

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020949.D
 Acq On : 01 Mar 2021 21:05
 Operator : JC/MD
 Sample : M1535-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-022721

Quant Time: Mar 02 00:33:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

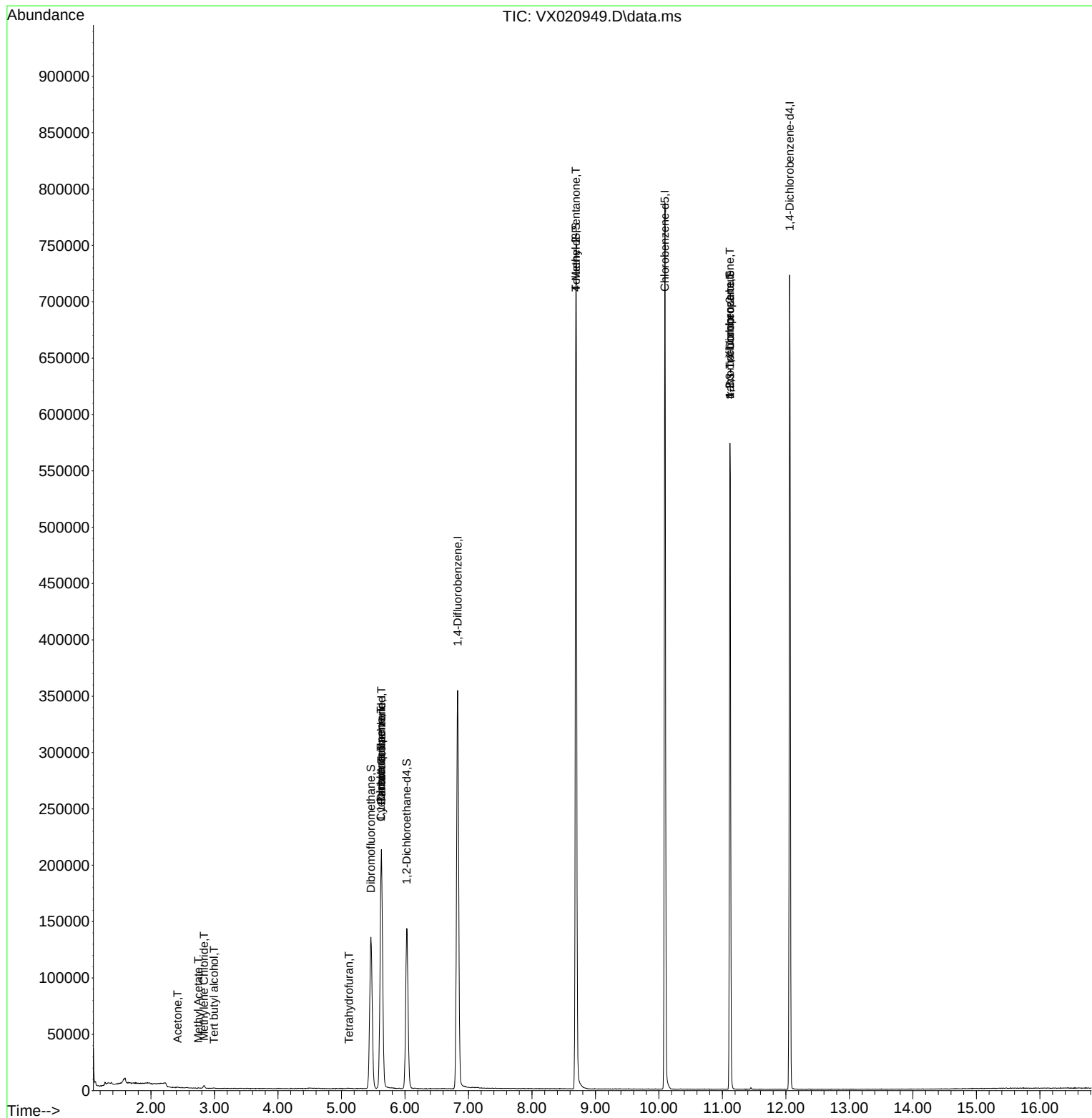
Internal Standards						
1) Pentafluorobenzene	5.629	168	204593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	373468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	360407	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	157730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	133971	48.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.96%		
35) Dibromofluoromethane	5.464	113	118300	52.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.26%		
50) Toluene-d8	8.694	98	456269	51.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.14%		
62) 4-Bromofluorobenzene	11.118	95	167085	51.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.14%		
Target Compounds						Qvalue
5) Bromomethane	1.640	94	349	Below Cal		97
11) Tert butyl alcohol	2.993	59	199	0.32 ug/l #		73
16) Acetone	2.417	43	700	0.61 ug/l #		79
18) Methyl Acetate	2.746	43	720	0.27 ug/l #		52
20) Methylene Chloride	2.835	84	1167	0.43 ug/l #		93
29) Tetrahydrofuran	5.117	42	382	0.34 ug/l #		27
31) Cyclohexane	5.623	56	3864	0.97 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	15844	4.46 ug/l #		48
38) Carbon Tetrachloride	5.629	117	18955	5.51 ug/l #		16
51) 4-Methyl-2-Pentanone	8.694	43	1645	0.49 ug/l #		1
76) 1,2,3-Trichloropropane	11.118	75	79077	23.30 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	79077	51.60 ug/l #		12

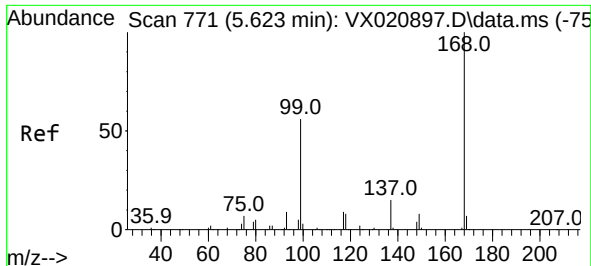
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
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FB-01-022721

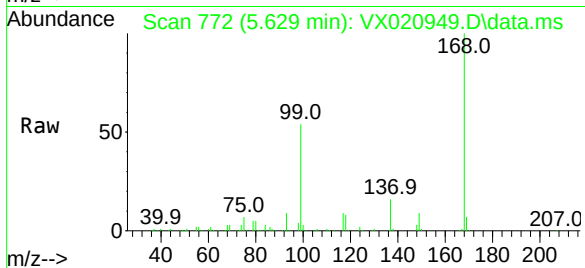
Quant Time: Mar 02 00:33:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration



