

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028429.D
 Acq On : 29 Apr 2022 17:23
 Operator : JC/MD
 Sample : N2640-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-042922

Quant Time: Apr 30 09:16:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

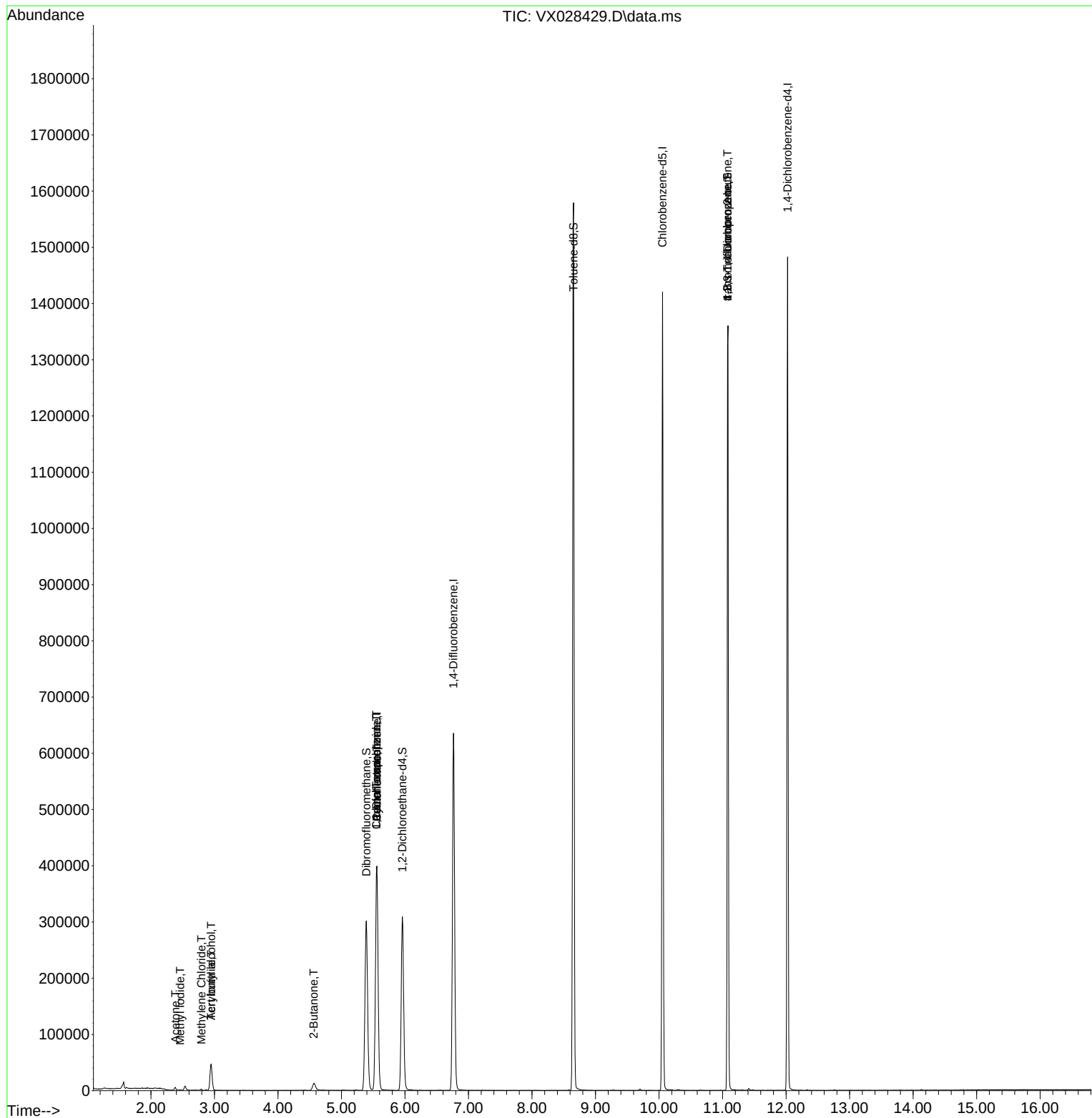
Internal Standards						
1) Pentafluorobenzene	5.556	168	387391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	670748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	650637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	306662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	291731	57.756	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 115.520%	
35) Dibromofluoromethane	5.391	113	260326	55.343	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.680%	
50) Toluene-d8	8.653	98	965086	53.418	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	11.079	95	349877	50.648	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.300%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	392	Below Cal	#	65
5) Bromomethane	1.611	94	943	Below Cal		82
6) Chloroethane	1.672	64	52	Below Cal	#	43
10) Methyl Iodide	2.459	142	673	5.375	ug/l #	84
11) Tert butyl alcohol	2.946	59	27630	19.400	ug/l #	77
15) Acrylonitrile	2.946	53	604	0.293	ug/l #	24
16) Acetone	2.386	43	5071	1.902	ug/l	97
20) Methylene Chloride	2.794	84	761	0.203	ug/l #	79
25) 2-Butanone	4.562	43	1090	0.364	ug/l #	75
31) Cyclohexane	5.556	56	7703	1.252	ug/l #	13
36) 1,1-Dichloropropene	5.550	75	29113	4.745	ug/l #	49
38) Carbon Tetrachloride	5.550	117	38088	5.499	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	178680	29.606	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	178680	87.981	ug/l #	15

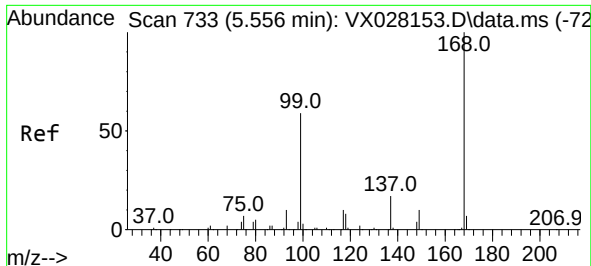
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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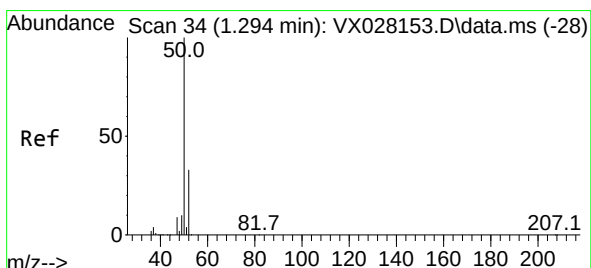
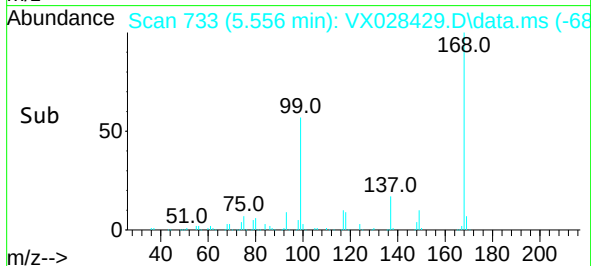
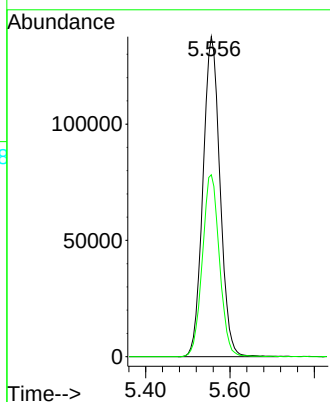
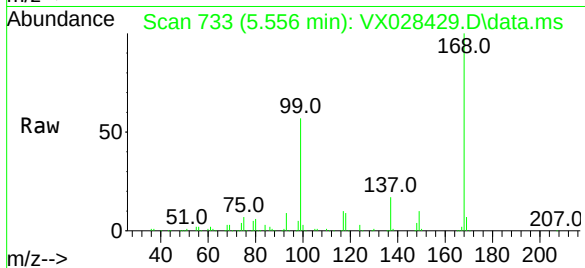




