

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
 Data File : VX020974.D
 Acq On : 02 Mar 2021 19:05
 Operator : JC/MD
 Sample : M1535-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 03 01:17:53 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	201667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	370099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	361438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.065	152	159530	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	129978	47.72	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.44%
35) Dibromofluoromethane	5.464	113	115387	51.31	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.62%
50) Toluene-d8	8.694	98	456763	52.10	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.20%
62) 4-Bromofluorobenzene	11.118	95	170012	52.44	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.88%

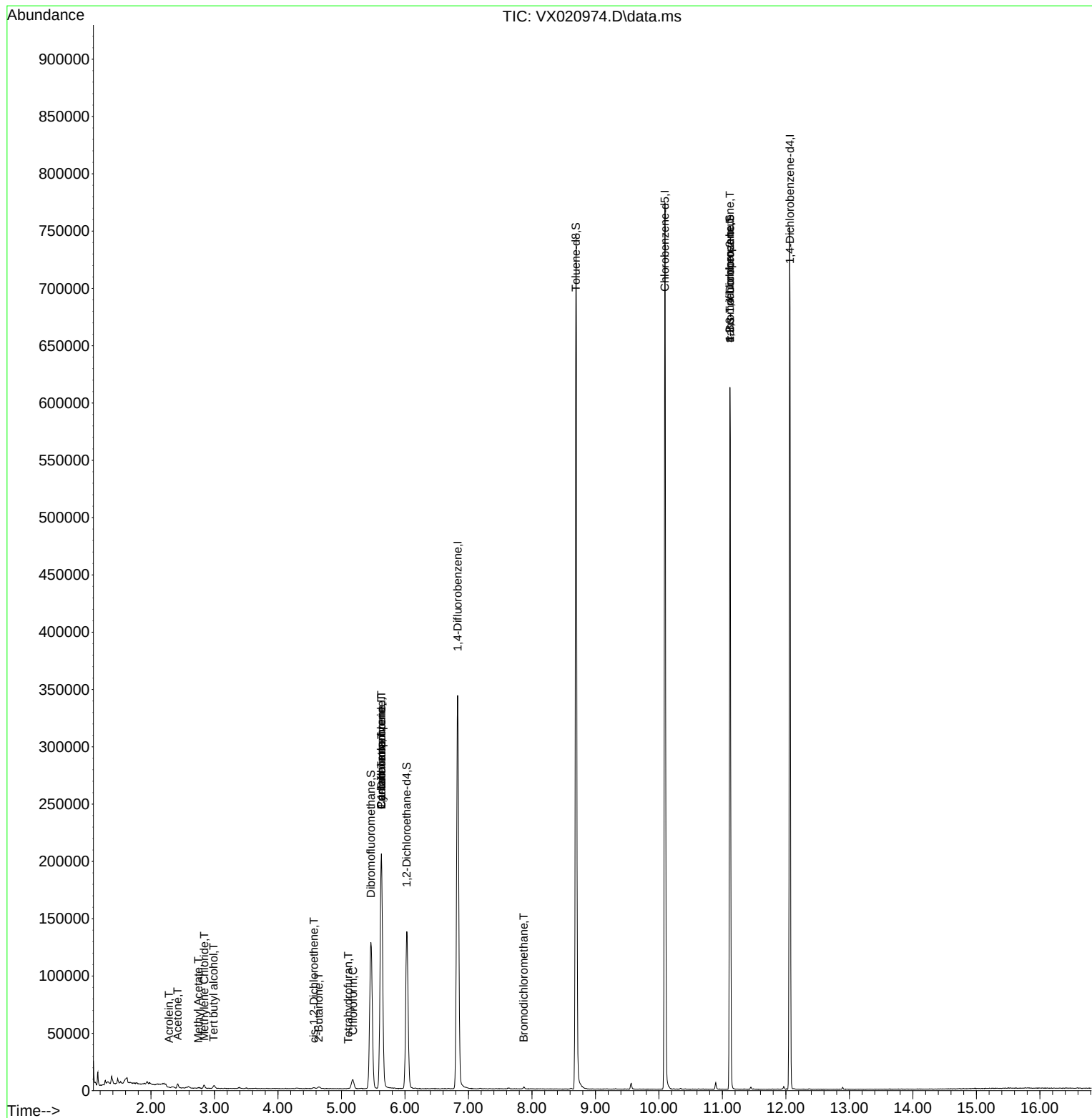
Target Compounds					Qvalue
5) Bromomethane	1.634	94	135	Below Cal	85
11) Tert butyl alcohol	2.987	59	1595	2.63 ug/l #	73
13) Acrolein	2.281	56	231	0.61 ug/l #	14
16) Acetone	2.417	43	3749	3.34 ug/l	91
18) Methyl Acetate	2.746	43	734	0.28 ug/l #	72
20) Methylene Chloride	2.840	84	1360	0.51 ug/l #	86
25) 2-Butanone	4.640	43	624	0.37 ug/l #	45
27) cis-1,2-Dichloroethene	4.564	96	688	0.24 ug/l	98
29) Tetrahydrofuran	5.105	42	261	0.24 ug/l #	35
30) Chloroform	5.182	83	9562	2.17 ug/l	96
31) Cyclohexane	5.629	56	4037	1.02 ug/l #	1
36) 1,1-Dichloropropene	5.629	75	15229	4.33 ug/l #	48
38) Carbon Tetrachloride	5.629	117	19203	5.63 ug/l #	16
47) Bromodichloromethane	7.870	83	1106	0.30 ug/l #	90
76) 1,2,3-Trichloropropane	11.118	75	81989	23.89 ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	81989	52.89 ug/l #	12

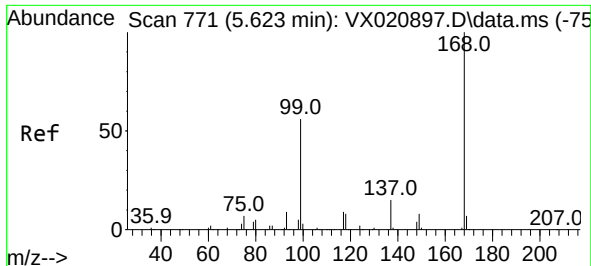
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030421\
Data File : VX020974.D
Acq On : 02 Mar 2021 19:05
Operator : JC/MD
Sample : M1535-01 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 03 01:17:53 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

