

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021371.D
 Acq On : 22 Mar 2021 20:11
 Operator : JC/MD
 Sample : M1712-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:04:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

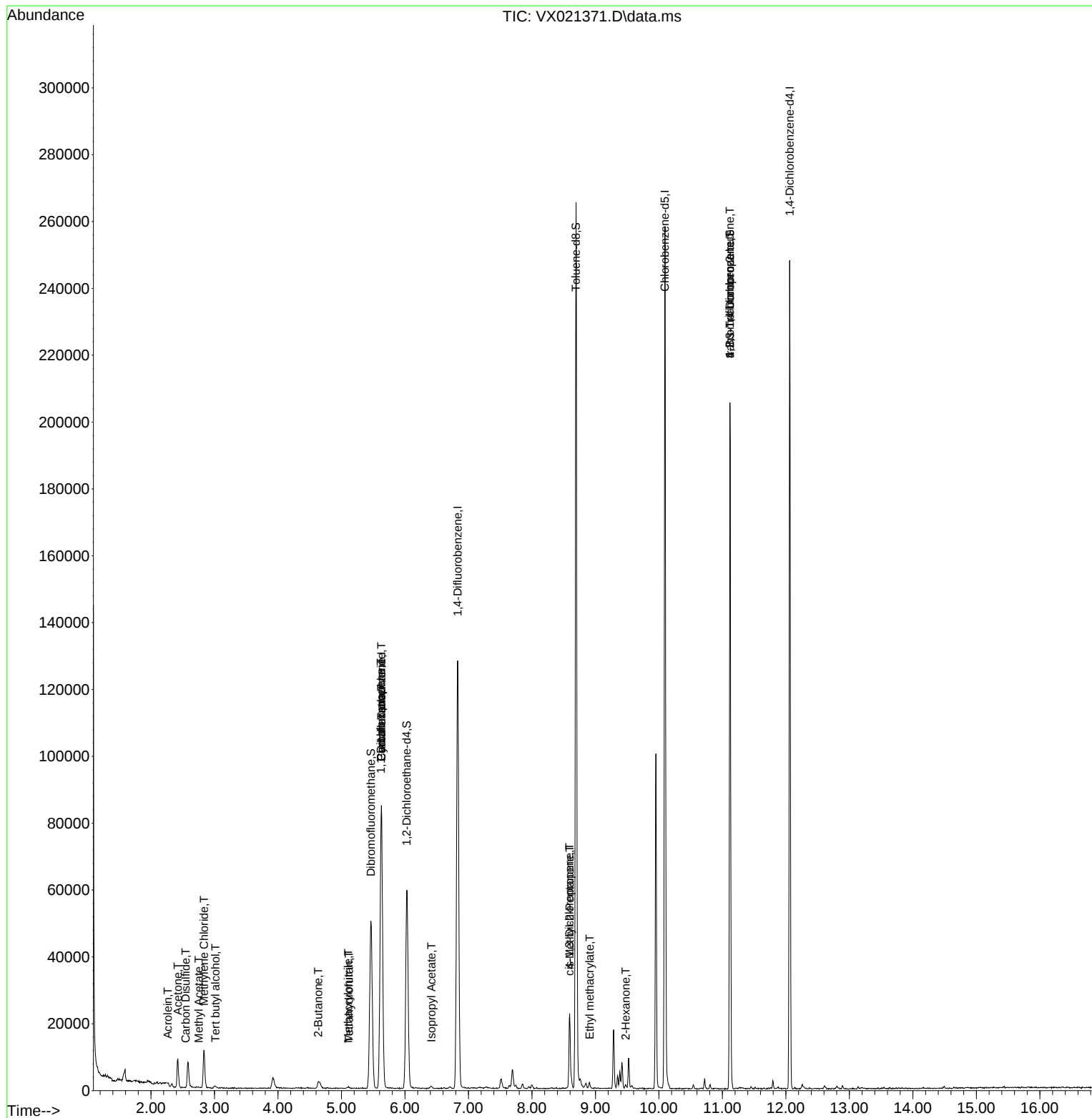
Internal Standards						
1) Pentafluorobenzene	5.629	168	72058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	119489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	58999	49.92	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.84%
35) Dibromofluoromethane	5.464	113	41636	51.21	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.42%
50) Toluene-d8	8.694	98	147300	49.93	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.86%
62) 4-Bromofluorobenzene	11.118	95	51842	45.25	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.50%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	835	Below Cal		96
11) Tert butyl alcohol	3.017	59	586	2.95 ug/l #		73
13) Acrolein	2.264	56	18	3.27 ug/l #		1
16) Acetone	2.423	43	9096	20.92 ug/l #		86
17) Carbon Disulfide	2.546	76	41	0.55 ug/l #		75
18) Methyl Acetate	2.752	43	538	0.45 ug/l #		47
20) Methylene Chloride	2.835	84	4772	5.34 ug/l #		85
25) 2-Butanone	4.635	43	3308	4.95 ug/l		100
29) Tetrahydrofuran	5.117	42	286	0.65 ug/l #		27
31) Cyclohexane	5.629	56	2099	1.47 ug/l #		22
36) 1,1-Dichloropropene	5.623	75	6699	5.56 ug/l #		48
38) Carbon Tetrachloride	5.629	117	8225	6.58 ug/l #		17
41) Methacrylonitrile	5.105	41	239	0.30 ug/l #		42
43) Isopropyl Acetate	6.417	43	859	0.38 ug/l #		64
51) 4-Methyl-2-Pentanone	8.594	43	9432	7.09 ug/l #		32
54) cis-1,3-Dichloropropene	8.588	75	3111	2.10 ug/l #		73
56) Ethyl methacrylate	8.912	69	883	0.65 ug/l #		71
59) 2-Hexanone	9.477	43	712	0.71 ug/l		73
76) 1,2,3-Trichloropropane	11.118	75	29861	29.04 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	29861	78.85 ug/l #		12

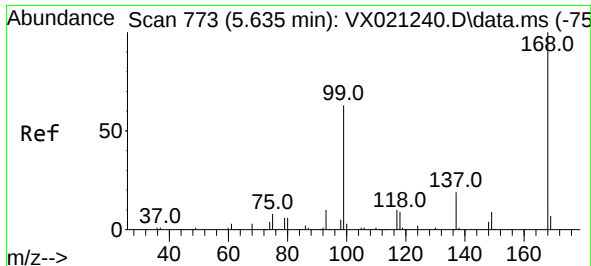
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
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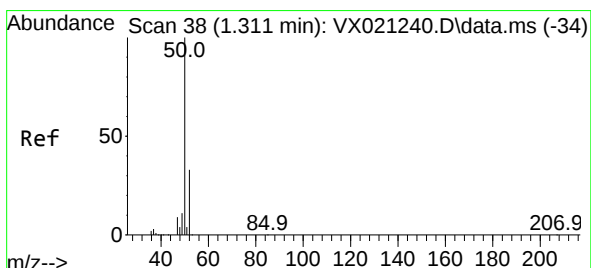
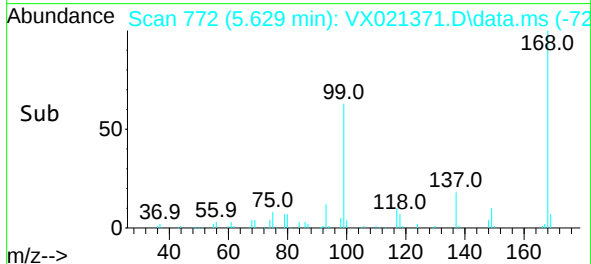
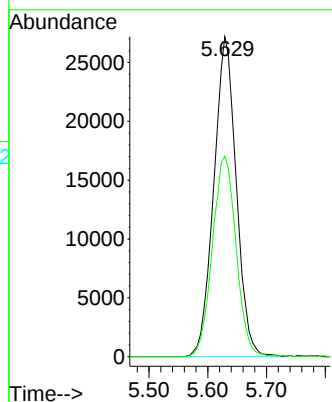
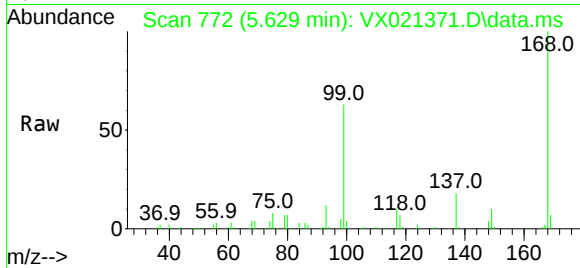