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

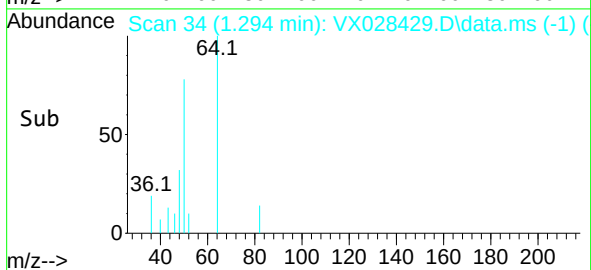
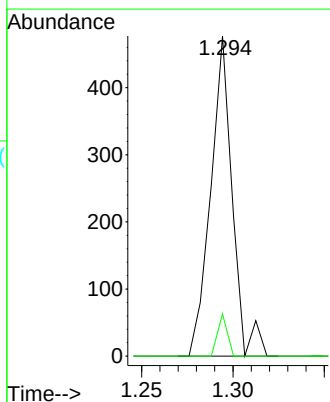
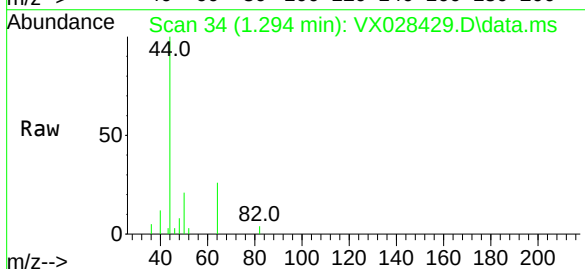
Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

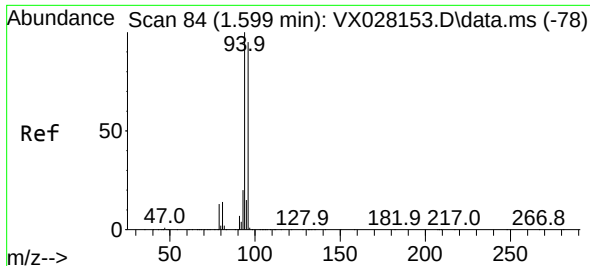
Tgt Ion:168 Resp: 387391
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 50 Resp: 392
Ion Ratio Lower Upper
50 100
52 13.2 26.4 39.6#

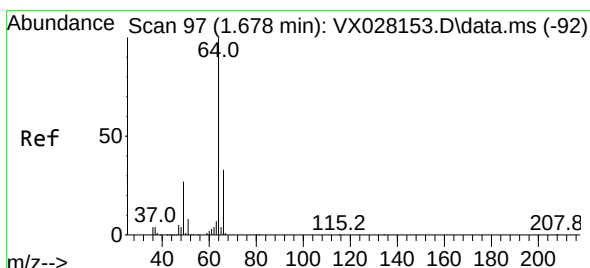
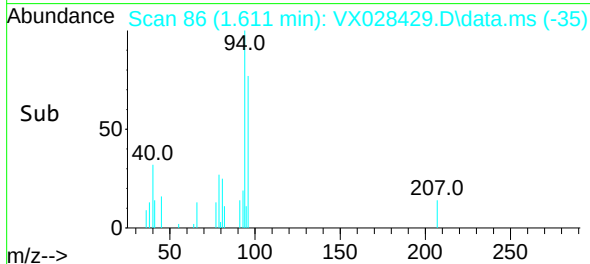
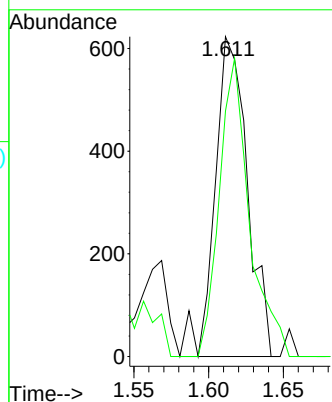
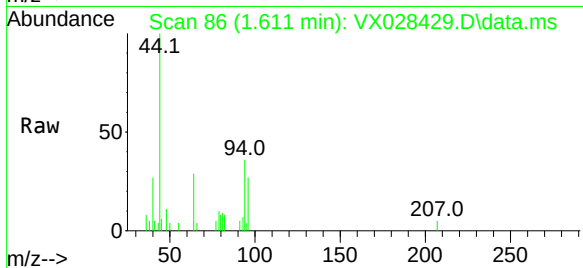




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

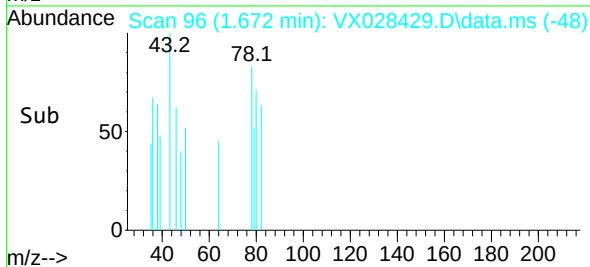
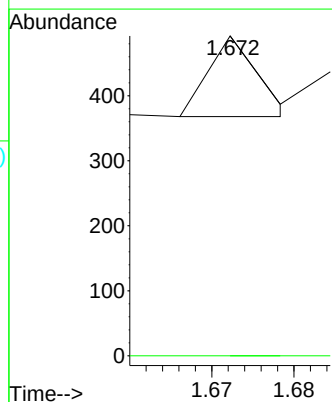
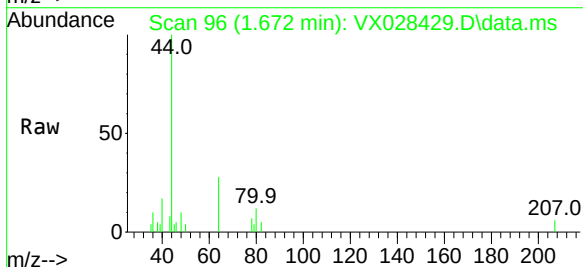
Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