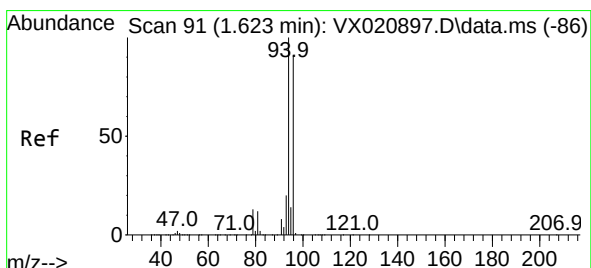
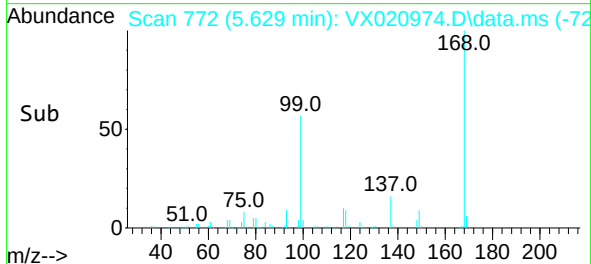
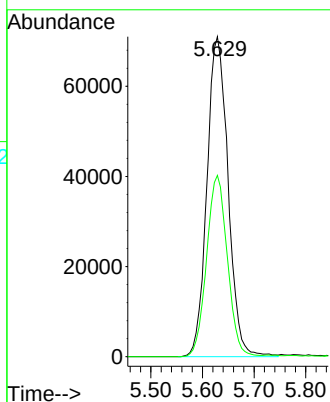
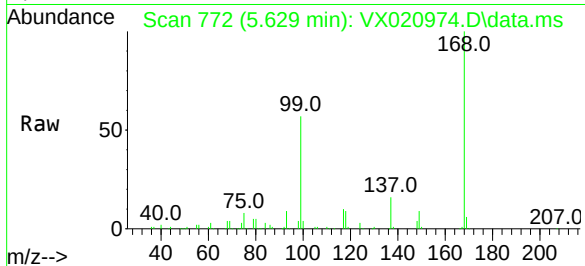




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

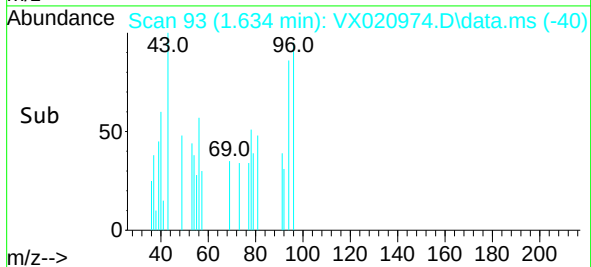
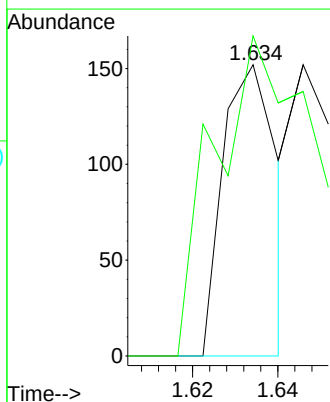
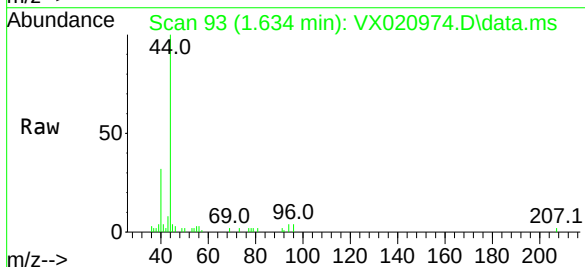
Instrument :
MSVOA_X
ClientSampled :

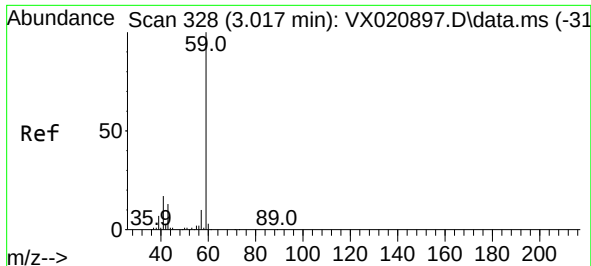
Tgt Ion:168 Resp: 201667
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.634 min Scan# 93
Delta R.T. 0.011 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 94 Resp: 135
Ion Ratio Lower Upper
94 100
96 109.9 76.4 114.6

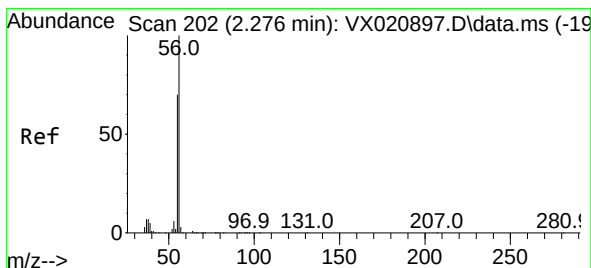
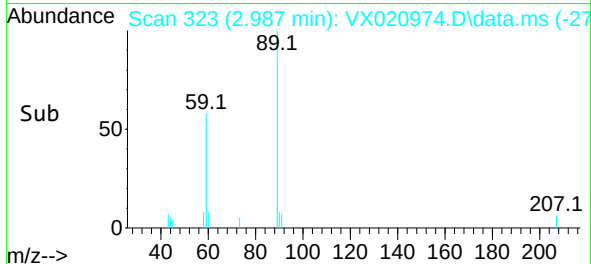
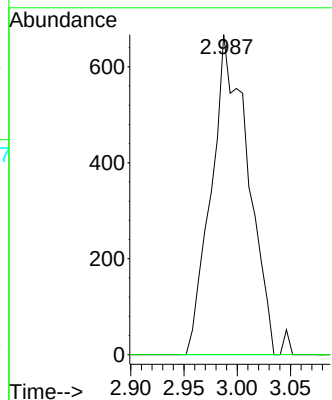
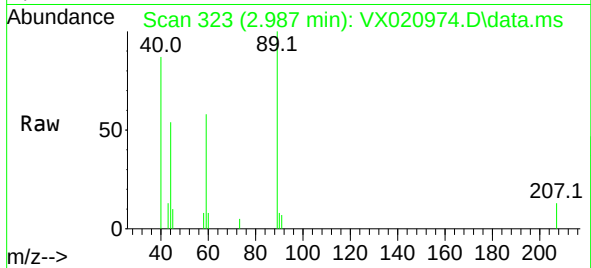




#11
Tert butyl alcohol
Concen: 2.63 ug/l
RT: 2.987 min Scan# 323
Delta R.T. -0.030 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

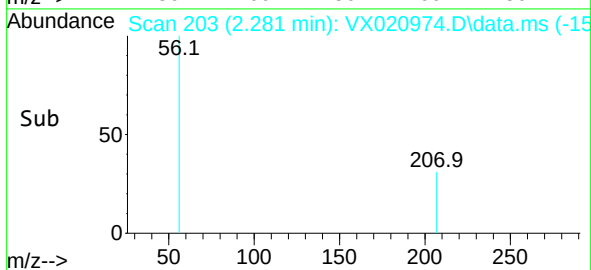
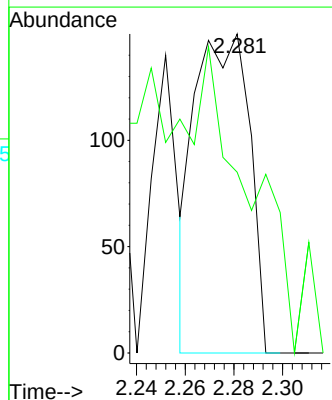
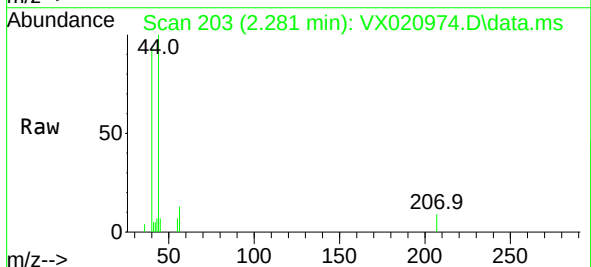
Instrument :
MSVOA_X
ClientSampled :

