

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
 Data File : VX020942.D
 Acq On : 01 Mar 2021 18:23
 Operator : JC/MD
 Sample : PB134860ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#01

Quant Time: Mar 02 00:31:02 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

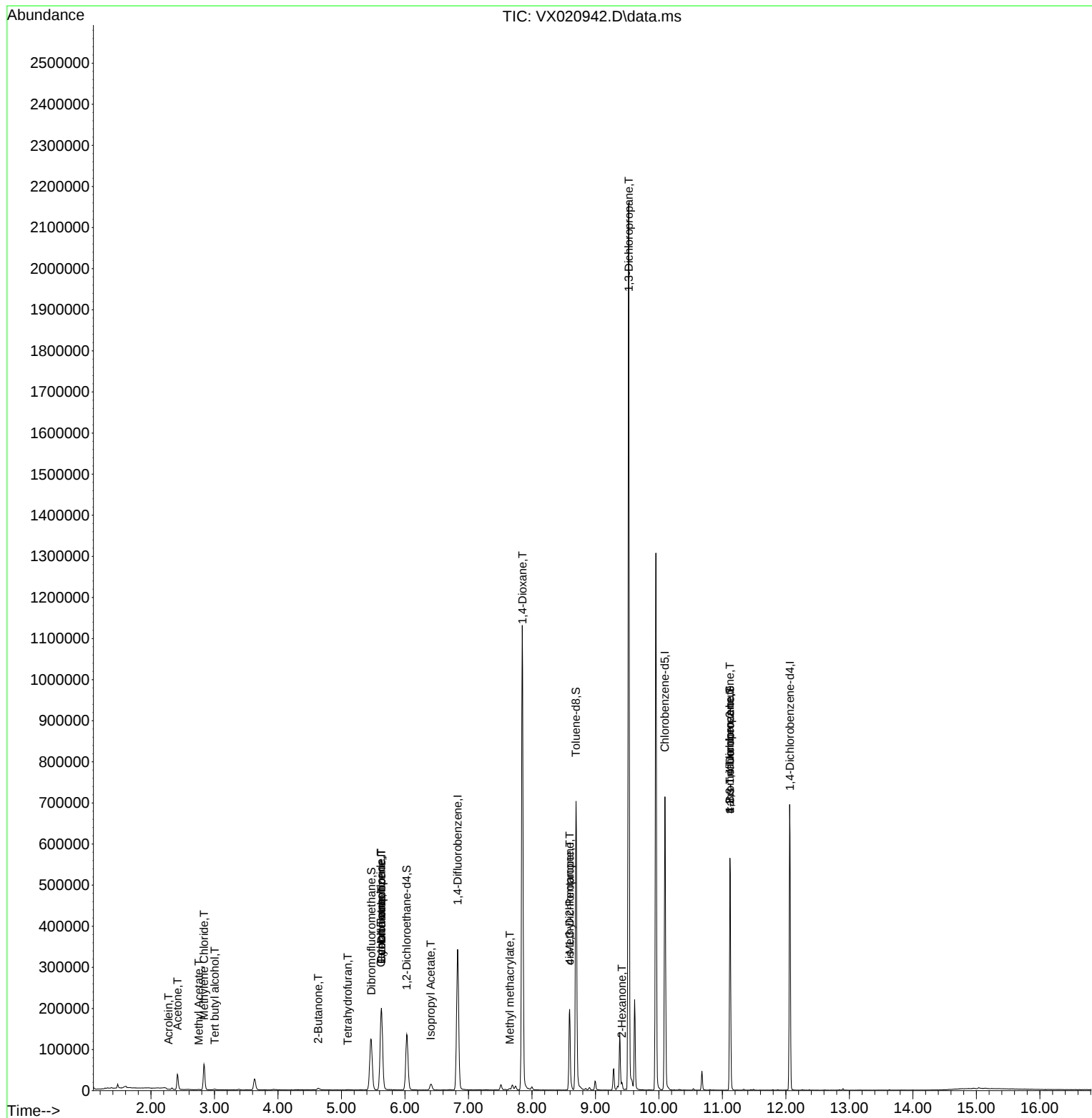
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	198749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	360462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	338321	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	143769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	126949	47.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.58%
35) Dibromofluoromethane	5.470	113	110633	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.04%
50) Toluene-d8	8.694	98	432061	50.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.20%
62) 4-Bromofluorobenzene	11.118	95	161889	51.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.54%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	55	Below Cal	#	2
11) Tert butyl alcohol	3.005	59	1842	3.08	ug/l #	91
13) Acrolein	2.276	56	122	0.33	ug/l #	57
16) Acetone	2.417	43	38733	35.01	ug/l	100
18) Methyl Acetate	2.752	43	973	0.37	ug/l	97
20) Methylene Chloride	2.834	84	30433	11.47	ug/l	97
25) 2-Butanone	4.635	43	6346	3.78	ug/l	93
29) Tetrahydrofuran	5.099	42	345	0.32	ug/l #	85
31) Cyclohexane	5.629	56	3768	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	14689	4.29	ug/l #	48
38) Carbon Tetrachloride	5.623	117	18382	5.54	ug/l #	16
43) Isopropyl Acetate	6.405	43	19189	3.46	ug/l	99
48) Methyl methacrylate	7.653	41	4846	1.74	ug/l #	10
49) 1,4-Dioxane	7.853	88	191	2.94	ug/l #	1
51) 4-Methyl-2-Pentanone	8.594	43	65916	20.42	ug/l #	47
54) cis-1,3-Dichloropropene	8.594	75	35372	7.98	ug/l #	56
57) 1,3-Dichloropropane	9.524	76	19649	4.53	ug/l #	42
59) 2-Hexanone	9.418	43	8455	3.49	ug/l #	19
76) 1,2,3-Trichloropropane	11.118	75	75494	24.41	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	75494	54.04	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030221\
Data File : VX020942.D
Acq On : 01 Mar 2021 18:23
Operator : JC/MD
Sample : PB134860ZHE#01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

Quant Time: Mar 02 00:31:02 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

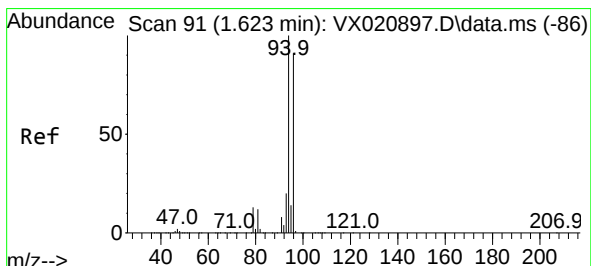
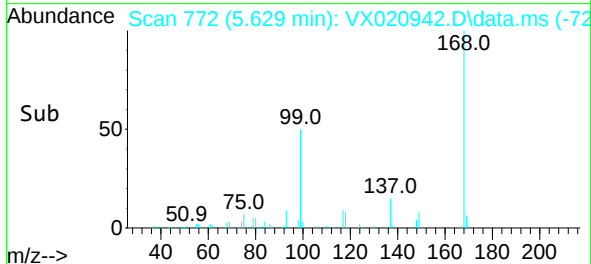
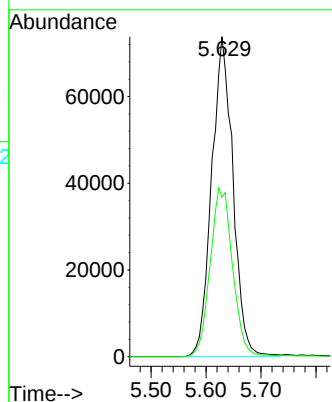
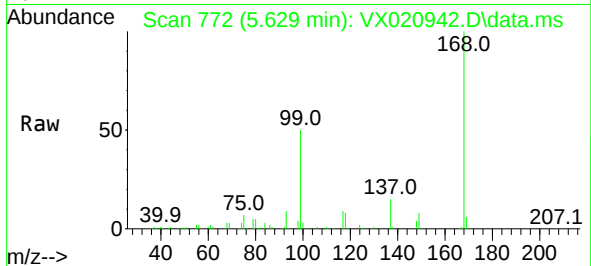