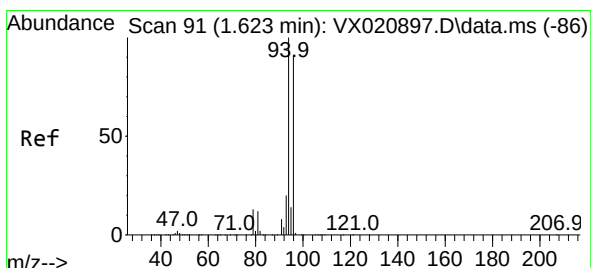
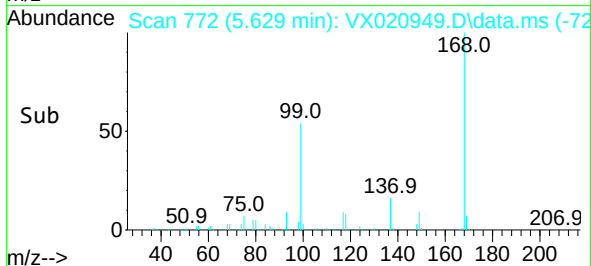
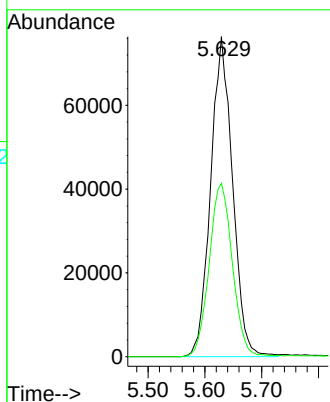


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01-022721

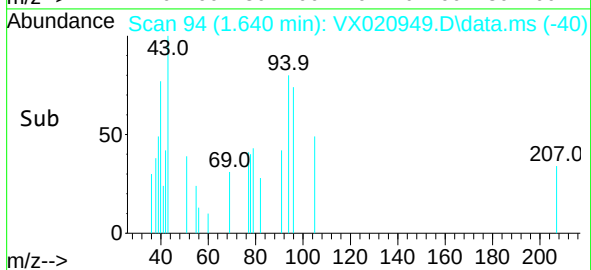
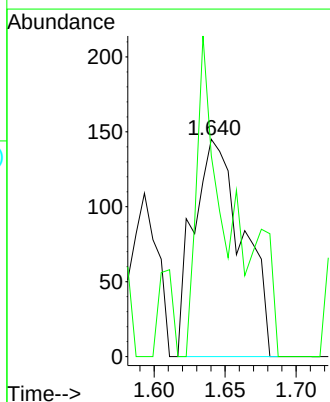
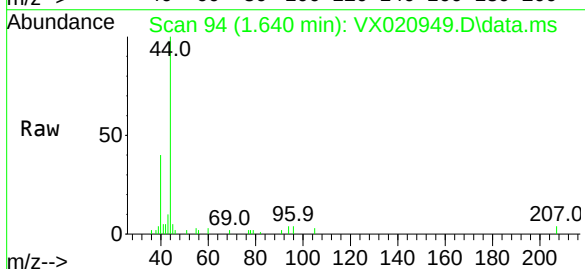


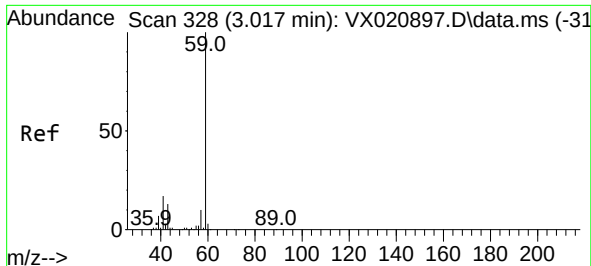
Tgt Ion:168 Resp: 204593
Ion Ratio Lower Upper
168 100
99 54.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 92.4 76.4 114.6





#11

Tert butyl alcohol

Concen: 0.32 ug/l

RT: 2.993 min Scan# 324

Delta R.T. -0.024 min

Lab File: VX020949.D

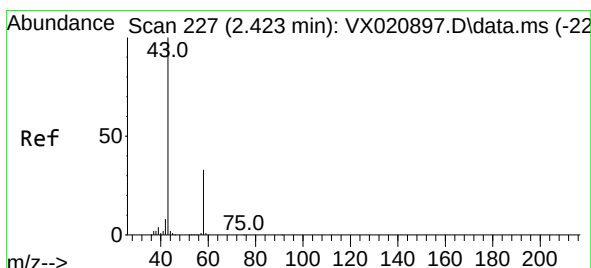
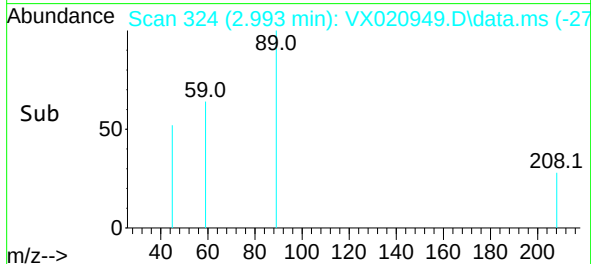
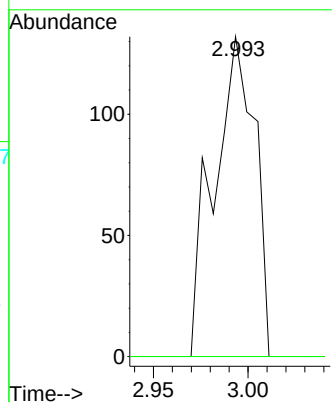
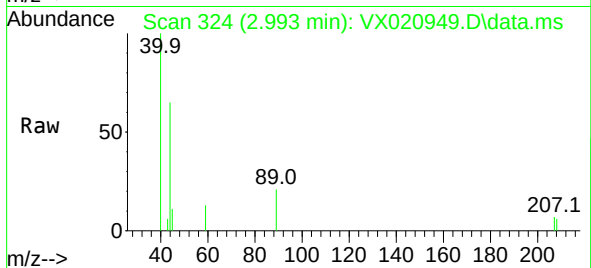
Acq: 01 Mar 2021 21:05