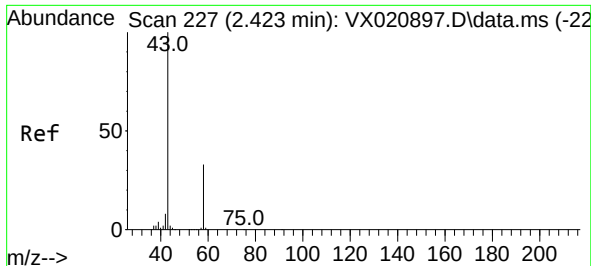
Tgt Ion: 59 Resp: 1595
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 0.61 ug/l
RT: 2.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

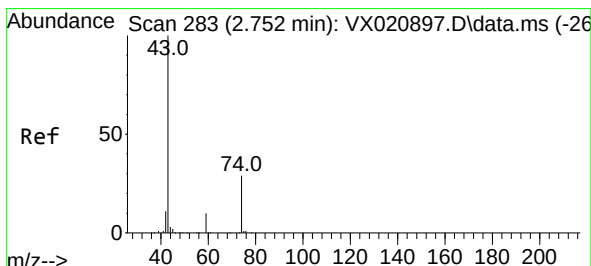
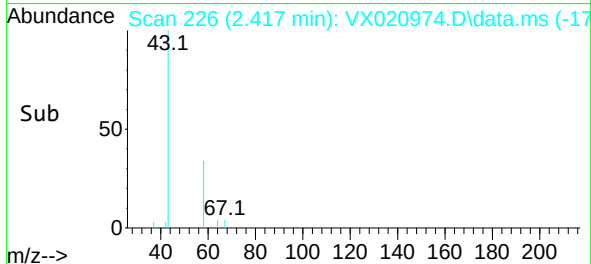
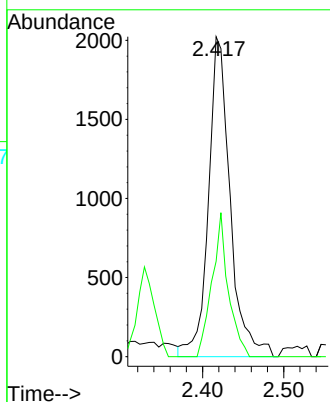
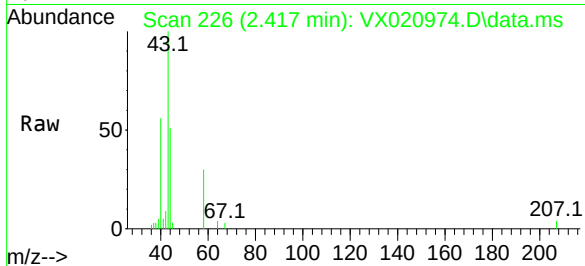




#16
Acetone
Concen: 3.34 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

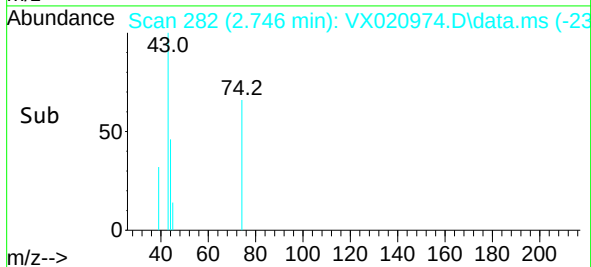
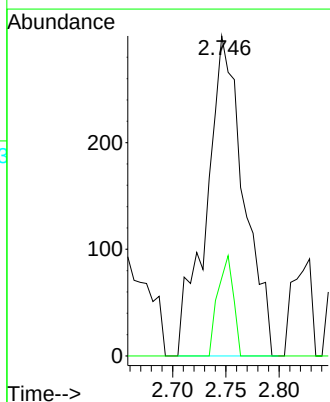
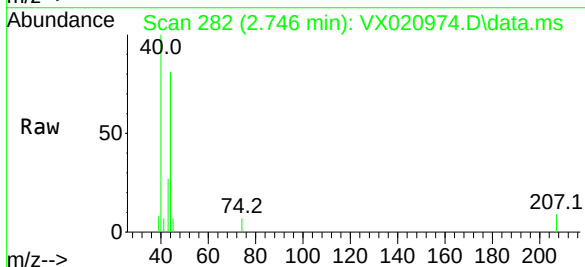
Instrument :
MSVOA_X
ClientSampled :

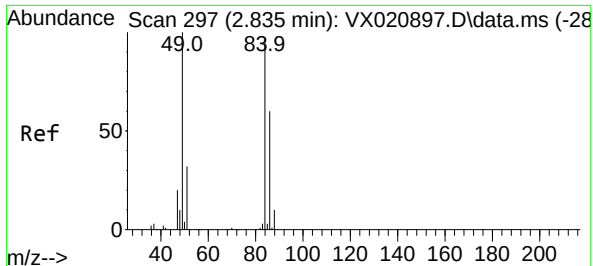
Tgt Ion: 43 Resp: 3749
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.28 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
74 12.9 21.9 32.9#





#20

Methylene Chloride

Concen: 0.51 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX020974.D

Acq: 02 Mar 2021 19:05

Tgt Ion: 84 Resp: 1360

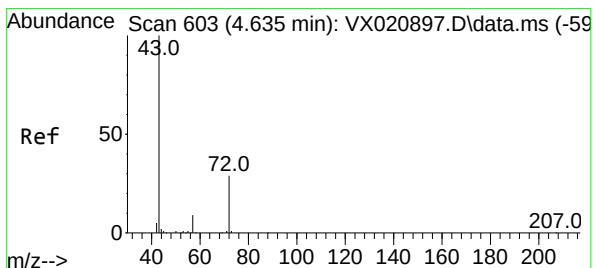
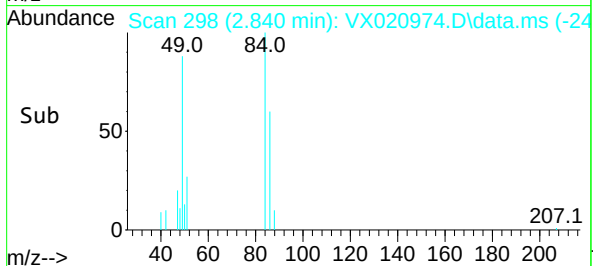
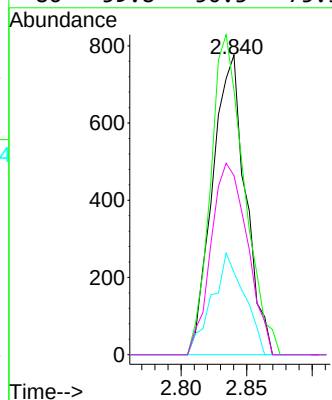
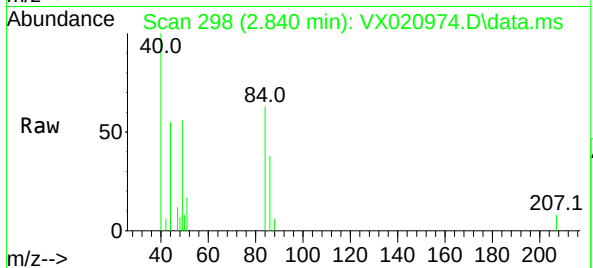
Ion Ratio Lower Upper

