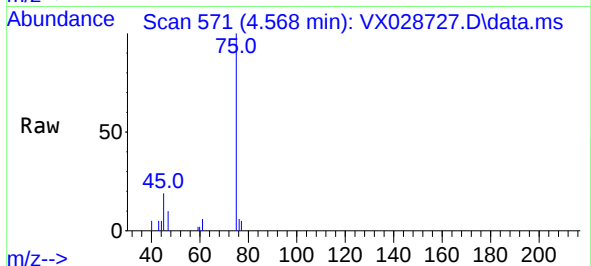




#25
2-Butanone
Concen: 0.307 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

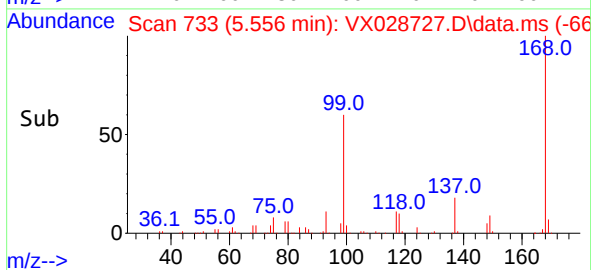
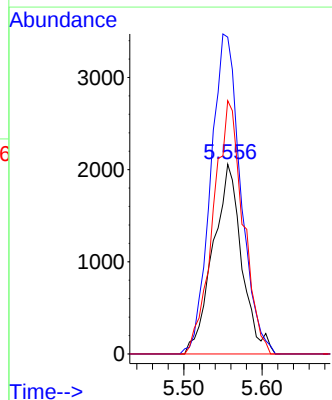
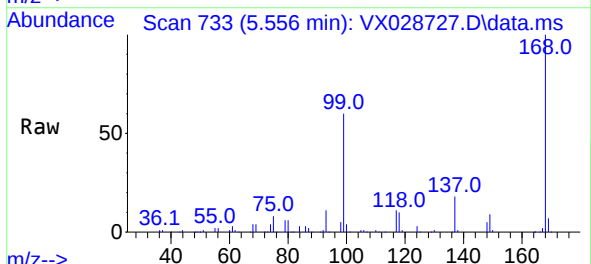
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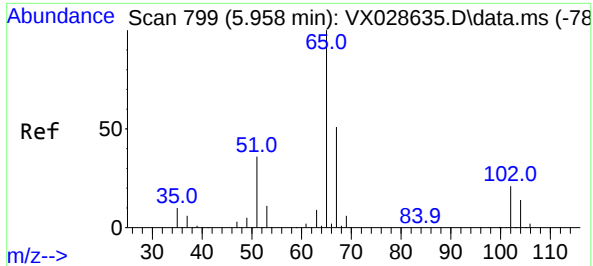
Tgt Ion: 43 Resp: 675
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.092 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 56 Resp: 5275
Ion Ratio Lower Upper
56 100
69 166.9 26.7 40.1#
84 133.5 77.2 115.8#

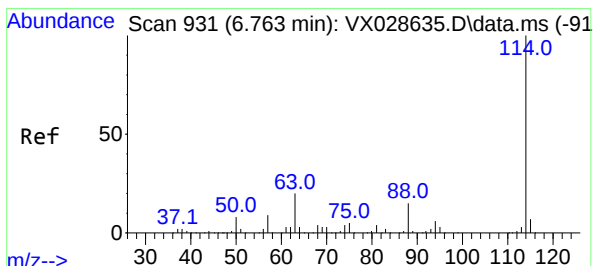
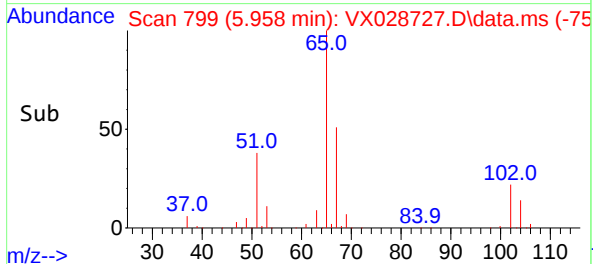
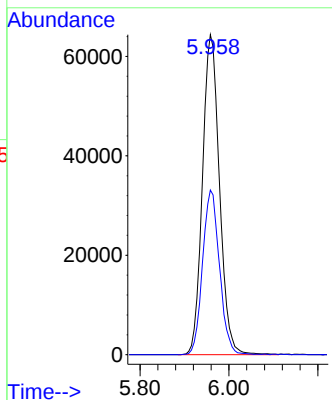
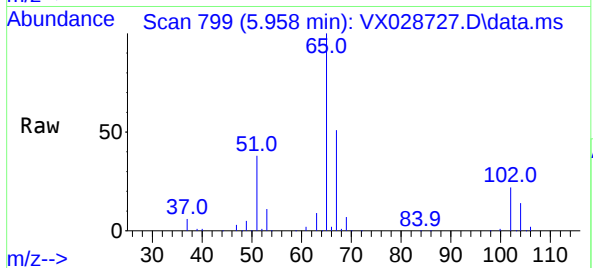