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

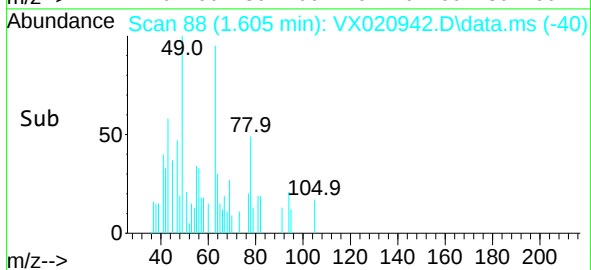
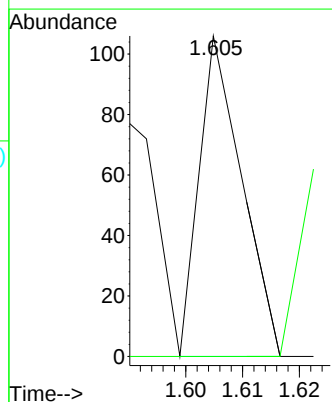
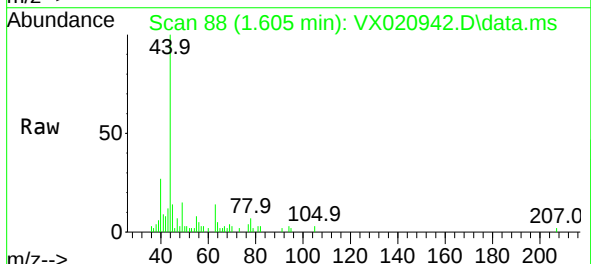
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

Tgt Ion:168 Resp: 198749
Ion Ratio Lower Upper
168 100
99 49.8 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 88
Delta R.T. -0.018 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#

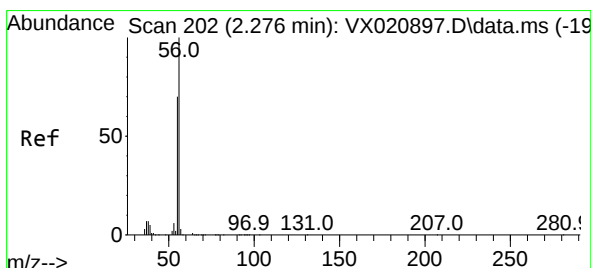
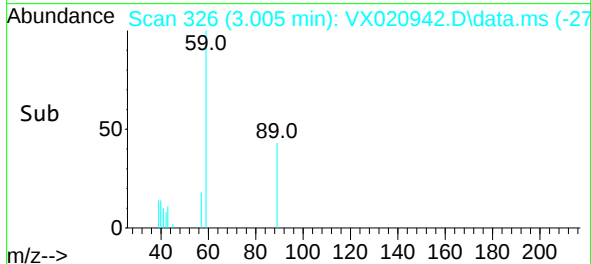
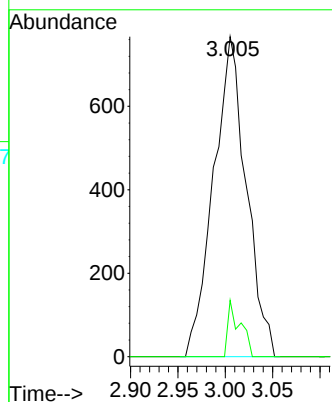
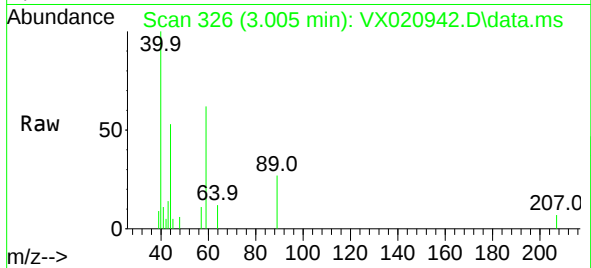




#11
Tert butyl alcohol
Concen: 3.08 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

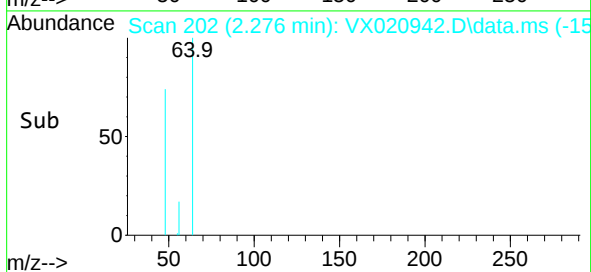
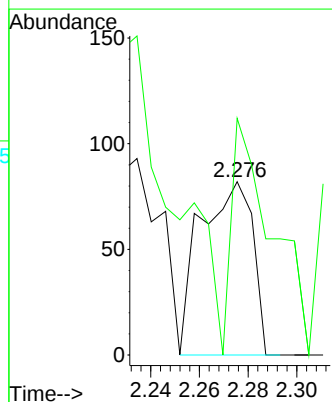
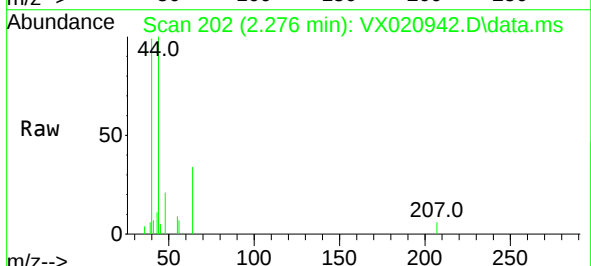
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

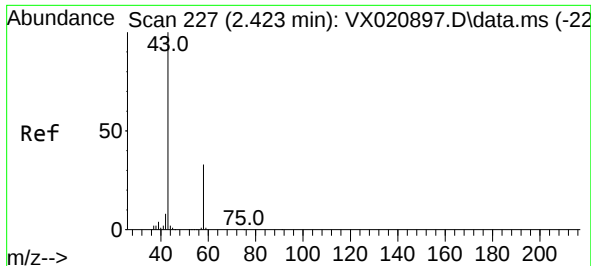
Tgt Ion: 59 Resp: 1842
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#



#13
Acrolein
Concen: 0.33 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 56 Resp: 122
Ion Ratio Lower Upper
56 100
55 105.7 56.4 84.6#

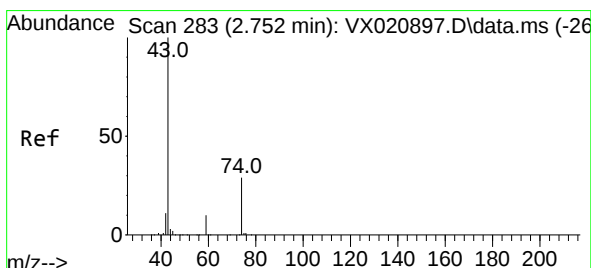
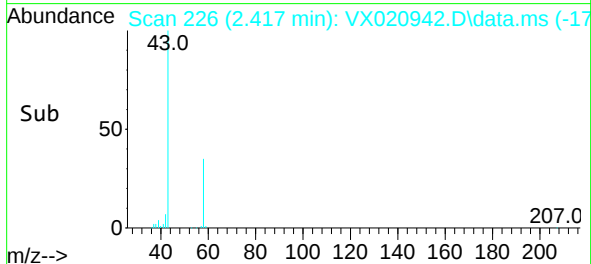
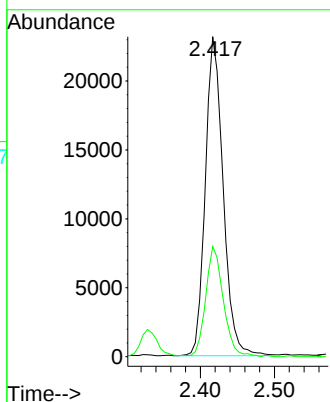
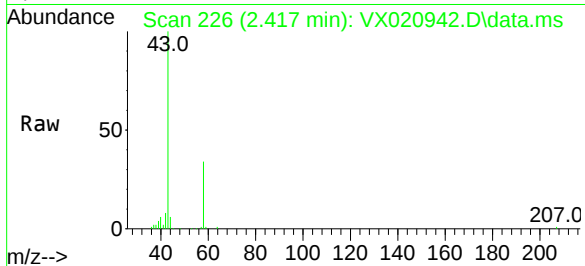




