

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029940.D
 Acq On : 06 Jul 2022 13:44
 Operator : JC/MD
 Sample : N3591-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-070522

Quant Time: Jul 07 02:35:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

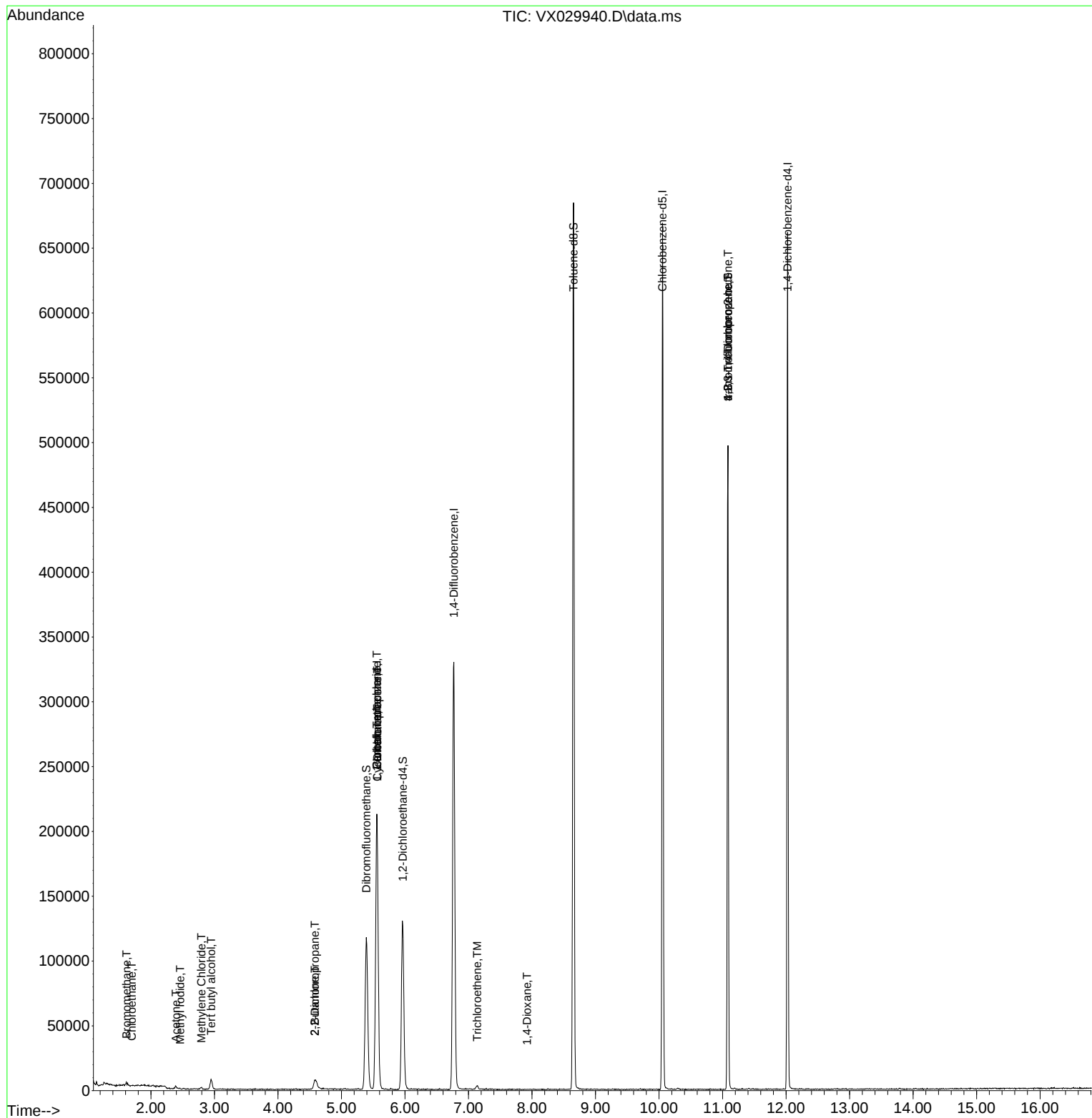
Internal Standards						
1) Pentafluorobenzene	5.556	168	210733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	360337	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	113981	42.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.460%
35) Dibromofluoromethane	5.391	113	104481	46.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	8.653	98	415141	49.141	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	11.085	95	136821	45.817	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	380	0.293	ug/l #	38
6) Chloroethane	1.697	64	182	1.140	ug/l #	41
10) Methyl Iodide	2.459	142	259	1.959	ug/l #	73
11) Tert butyl alcohol	2.946	59	4523	6.483	ug/l #	74
13) Acrolein	2.197	56	44	Below Cal	#	1
16) Acetone	2.392	43	2225	1.705	ug/l	95
20) Methylene Chloride	2.794	84	609	0.221	ug/l #	92
25) 2-Butanone	4.580	43	659	0.291	ug/l #	48
26) 2,2-Dichloropropane	4.580	77	720	0.257	ug/l #	49
31) Cyclohexane	5.562	56	4150	1.116	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	15008	5.011	ug/l #	47
38) Carbon Tetrachloride	5.556	117	19270	7.425	ug/l #	18
44) Trichloroethene	7.135	130	917	0.352	ug/l	65
49) 1,4-Dioxane	7.921	88	24	0.347	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	63015	19.836	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	63015	62.995	ug/l #	12

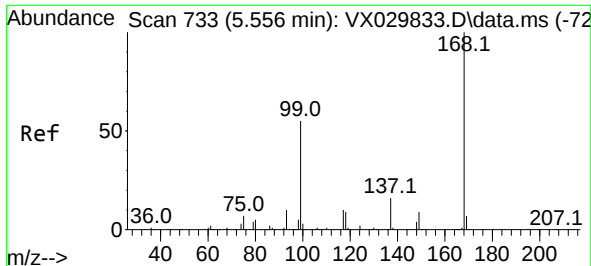
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 02:35:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

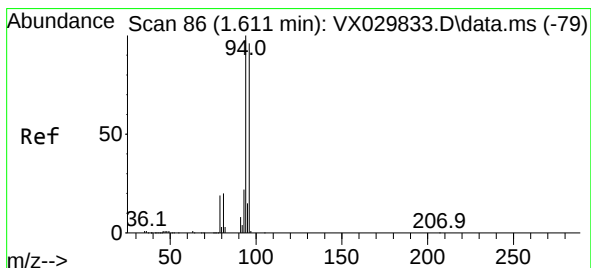
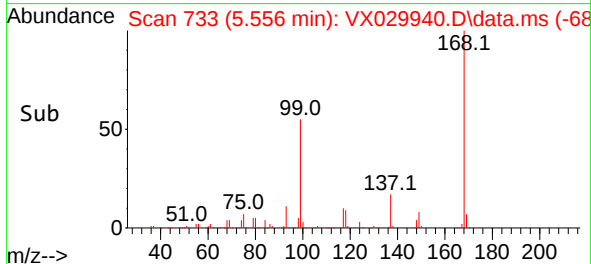
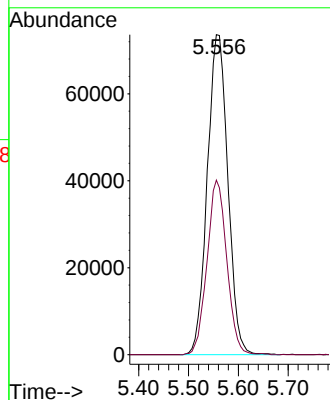
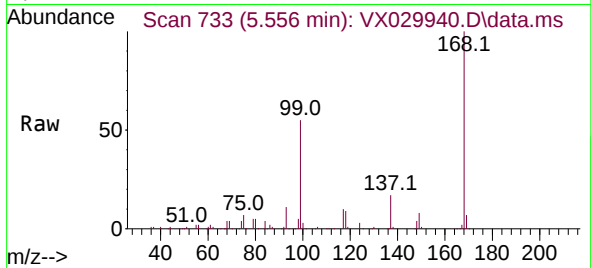