#33
 1,2-Dichloroethane-d4
 Concen: 52.648 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028727.D
 Acq: 16 May 2022 13:34

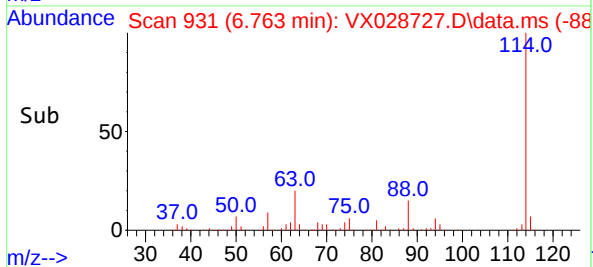
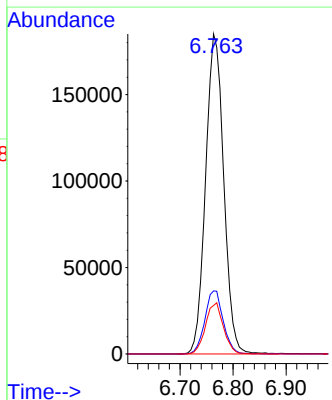
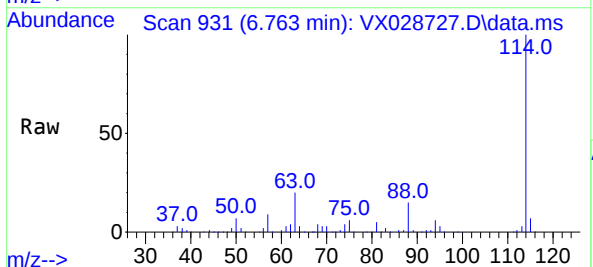
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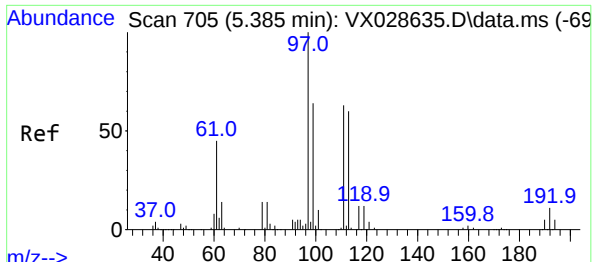
Tgt Ion: 65 Resp: 172084
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX028727.D
 Acq: 16 May 2022 13:34

Tgt Ion: 114 Resp: 439158
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 36.8
 88 15.2 0.0 32.4

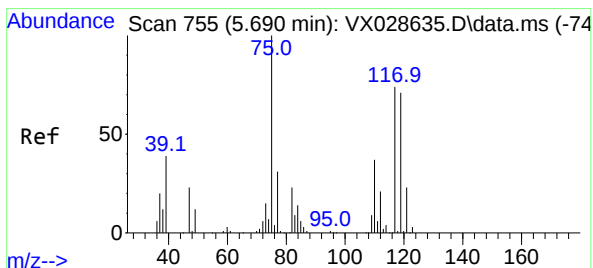
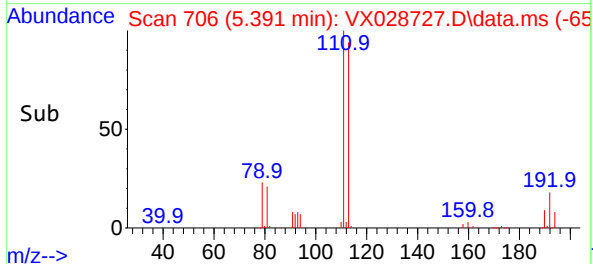
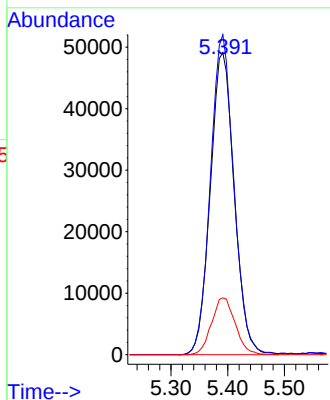
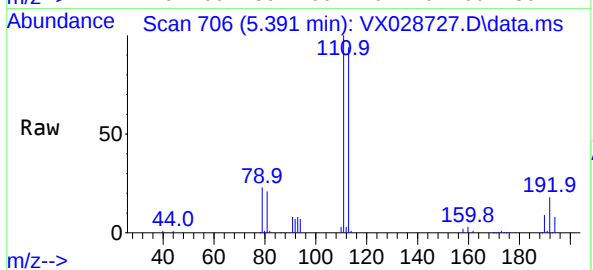




