

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021363.D
 Acq On : 22 Mar 2021 17:05
 Operator : JC/MD
 Sample : M1735-18DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:02:32 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)

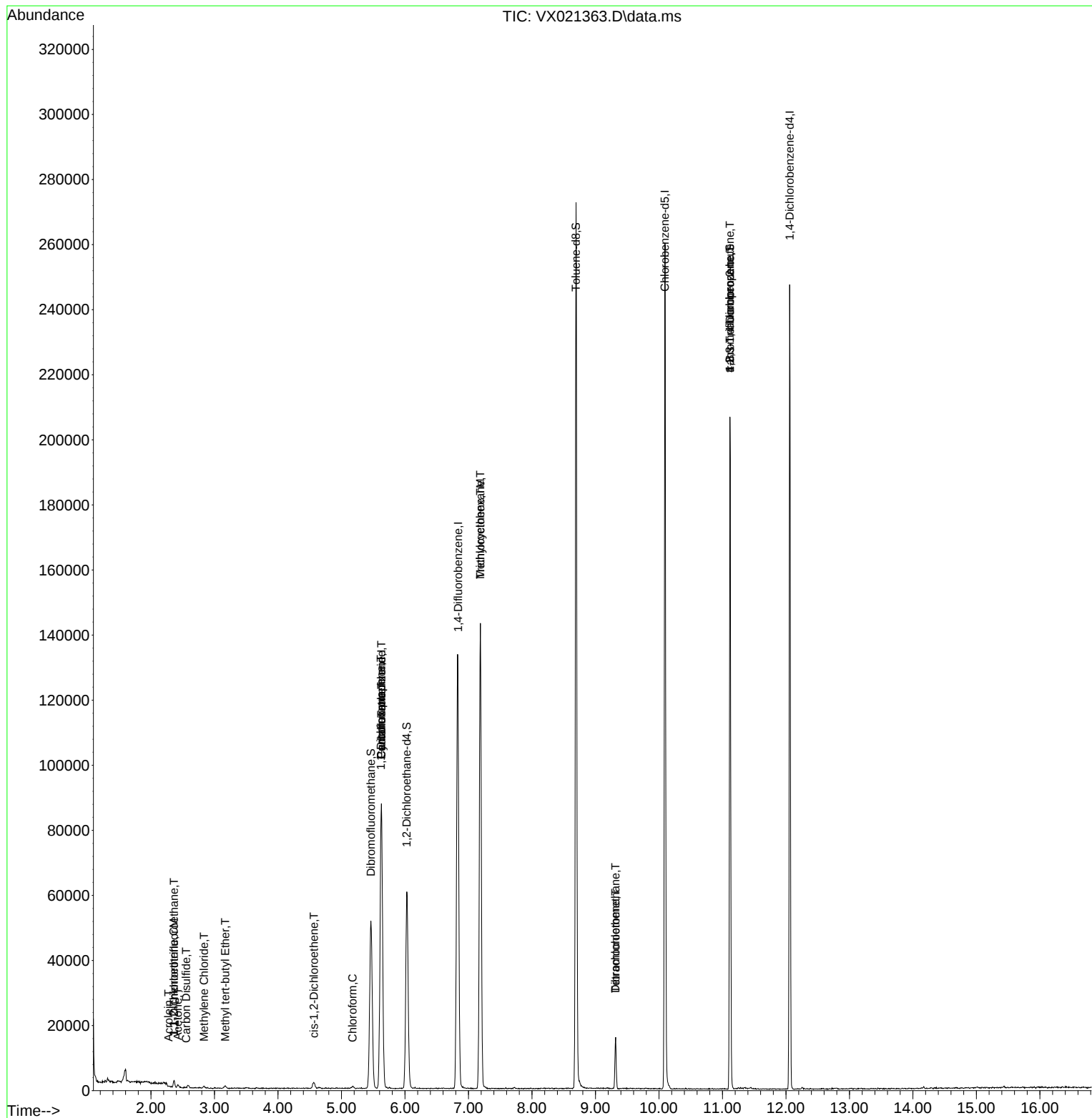
Internal Standards						
1) Pentafluorobenzene	5.629	168	75176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	122893	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	107084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	44834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60172	48.80	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.60%
35) Dibromofluoromethane	5.464	113	42698	51.06	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.12%
50) Toluene-d8	8.694	98	152393	50.23	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.46%
62) 4-Bromofluorobenzene	11.117	95	54159	45.96	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.92%
Target Compounds						Qvalue
3) Chloromethane	1.316	50	1442	Below Cal		88
9) 1,1,2-Trichlorotrifluo...	2.363	101	715	0.91 ug/l		93
12) 1,1-Dichloroethene	2.358	96	172	0.22 ug/l #		69
13) Acrolein	2.275	56	20	3.28 ug/l #		14
16) Acetone	2.422	43	683	1.51 ug/l		94
17) Carbon Disulfide	2.552	76	58	0.56 ug/l #		75
19) Methyl tert-butyl Ether	3.169	73	665	0.23 ug/l		98
20) Methylene Chloride	2.834	84	272	0.29 ug/l		91
27) cis-1,2-Dichloroethene	4.564	96	1109	1.13 ug/l		98
30) Chloroform	5.176	83	701	0.41 ug/l		89
31) Cyclohexane	5.629	56	2251	1.51 ug/l #		43
36) 1,1-Dichloropropene	5.623	75	6877	5.55 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8350	6.49 ug/l #		17
39) Methylcyclohexane	7.188	83	685	0.50 ug/l #		1
44) Trichloroethene	7.188	130	49233	54.32 ug/l		95
49) 1,4-Dioxane	7.735	88	200	Below Cal #		39
60) Dibromochloromethane	9.317	129	2546	2.59 ug/l #		11
64) Tetrachloroethene	9.317	164	2724	3.41 ug/l		93
76) 1,2,3-Trichloropropane	11.117	75	30064	28.91 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.117	75	30064	78.48 ug/l #		12