Tgt Ion: 59 Resp: 199

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.61 ug/l

RT: 2.417 min Scan# 226

Delta R.T. -0.006 min

Lab File: VX020949.D

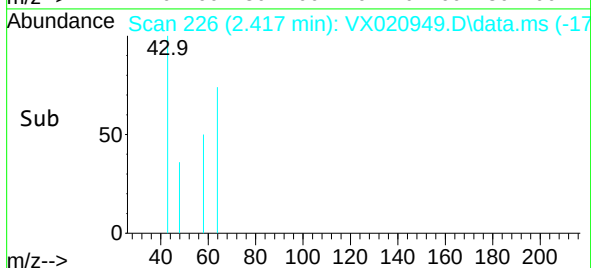
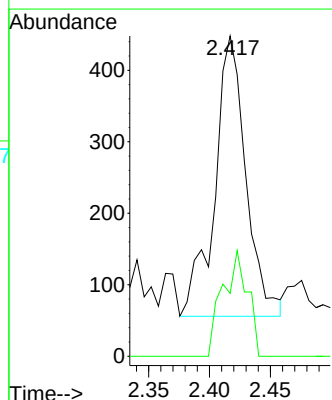
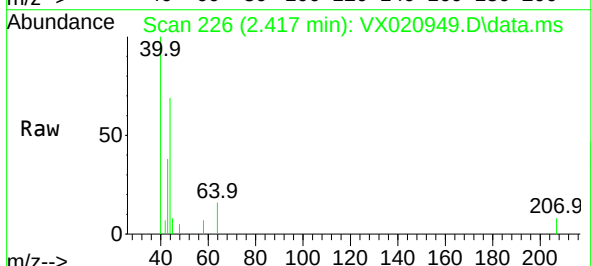
Acq: 01 Mar 2021 21:05

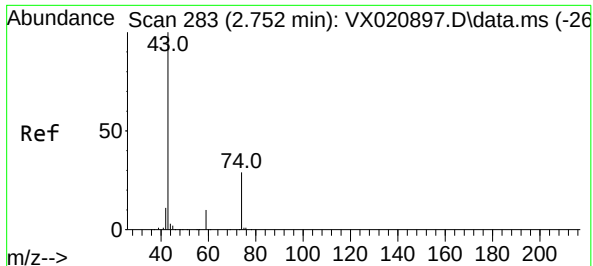
Tgt Ion: 43 Resp: 700

Ion Ratio Lower Upper

43 100

58 22.4 27.8 41.8#





#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 2.746 min Scan# 282

Delta R.T. -0.006 min

Lab File: VX020949.D

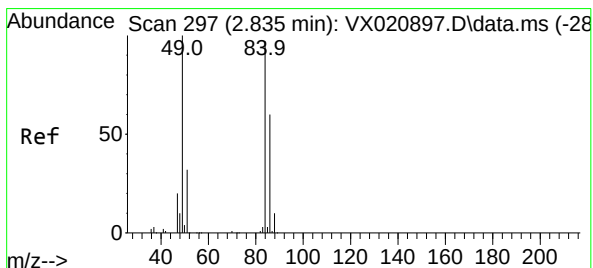
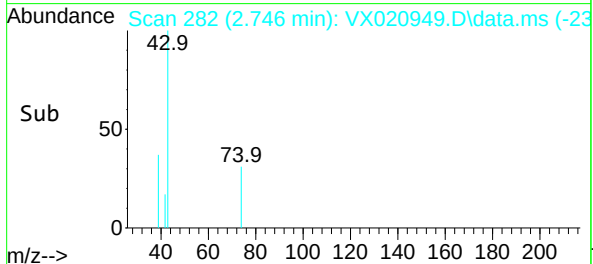
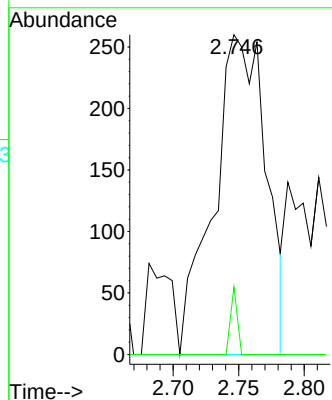
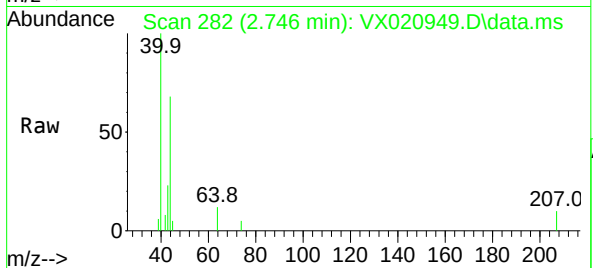
Acq: 01 Mar 2021 21:05

Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

43 100

74 2.6 21.9 32.9#



#20

Methylene Chloride

Concen: 0.43 ug/l

RT: 2.835 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX020949.D

Acq: 01 Mar 2021 21:05

Tgt Ion: 84 Resp: 1167

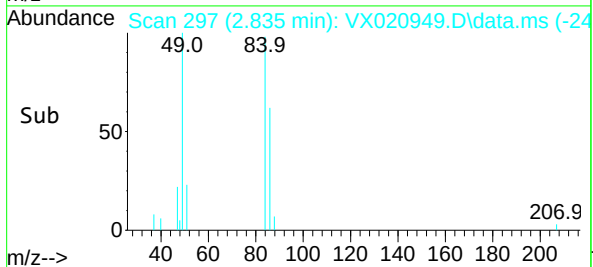
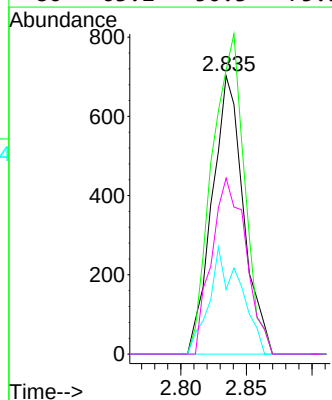
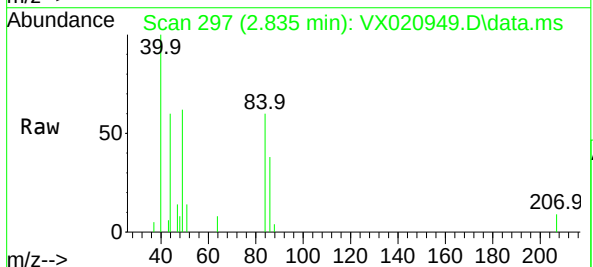
Ion Ratio Lower Upper