#35
Dibromofluoromethane
Concen: 49.999 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

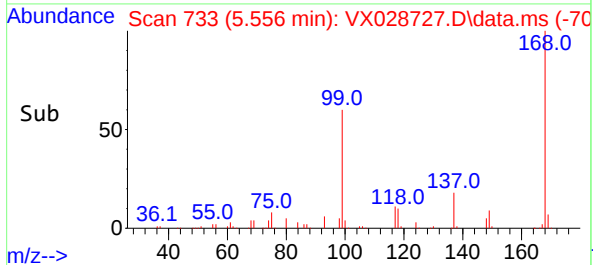
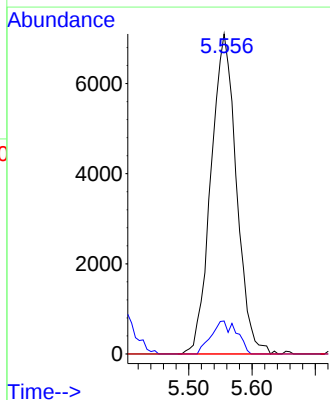
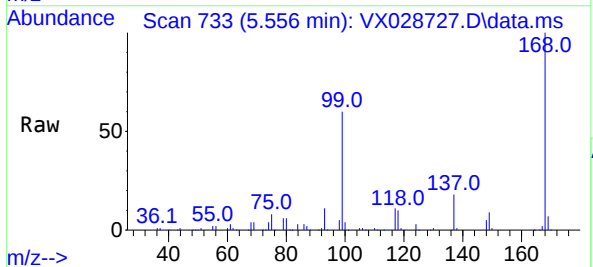
Instrument :
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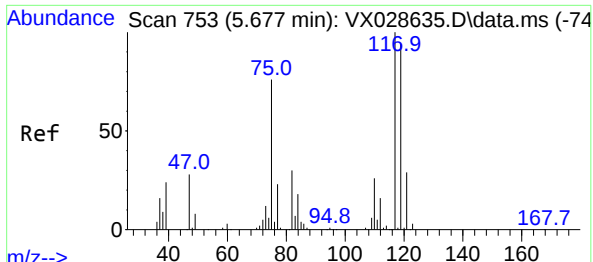
Tgt Ion:113 Resp: 143861
Ion Ratio Lower Upper
113 100
111 103.7 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

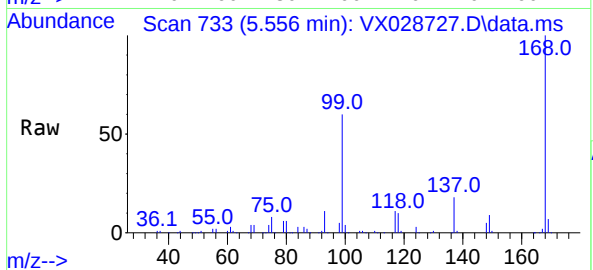
Tgt Ion: 75 Resp: 19885
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#