#16
Acetone
Concen: 35.01 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

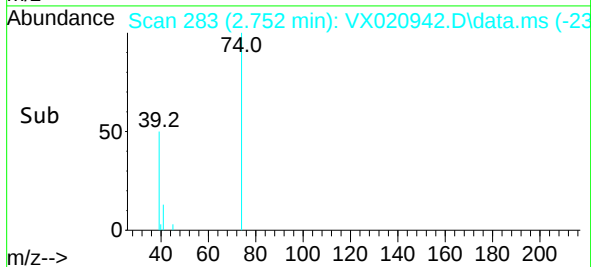
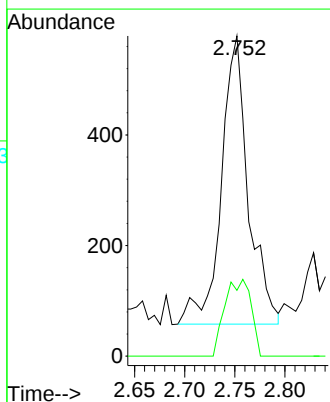
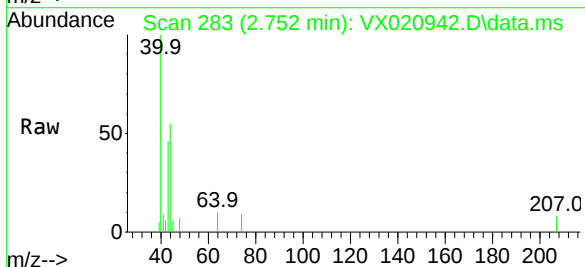
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

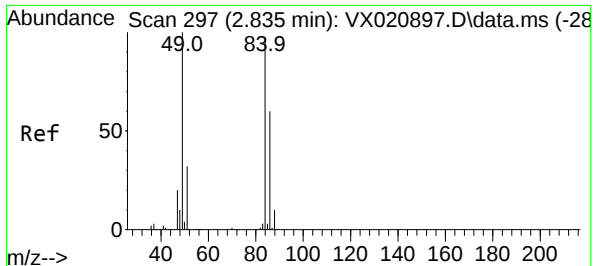
Tgt Ion: 43 Resp: 38733
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.37 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

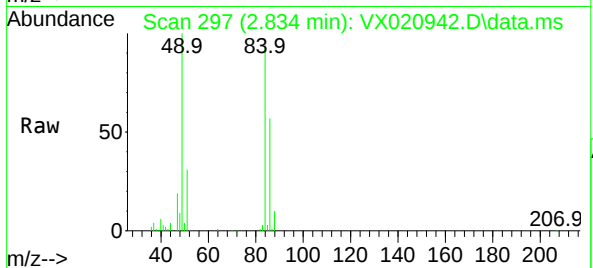
Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
74 26.0 21.9 32.9



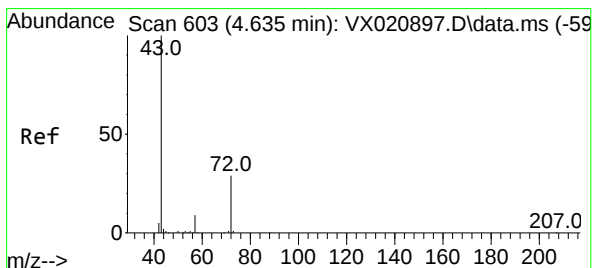
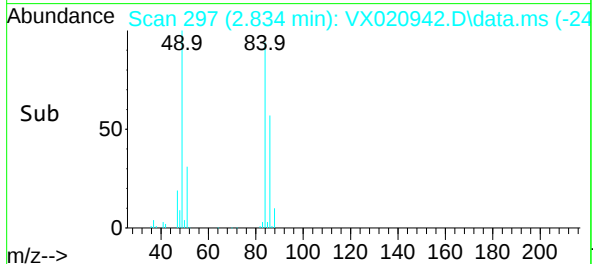
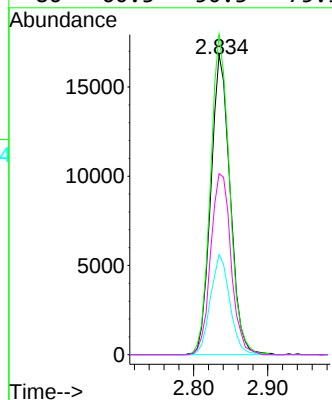


#20
Methylene Chloride
Concen: 11.47 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

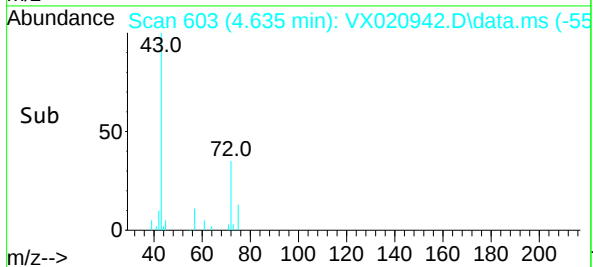
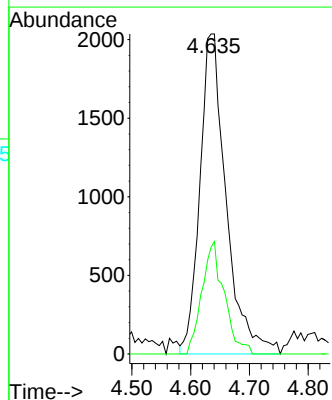
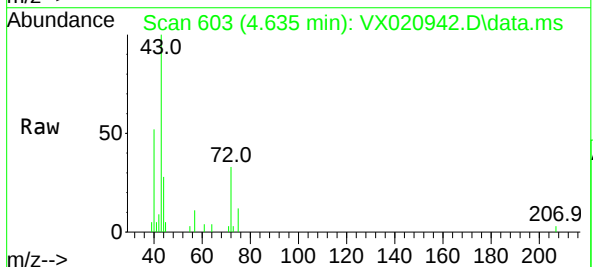


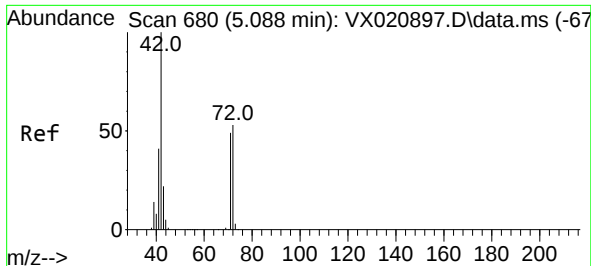
Tgt Ion:	84	Resp:	30433
Ion	Ratio	Lower	Upper
84	100		
49	106.6	88.6	132.8
51	33.3	27.0	40.6
86	60.3	50.3	75.5



#25
2-Butanone
Concen: 3.78 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion:	43	Resp:	6346
Ion	Ratio	Lower	Upper
43	100		
72	33.4	23.7	35.5





#29

Tetrahydrofuran

Concen: 0.32 ug/l

RT: 5.099 min Scan# 682

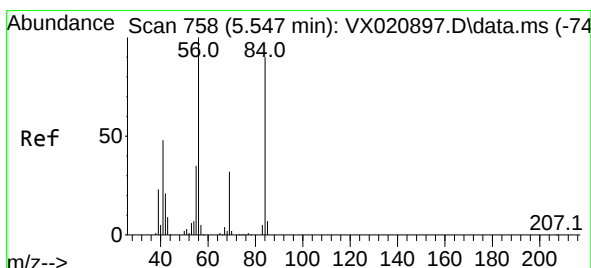
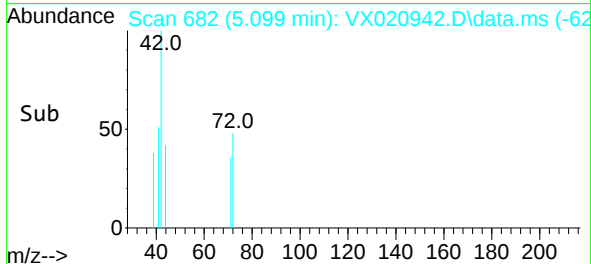
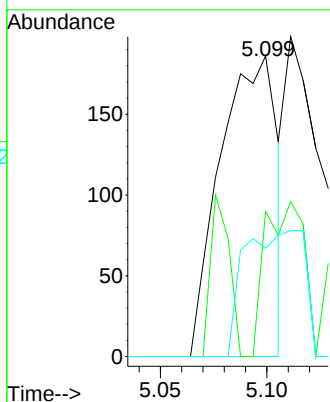
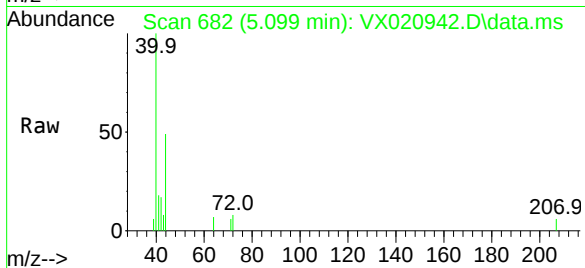
Delta R.T. 0.012 min