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

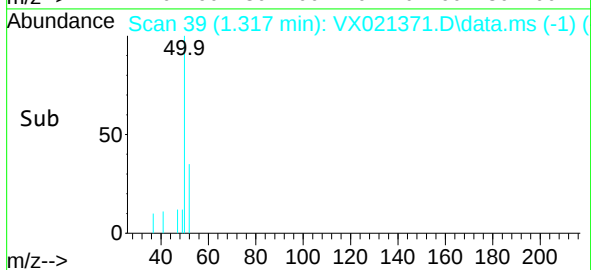
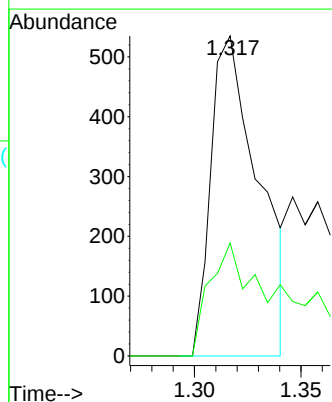
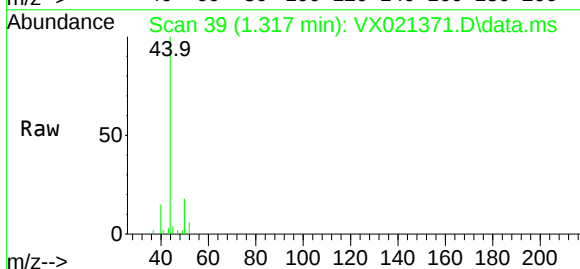
Instrument :
MSVOA_X
ClientSampleId :

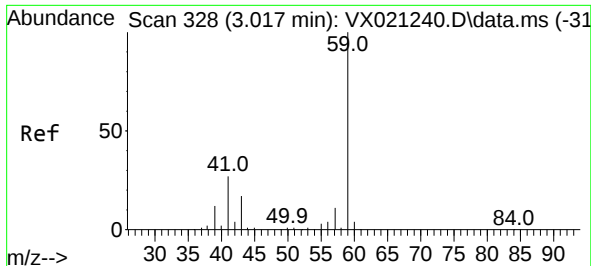
Tgt Ion:168 Resp: 72058
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion: 50 Resp: 835
Ion Ratio Lower Upper
50 100
52 35.3 26.4 39.6

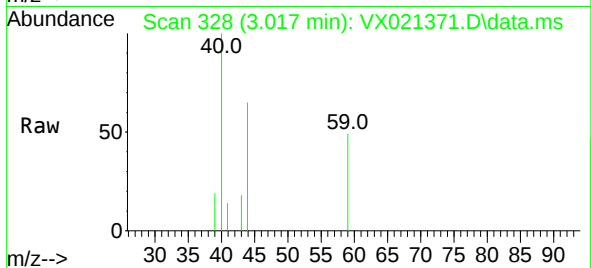




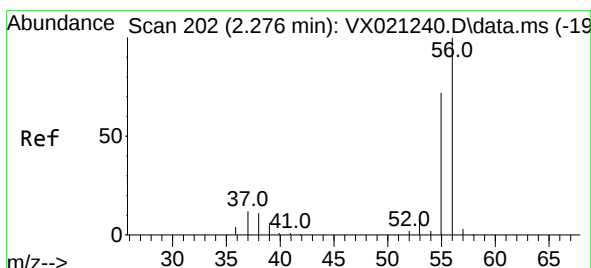
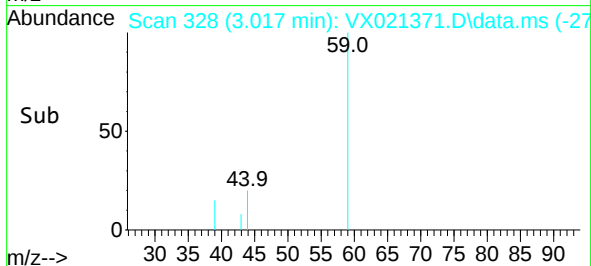
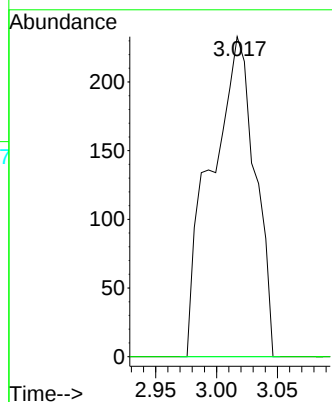
#11

Tert butyl alcohol
Concen: 2.95 ug/l
RT: 3.017 min Scan# 328
Delta R.T. -0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Instrument :
MSVOA_X
ClientSampled :



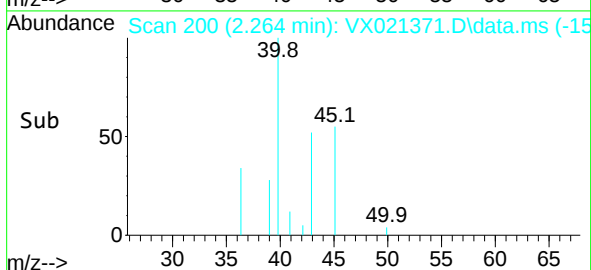
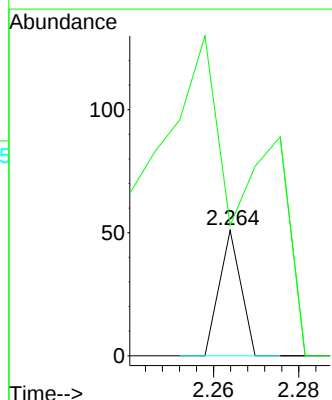
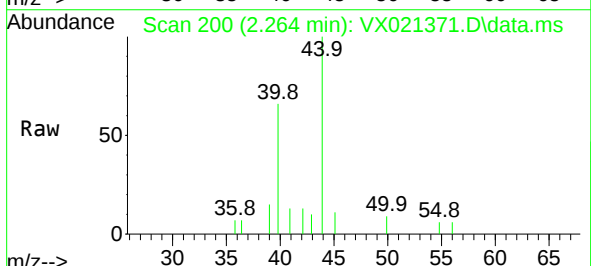
Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

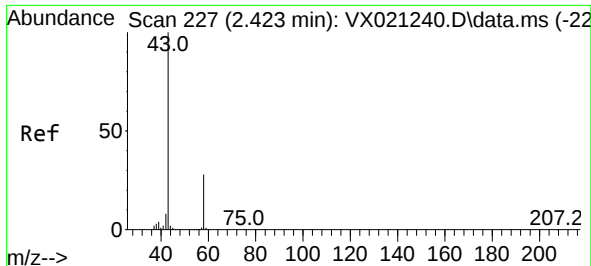


#13

Acrolein
Concen: 3.27 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

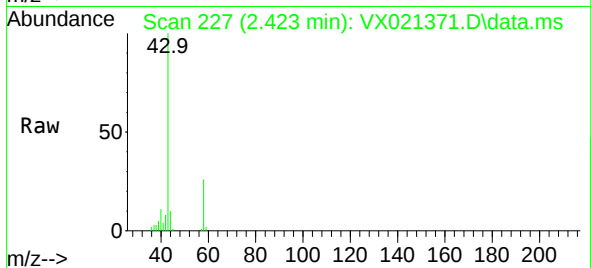
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 1577.8 56.4 84.6#



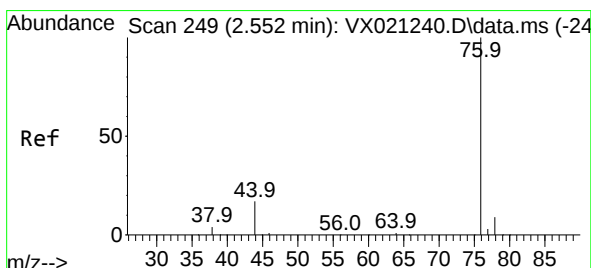
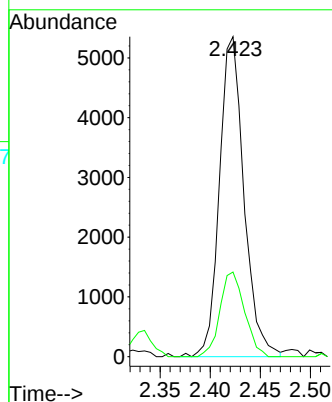
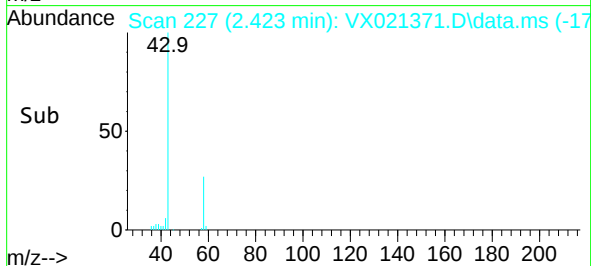