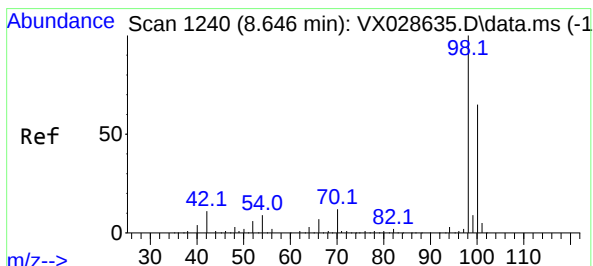
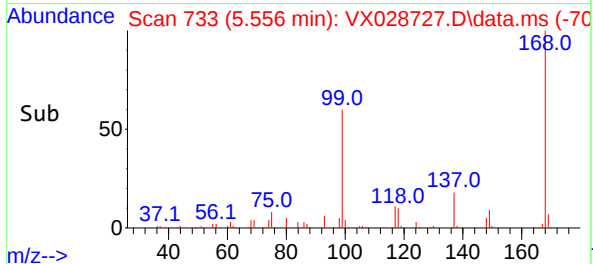
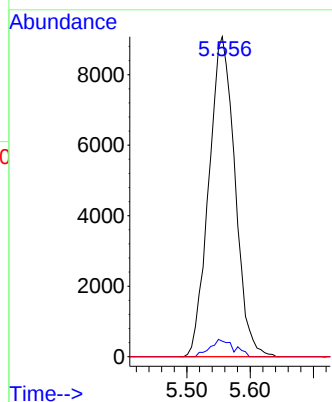


#38
Carbon Tetrachloride
Concen: 5.985 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Instrument :
MSVOA_X
ClientSampleId :
FB051322

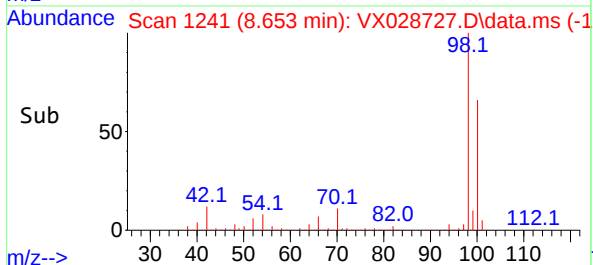
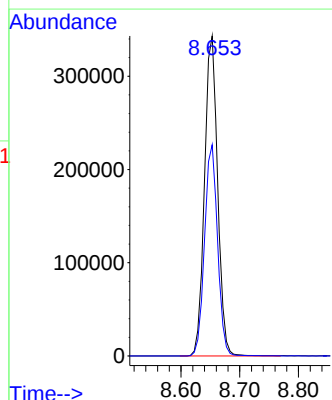
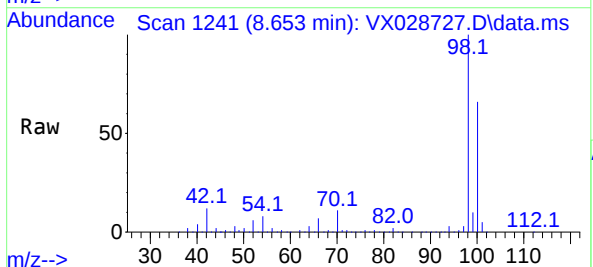


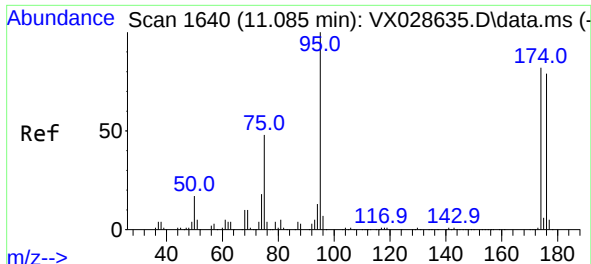
Tgt Ion:117 Resp: 26029
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.124 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 98 Resp: 532892
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

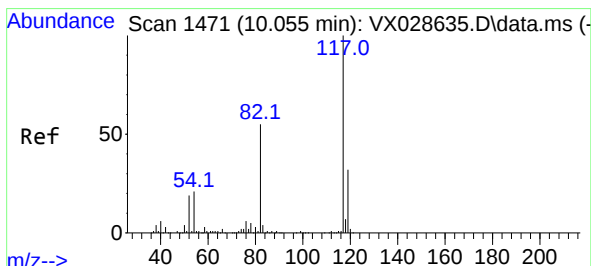
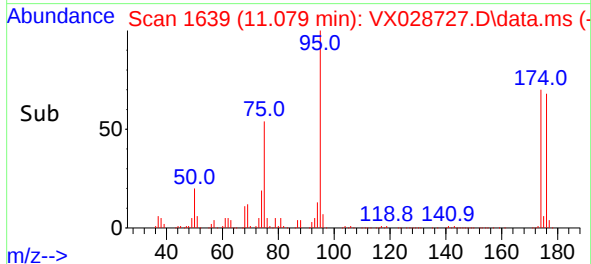
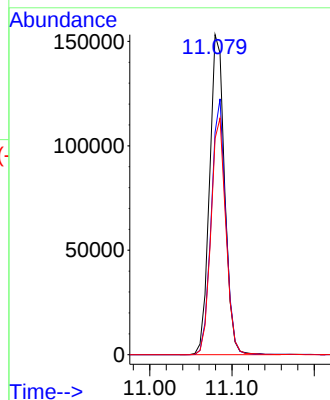
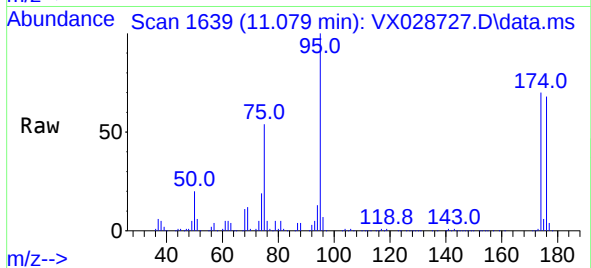