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

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MSVOA_X
ClientSampled :

Quant Time: Mar 23 02:02:32 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

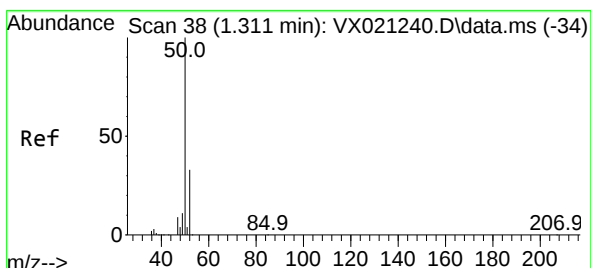
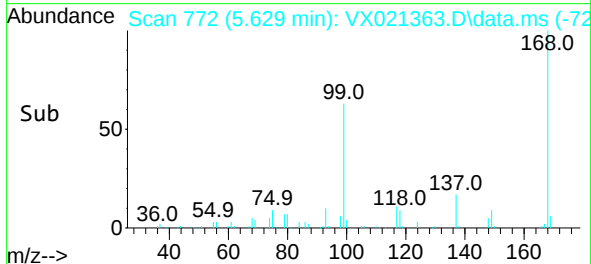
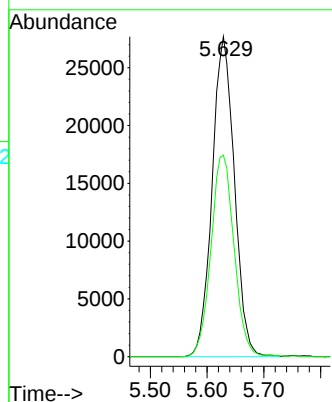
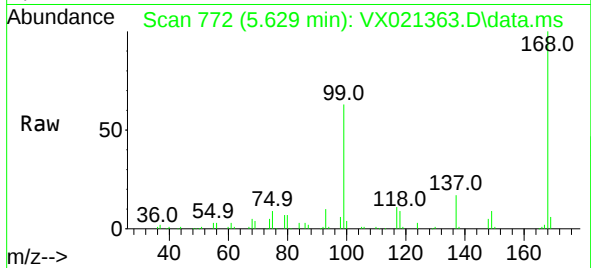