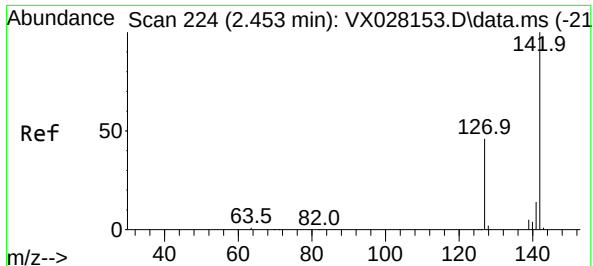
Tgt Ion: 94 Resp: 943
Ion Ratio Lower Upper
94 100
96 76.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 64 Resp: 52
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

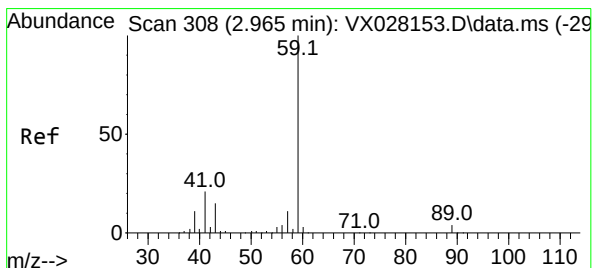
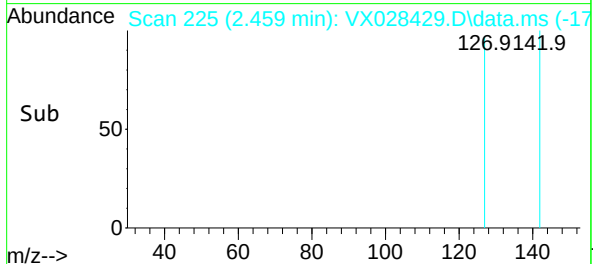
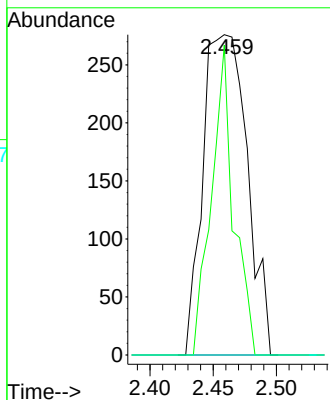
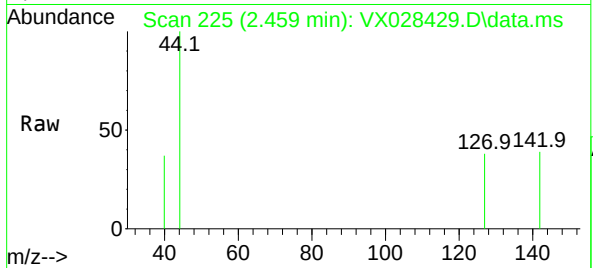




#10
Methyl Iodide
Concen: 5.375 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

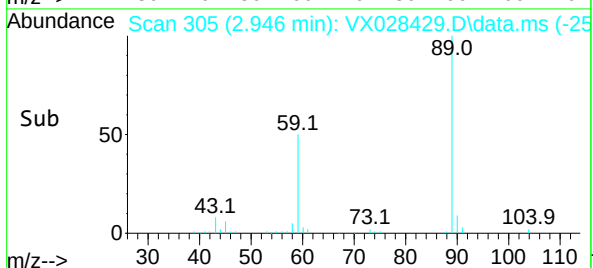
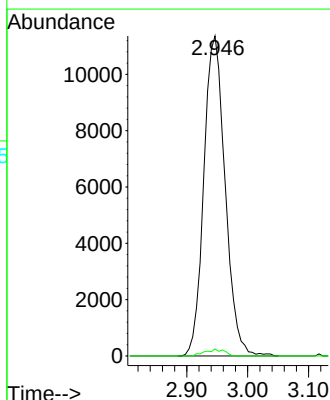
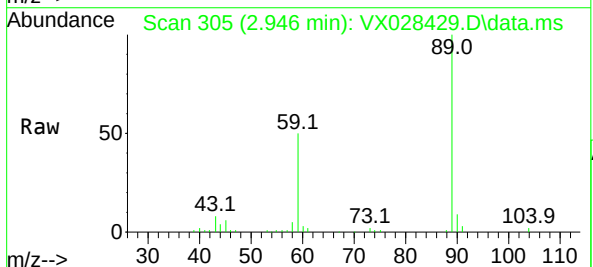
Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

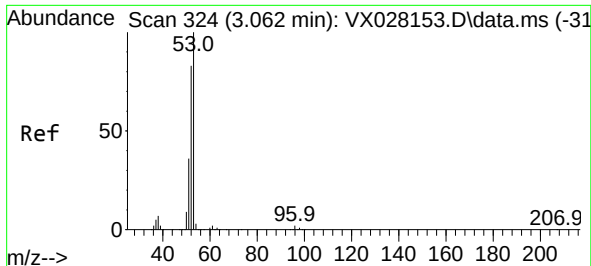
Tgt Ion:142 Resp: 673
Ion Ratio Lower Upper
142 100
127 48.6 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 19.400 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.019 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 59 Resp: 27630
Ion Ratio Lower Upper
59 100
57 1.9 8.3 12.5#