#62
4-Bromofluorobenzene
Concen: 48.058 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

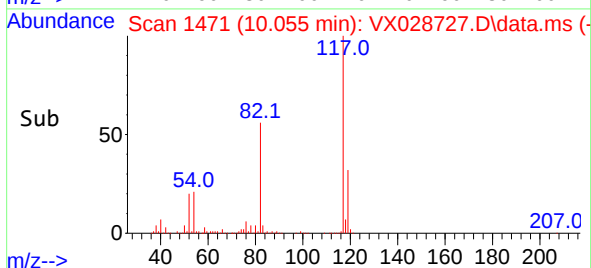
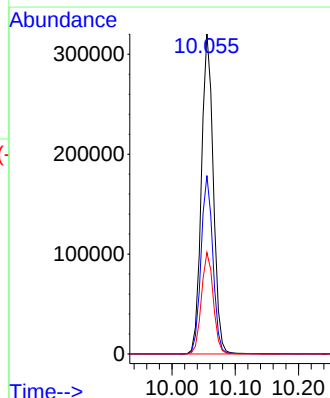
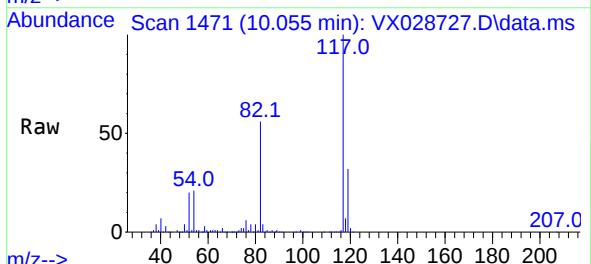
Instrument :
MSVOA_X
ClientSampleId :
FB051322

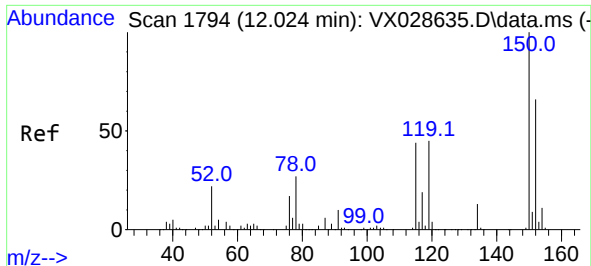
Tgt Ion: 95 Resp: 194720
Ion Ratio Lower Upper
95 100
174 76.9 0.0 163.0
176 73.2 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

Tgt Ion: 117 Resp: 419917
Ion Ratio Lower Upper
117 100
82 55.8 41.8 62.8
119 31.7 24.8 37.2