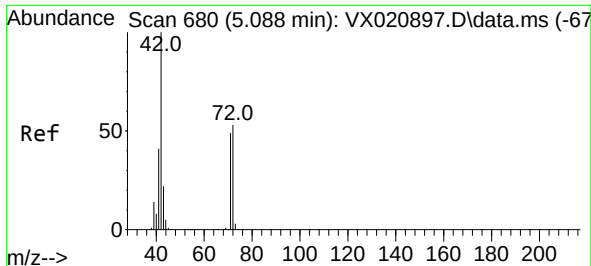
84 100

49 102.1 88.6 132.8

51 23.2 27.0 40.6#

86 63.2 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.34 ug/l

RT: 5.117 min Scan# 685

Delta R.T. 0.029 min

Lab File: VX020949.D

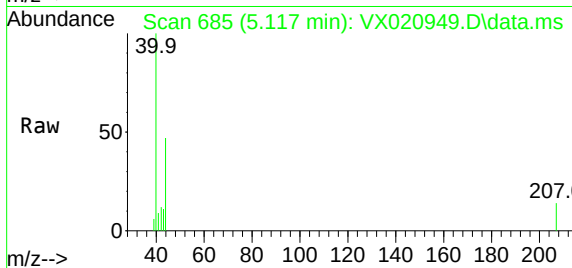
Acq: 01 Mar 2021 21:05

Instrument :

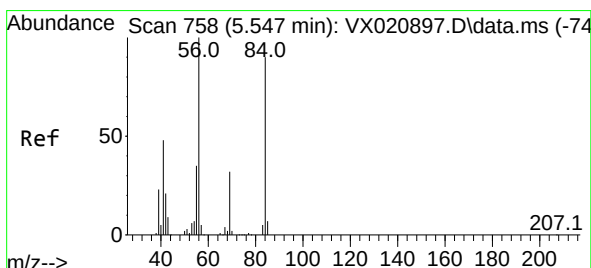
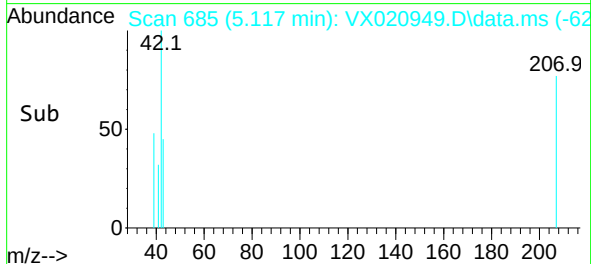
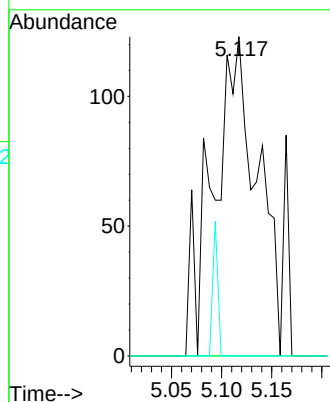
MSVOA_X

ClientSampleId :

FB-01-022721



Tgt Ion: 42	Resp: 382
Ion Ratio	Lower Upper
42	100
72	0.0 41.7 62.5#
71	0.0 38.4 57.6#



#31

Cyclohexane

Concen: 0.97 ug/l

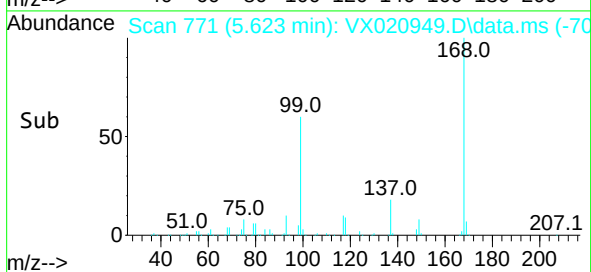
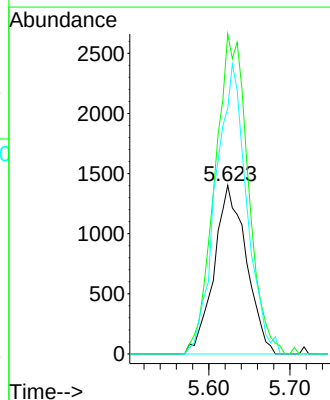
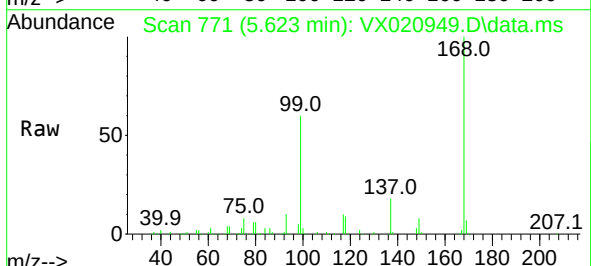
RT: 5.623 min Scan# 771

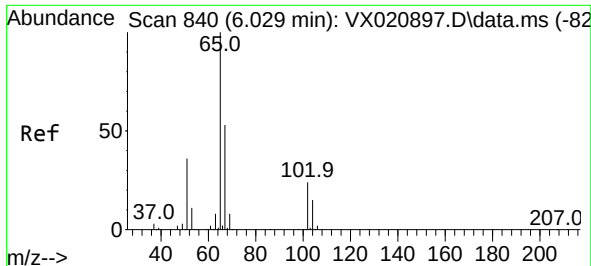
Delta R.T. 0.077 min

Lab File: VX020949.D

Acq: 01 Mar 2021 21:05

Tgt Ion: 56	Resp: 3864
Ion Ratio	Lower Upper
56	100
69	189.8 25.3 37.9#
84	145.6 71.4 107.0#