Lab File: VX020942.D

Acq: 01 Mar 2021 18:23

Tgt Ion:	42	Resp:	345
Ion	Ratio	Lower	Upper
42	100		
72	35.1	41.7	62.5#
71	44.6	38.4	57.6

Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01



#31

Cyclohexane

Concen: 0.97 ug/l

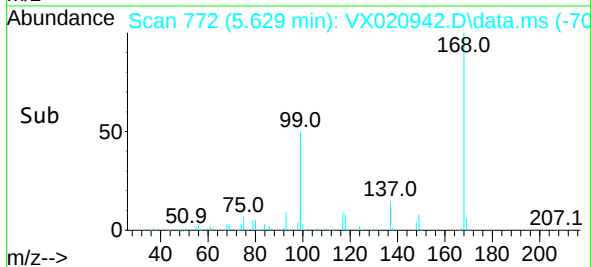
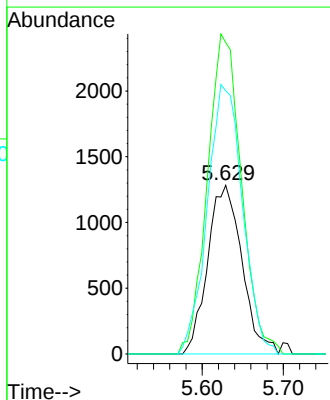
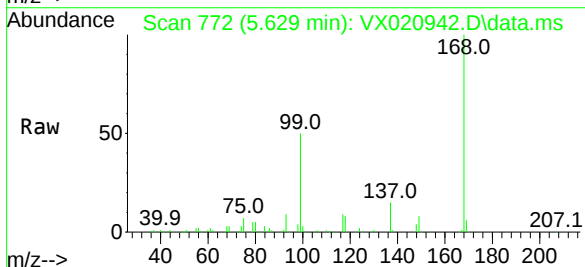
RT: 5.629 min Scan# 772

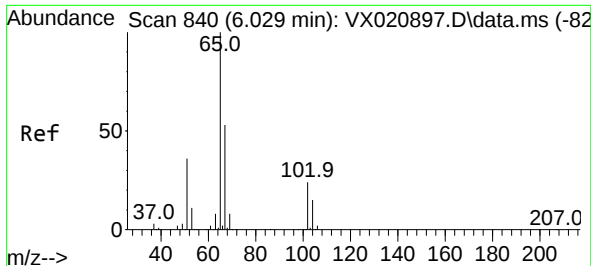
Delta R.T. 0.082 min

Lab File: VX020942.D

Acq: 01 Mar 2021 18:23

Tgt Ion:	56	Resp:	3768
Ion	Ratio	Lower	Upper
56	100		
69	184.6	25.3	37.9#
84	156.0	71.4	107.0#

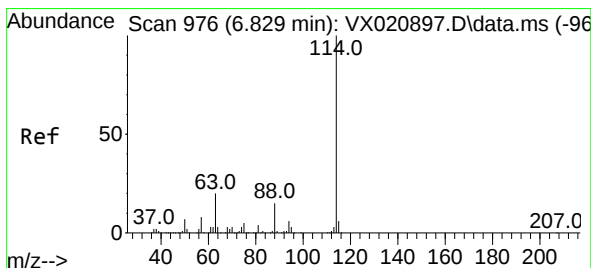
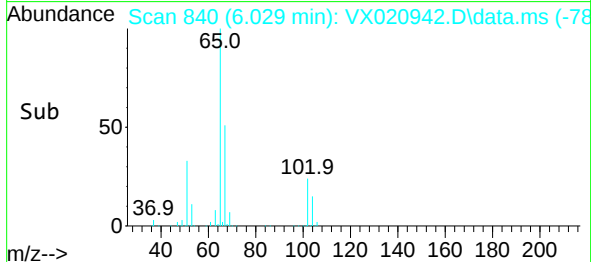
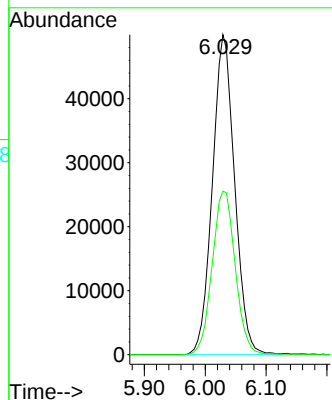
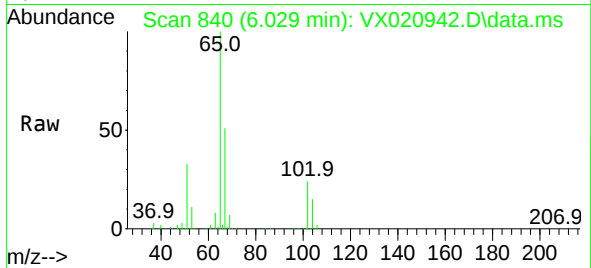




#33
 1,2-Dichloroethane-d4
 Concen: 47.29 ug/l
 RT: 6.029 min Scan# 840
 Delta R.T. -0.000 min
 Lab File: VX020942.D
 Acq: 01 Mar 2021 18:23

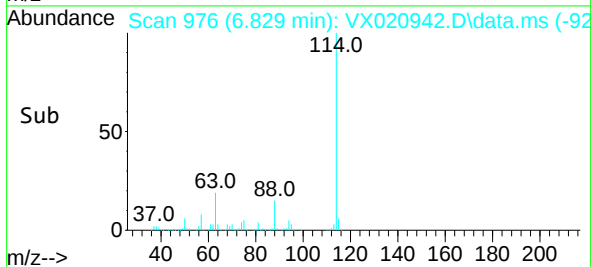
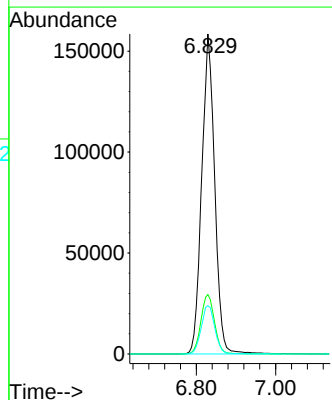
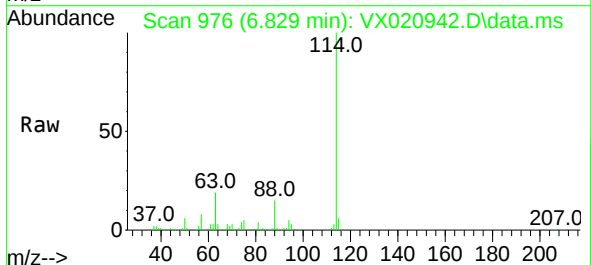
Instrument :
 MSVOA_X
 ClientSampleId :
 PB134860ZHE#01

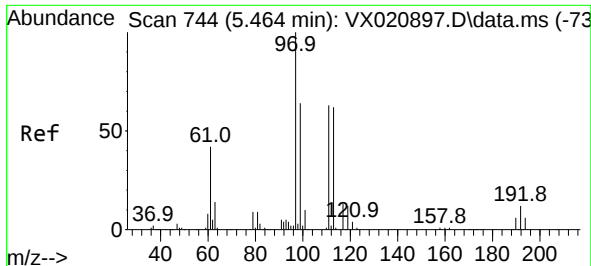
Tgt Ion: 65 Resp: 126949
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.829 min Scan# 976
 Delta R.T. -0.000 min
 Lab File: VX020942.D
 Acq: 01 Mar 2021 18:23

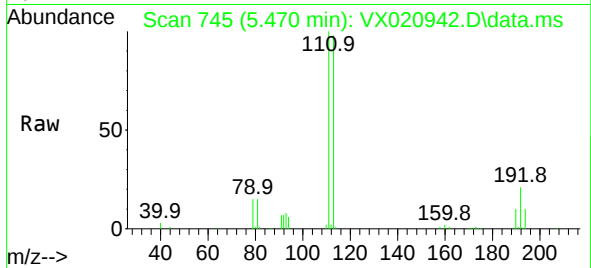
Tgt Ion: 114 Resp: 360462
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 40.8
 88 15.0 0.0 32.8