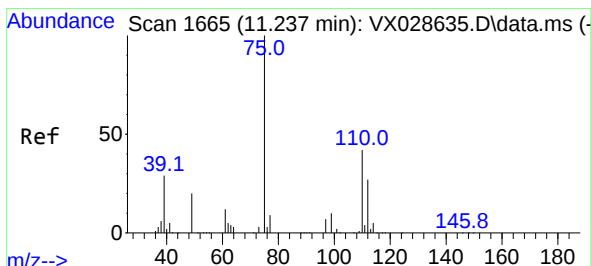
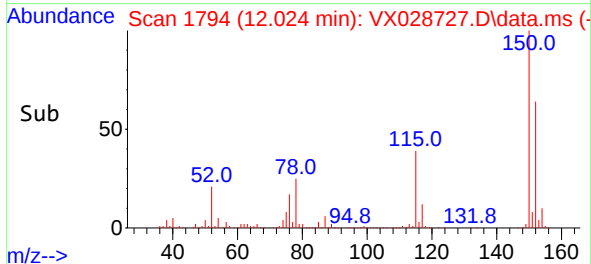
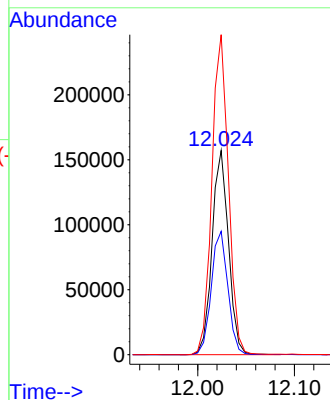
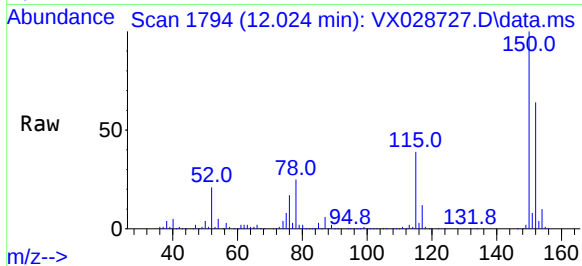




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

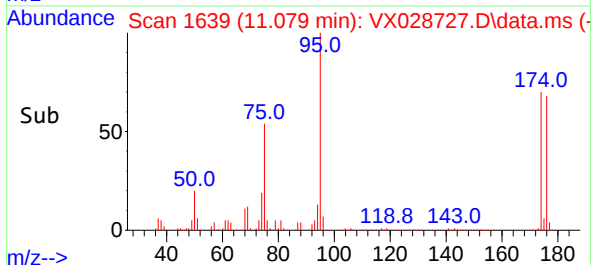
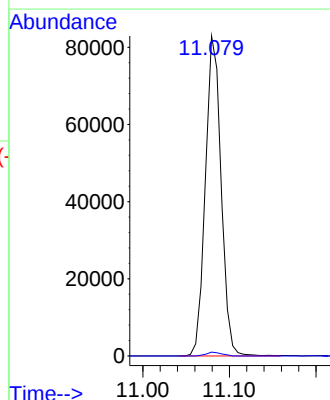
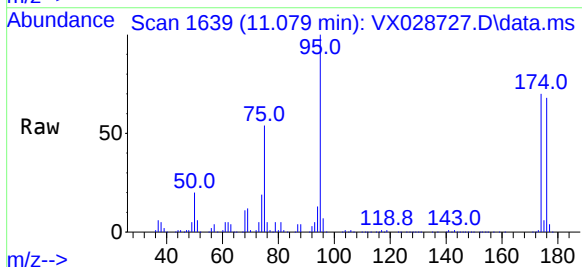
Instrument :
MSVOA_X
ClientSampleId :
FB051322

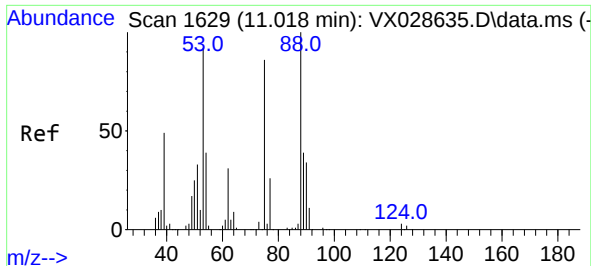
Tgt Ion:152 Resp: 185250
Ion Ratio Lower Upper
152 100
115 61.2 37.5 112.7
150 157.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.122 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028727.D
Acq: 16 May 2022 13:34

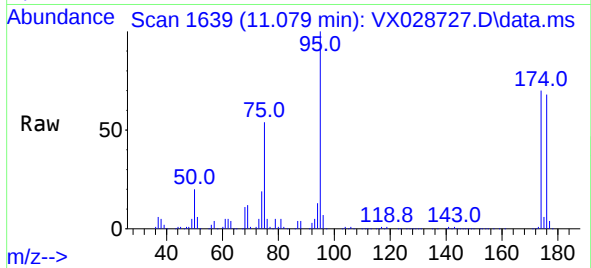
Tgt Ion: 75 Resp: 104650
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.262 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028727.D
 Acq: 16 May 2022 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 FB051322



Tgt Ion: 75 Resp: 104650
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