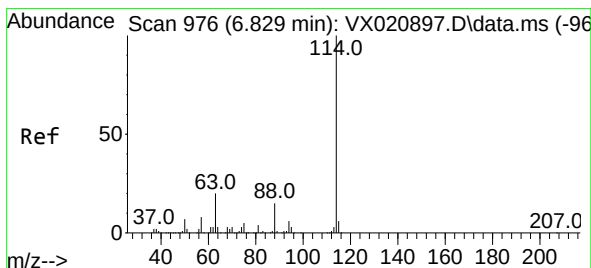
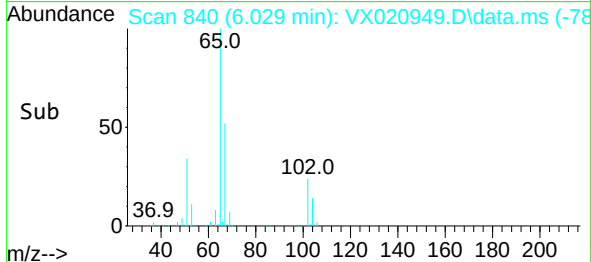
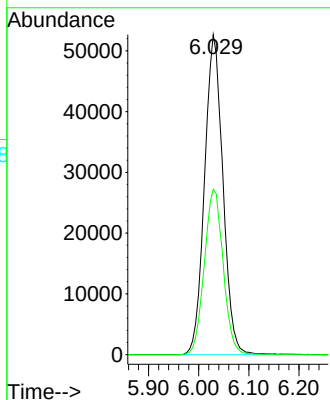
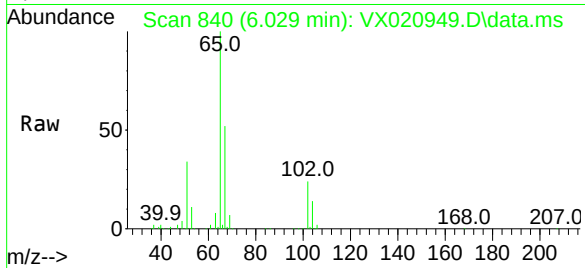




#33
 1,2-Dichloroethane-d4
 Concen: 48.48 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. 0.000 min
 Lab File: VX020949.D
 Acq: 01 Mar 2021 21:05

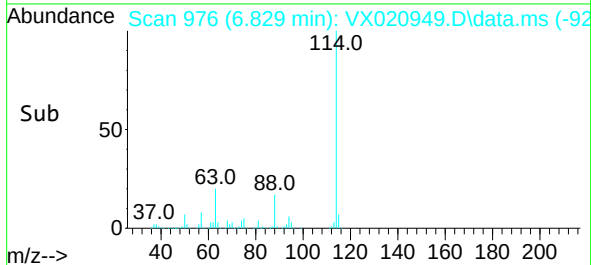
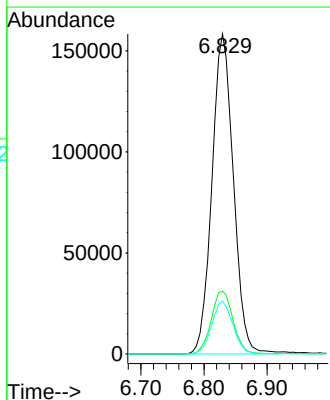
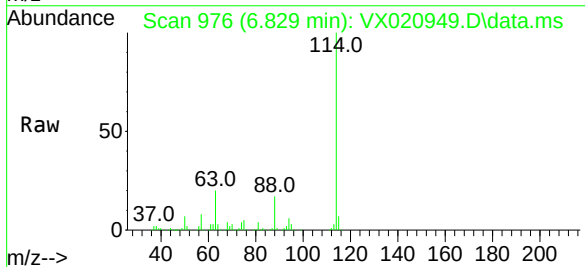
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-022721

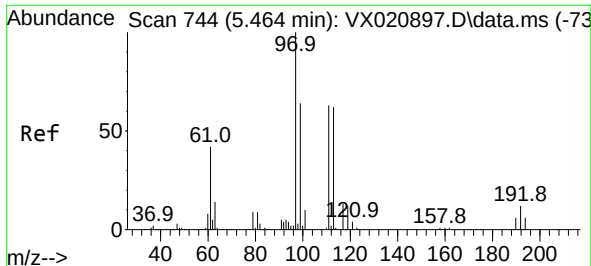
Tgt Ion: 65 Resp: 133971
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. 0.000 min
 Lab File: VX020949.D
 Acq: 01 Mar 2021 21:05

Tgt Ion: 114 Resp: 373468
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 16.6 0.0 32.8

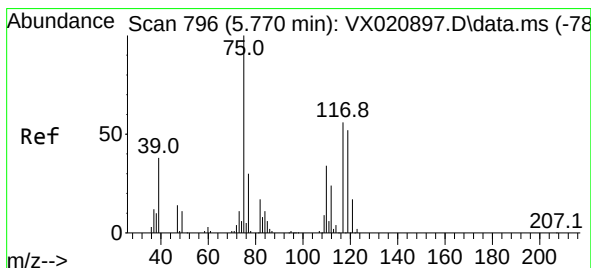
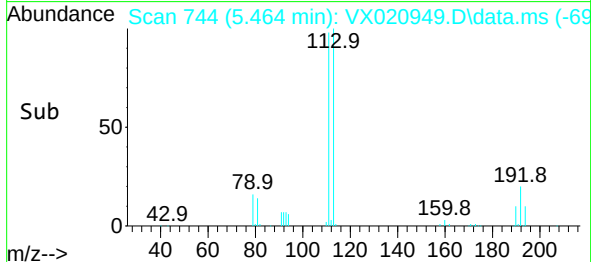
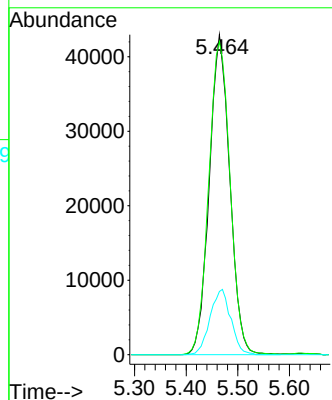
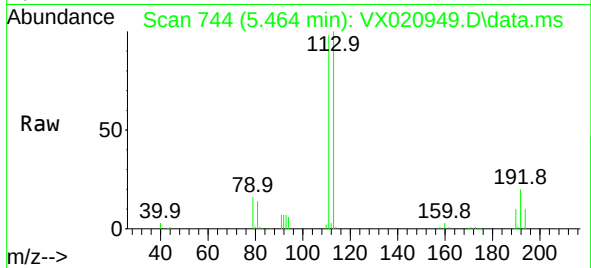