84 100

49 88.3 88.6 132.8#

51 27.4 27.0 40.6

86 59.8 50.3 75.5



#25

2-Butanone

Concen: 0.37 ug/l

RT: 4.640 min Scan# 604

Delta R.T. 0.006 min

Lab File: VX020974.D

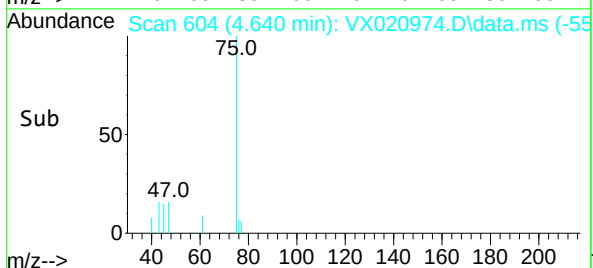
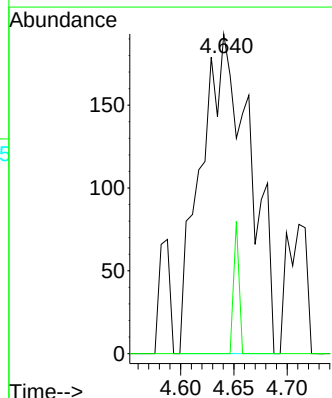
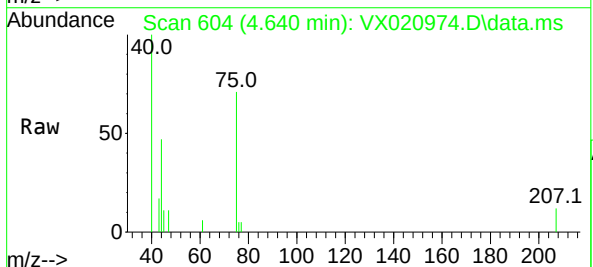
Acq: 02 Mar 2021 19:05

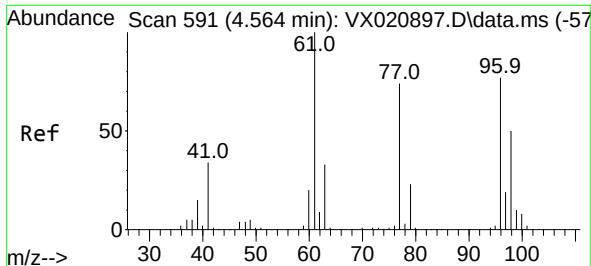
Tgt Ion: 43 Resp: 624

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.24 ug/l

RT: 4.564 min Scan# 591

Delta R.T. -0.000 min

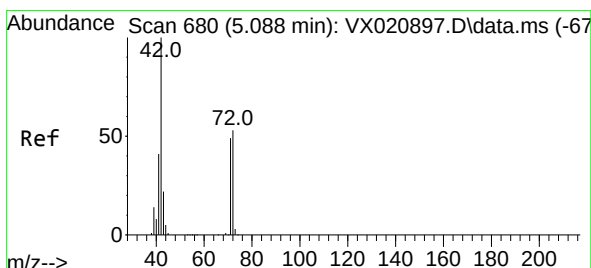
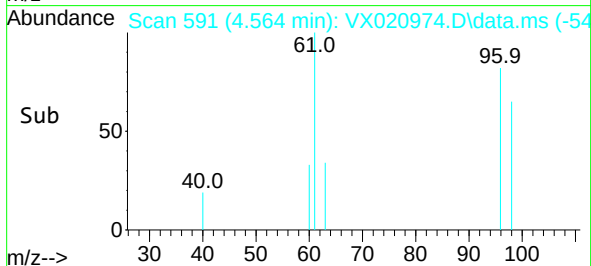
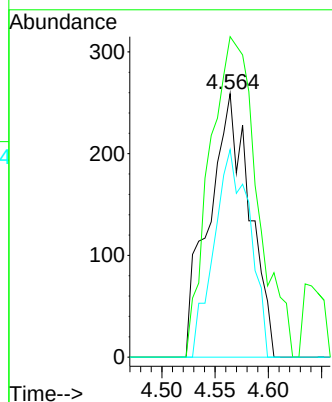
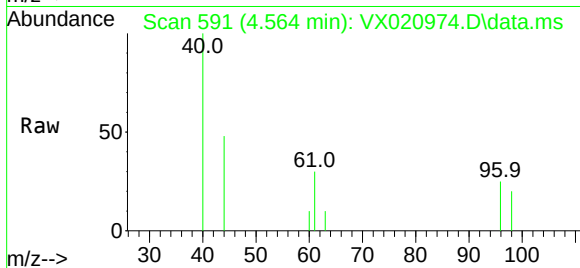
Lab File: VX020974.D

Acq: 02 Mar 2021 19:05

Tgt Ion: 96 Resp: 688

Ion	Ratio	Lower	Upper
96	100		
61	142.3	0.0	285.6
98	69.3	0.0	129.6

Instrument :
MSVOA_X
ClientSampleId :



#29

Tetrahydrofuran

Concen: 0.24 ug/l

RT: 5.105 min Scan# 683

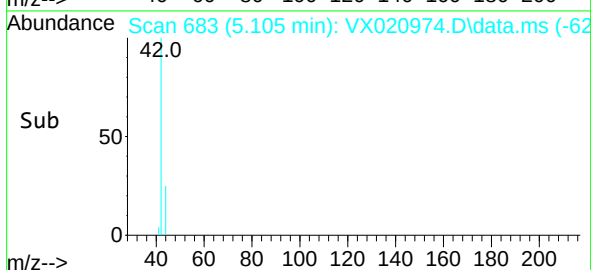
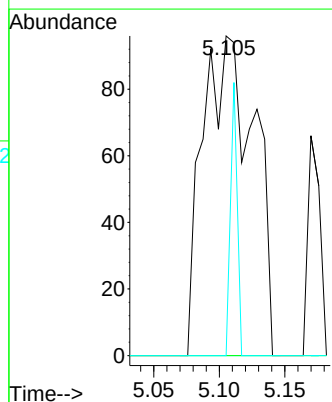
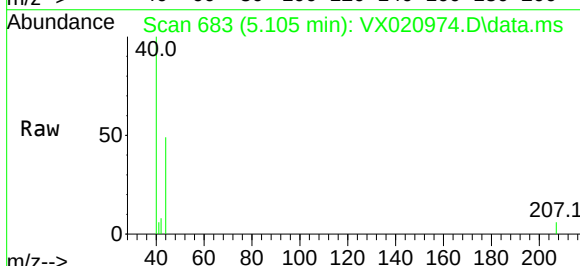
Delta R.T. 0.017 min