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

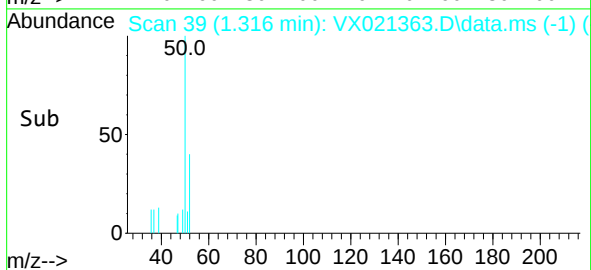
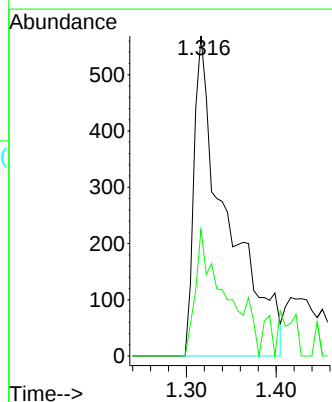
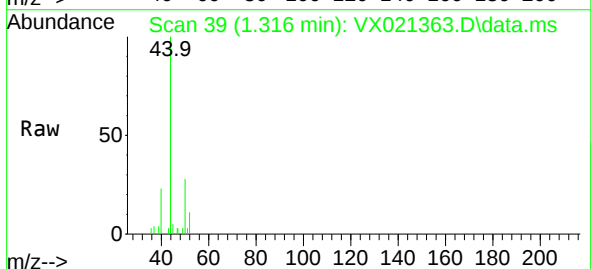
Instrument :
MSVOA_X
ClientSampleId :

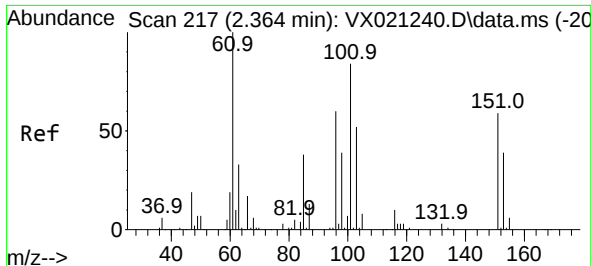
Tgt Ion:168 Resp: 75176
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 50 Resp: 1442
Ion Ratio Lower Upper
50 100
52 39.5 26.4 39.6

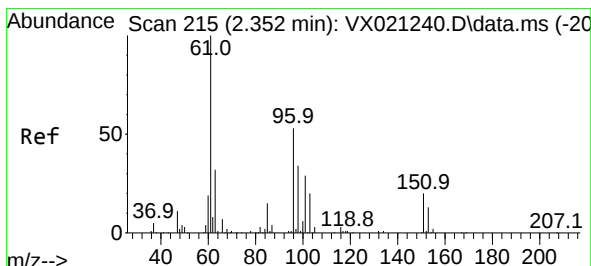
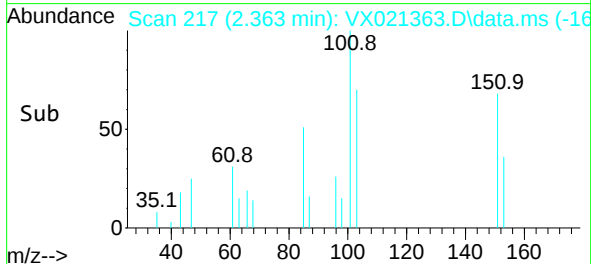
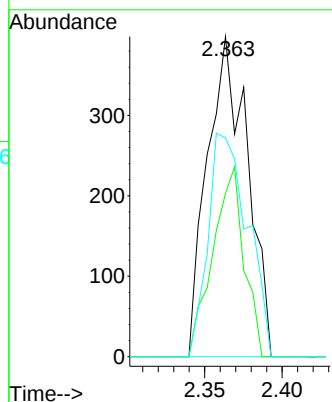
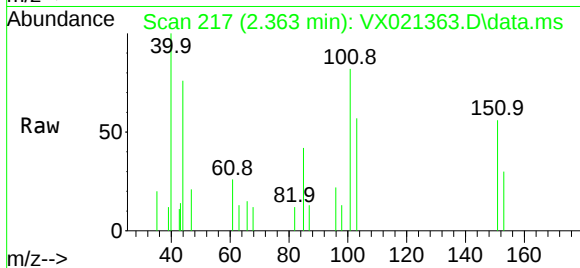




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.91 ug/l
RT: 2.363 min Scan# 217
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