#35
Dibromofluoromethane
Concen: 52.13 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

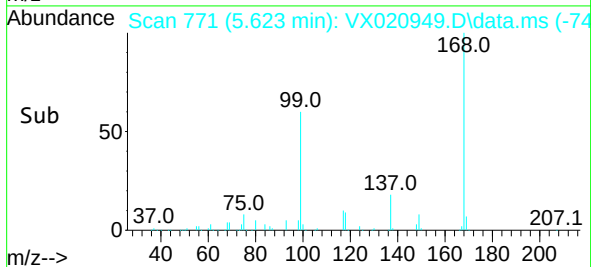
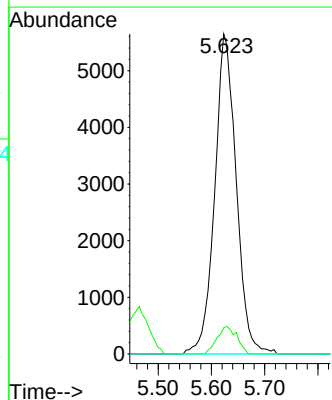
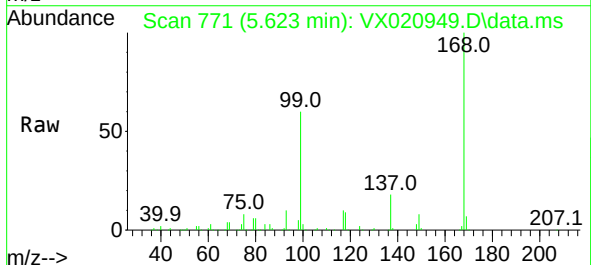
Instrument :
MSVOA_X
ClientSampled :
FB-01-022721

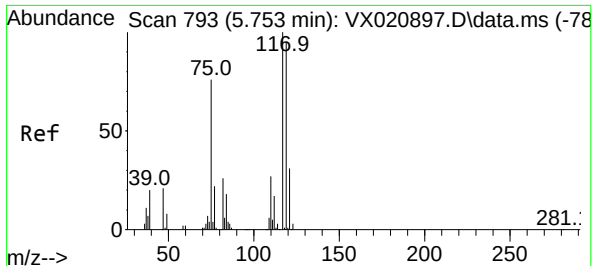
Tgt Ion:113 Resp: 118300
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.46 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Tgt Ion: 75 Resp: 15844
Ion Ratio Lower Upper
75 100
110 7.9 18.1 54.4#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.51 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.124 min

Lab File: VX020949.D

Acq: 01 Mar 2021 21:05

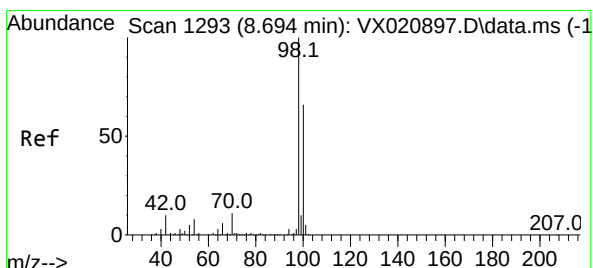
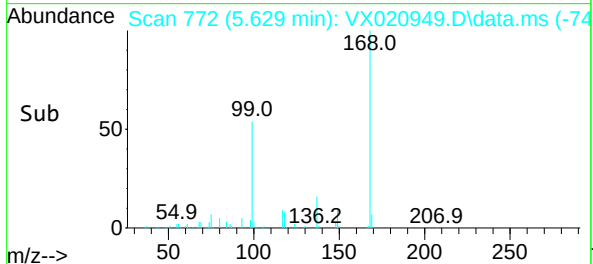
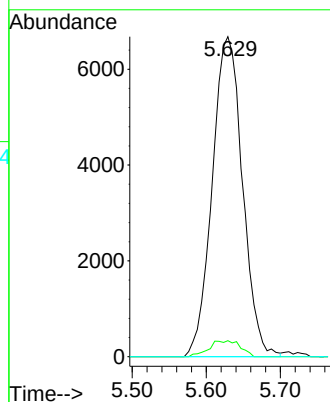
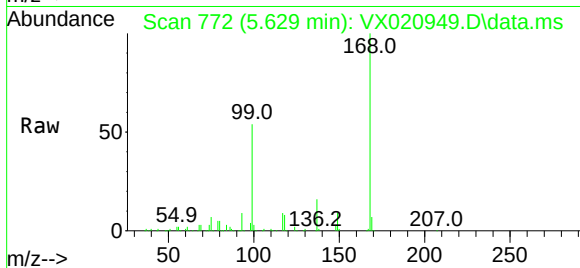
Instrument :

MSVOA_X

ClientSampleId :

FB-01-022721

Tgt Ion:	117	Resp:	18955
Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.2	114.2#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 51.57 ug/l

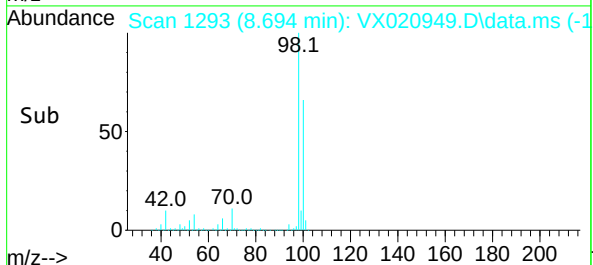
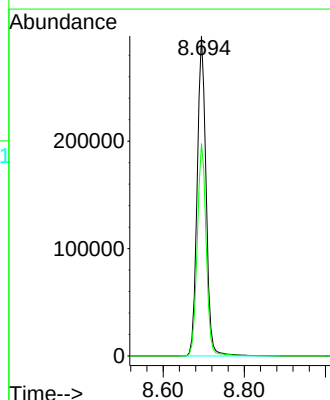
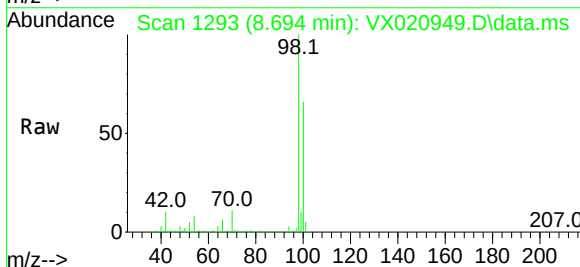
RT: 8.694 min Scan# 1293