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

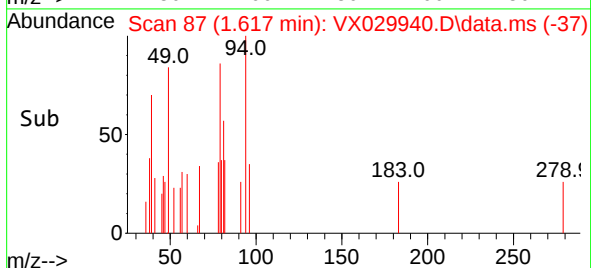
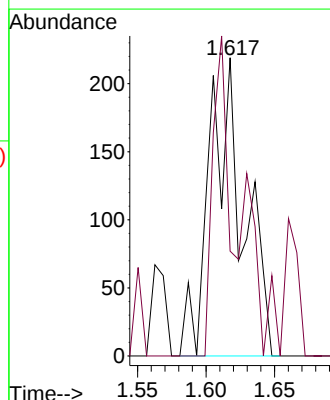
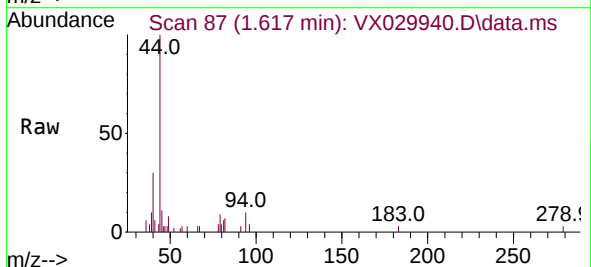
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

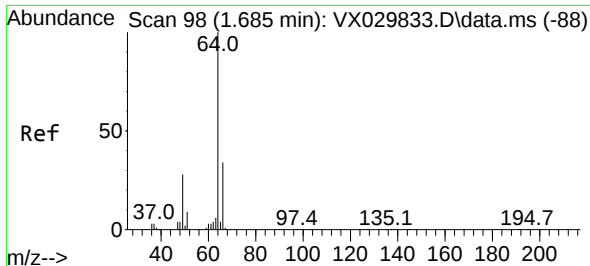
Tgt Ion:168 Resp: 210733
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#5
Bromomethane
Concen: 0.293 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 35.2 76.9 115.3#

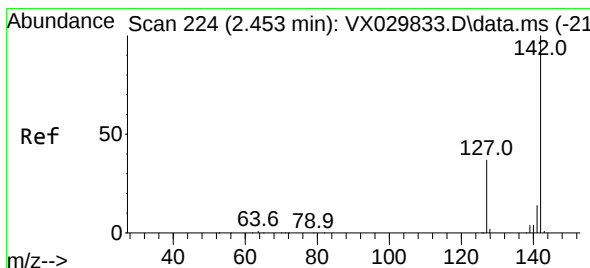
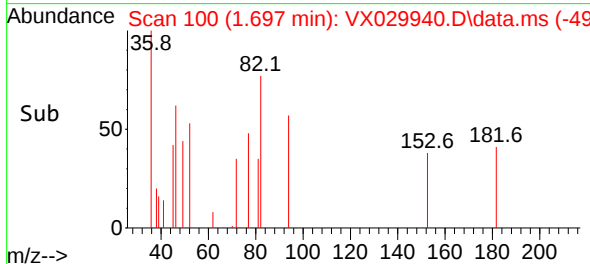
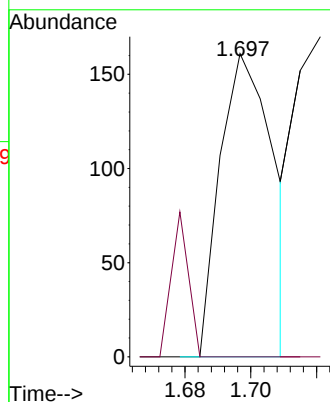
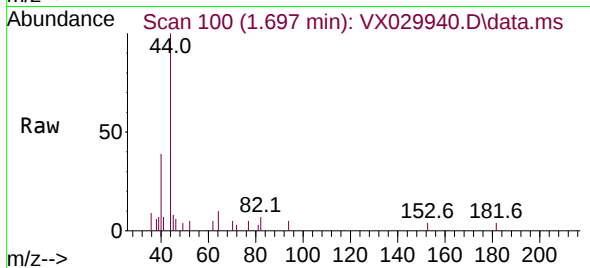




#6
Chloroethane
Concen: 1.140 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

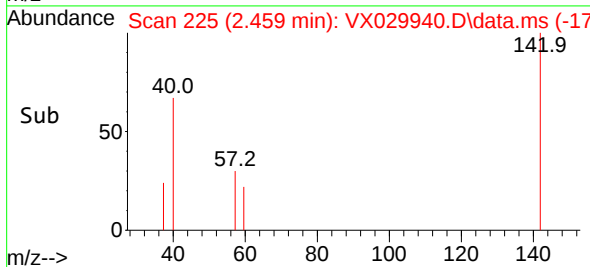
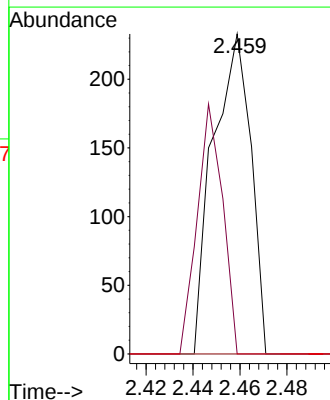
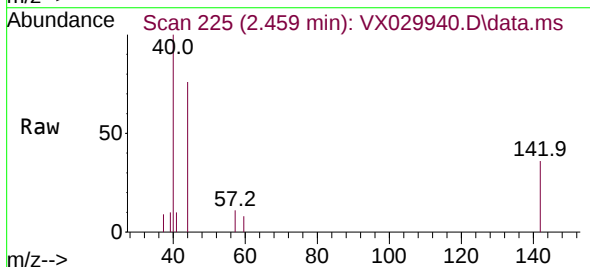
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

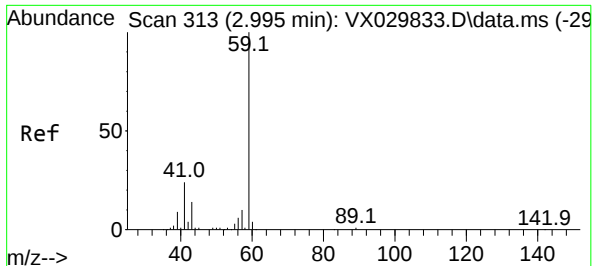
Tgt Ion: 64 Resp: 182
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 1.959 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 142 Resp: 259
Ion Ratio Lower Upper
142 100
127 52.5 30.2 45.2#
141 0.0 11.3 16.9#