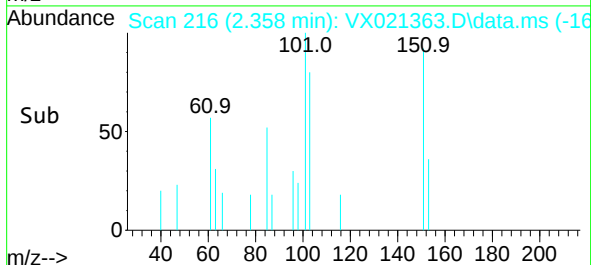
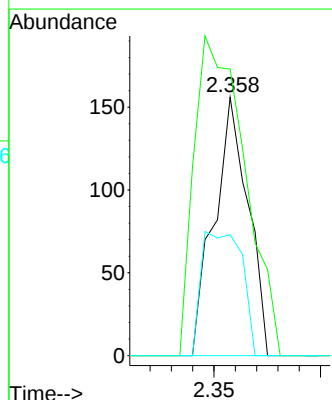
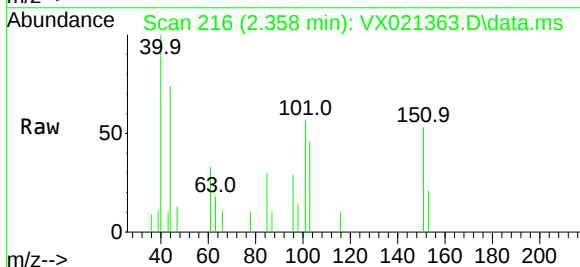
Instrument :
MSVOA_X
ClientSampled :

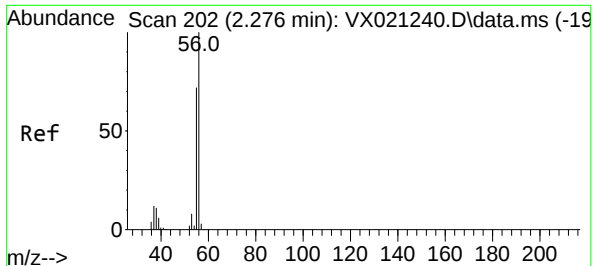
Tgt Ion:101 Resp: 715
Ion Ratio Lower Upper
101 100
85 46.0 34.9 52.3
151 68.8 61.4 92.2



#12
1,1-Dichloroethene
Concen: 0.22 ug/l
RT: 2.358 min Scan# 216
Delta R.T. 0.006 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

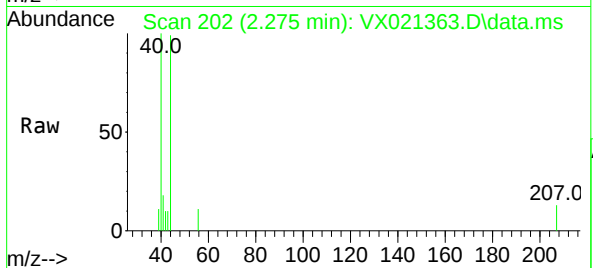
Tgt Ion: 96 Resp: 172
Ion Ratio Lower Upper
96 100
61 110.9 124.6 187.0#
98 46.8 50.6 76.0#



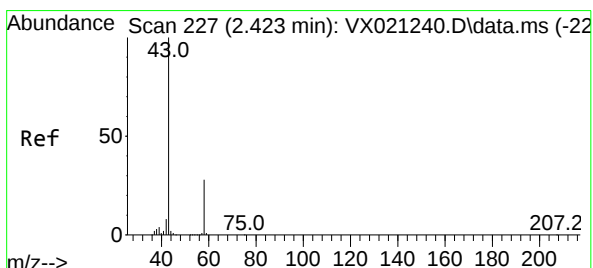
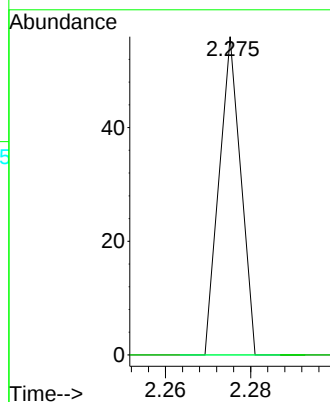
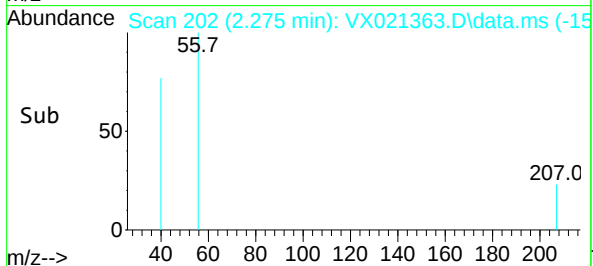


#13
Acrolein
Concen: 3.28 ug/l
RT: 2.275 min Scan# 202
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