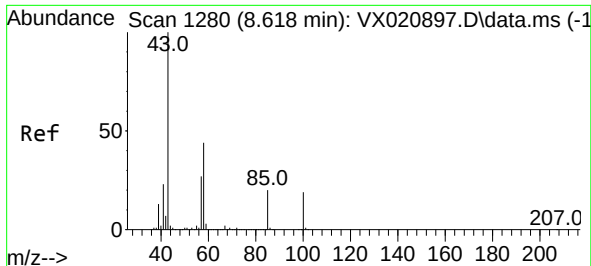
Delta R.T. 0.000 min

Lab File: VX020949.D

Acq: 01 Mar 2021 21:05

Tgt Ion:	98	Resp:	456269
Ion	Ratio	Lower	Upper
98	100		
100	67.0	51.9	77.9

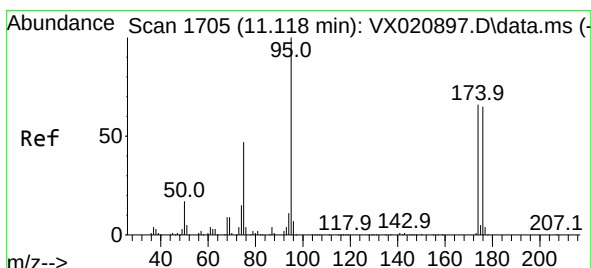
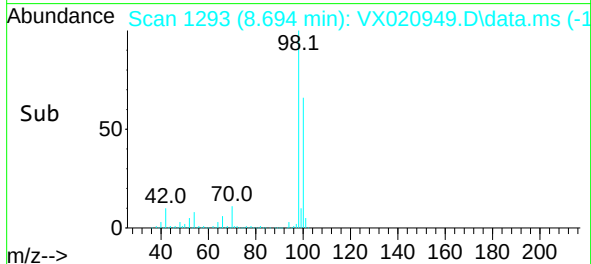
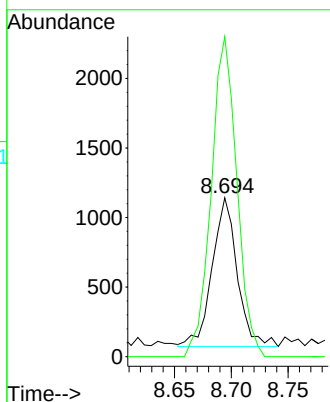
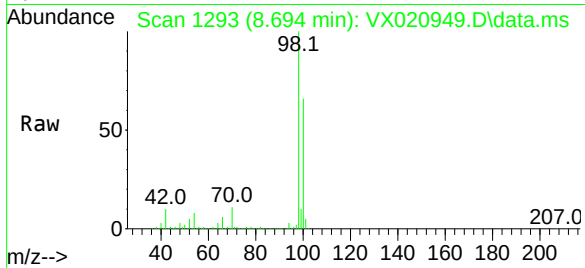




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.076 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

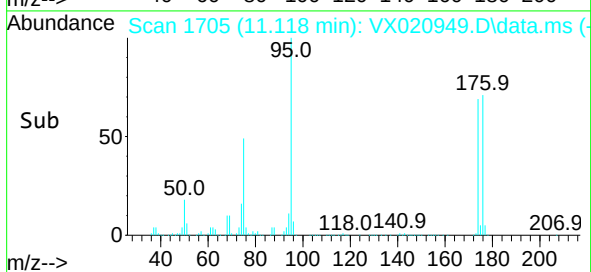
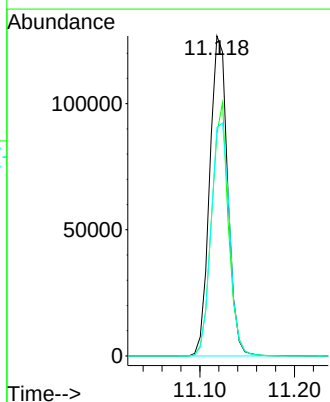
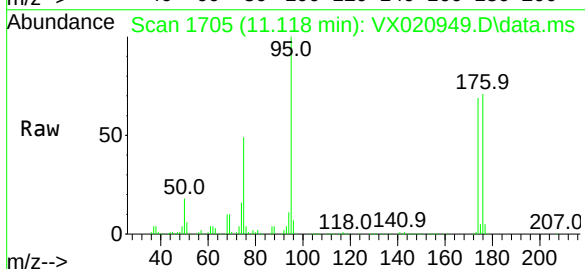
Instrument :
MSVOA_X
ClientSampleId :
FB-01-022721

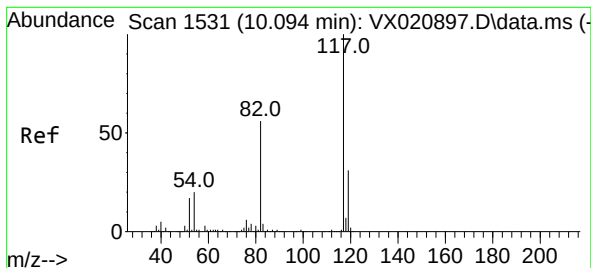
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
58 219.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 51.07 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Tgt Ion: 95 Resp: 167085
Ion Ratio Lower Upper
95 100
174 73.8 0.0 154.6
176 75.0 0.0 155.8