#16
Acetone
Concen: 20.92 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

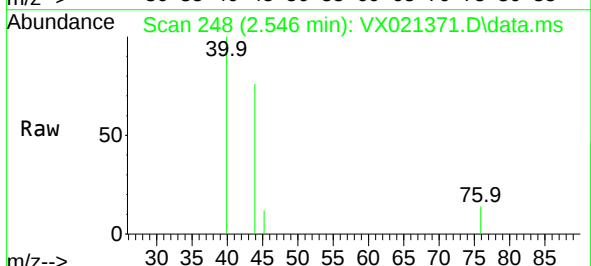
Instrument :
MSVOA_X
ClientSampleId :



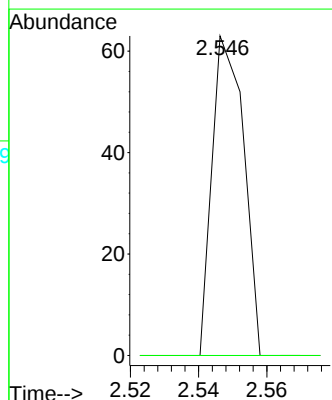
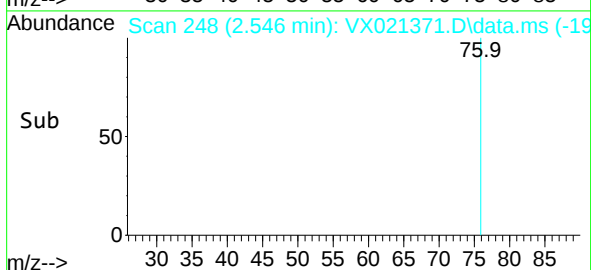
Tgt Ion: 43 Resp: 9096
Ion Ratio Lower Upper
43 100
58 26.4 27.8 41.8#

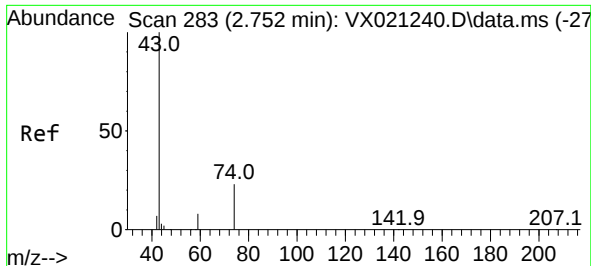


#17
Carbon Disulfide
Concen: 0.55 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11



Tgt Ion: 76 Resp: 41
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

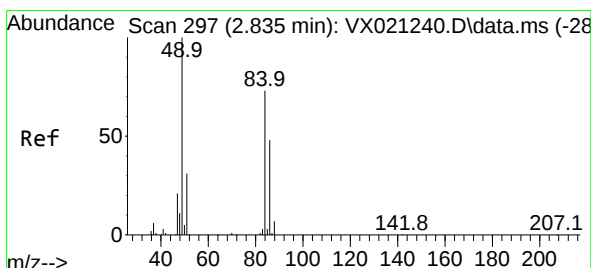
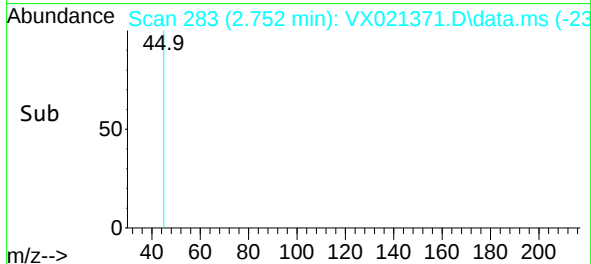
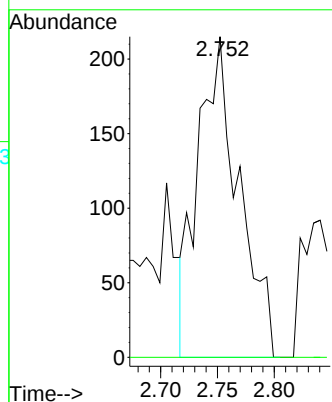
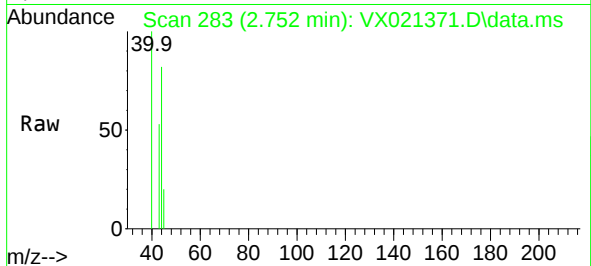




#18
Methyl Acetate
Concen: 0.45 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

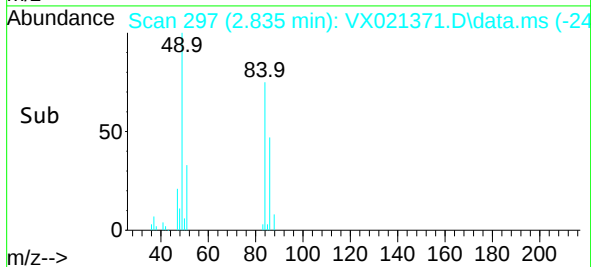
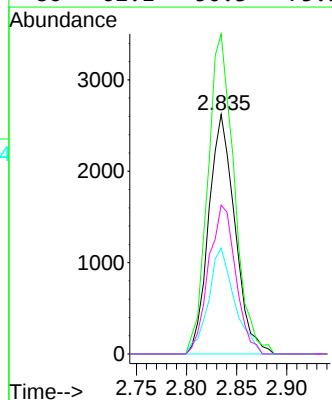
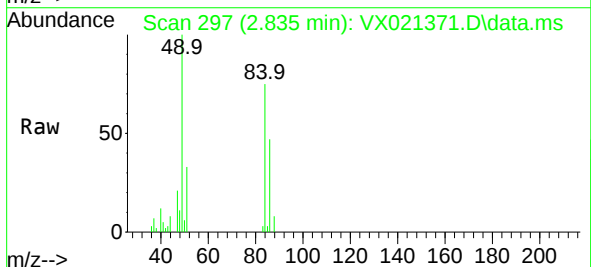
Instrument :
MSVOA_X
ClientSampled :

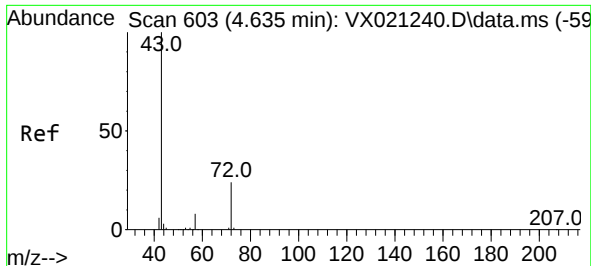
Tgt Ion: 43 Resp: 538
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 5.34 ug/l
RT: 2.835 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion: 84 Resp: 4772
Ion Ratio Lower Upper
84 100
49 133.6 88.6 132.8#
51 44.2 27.0 40.6#
86 62.1 50.3 75.5

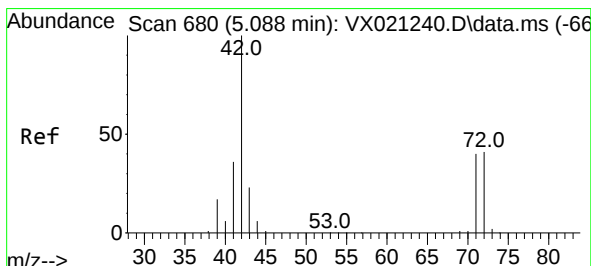
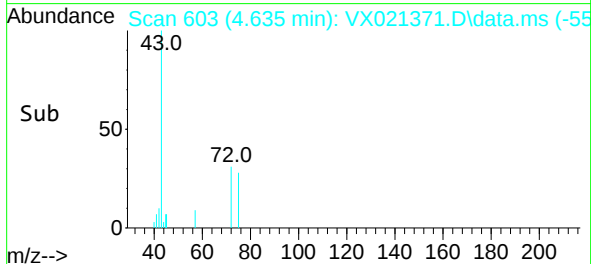
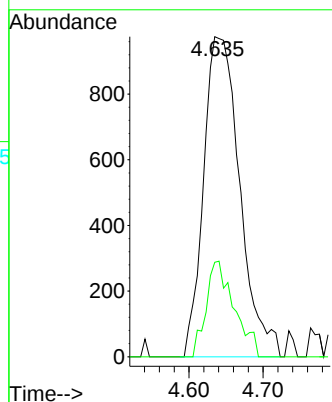
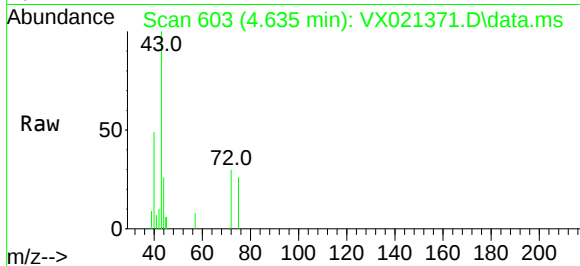