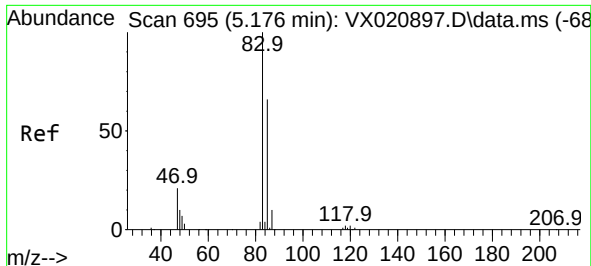
Lab File: VX020974.D

Acq: 02 Mar 2021 19:05

Tgt Ion: 42 Resp: 261

Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	11.1	38.4	57.6#

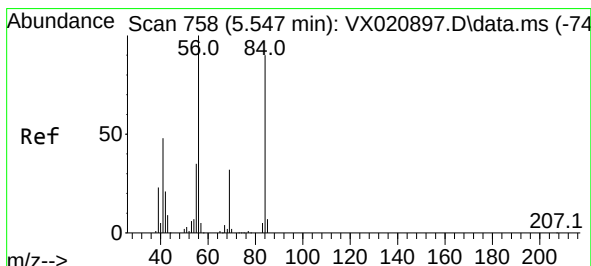
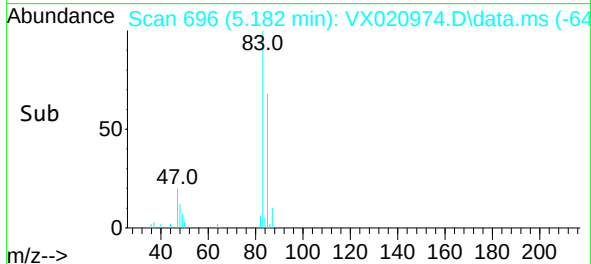
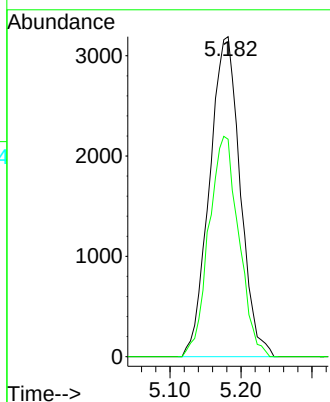
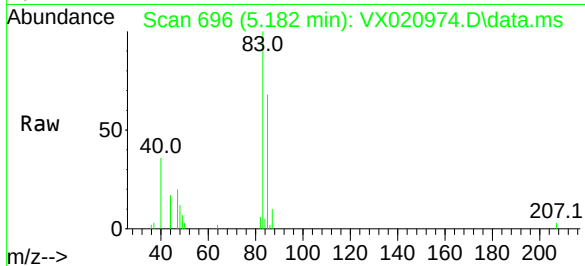




#30
Chloroform
Concen: 2.17 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

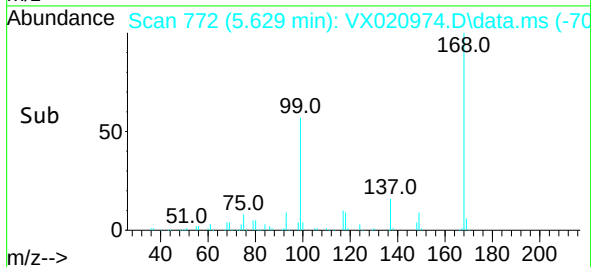
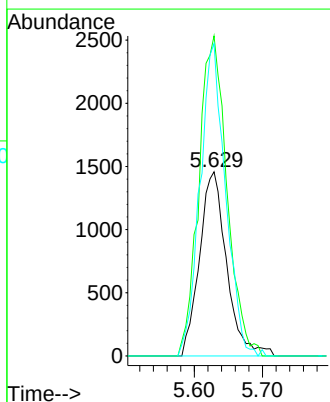
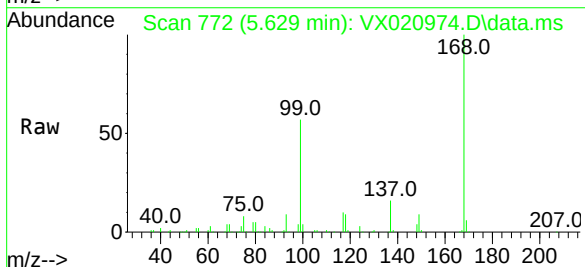
Instrument :
MSVOA_X
ClientSampled :

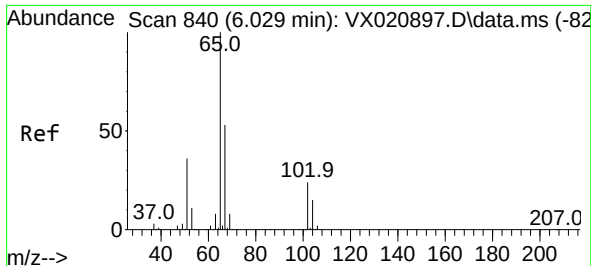
Tgt Ion: 83 Resp: 9562
Ion Ratio Lower Upper
83 100
85 68.0 52.0 78.0



#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 56 Resp: 4037
Ion Ratio Lower Upper
56 100
69 173.7 25.3 37.9#
84 169.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 47.72 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX020974.D

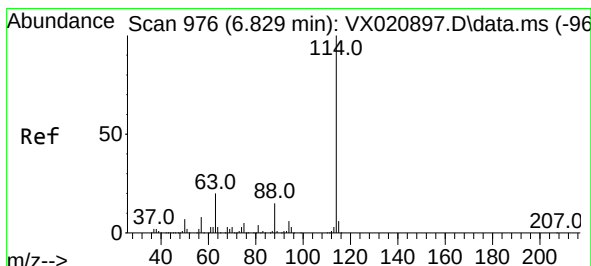
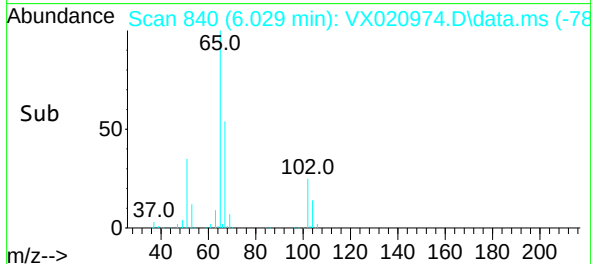
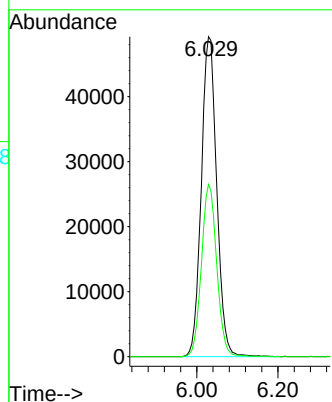
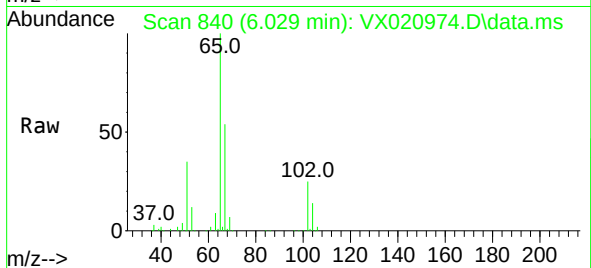
Acq: 02 Mar 2021 19:05