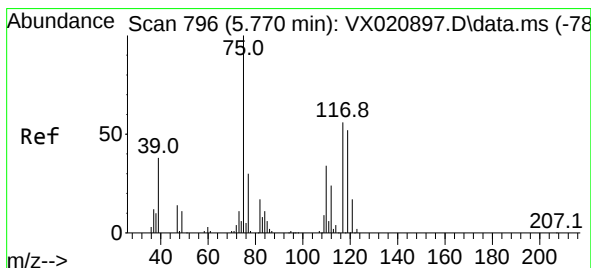
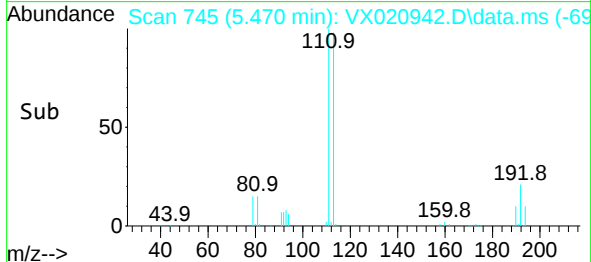
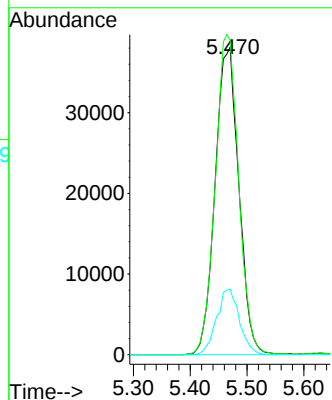


#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

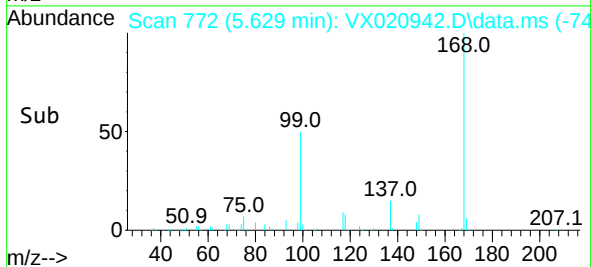
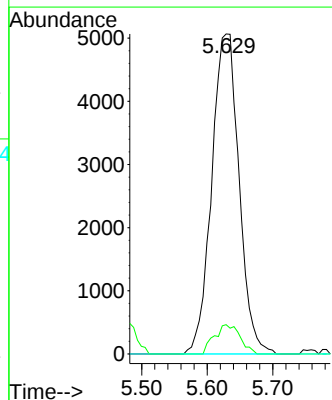
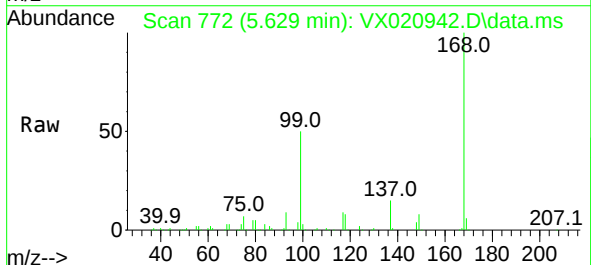


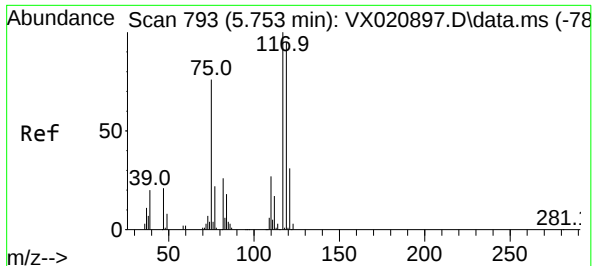
Tgt Ion:113 Resp: 110633
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 75 Resp: 14689
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#

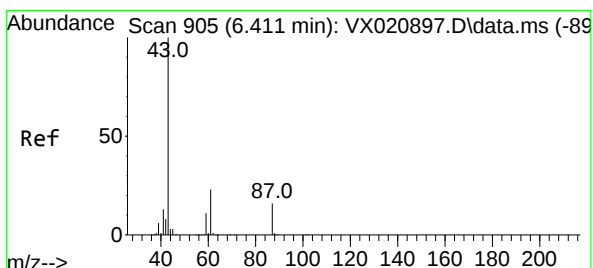
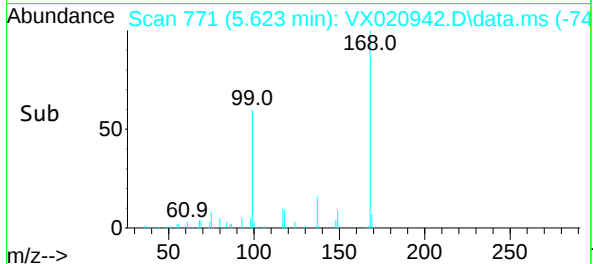
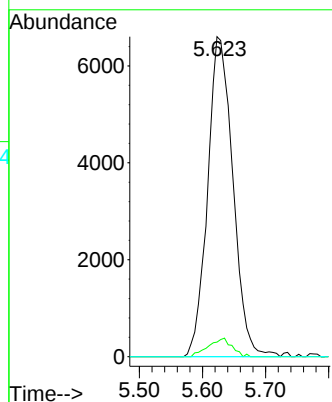
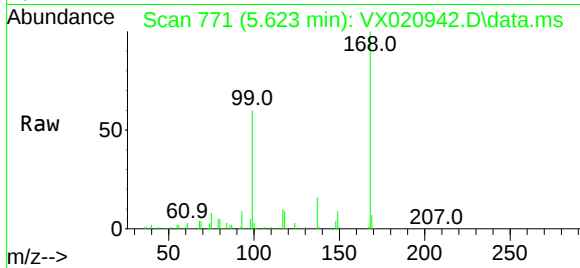




#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

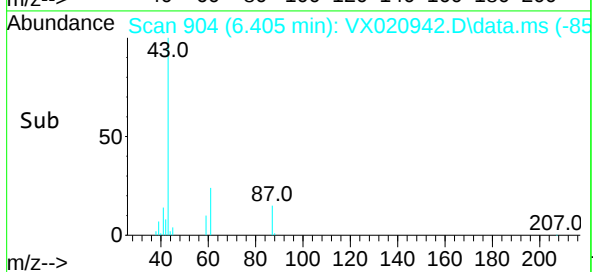
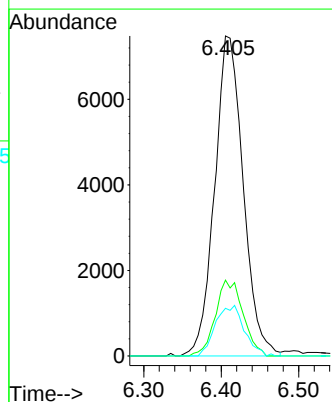
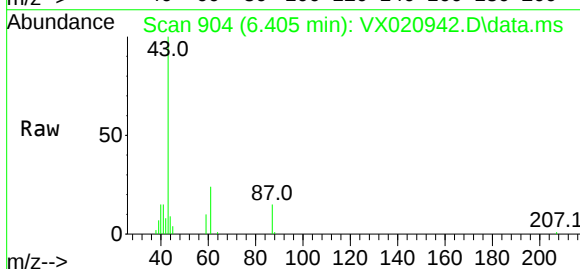
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

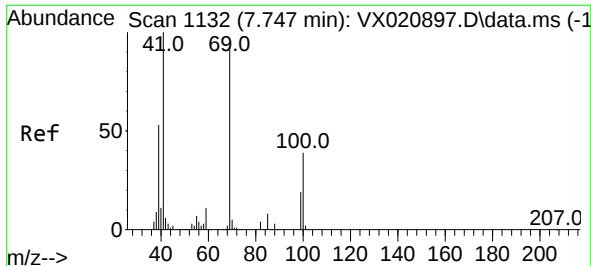
Tgt Ion:117 Resp: 18382
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.46 ug/l
RT: 6.405 min Scan# 904
Delta R.T. -0.006 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 43 Resp: 19189
Ion Ratio Lower Upper
43 100
61 23.0 18.2 27.4
87 15.9 12.5 18.7