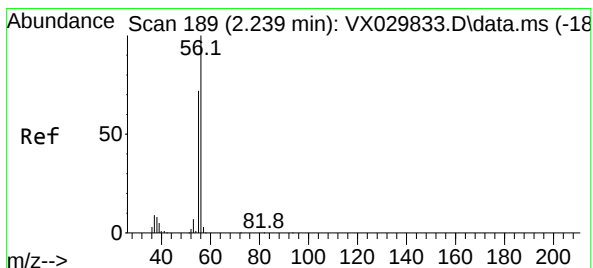
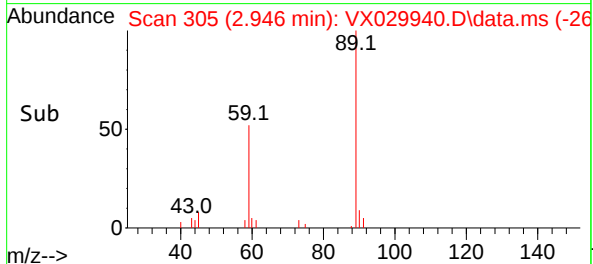
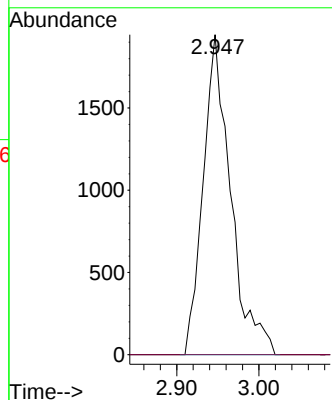
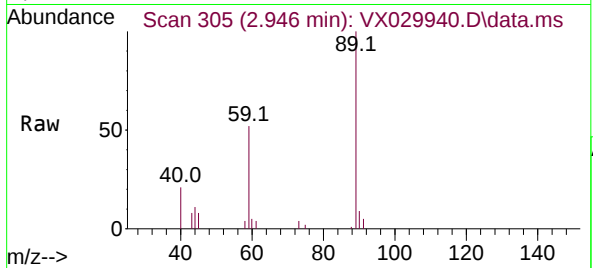




#11
Tert butyl alcohol
Concen: 6.483 ug/l
RT: 2.946 min Scan# 30
Delta R.T. -0.049 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

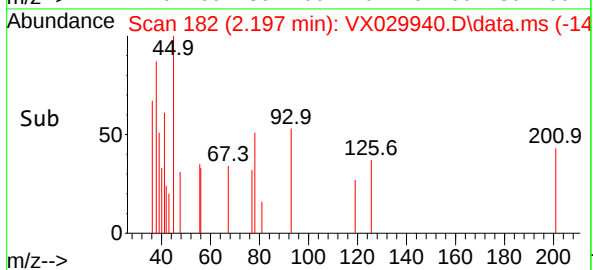
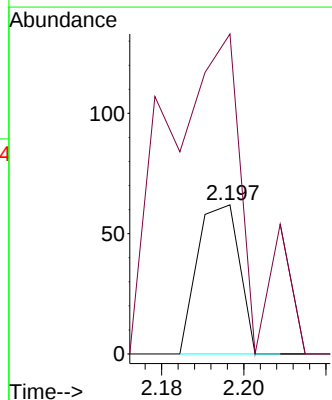
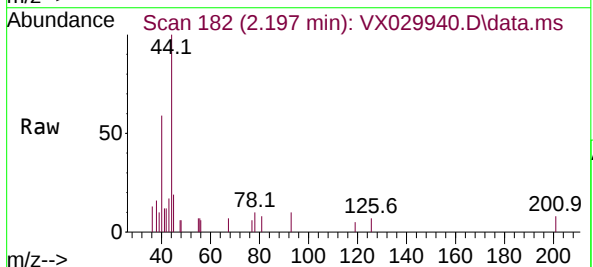
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

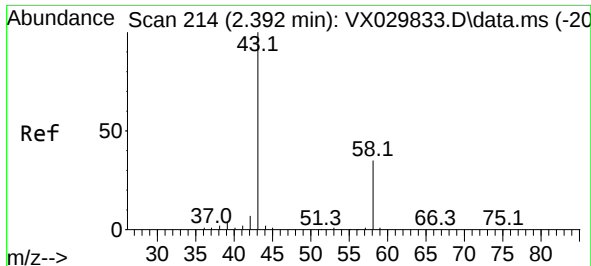
Tgt Ion: 59 Resp: 4523
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 2.197 min Scan# 182
Delta R.T. -0.042 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 411.4 56.6 84.8#

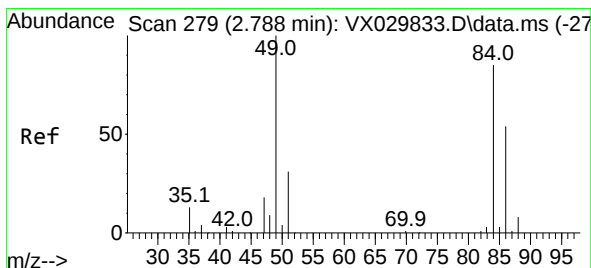
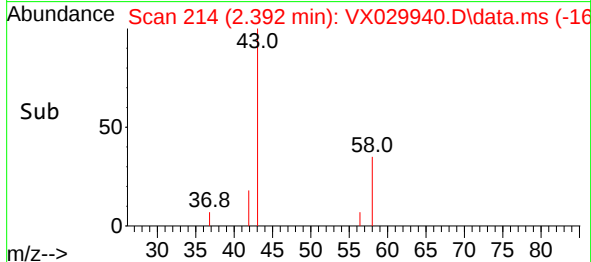
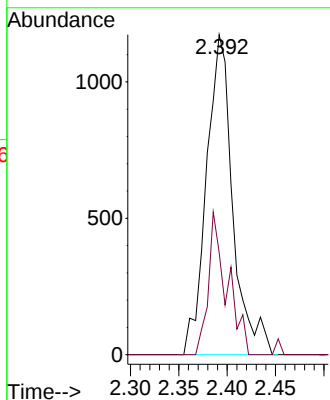
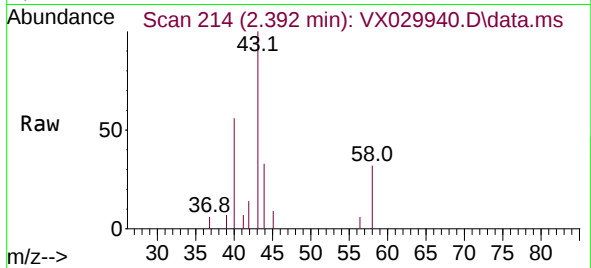