#25
2-Butanone
Concen: 4.95 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

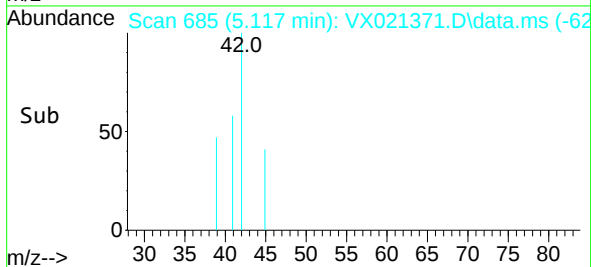
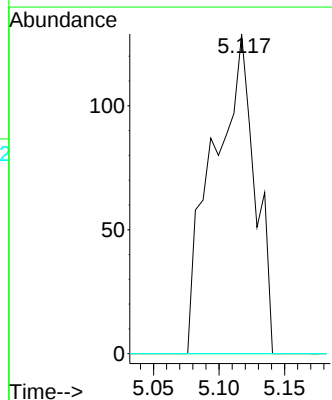
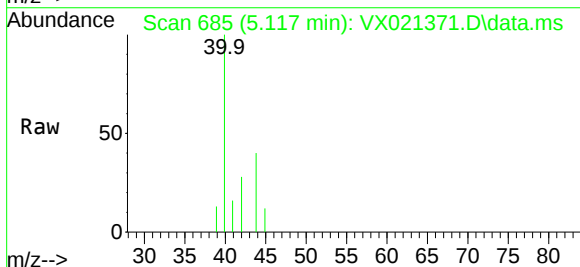
Instrument :
MSVOA_X
ClientSampled :

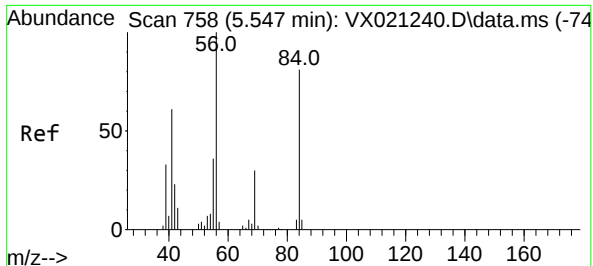
Tgt Ion: 43 Resp: 3308
Ion Ratio Lower Upper
43 100
72 29.5 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.65 ug/l
RT: 5.117 min Scan# 685
Delta R.T. 0.029 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

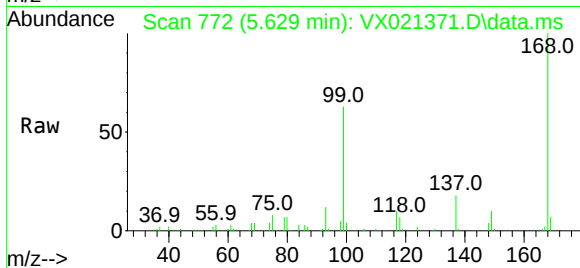
Tgt Ion: 42 Resp: 286
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



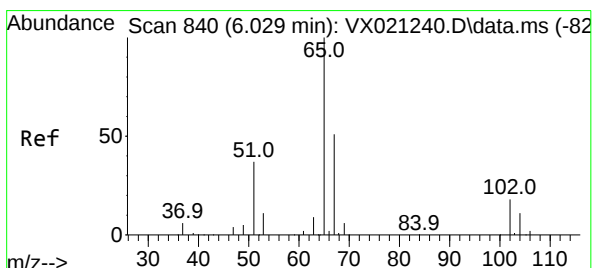
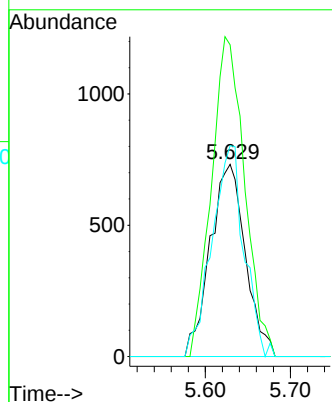
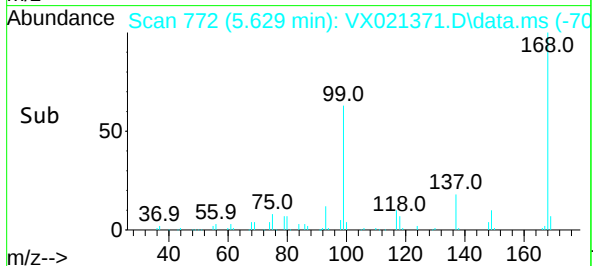


#31
Cyclohexane
Concen: 1.47 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

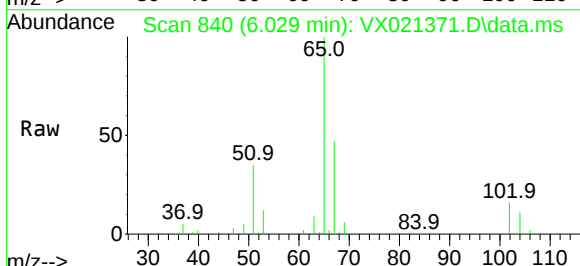
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ClientSampleId :



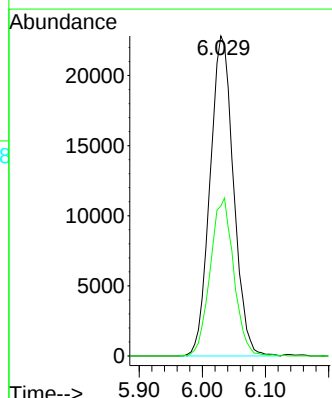
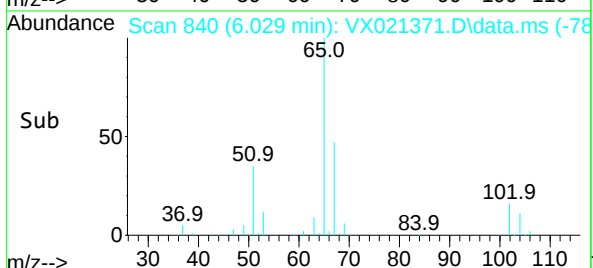
Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 162.2 25.3 37.9#
84 109.7 71.4 107.0#

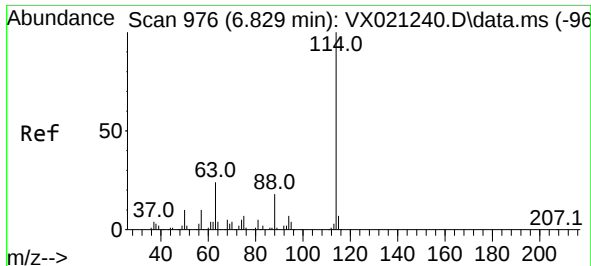


#33
1,2-Dichloroethane-d4
Concen: 49.92 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11



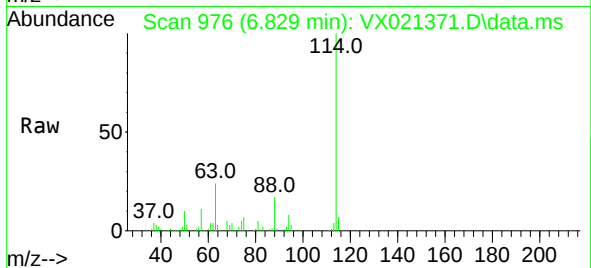
Tgt Ion: 65 Resp: 58999
Ion Ratio Lower Upper
65 100
67 49.3 0.0 105.4