#48

Methyl methacrylate

Concen: 1.74 ug/l

RT: 7.653 min Scan# 1116

Delta R.T. -0.094 min

Lab File: VX020942.D

Acq: 01 Mar 2021 18:23

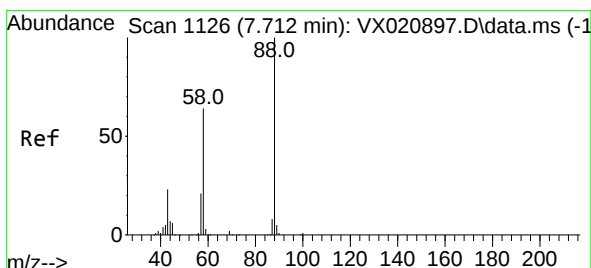
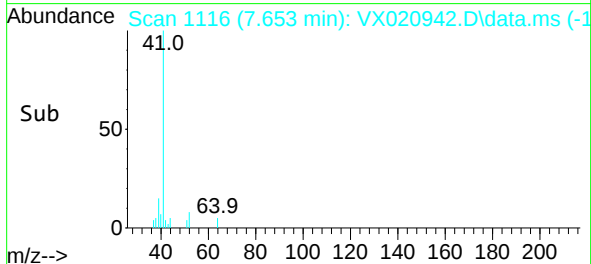
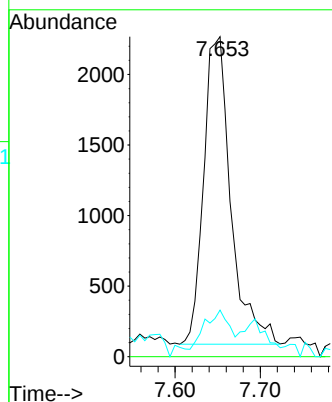
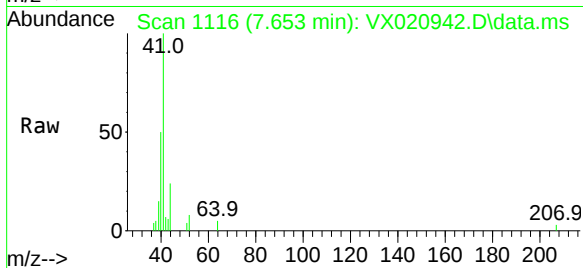
Instrument :

MSVOA_X

ClientSampleId :

PB134860ZHE#01

Tgt Ion:	41	Resp:	4846
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#49

1,4-Dioxane

Concen: 2.94 ug/l

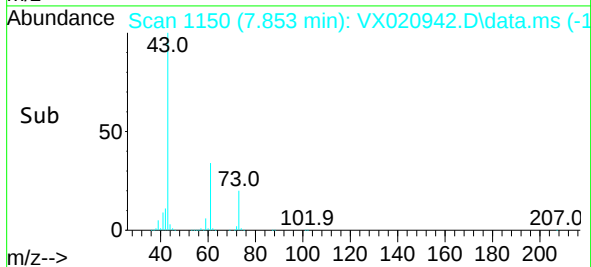
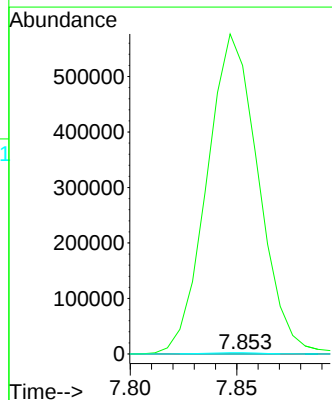
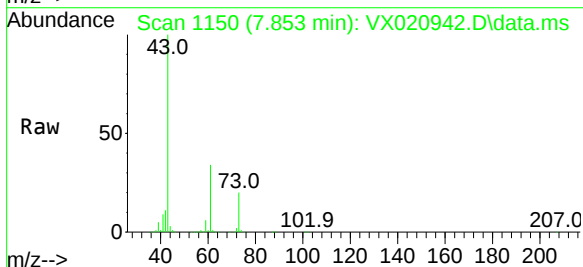
RT: 7.853 min Scan# 1150

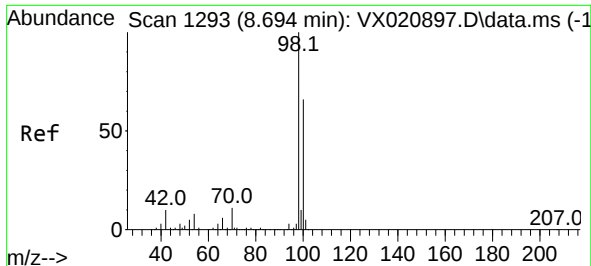
Delta R.T. 0.141 min

Lab File: VX020942.D

Acq: 01 Mar 2021 18:23

Tgt Ion:	88	Resp:	191
Ion	Ratio	Lower	Upper
88	100		
43	514597.4	23.2	34.8#
58	2265.4	55.0	82.4#

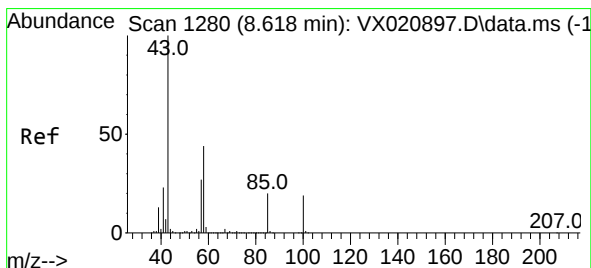
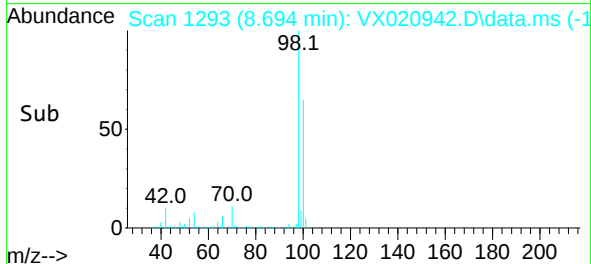
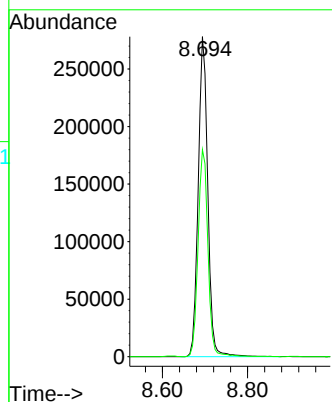
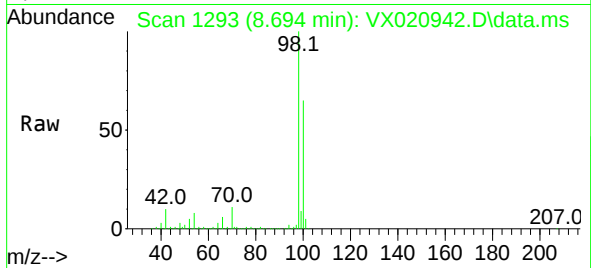




#50
Toluene-d8
Concen: 50.60 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

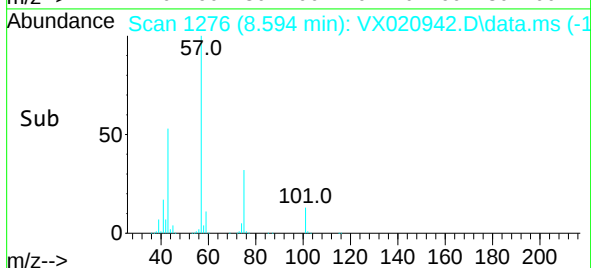
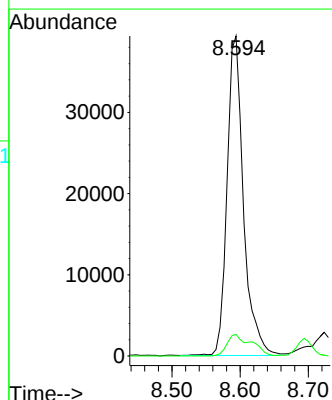
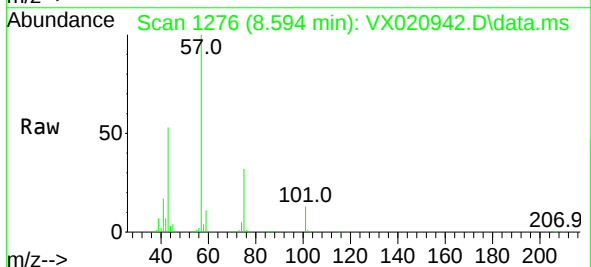
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