#16
Acetone
Concen: 1.705 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

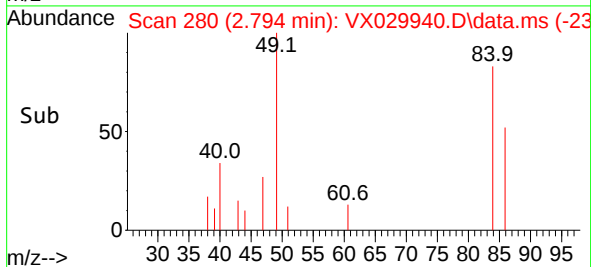
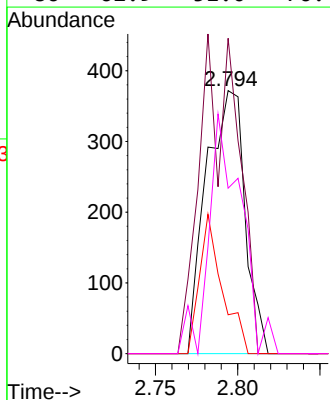
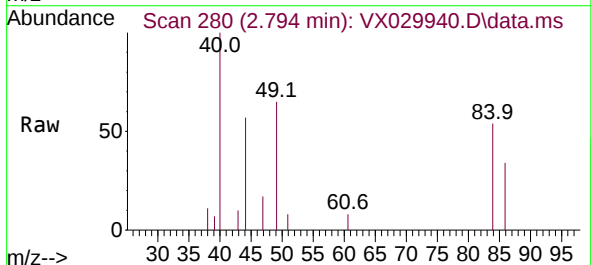
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

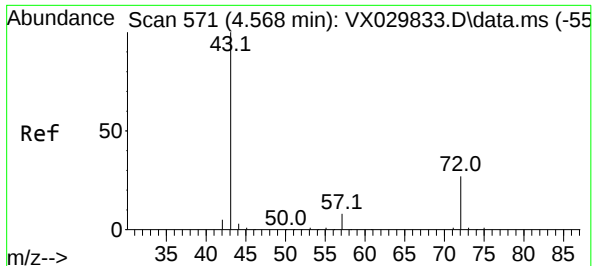
Tgt Ion: 43 Resp: 2225
Ion Ratio Lower Upper
43 100
58 32.0 27.7 41.5



#20
Methylene Chloride
Concen: 0.221 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 84 Resp: 609
Ion Ratio Lower Upper
84 100
49 119.9 93.8 140.6
51 14.8 29.4 44.0#
86 62.9 51.0 76.4

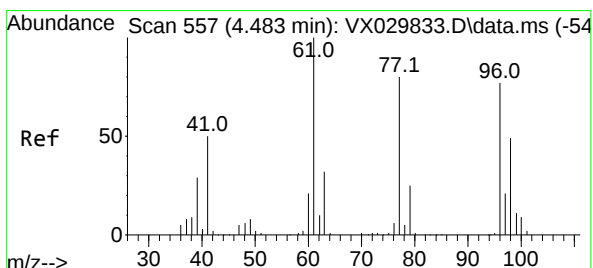
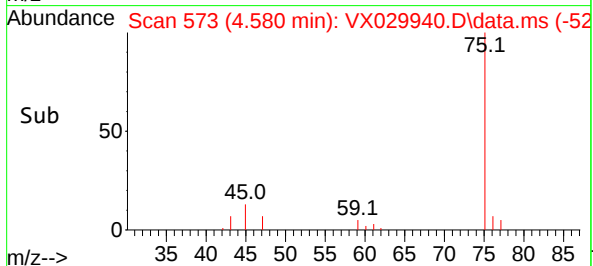
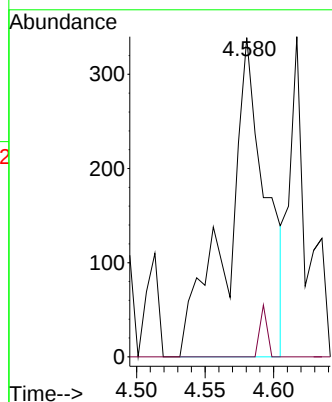
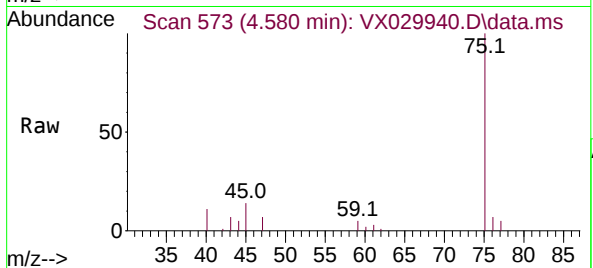




#25
2-Butanone
Concen: 0.291 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

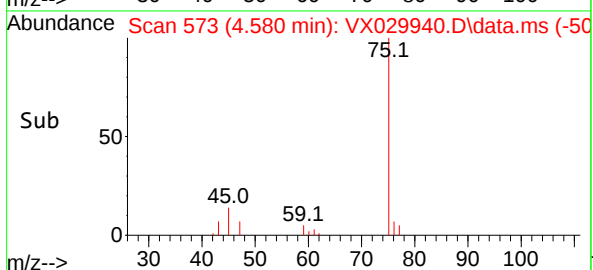
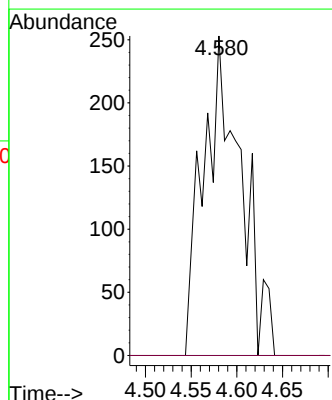
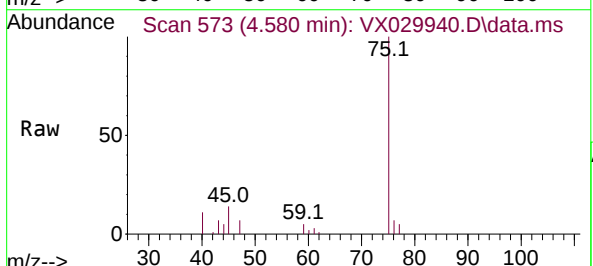
Instrument :
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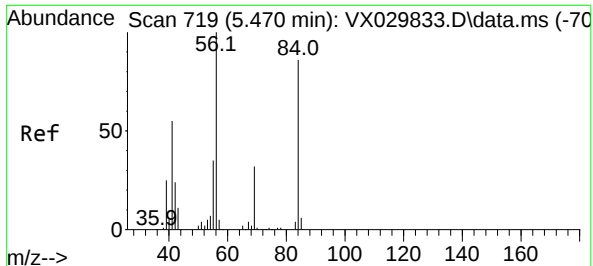
Tgt Ion: 43 Resp: 659
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.257 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.098 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

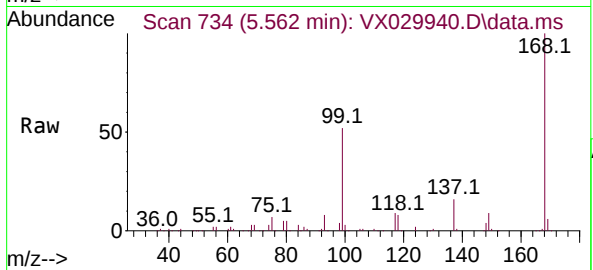
Tgt Ion: 77 Resp: 720
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#