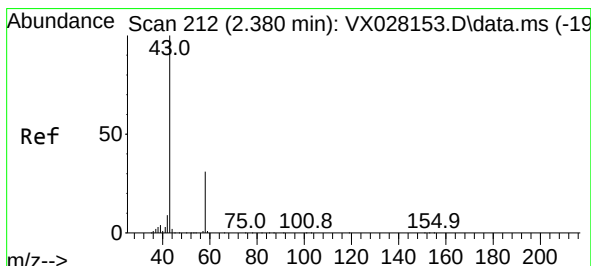
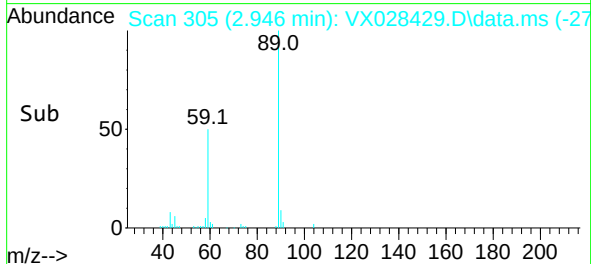
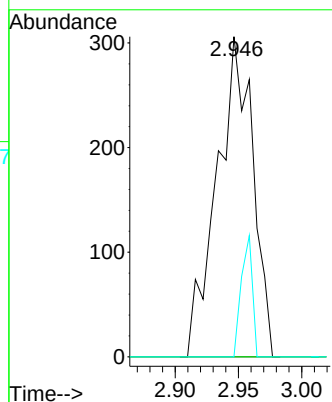
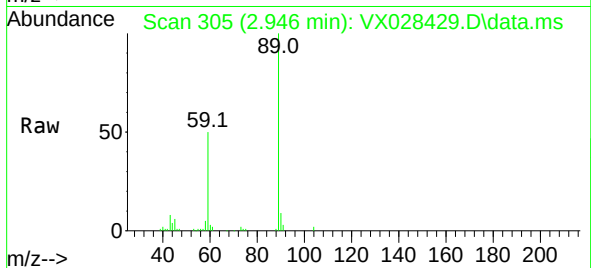




#15
Acrylonitrile
Concen: 0.293 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.116 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

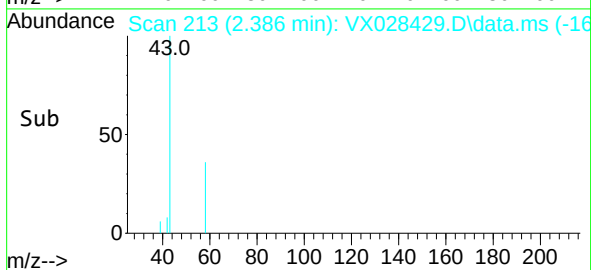
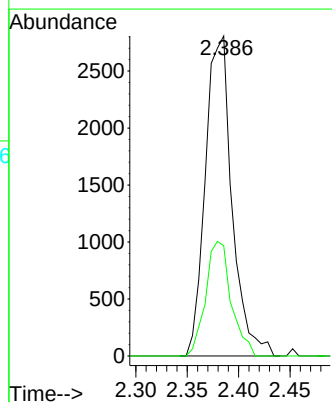
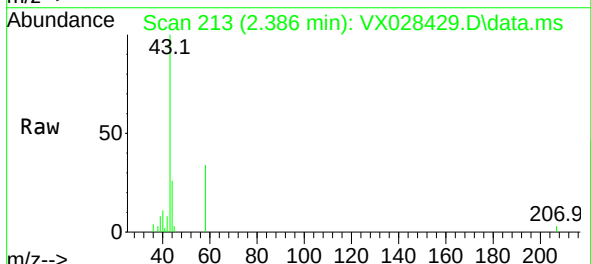
Instrument :
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ClientSampleId :
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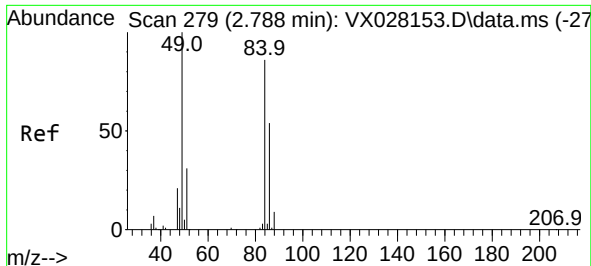
Tgt Ion: 53 Resp: 604
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 11.8 28.4 42.6#



#16
Acetone
Concen: 1.902 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 43 Resp: 5071
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2

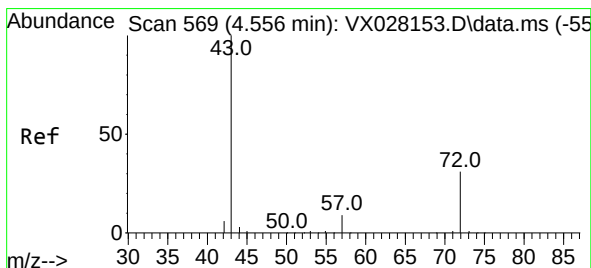
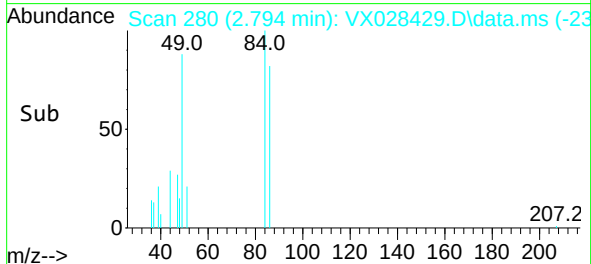
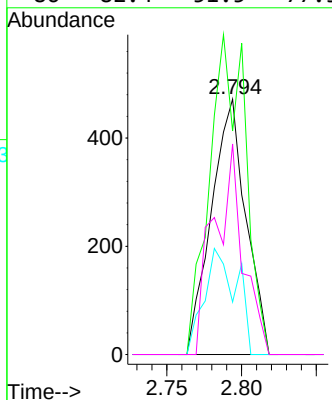
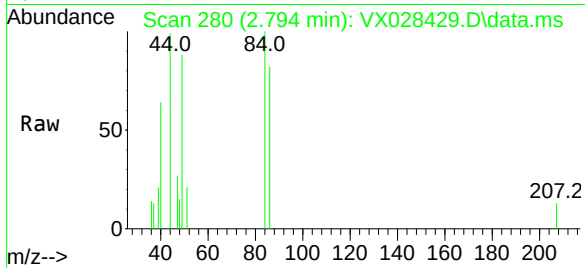




#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

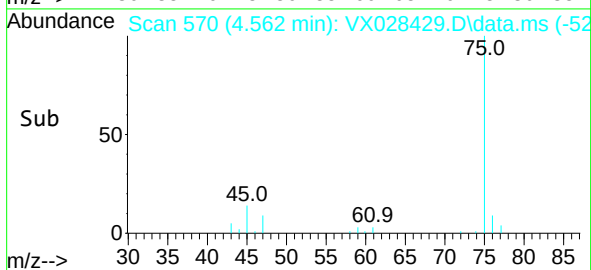
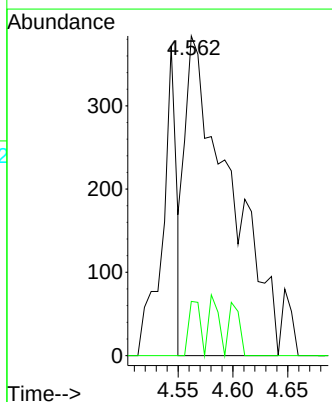
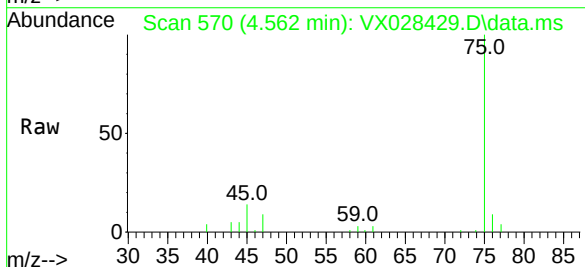
Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