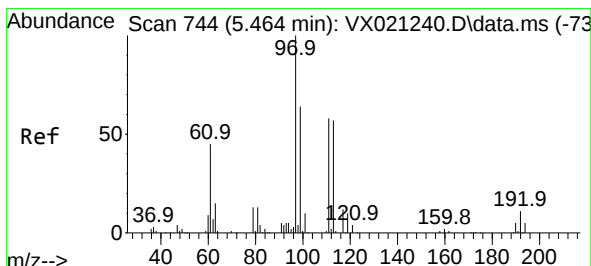
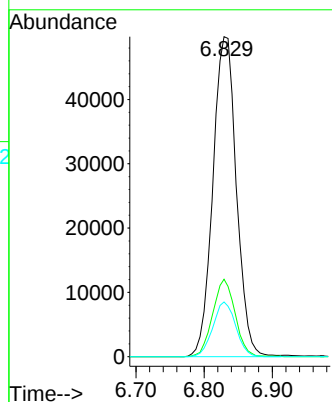
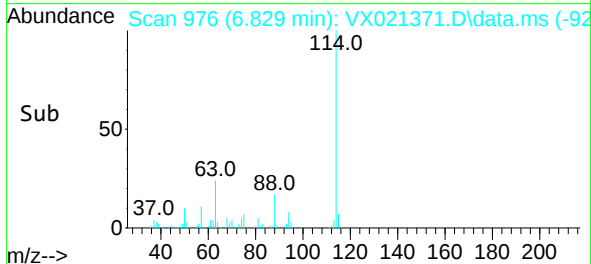


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

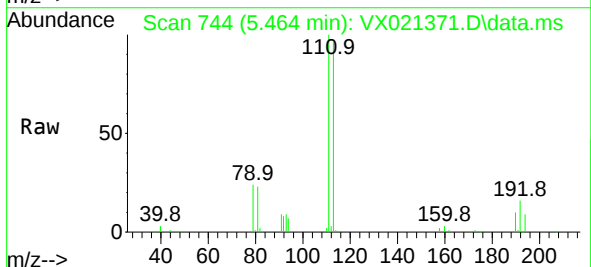
Instrument :
MSVOA_X
ClientSampleId :



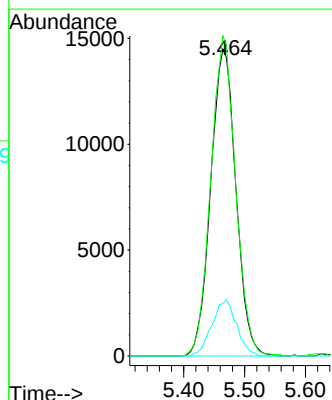
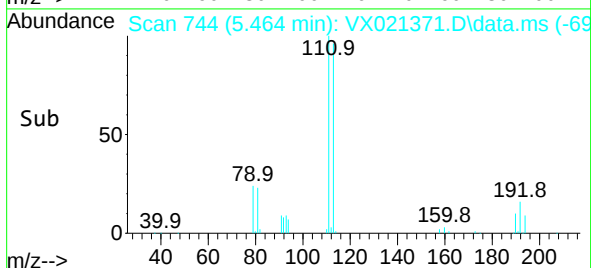
Tgt Ion:114 Resp: 119489
Ion Ratio Lower Upper
114 100
63 24.2 0.0 40.8
88 17.1 0.0 32.8

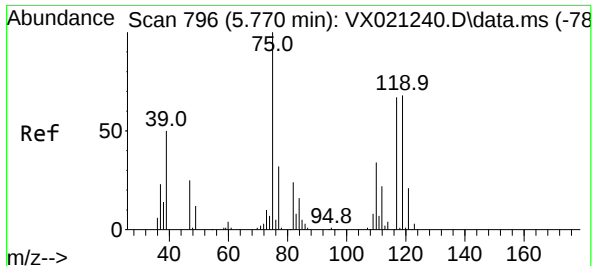


#35
Dibromofluoromethane
Concen: 51.21 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11



Tgt Ion:113 Resp: 41636
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 17.9 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.56 ug/l

RT: 5.623 min Scan# 771

Delta R.T. -0.147 min

Lab File: VX021371.D

Acq: 22 Mar 2021 20:11

Tgt Ion: 75 Resp: 6699

Ion Ratio Lower Upper

75 100

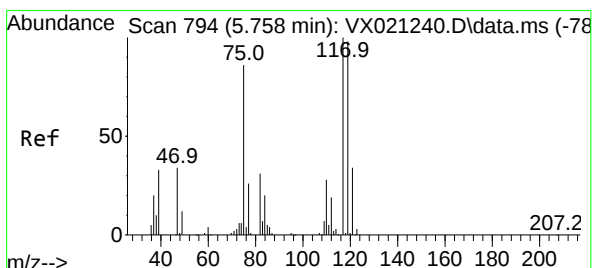
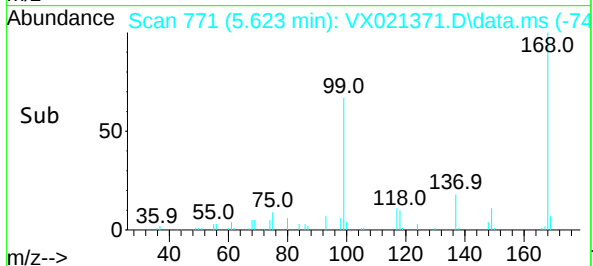
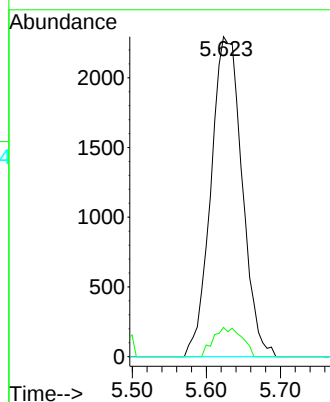
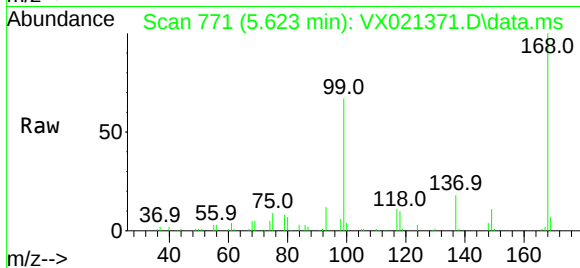
110 8.3 18.1 54.4#

77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.58 ug/l

RT: 5.629 min Scan# 772

Delta R.T. -0.129 min

Lab File: VX021371.D

Acq: 22 Mar 2021 20:11

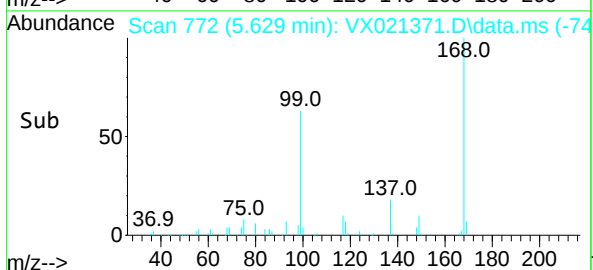
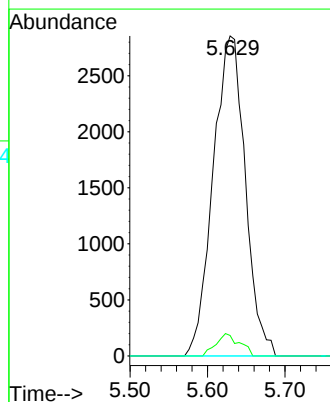
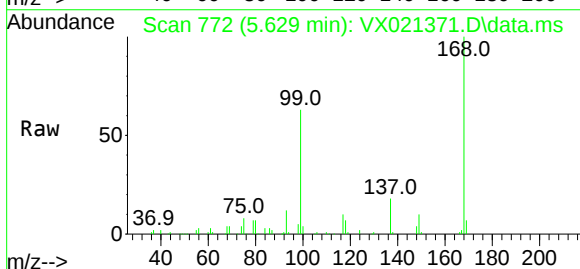
Tgt Ion: 117 Resp: 8225