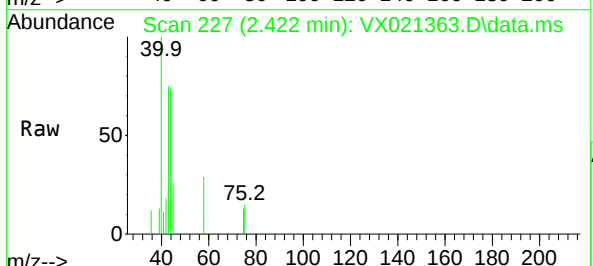
Instrument :
MSVOA_X
ClientSampled :



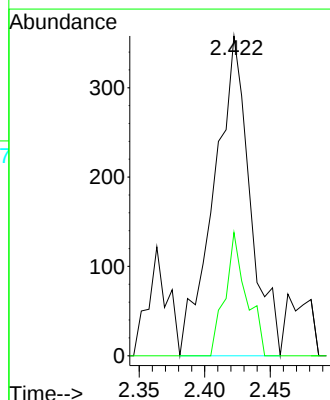
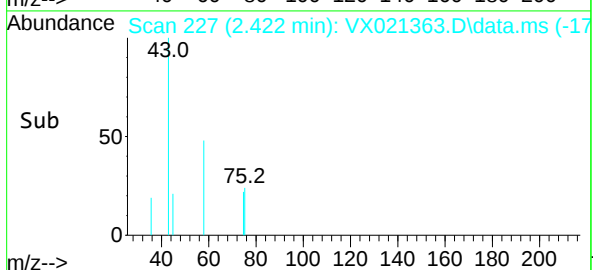
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

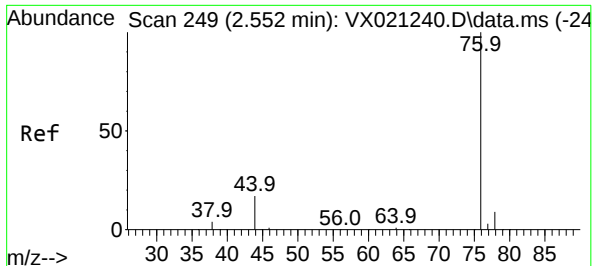


#16
Acetone
Concen: 1.51 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05



Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 38.5 27.8 41.8

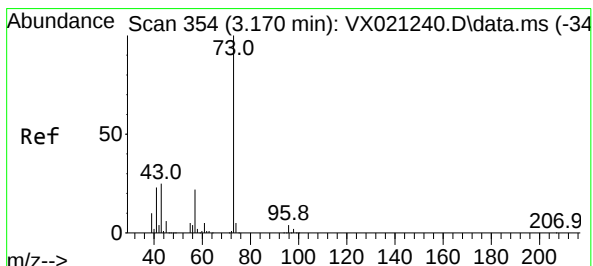
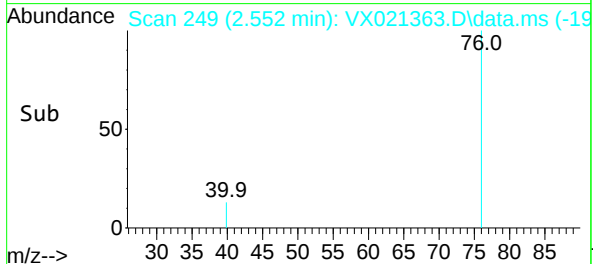
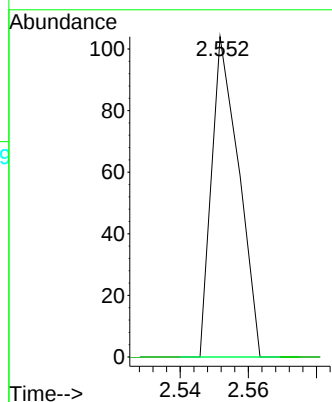
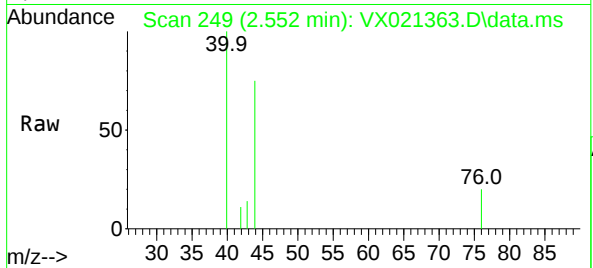