Tgt Ion: 65 Resp: 129978

Ion Ratio Lower Upper

65 100

67 53.2 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: VX020974.D

Acq: 02 Mar 2021 19:05

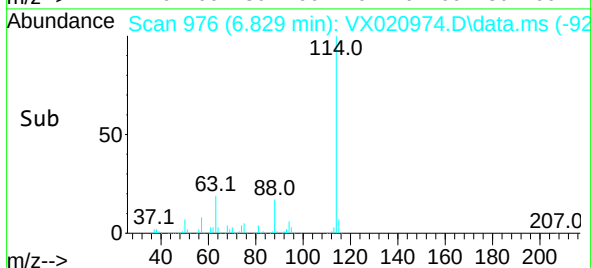
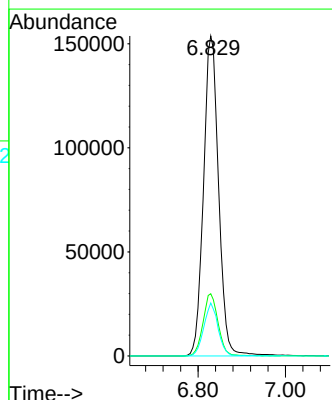
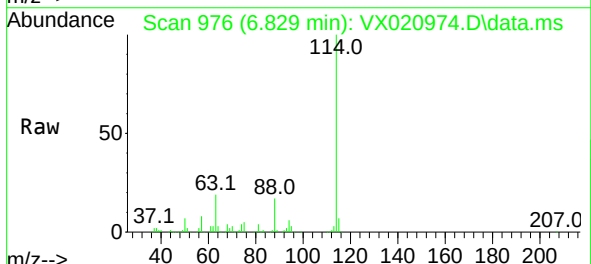
Tgt Ion: 114 Resp: 370099

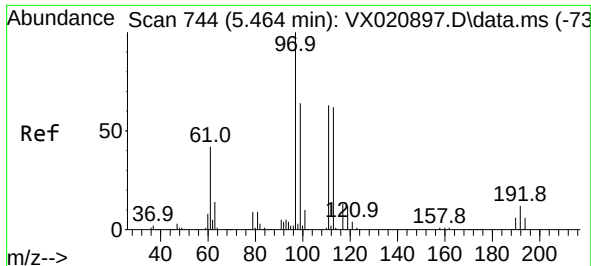
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 16.6 0.0 32.8

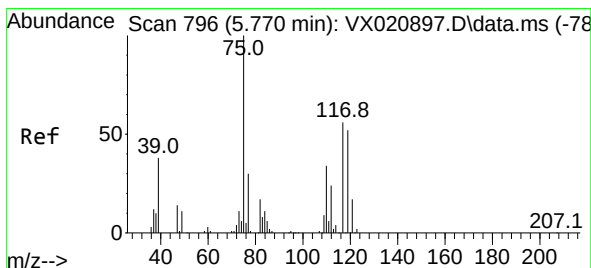
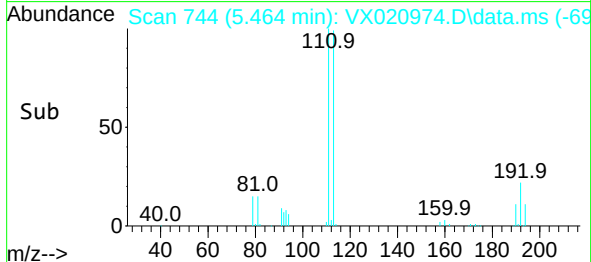
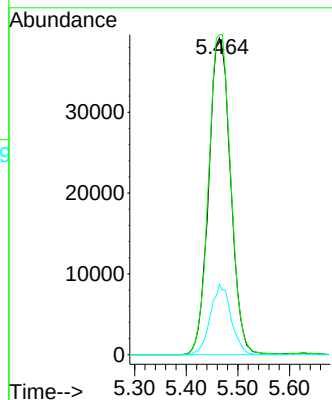
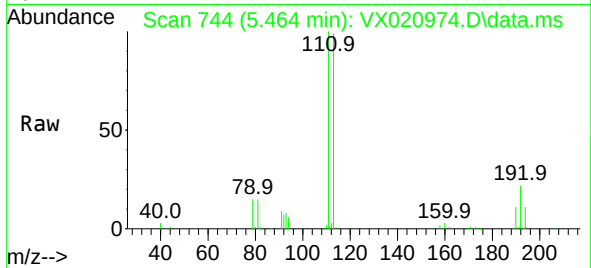




#35
Dibromofluoromethane
Concen: 51.31 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

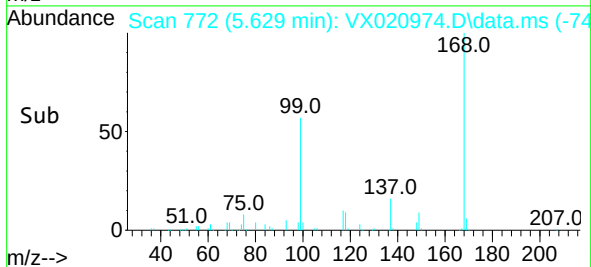
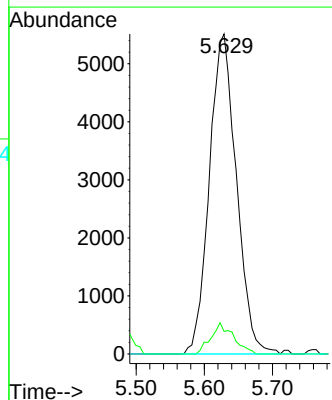
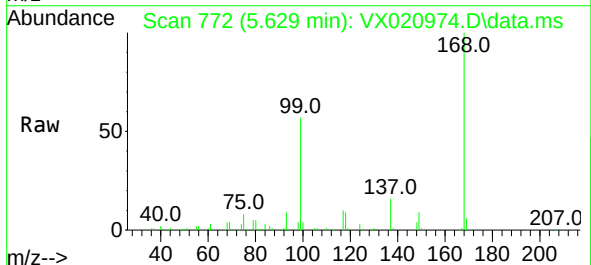
Instrument :
MSVOA_X
ClientSampleId :

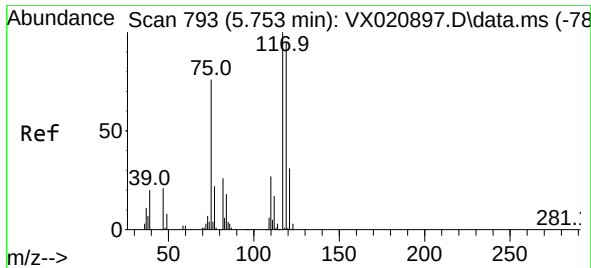
Tgt Ion:113 Resp: 115387
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

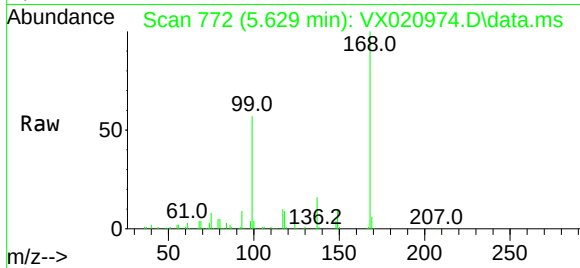
Tgt Ion: 75 Resp: 15229
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