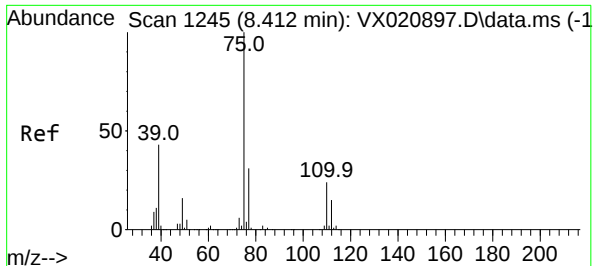
Tgt Ion: 98 Resp: 432061
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 20.42 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 43 Resp: 65916
Ion Ratio Lower Upper
43 100
58 10.0 35.4 53.0#

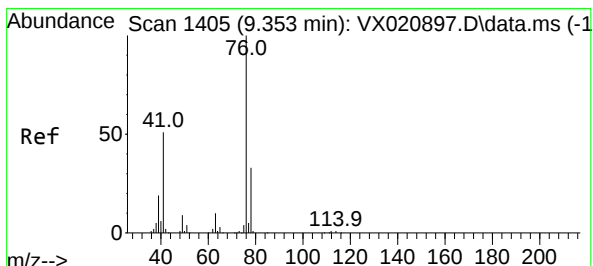
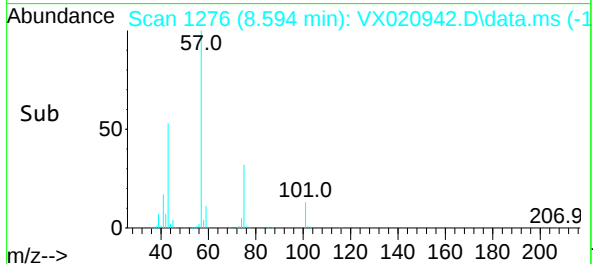
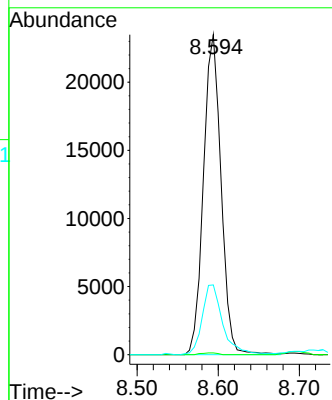
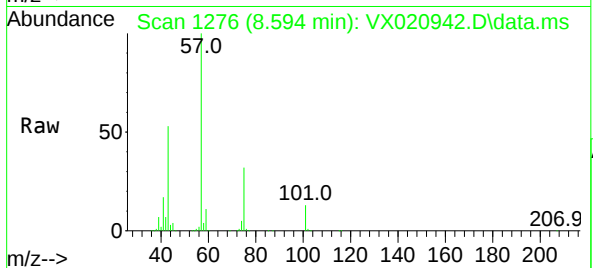




#54
cis-1,3-Dichloropropene
Concen: 7.98 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. 0.182 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

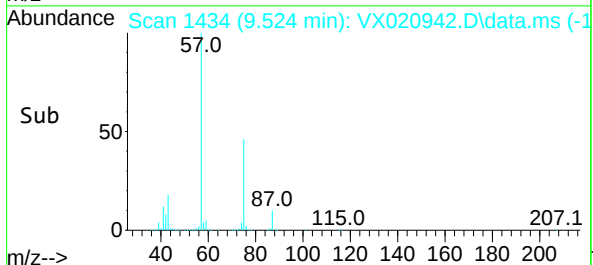
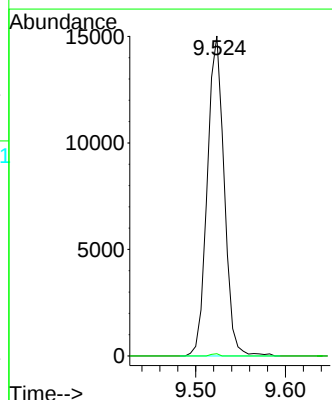
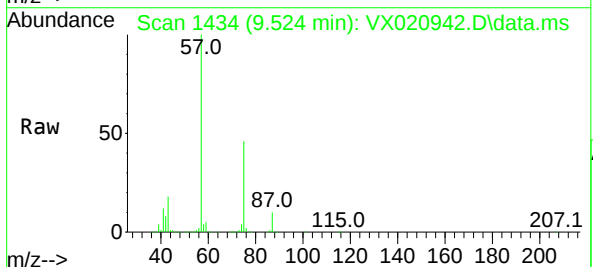
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

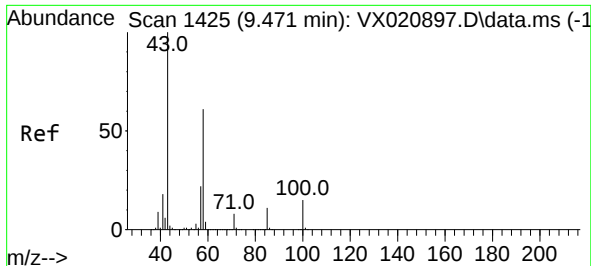
Tgt Ion: 75 Resp: 35372
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 21.8 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 4.53 ug/l
RT: 9.524 min Scan# 1434
Delta R.T. 0.170 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 76 Resp: 19649
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

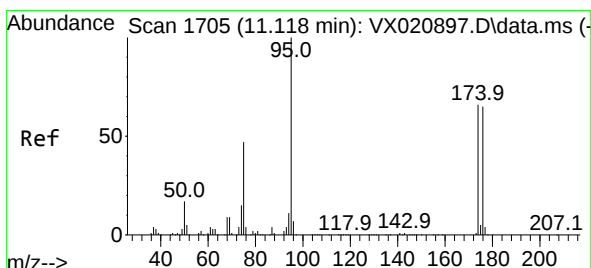
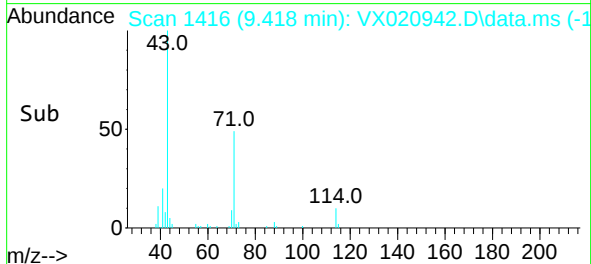
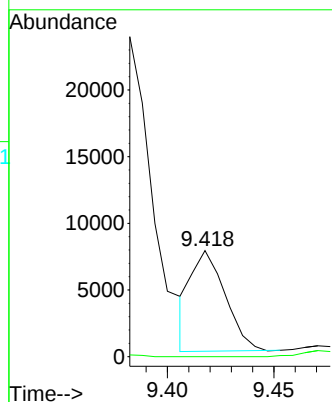
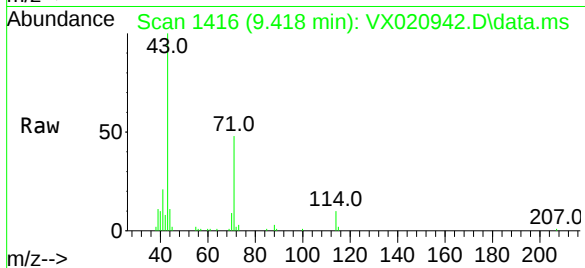




#59
2-Hexanone
Concen: 3.49 ug/l
RT: 9.418 min Scan# 1416
Delta R.T. -0.053 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