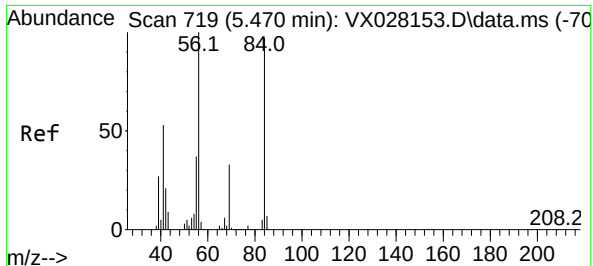
Tgt Ion: 84	Resp: 761
Ion Ratio	Lower Upper
84 100	
49 87.5	85.5 128.3
51 20.6	26.6 39.8#
86 82.4	51.5 77.3#



#25
2-Butanone
Concen: 0.364 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 43	Resp:	1090	
Ion	Ratio	Lower	Upper
43	100		
72	16.9	24.4	36.6#

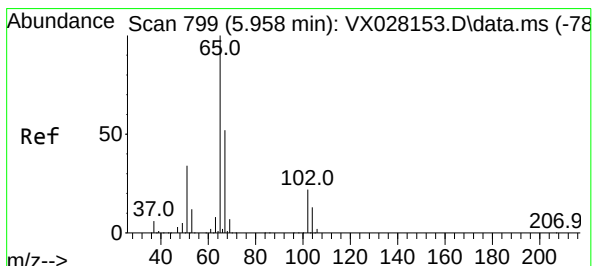
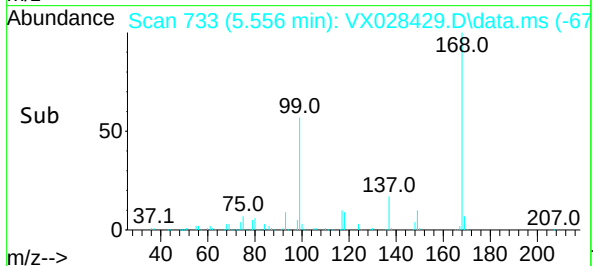
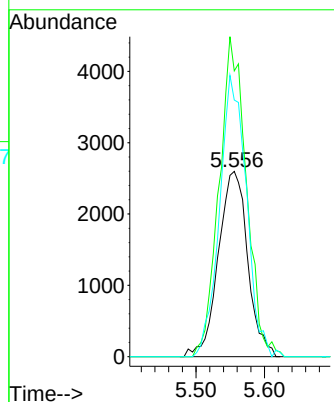
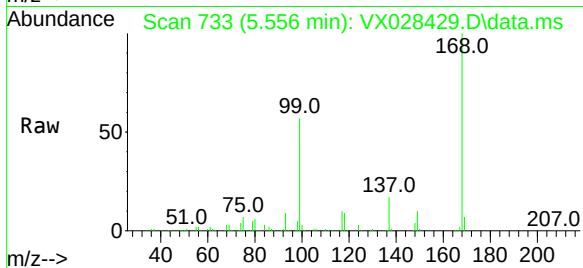




#31
Cyclohexane
Concen: 1.252 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

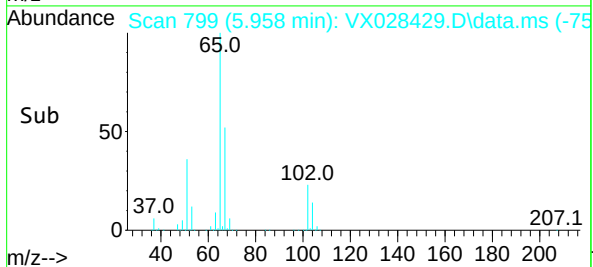
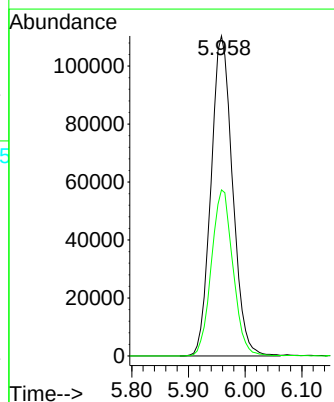
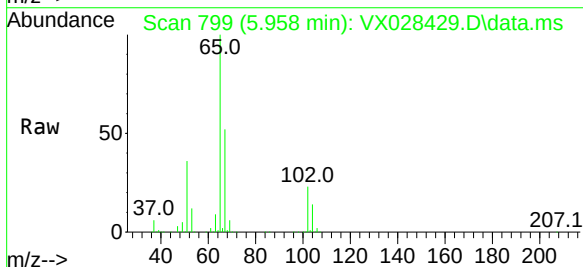
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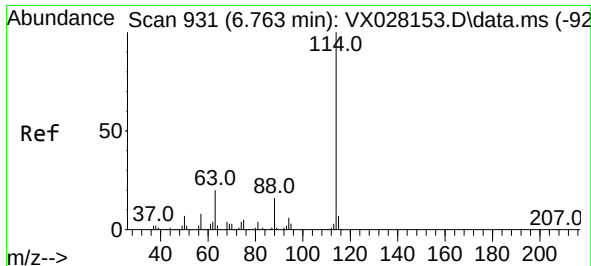
Tgt Ion: 56 Resp: 7703
Ion Ratio Lower Upper
56 100
69 154.3 26.7 40.1#
84 138.6 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.756 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 65 Resp: 291731
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4