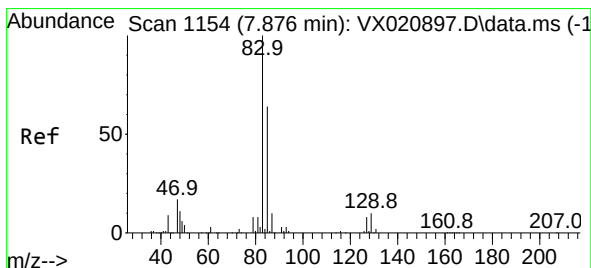
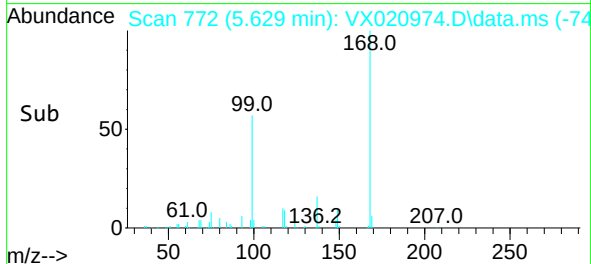
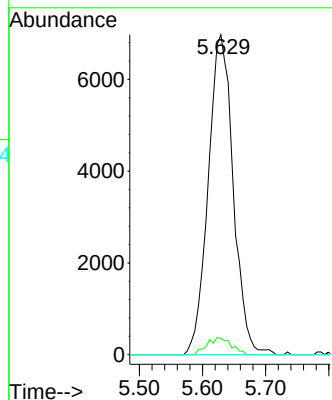


#38
Carbon Tetrachloride
Concen: 5.63 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.124 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Instrument :
MSVOA_X
ClientSampled :

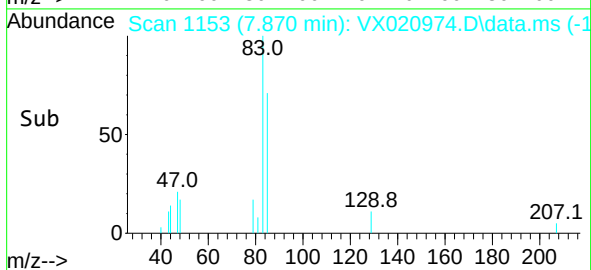
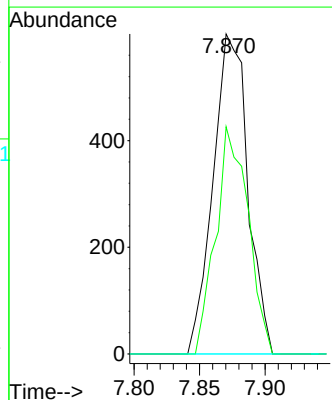
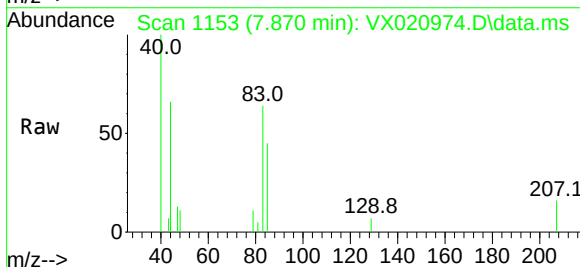


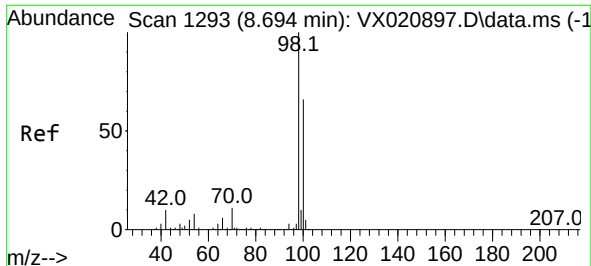
Tgt Ion: 117 Resp: 19203
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#47
Bromodichloromethane
Concen: 0.30 ug/l
RT: 7.870 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 83 Resp: 1106
Ion Ratio Lower Upper
83 100
85 71.0 51.4 77.0
127 0.0 6.8 10.2#

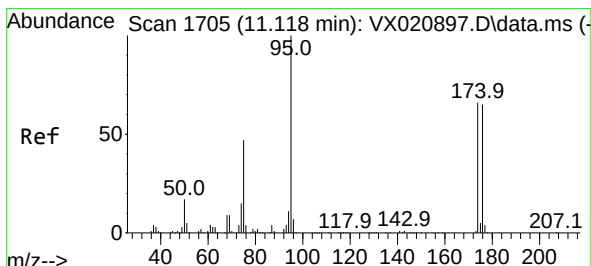
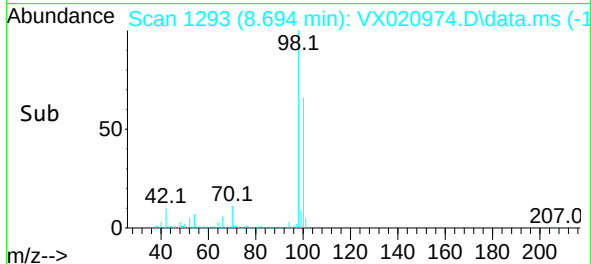
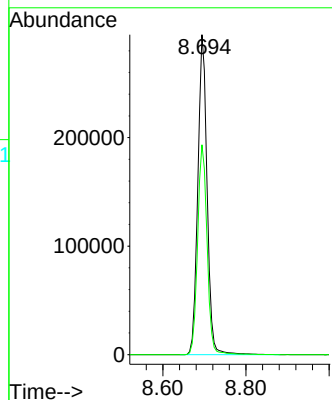
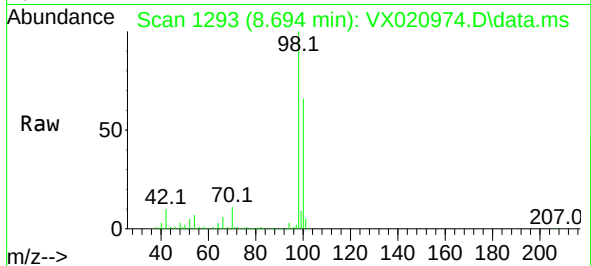




#50
Toluene-d8
Concen: 52.10 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

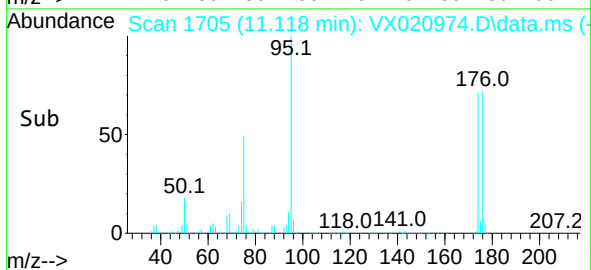
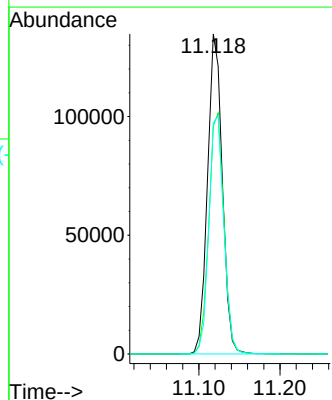
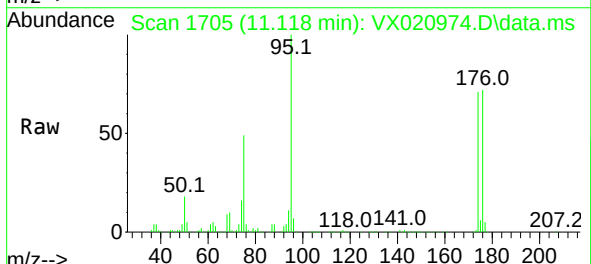
Instrument :
MSVOA_X
ClientSampleId :