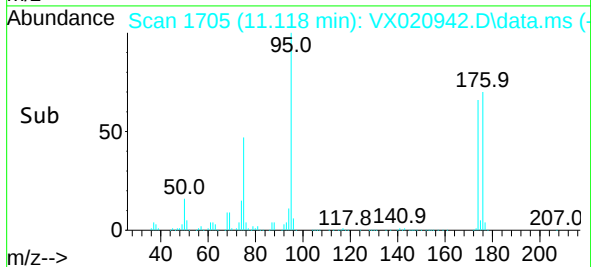
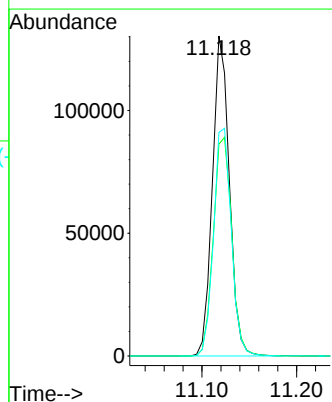
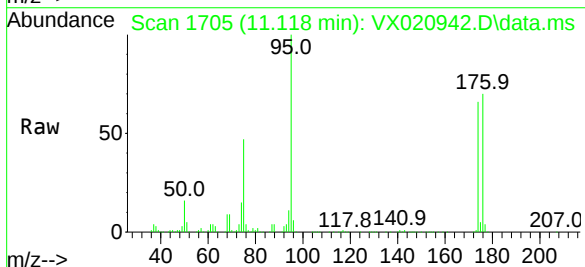
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

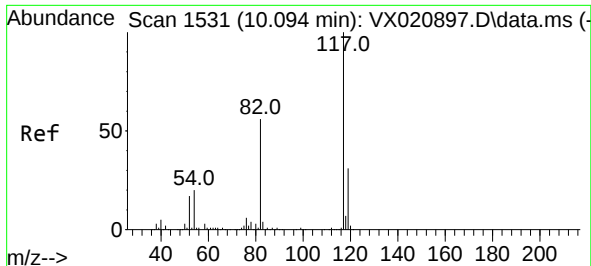
Tgt Ion: 43 Resp: 8455
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 51.27 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 95 Resp: 161889
Ion Ratio Lower Upper
95 100
174 74.5 0.0 154.6
176 74.6 0.0 155.8

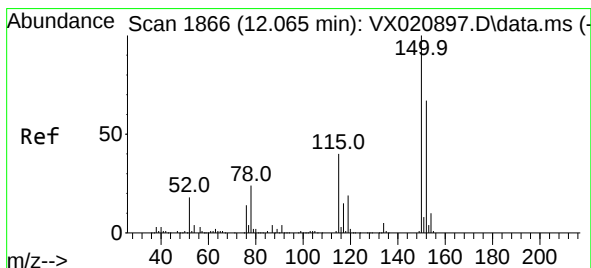
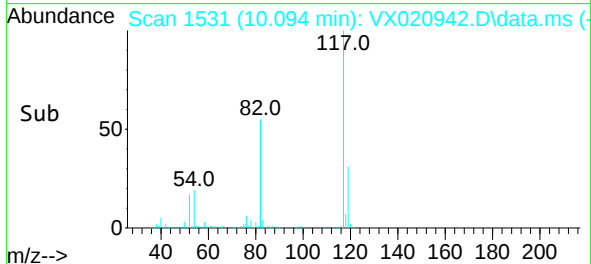
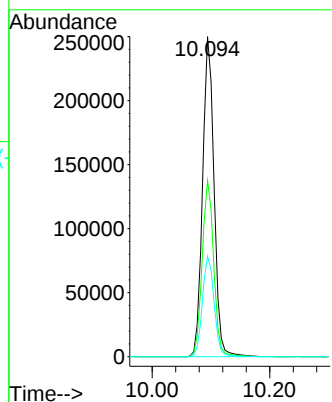
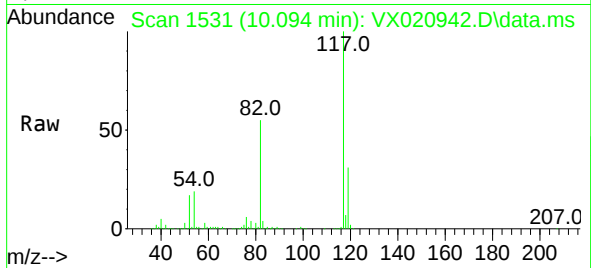




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

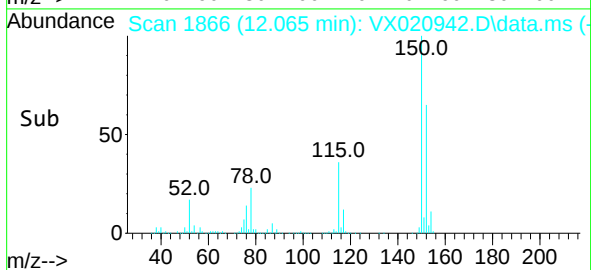
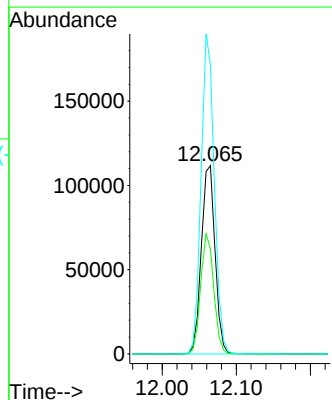
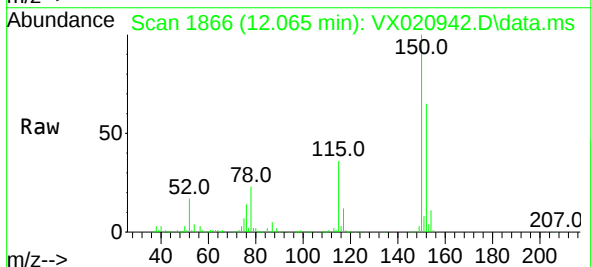
Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

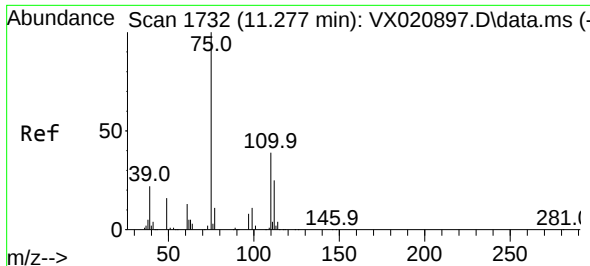
Tgt Ion:117 Resp: 338321
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion:152 Resp: 143769
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 162.9 0.0 349.0

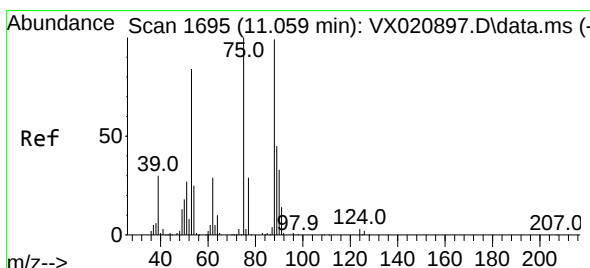
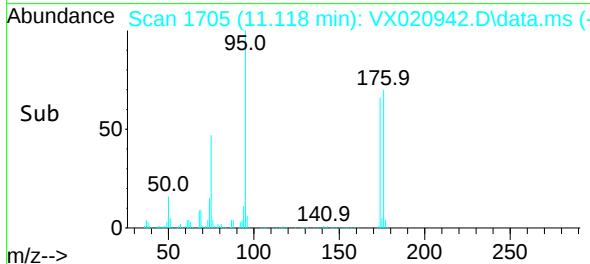
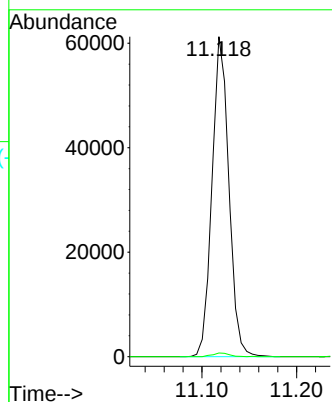
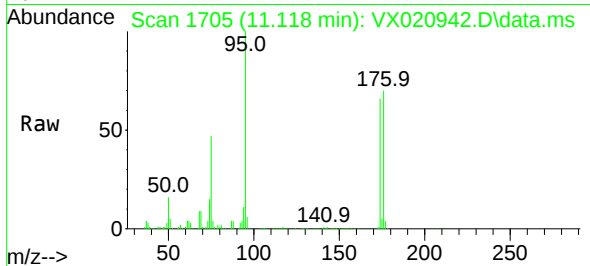




#76
1,2,3-Trichloropropane
Concen: 24.41 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Instrument :
MSVOA_X
ClientSampleId :
PB134860ZHE#01

Tgt Ion: 75 Resp: 75494
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020942.D
Acq: 01 Mar 2021 18:23

Tgt Ion: 75 Resp: 75494
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