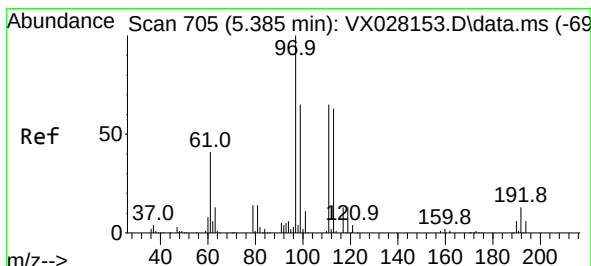
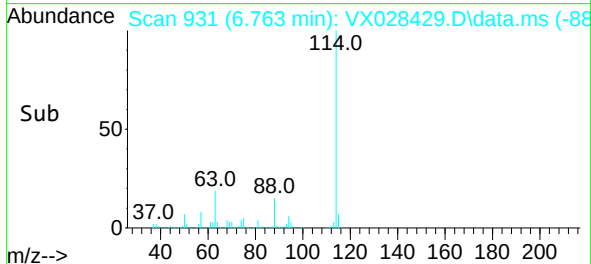
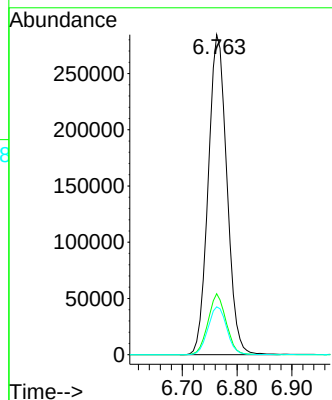
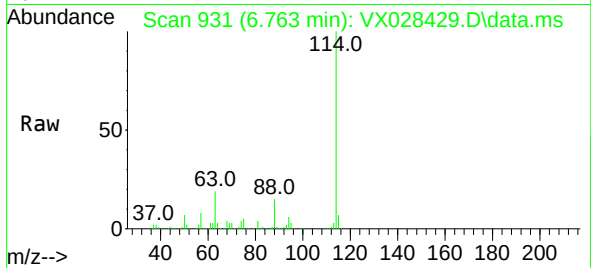




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX028429.D
 Acq: 29 Apr 2022 17:23

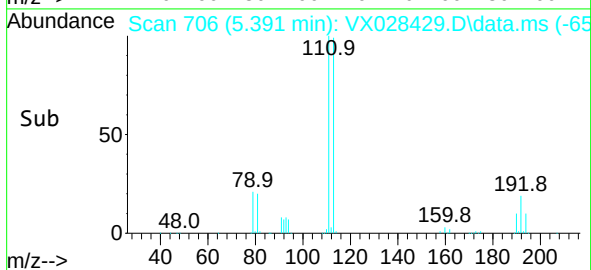
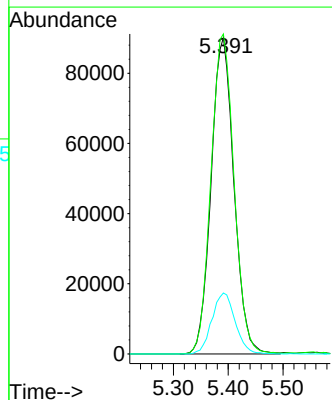
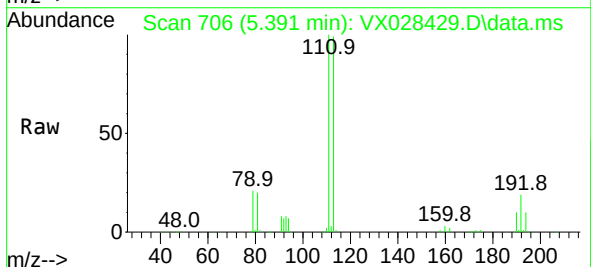
Instrument :
 MSVOA_X
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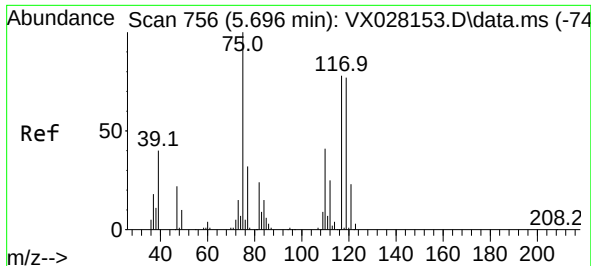
Tgt Ion:114 Resp: 670748
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 36.8
 88 14.9 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 55.343 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX028429.D
 Acq: 29 Apr 2022 17:23

Tgt Ion:113 Resp: 260326
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.8 124.2
 192 19.7 16.9 25.3

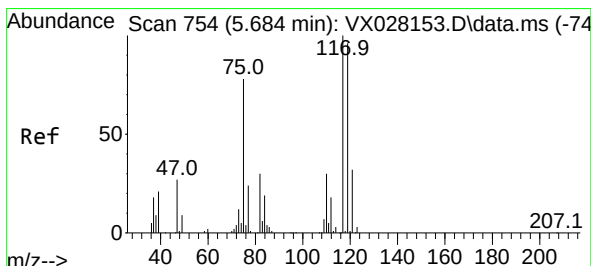
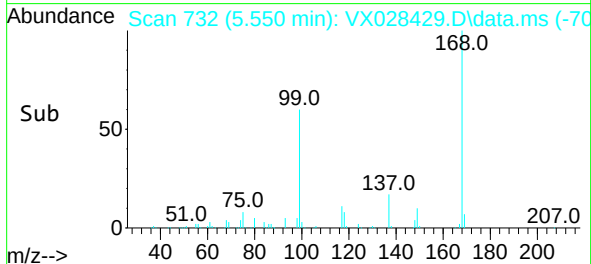
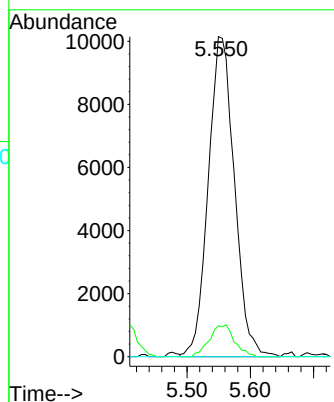
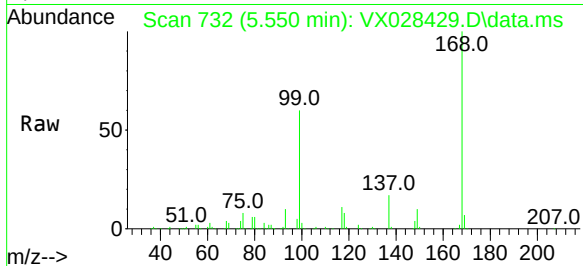




#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 5.550 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX028429.D
 Acq: 29 Apr 2022 17:23