#17
Carbon Disulfide
Concen: 0.56 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

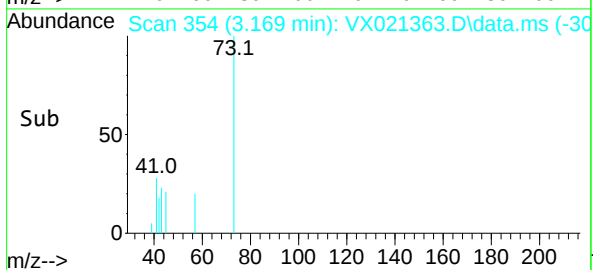
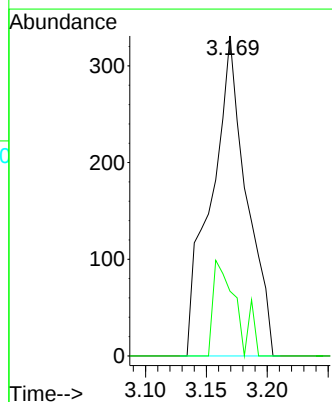
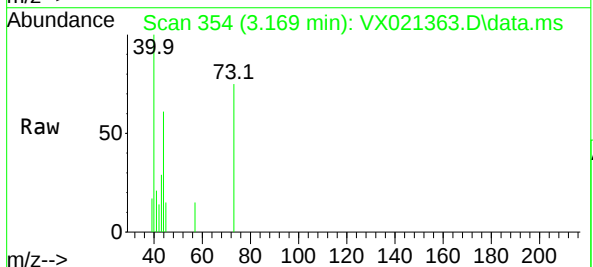
Instrument :
MSVOA_X
ClientSampled :

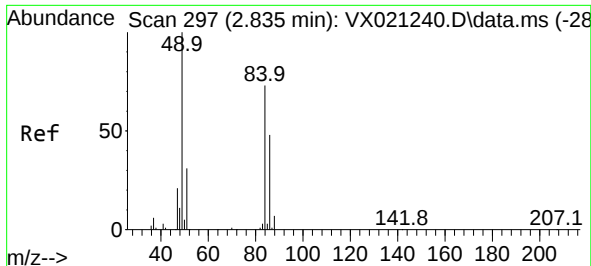
Tgt Ion: 76 Resp: 58
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.23 ug/l
RT: 3.169 min Scan# 354
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

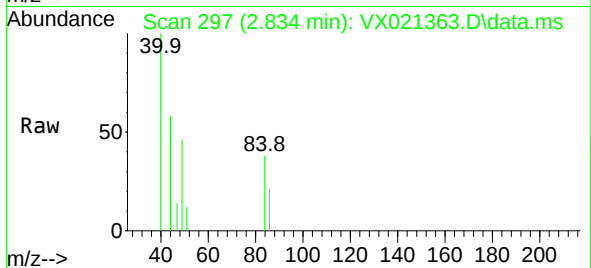
Tgt Ion: 73 Resp: 665
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7





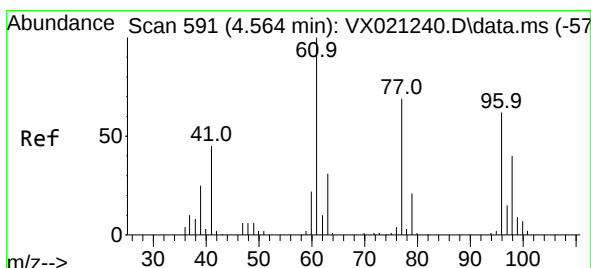
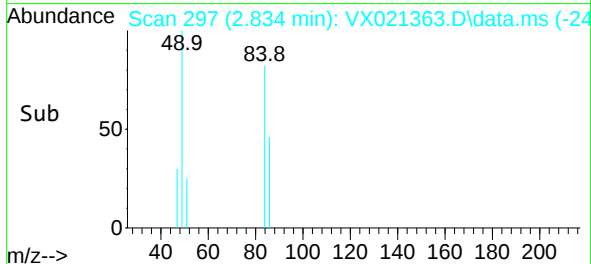
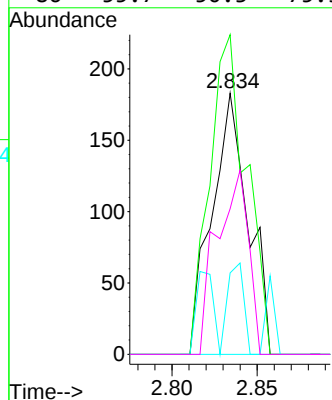
#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 272