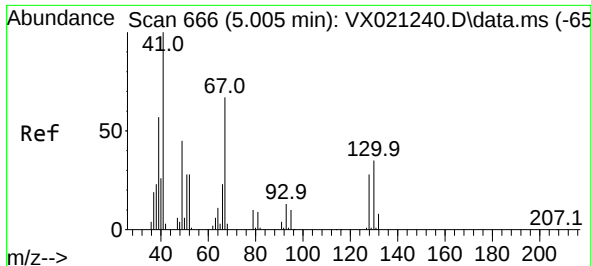
Ion Ratio Lower Upper

117 100

119 6.4 76.2 114.2#

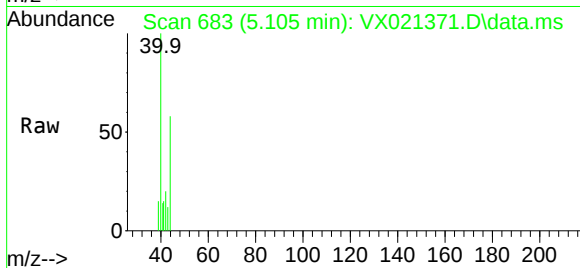
121 0.0 24.8 37.2#



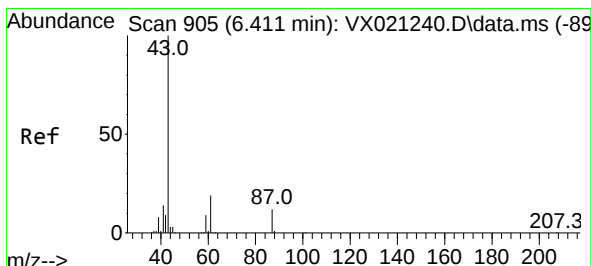
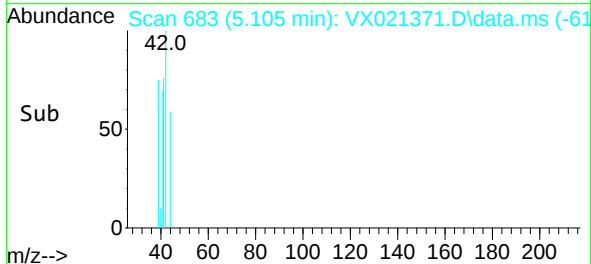
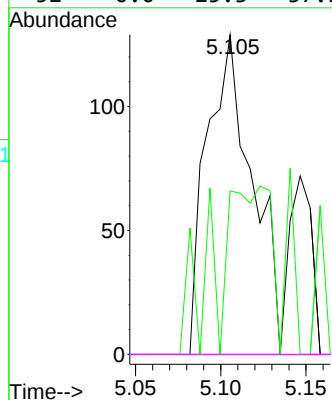


#41
Methacrylonitrile
Concen: 0.30 ug/l
RT: 5.105 min Scan# 683
Delta R.T. 0.100 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Instrument :
MSVOA_X
ClientSampleId :

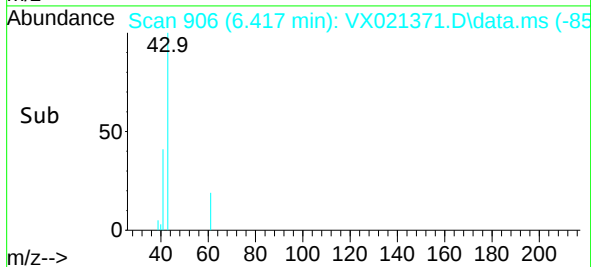
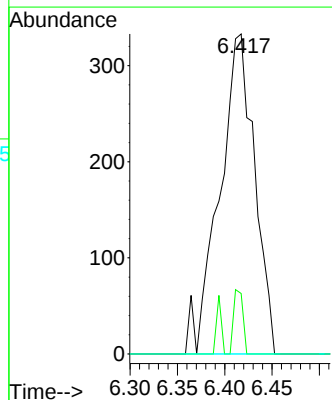
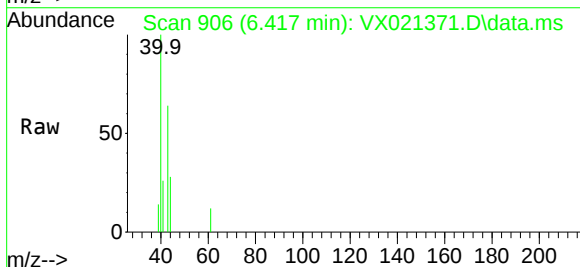


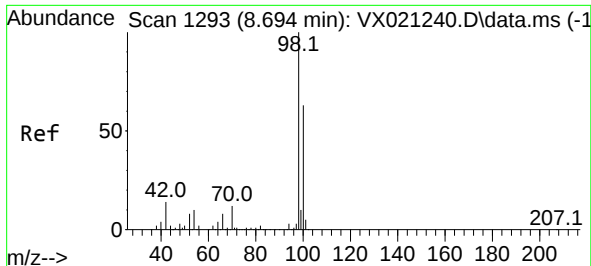
Tgt Ion:	41	Resp:	239
Ion	Ratio	Lower	Upper
41	100		
39	58.2	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 0.38 ug/l
RT: 6.417 min Scan# 906
Delta R.T. 0.006 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion:	43	Resp:	859
Ion	Ratio	Lower	Upper
43	100		
61	5.4	18.2	27.4#
87	0.0	12.5	18.7#

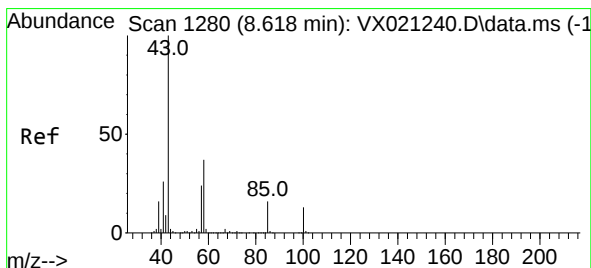
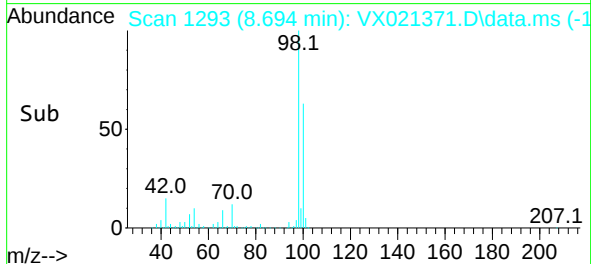
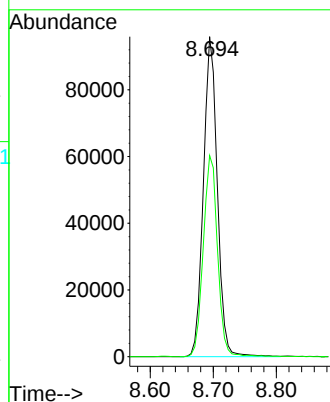
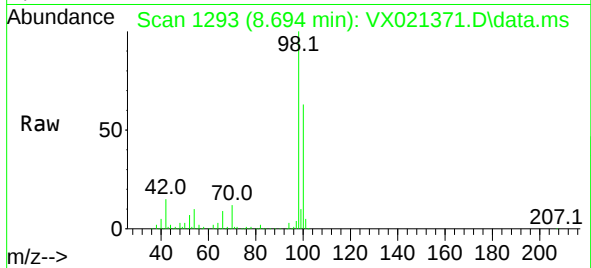




#50
Toluene-d8
Concen: 49.93 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

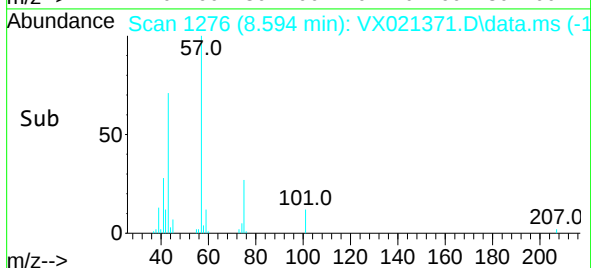
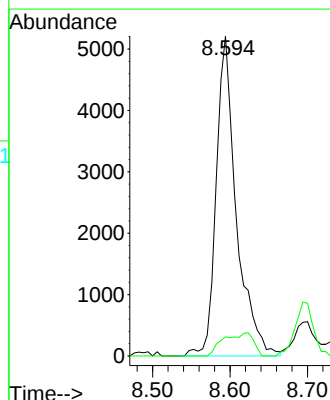
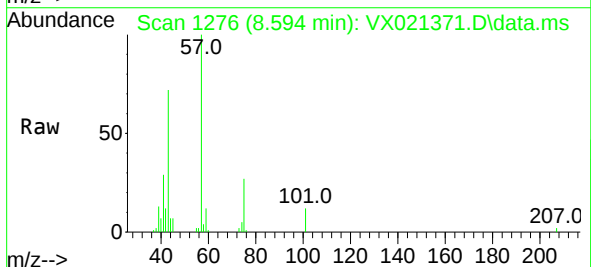
Instrument :
MSVOA_X
ClientSampled :