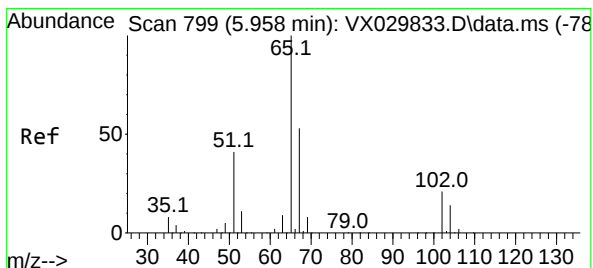
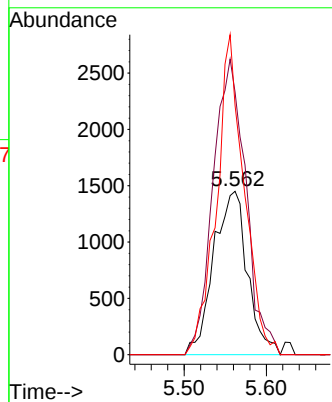
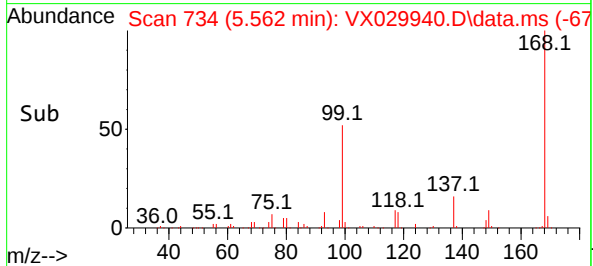


#31
Cyclohexane
Concen: 1.116 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

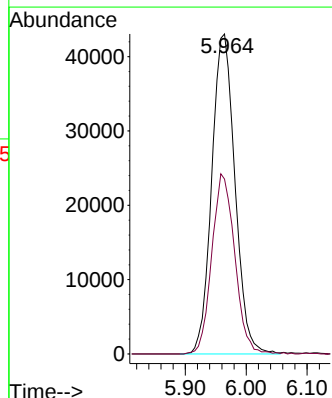
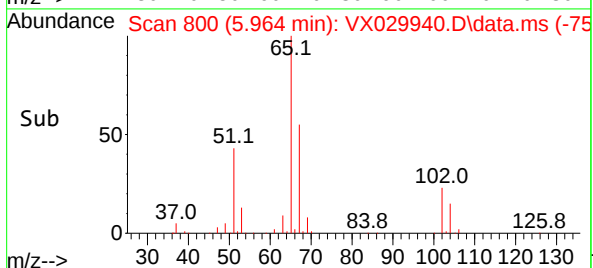
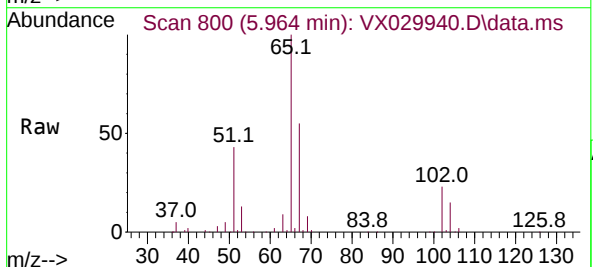


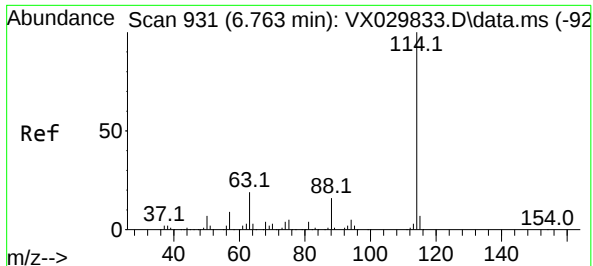
Tgt Ion: 56 Resp: 4150
Ion Ratio Lower Upper
56 100
69 160.5 25.4 38.0#
84 152.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 42.729 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 65 Resp: 113981
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6

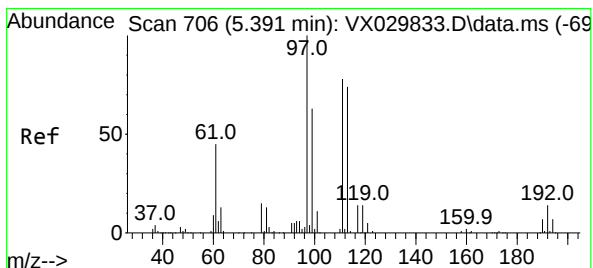
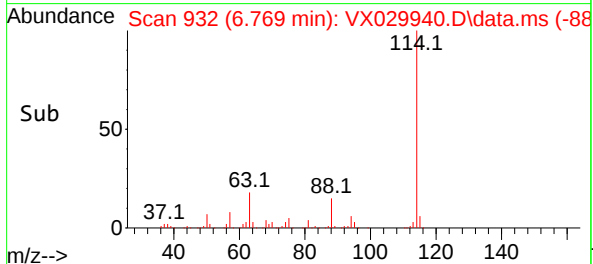
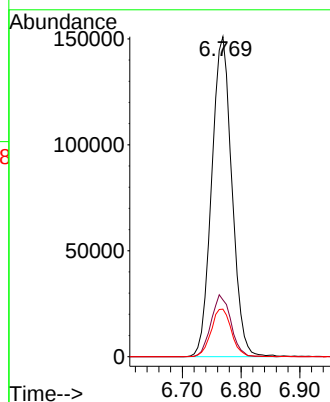
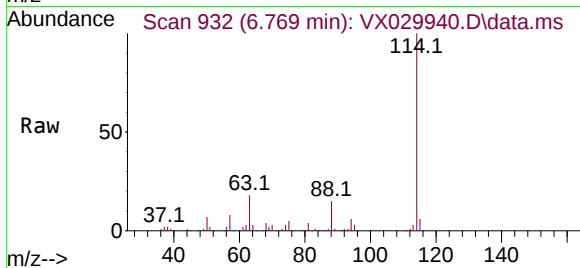




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

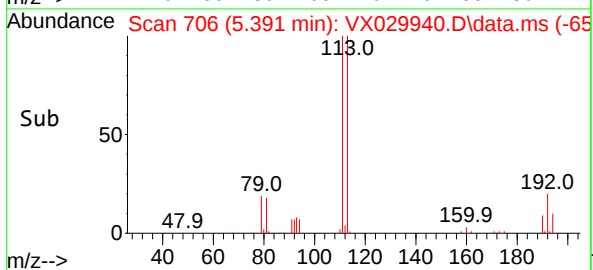
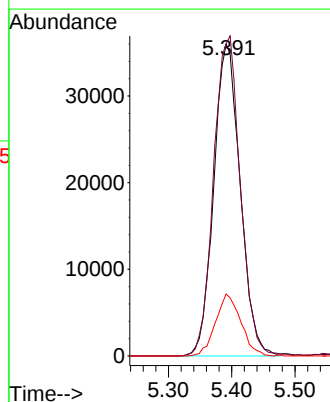
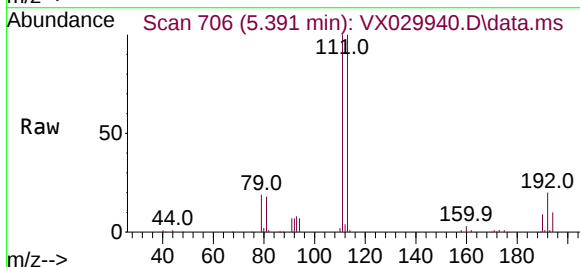
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