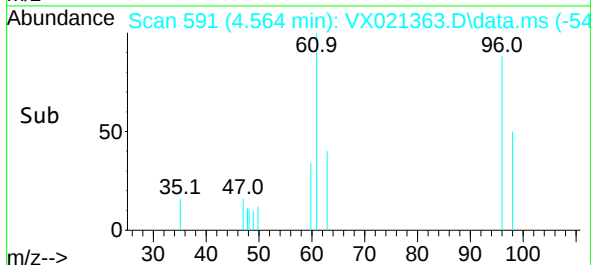
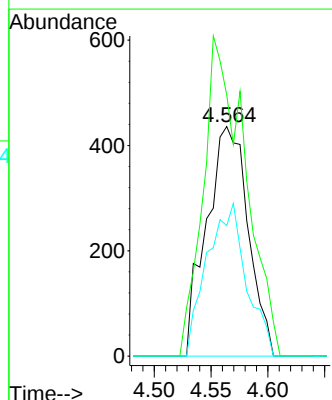
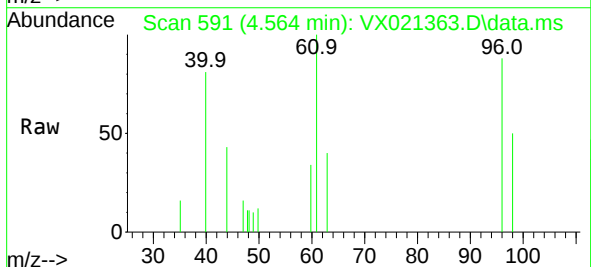
Ion	Ratio	Lower	Upper
84	100		
49	122.4	88.6	132.8
51	31.1	27.0	40.6
86	55.7	50.3	75.5

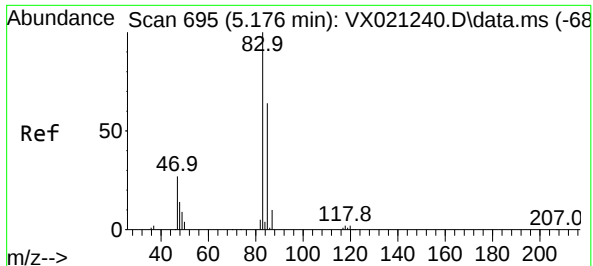


#27
cis-1,2-Dichloroethene
Concen: 1.13 ug/l
RT: 4.564 min Scan# 591
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 96 Resp: 1109

Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	285.6
98	62.8	0.0	129.6





#30

Chloroform

Concen: 0.41 ug/l

RT: 5.176 min Scan# 695

Delta R.T. -0.000 min

Lab File: VX021363.D

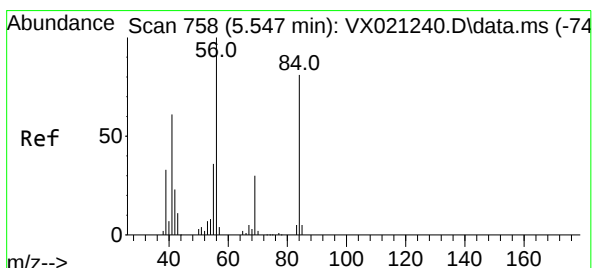
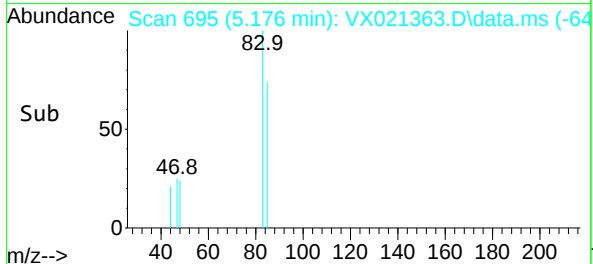
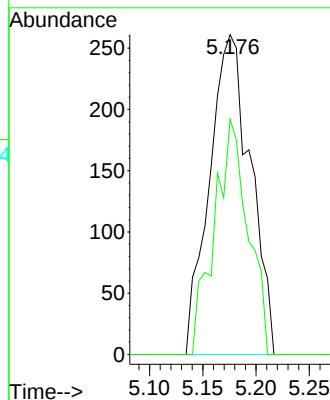
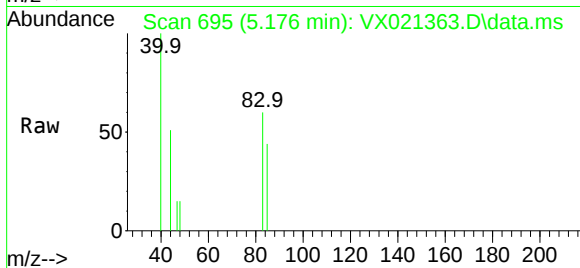
Acq: 22 Mar 2021 17:05