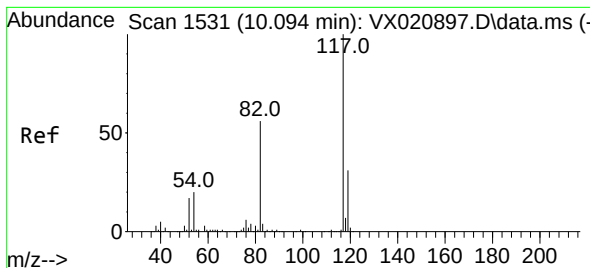
Tgt Ion: 98 Resp: 456763
Ion Ratio Lower Upper
98 100
100 67.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.44 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 95 Resp: 170012
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 75.3 0.0 155.8

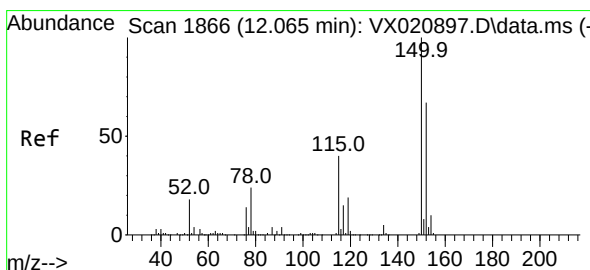
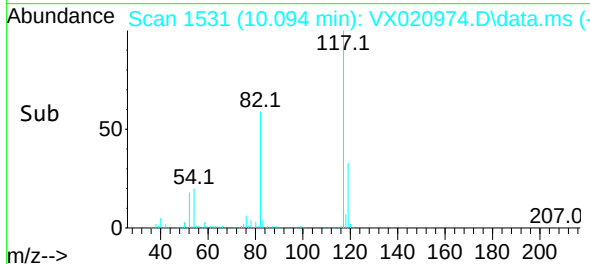
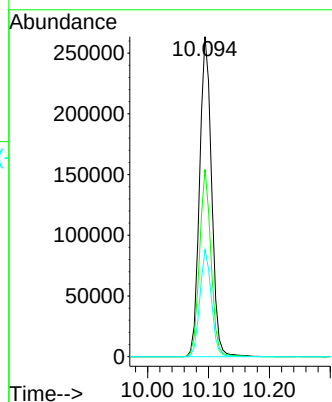
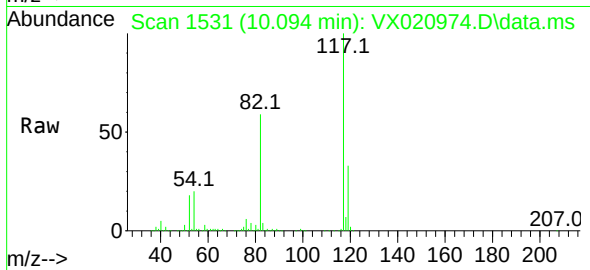




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

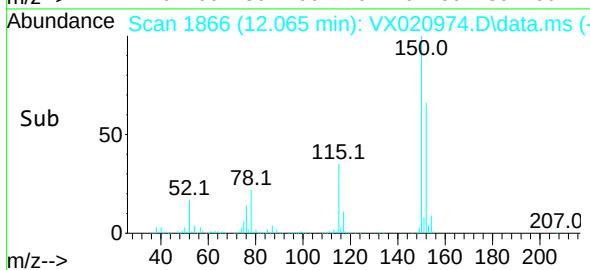
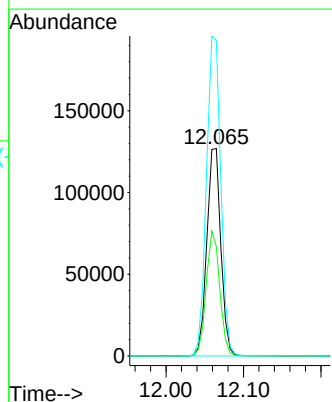
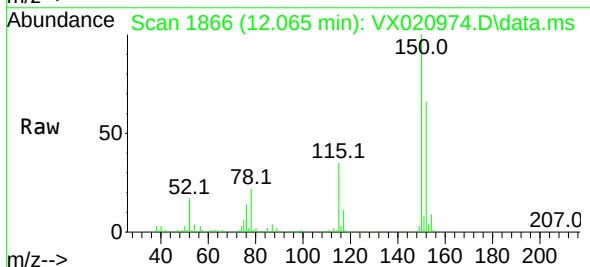
Instrument :
MSVOA_X
ClientSampleId :

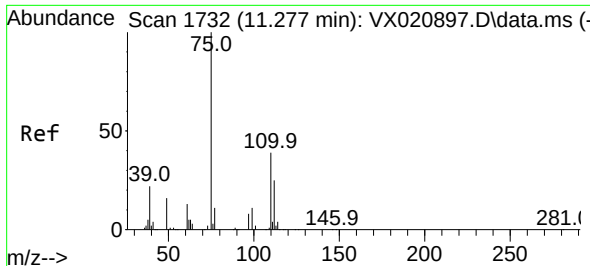
Tgt Ion:117 Resp: 361438
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.065 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion:152 Resp: 159530
Ion Ratio Lower Upper
152 100
115 58.0 41.1 123.3
150 157.7 0.0 349.0

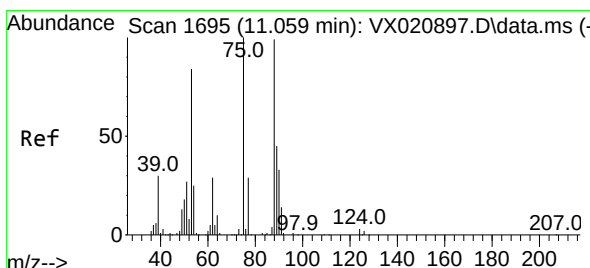
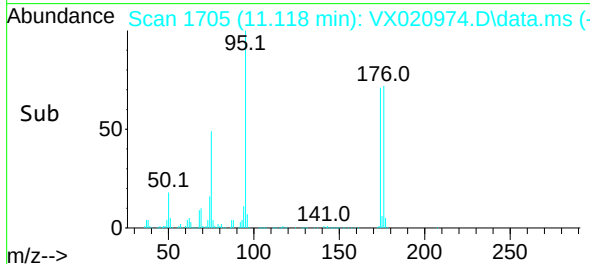
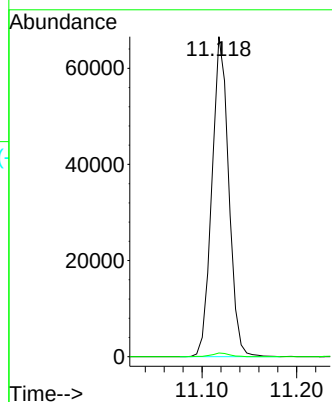
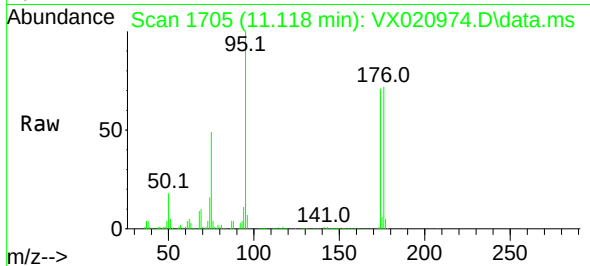




#76
1,2,3-Trichloropropane
Concen: 23.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 81989
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.89 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX020974.D
Acq: 02 Mar 2021 19:05

Tgt Ion: 75 Resp: 81989
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