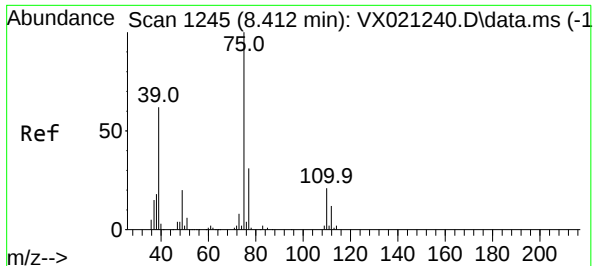
Tgt Ion: 98 Resp: 147300
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 7.09 ug/l
RT: 8.594 min Scan# 1276
Delta R.T. -0.024 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

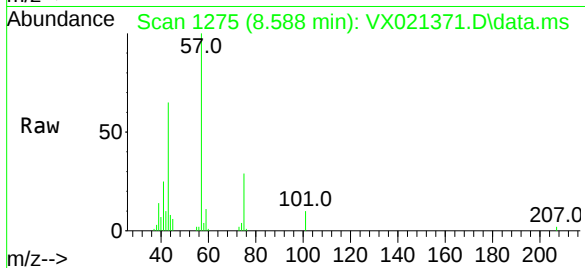
Tgt Ion: 43 Resp: 9432
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.0#



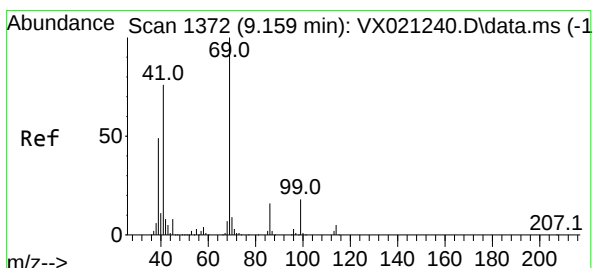
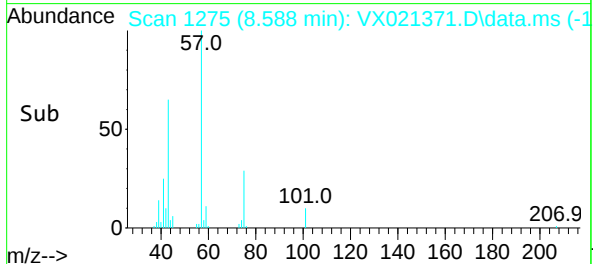
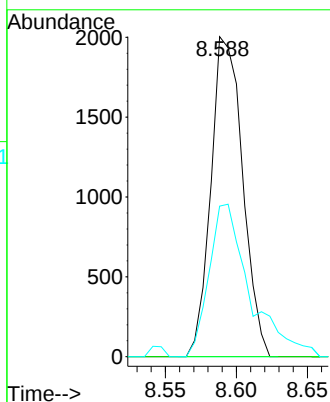


#54
cis-1,3-Dichloropropene
Concen: 2.10 ug/l
RT: 8.588 min Scan# 1275
Delta R.T. 0.176 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Instrument :
MSVOA_X
ClientSampled :

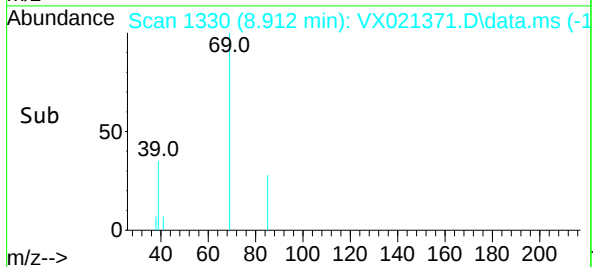
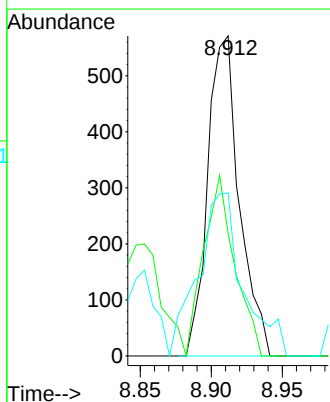
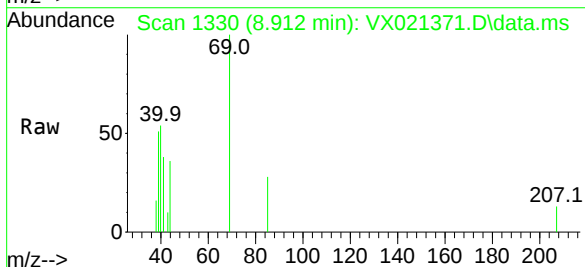


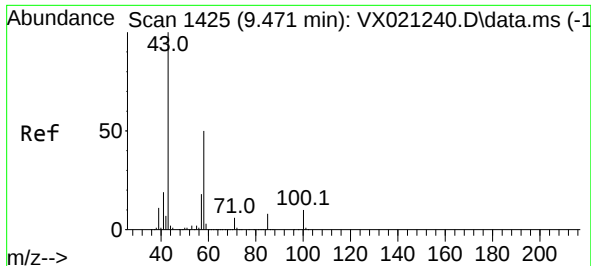
Tgt Ion: 75 Resp: 3111
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 47.1 35.1 52.7



#56
Ethyl methacrylate
Concen: 0.65 ug/l
RT: 8.912 min Scan# 1330
Delta R.T. -0.247 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion: 69 Resp: 883
Ion Ratio Lower Upper
69 100
41 55.5 46.8 70.2
39 72.4 24.7 37.1#

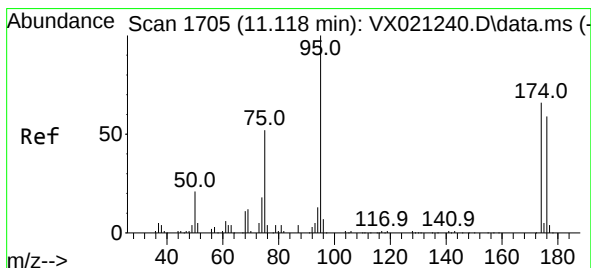
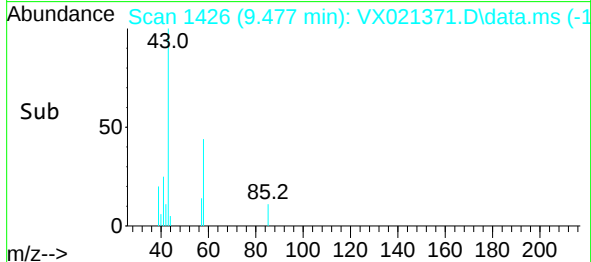
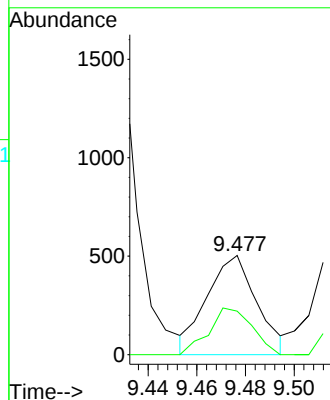
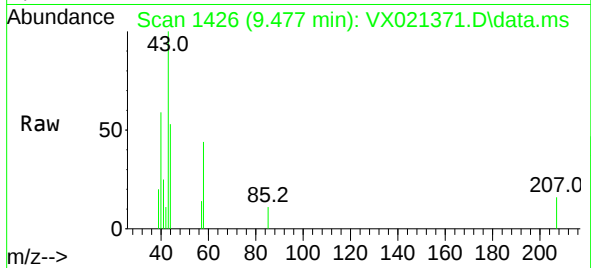




#59
2-Hexanone
Concen: 0.71 ug/l
RT: 9.477 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