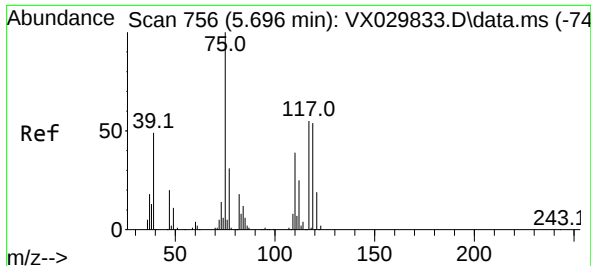
Tgt Ion:114 Resp: 360337
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.4
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.396 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion:113 Resp: 104481
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.9 14.8 22.2

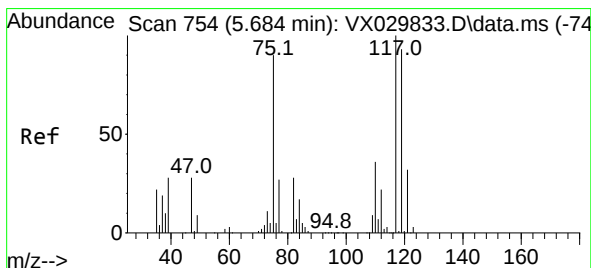
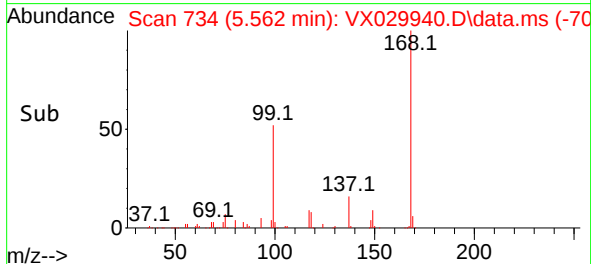
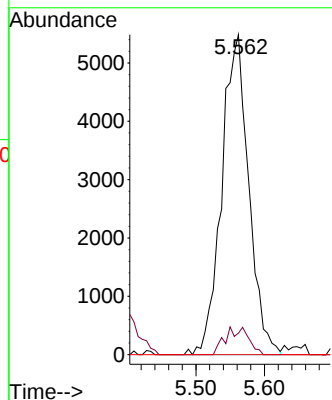
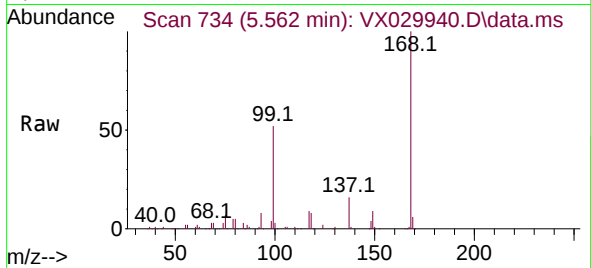




#36
1,1-Dichloropropene
Concen: 5.011 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

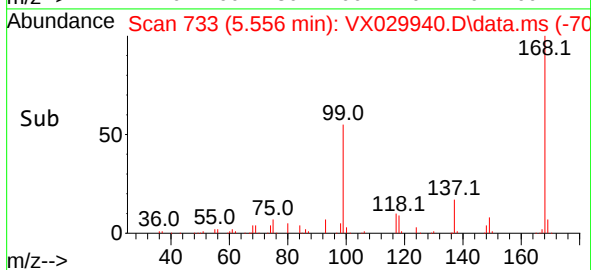
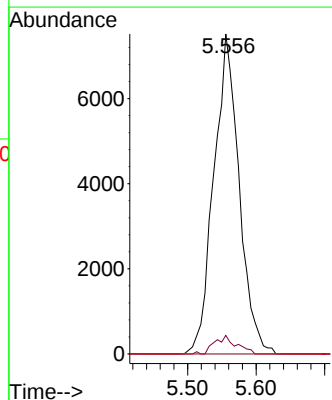
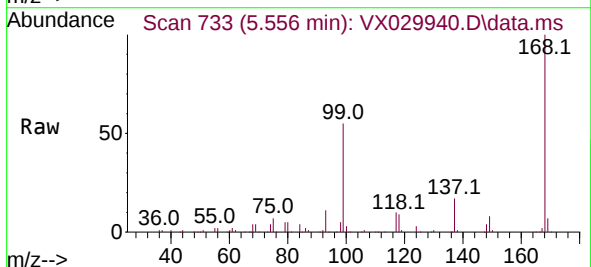
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

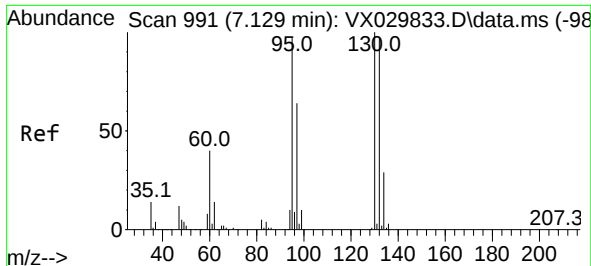
Tgt Ion: 75 Resp: 15008
Ion Ratio Lower Upper
75 100
110 7.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.425 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 117 Resp: 19270
Ion Ratio Lower Upper
117 100
119 5.8 74.1 111.1#
121 0.0 25.8 38.8#

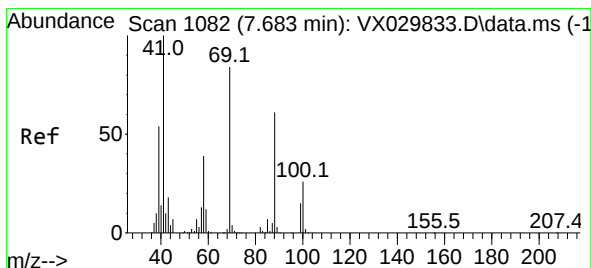
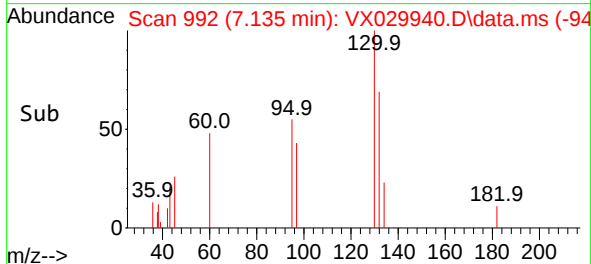
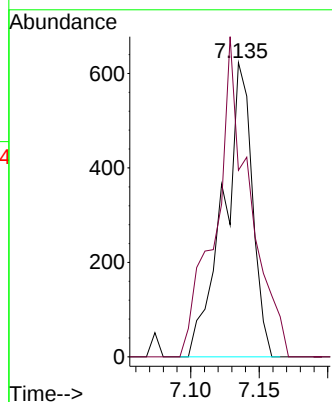
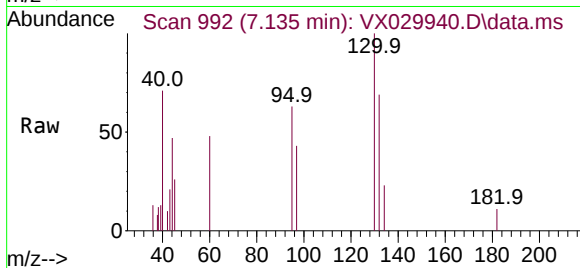