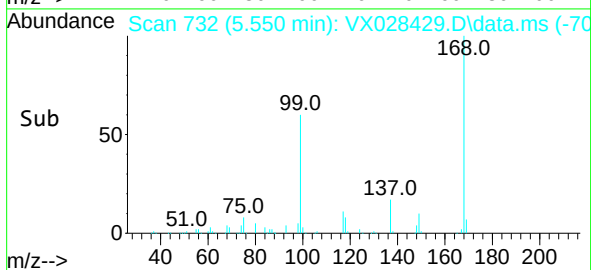
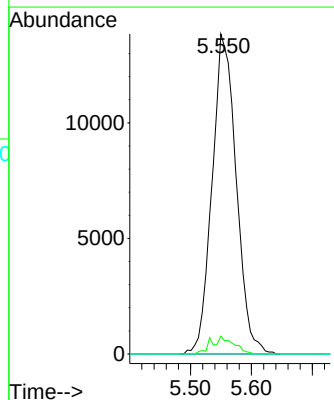
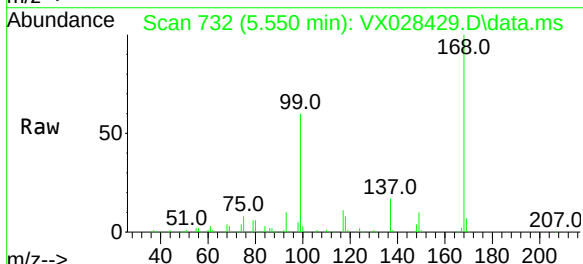
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-042922

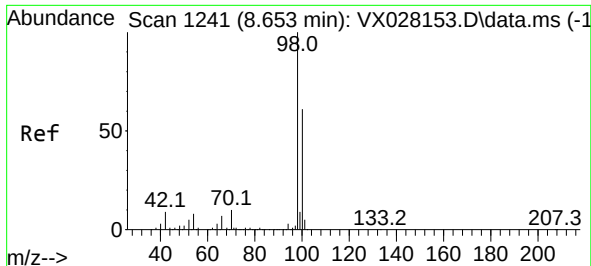
Tgt Ion: 75 Resp: 29113
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.499 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX028429.D
 Acq: 29 Apr 2022 17:23

Tgt Ion: 117 Resp: 38088
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.3 115.9#
 121 0.0 24.2 36.2#

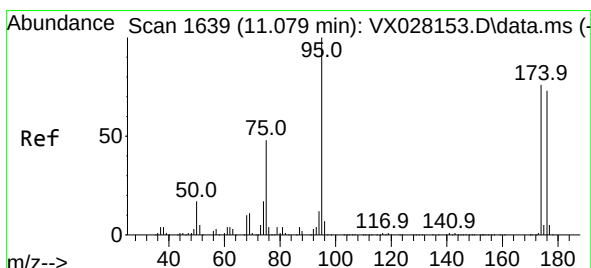
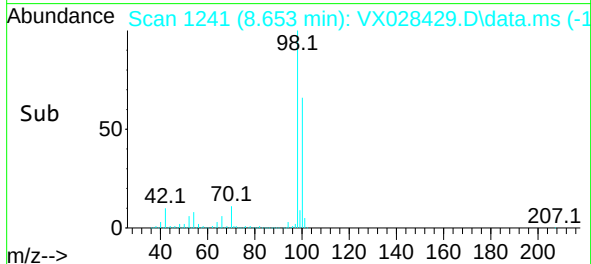
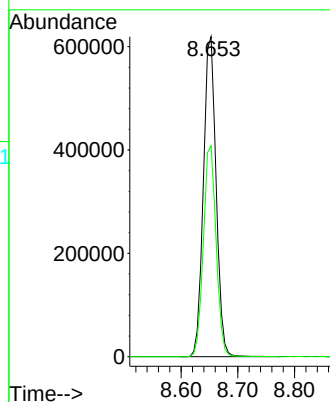
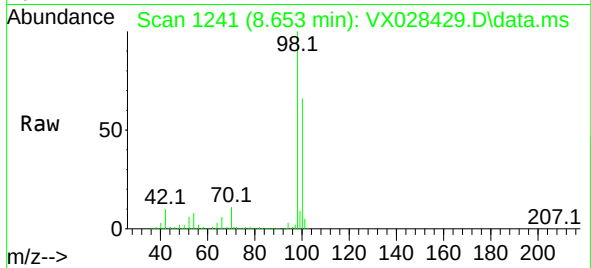




#50
Toluene-d8
Concen: 53.418 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

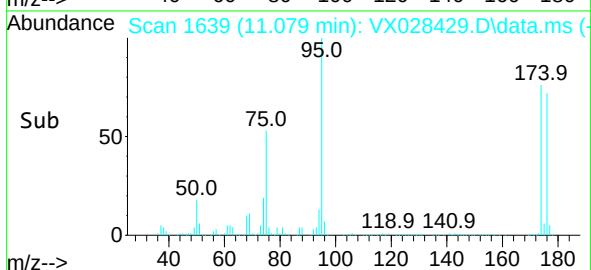
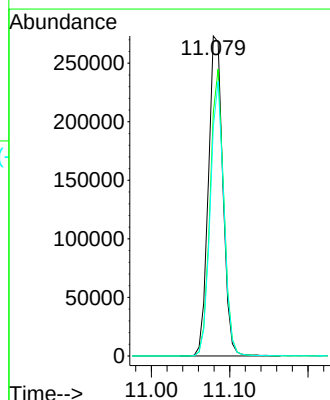
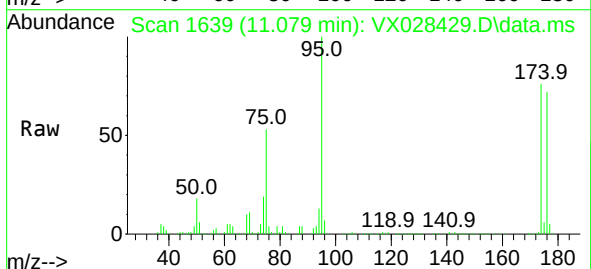
Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

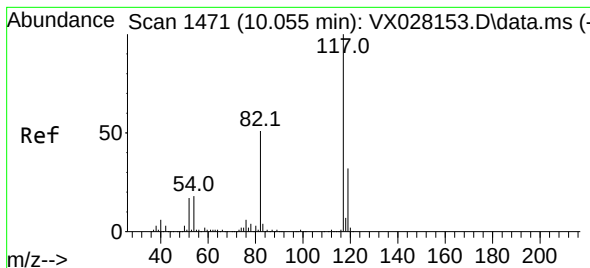
Tgt Ion: 98 Resp: 965086
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.648 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 95 Resp: 349877
Ion Ratio Lower Upper
95 100
174 84.7 0.0 163.0
176 80.9 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: VX028429.D

Acq: 29 Apr 2022 17:23

Instrument :

MSVOA_X

ClientSampleId :