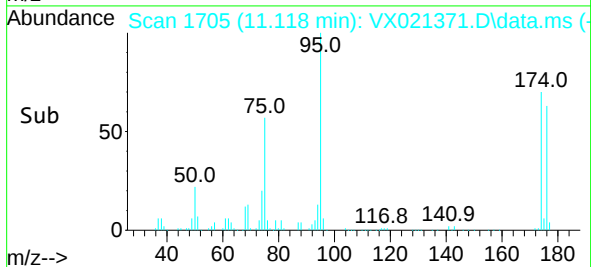
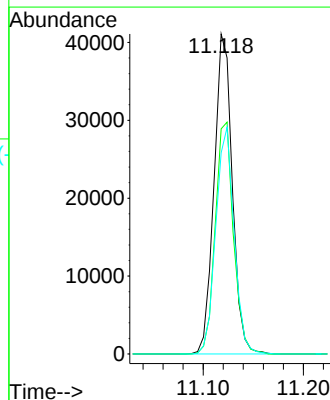
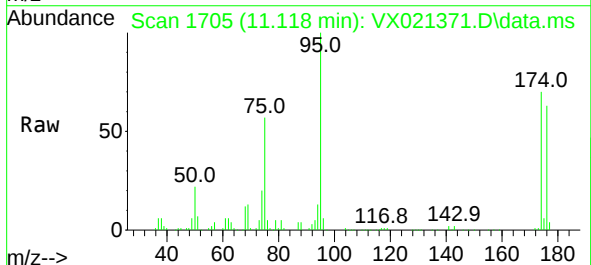
Instrument :
MSVOA_X
ClientSampled :

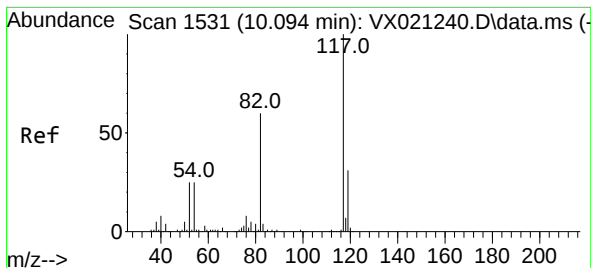
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 41.0 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 45.25 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion: 95 Resp: 51842
Ion Ratio Lower Upper
95 100
174 72.9 0.0 154.6
176 71.2 0.0 155.8

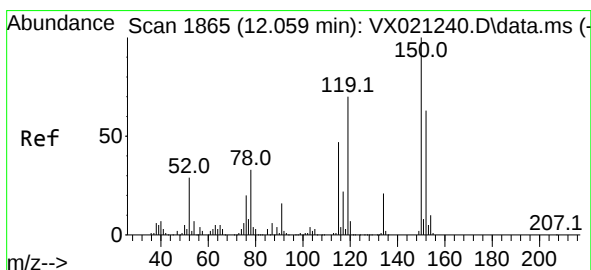
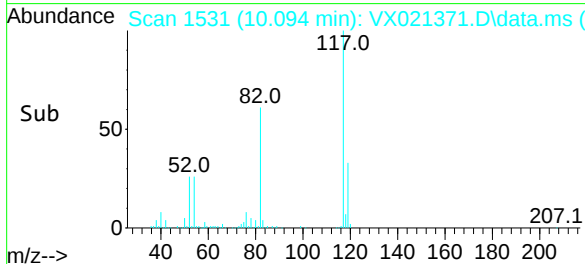
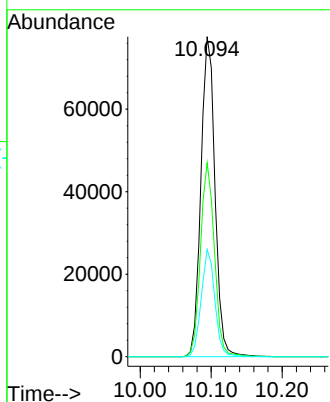
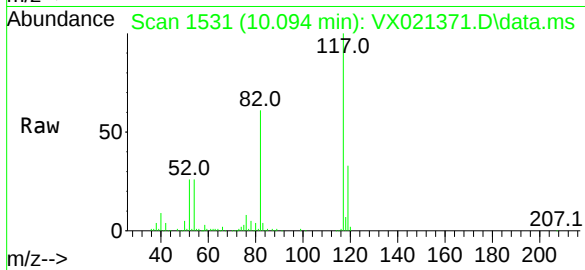




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

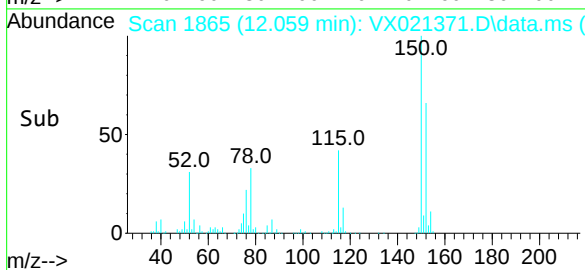
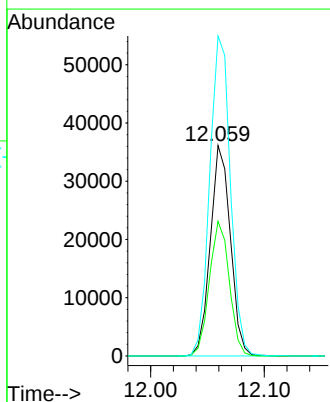
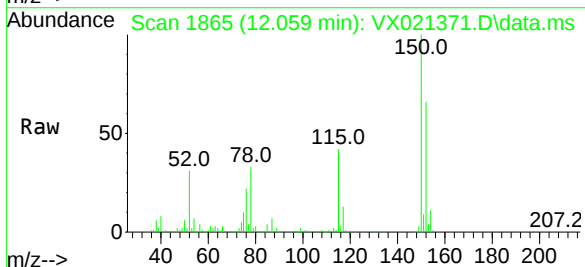
Instrument :
MSVOA_X
ClientSampled :

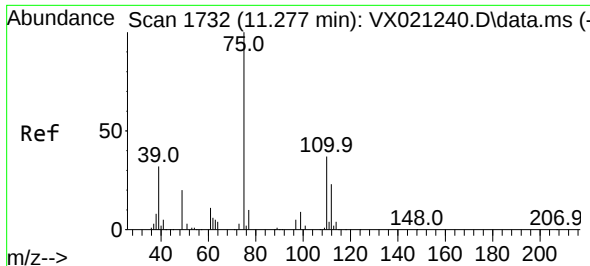
Tgt Ion:117 Resp: 107246
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion:152 Resp: 44321
Ion Ratio Lower Upper
152 100
115 63.5 41.1 123.3
150 156.7 0.0 349.0

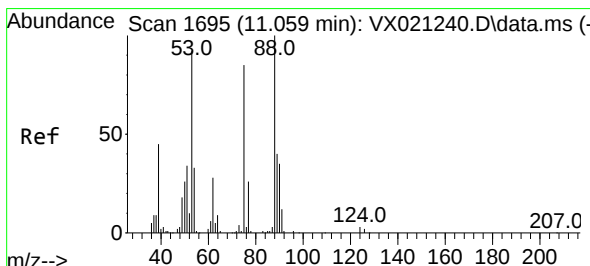
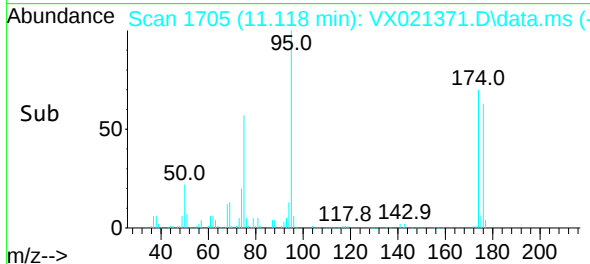
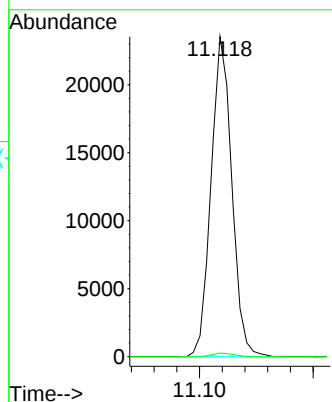
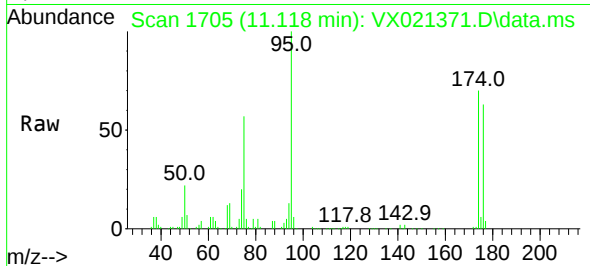




#76
1,2,3-Trichloropropane
Concen: 29.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 29861
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.85 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021371.D
Acq: 22 Mar 2021 20:11

Tgt Ion: 75 Resp: 29861
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