#44
Trichloroethene
Concen: 0.352 ug/l
RT: 7.135 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

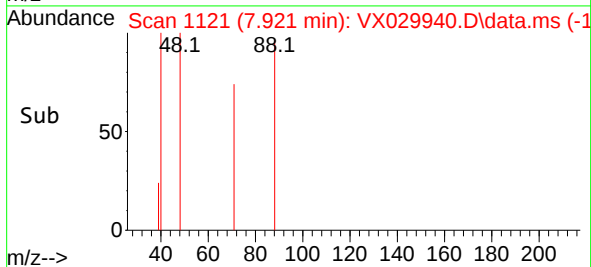
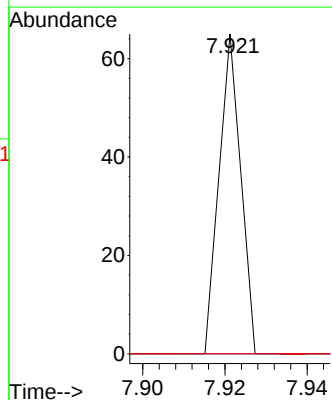
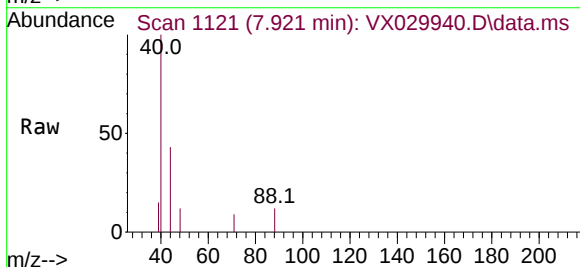
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

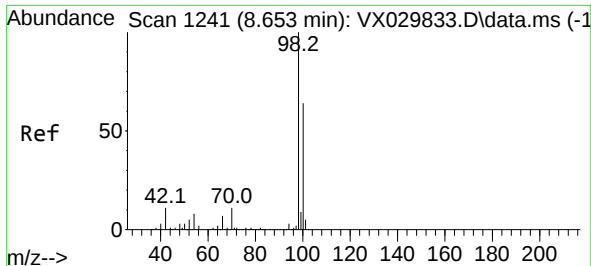
Tgt Ion:130 Resp: 917
Ion Ratio Lower Upper
130 100
95 63.4 0.0 194.8



#49
1,4-Dioxane
Concen: 0.347 ug/l
RT: 7.921 min Scan# 1121
Delta R.T. 0.238 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

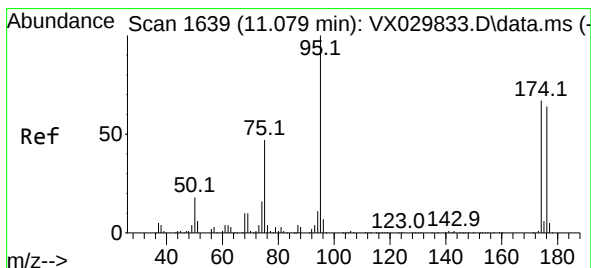
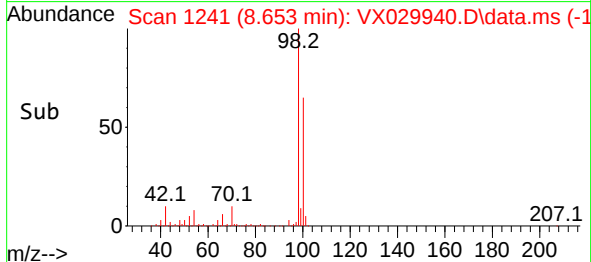
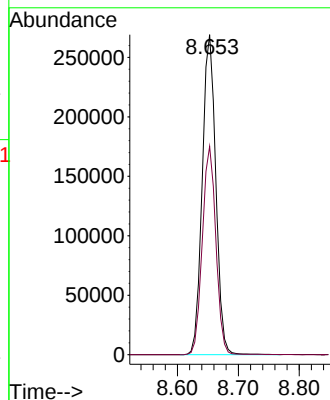
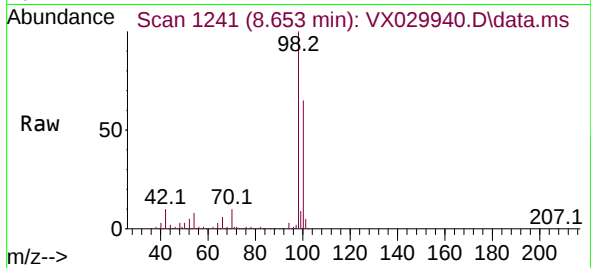




#50
Toluene-d8
Concen: 49.141 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

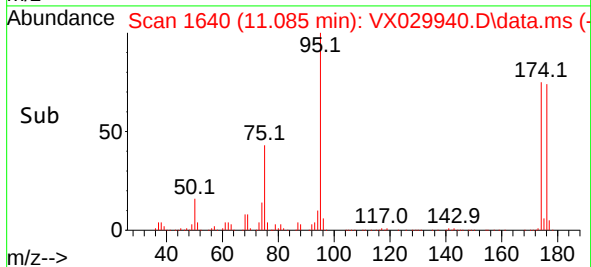
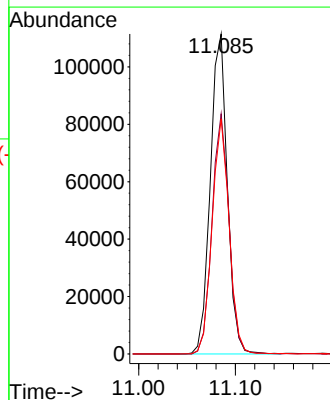
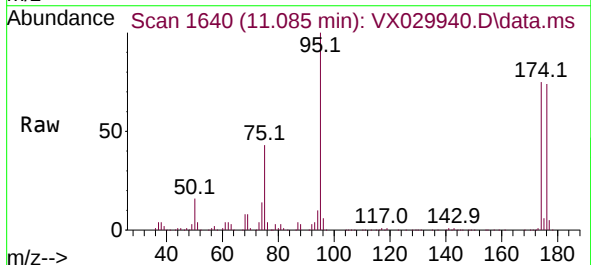
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

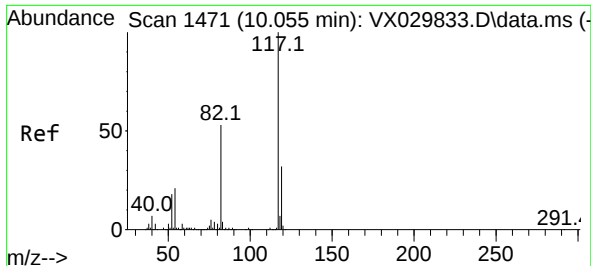
Tgt Ion: 98 Resp: 415141
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.817 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion: 95 Resp: 136821
Ion Ratio Lower Upper
95 100
174 74.6 0.0 149.0
176 73.3 0.0 146.0