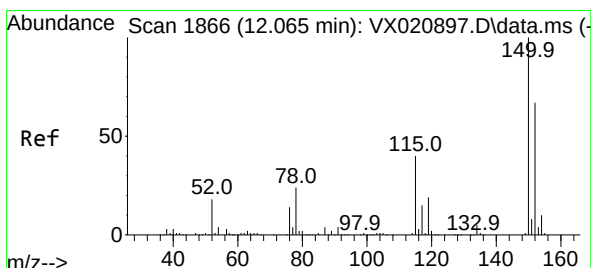
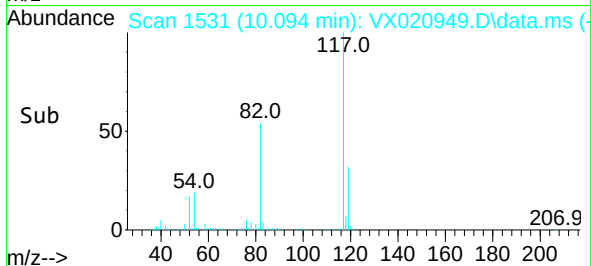
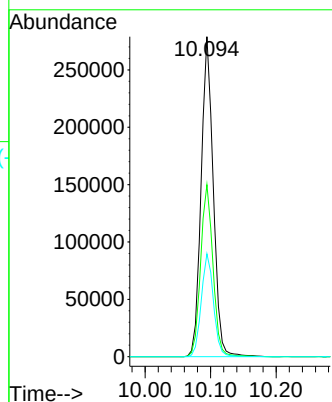
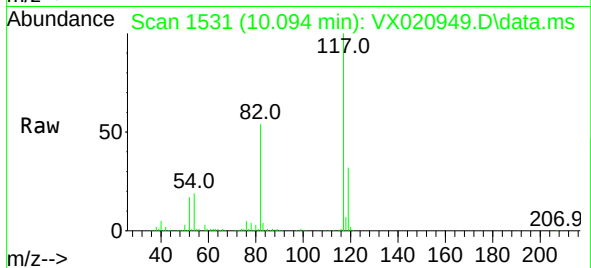




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

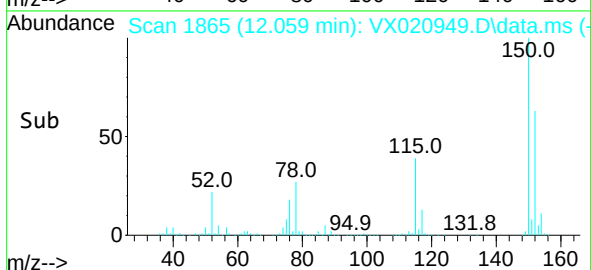
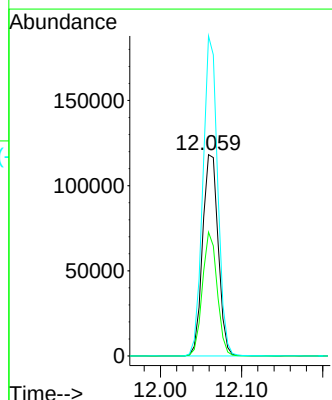
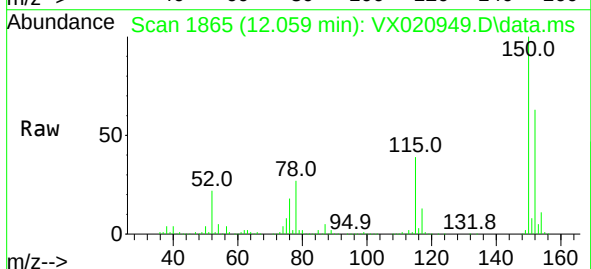
Instrument :
MSVOA_X
ClientSampleId :
FB-01-022721

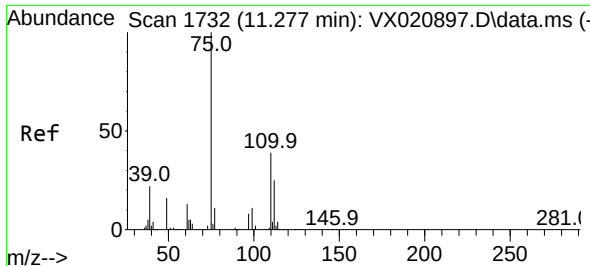
Tgt Ion:117 Resp: 360407
Ion Ratio Lower Upper
117 100
82 53.8 47.4 71.2
119 32.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Tgt Ion:152 Resp: 157730
Ion Ratio Lower Upper
152 100
115 58.1 41.1 123.3
150 150.5 0.0 349.0

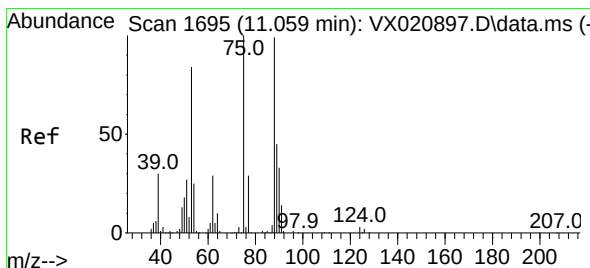
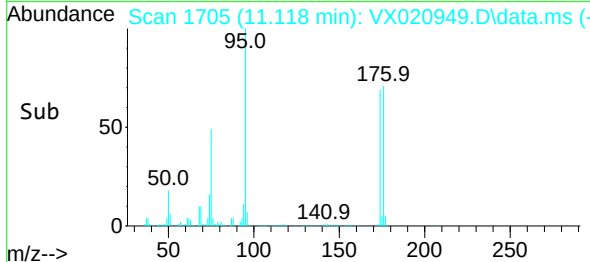
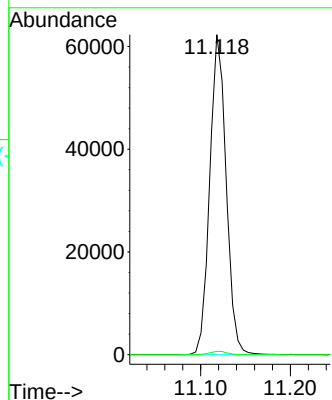
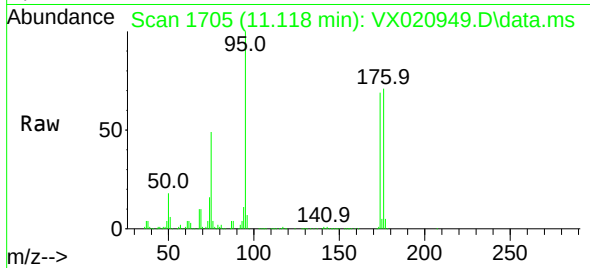




#76
1,2,3-Trichloropropane
Concen: 23.30 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Instrument :
MSVOA_X
ClientSampleId :
FB-01-022721

Tgt Ion: 75 Resp: 79077
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020949.D
Acq: 01 Mar 2021 21:05

Tgt Ion: 75 Resp: 79077
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