FB-01-042922

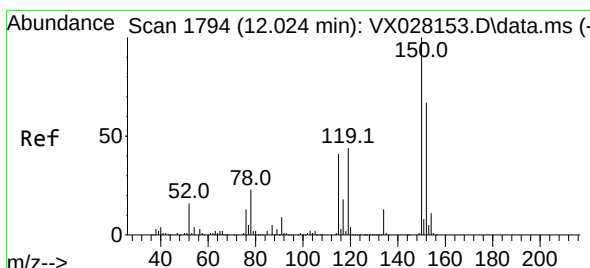
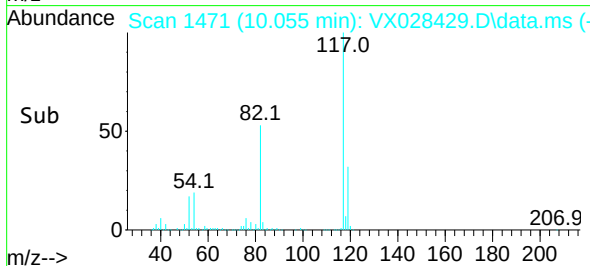
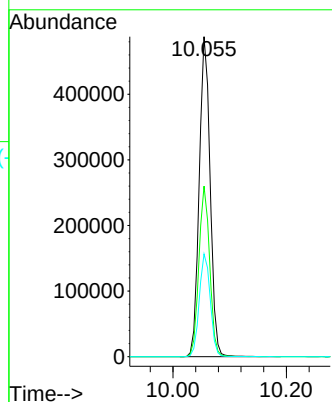
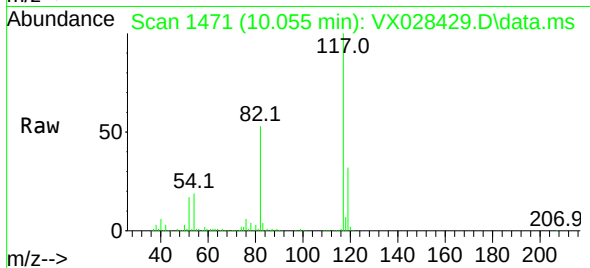
Tgt Ion:117 Resp: 650637

Ion Ratio Lower Upper

117 100

82 53.3 41.8 62.8

119 32.1 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: VX028429.D

Acq: 29 Apr 2022 17:23

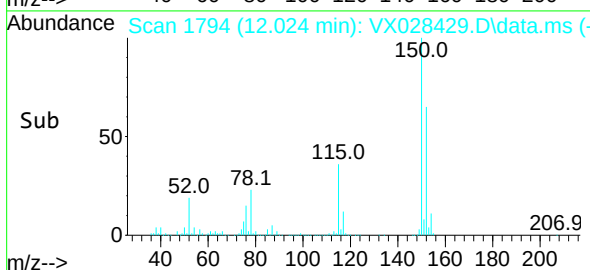
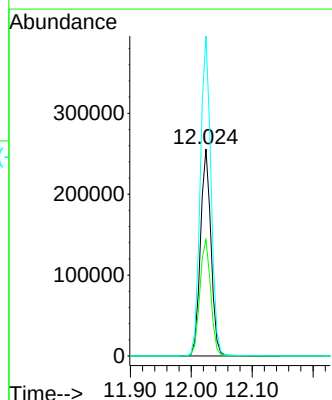
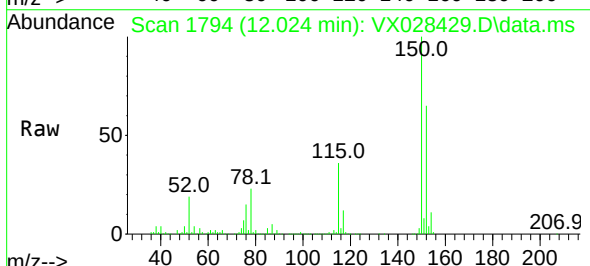
Tgt Ion:152 Resp: 306662

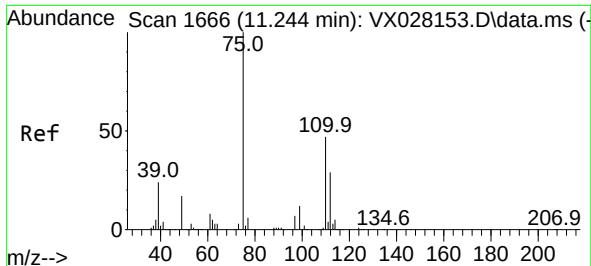
Ion Ratio Lower Upper

152 100

115 58.0 37.5 112.7

150 157.0 0.0 338.2

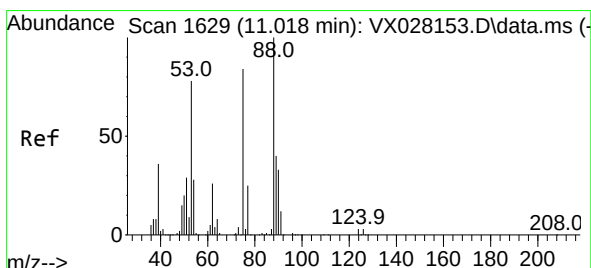
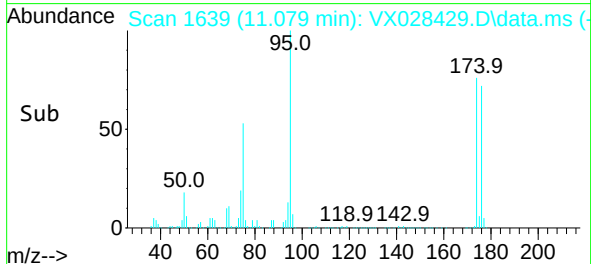
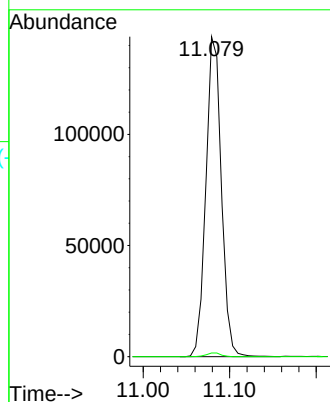
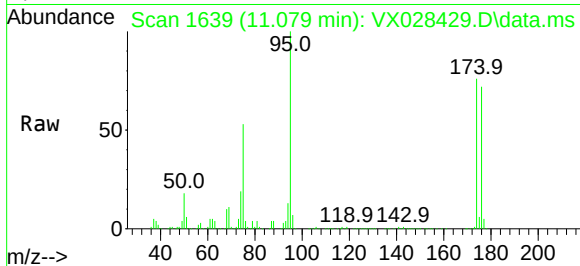




#76
1,2,3-Trichloropropane
Concen: 29.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Instrument :
MSVOA_X
ClientSampleId :
FB-01-042922

Tgt Ion: 75 Resp: 178680
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.981 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028429.D
Acq: 29 Apr 2022 17:23

Tgt Ion: 75 Resp: 178680
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