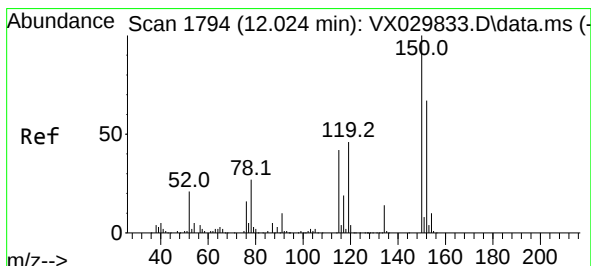
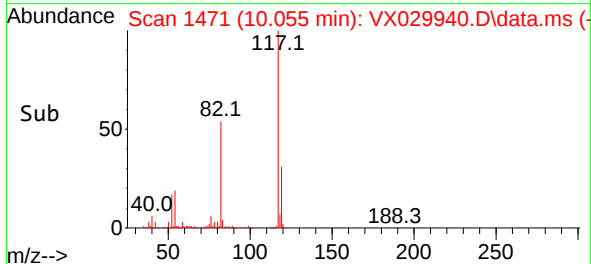
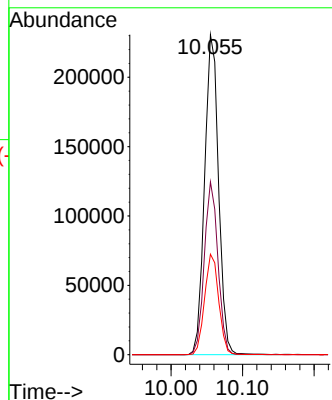
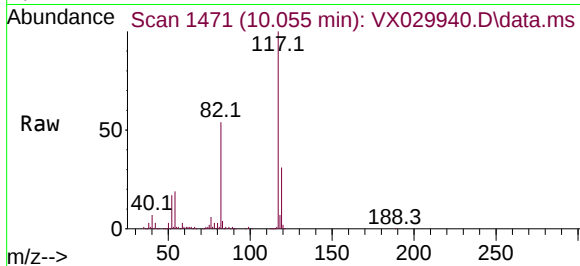




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

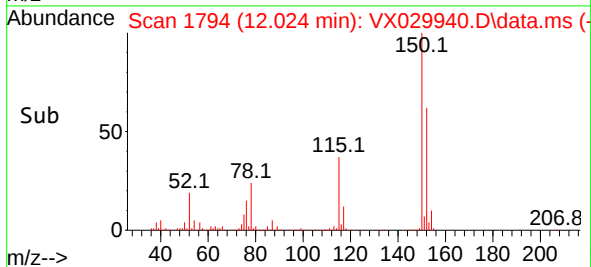
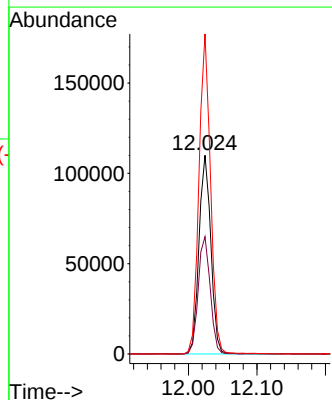
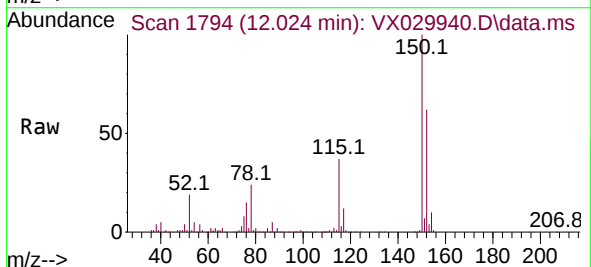
Instrument :
MSVOA_X
ClientSampleId :
FB-01-070522

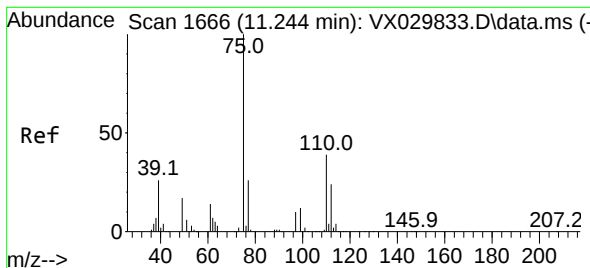
Tgt Ion:117 Resp: 313134
Ion Ratio Lower Upper
117 100
82 54.0 42.7 64.1
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029940.D
Acq: 06 Jul 2022 13:44

Tgt Ion:152 Resp: 132704
Ion Ratio Lower Upper
152 100
115 59.8 40.5 121.5
150 157.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 19.836 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX029940.D

Acq: 06 Jul 2022 13:44

Instrument :

MSVOA_X

ClientSampleId :

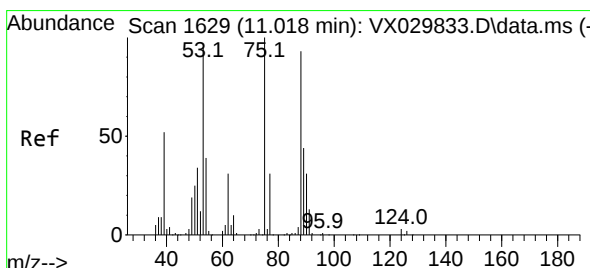
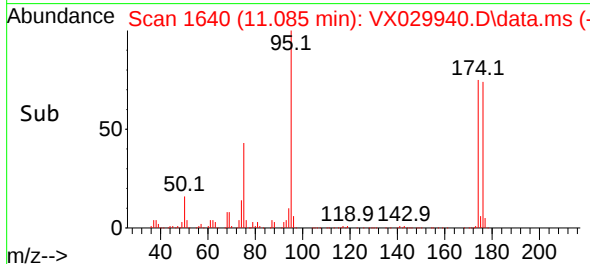
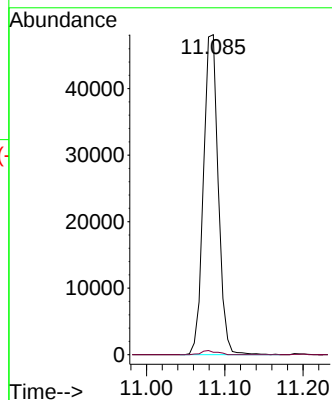
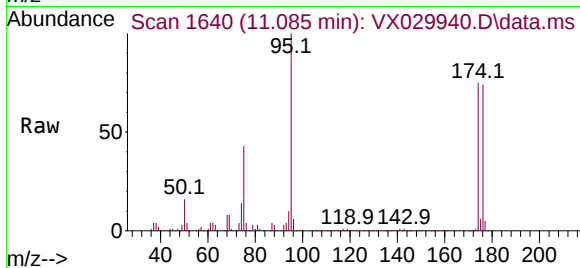
FB-01-070522

Tgt Ion: 75 Resp: 63015

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.995 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX029940.D

Acq: 06 Jul 2022 13:44

Tgt Ion: 75 Resp: 63015

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