Tgt Ion: 83 Resp: 701

Ion Ratio Lower Upper

83 100

85 73.6 52.0 78.0



#31

Cyclohexane

Concen: 1.51 ug/l

RT: 5.629 min Scan# 772

Delta R.T. 0.082 min

Lab File: VX021363.D

Acq: 22 Mar 2021 17:05

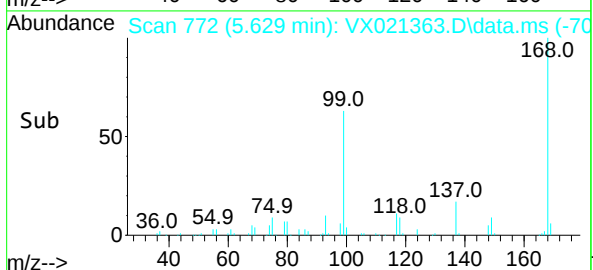
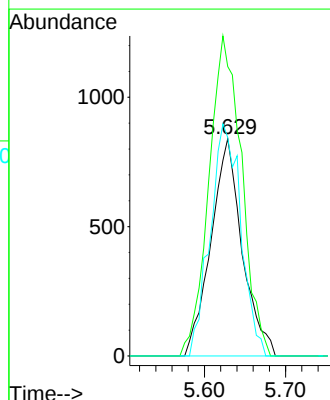
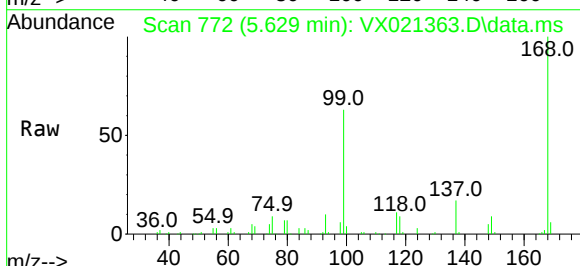
Tgt Ion: 56 Resp: 2251

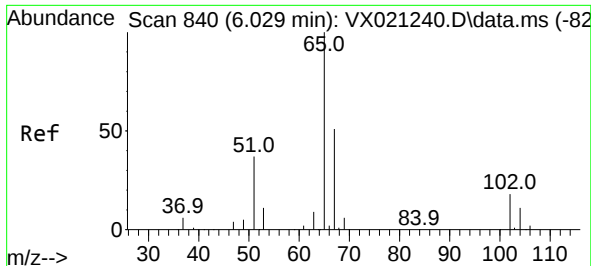
Ion Ratio Lower Upper

56 100

69 133.2 25.3 37.9#

84 100.5 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.80 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021363.D

Acq: 22 Mar 2021 17:05

Tgt Ion: 65 Resp: 60172

Ion Ratio Lower Upper

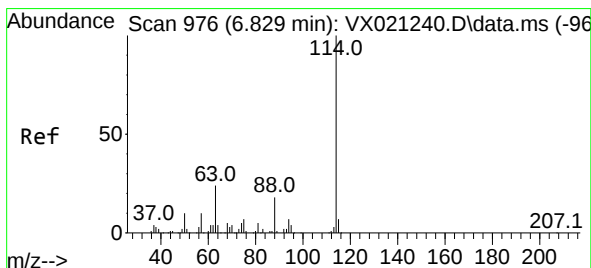
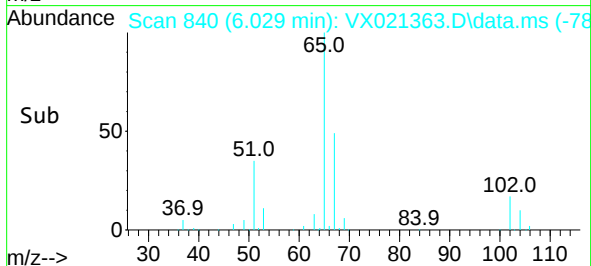
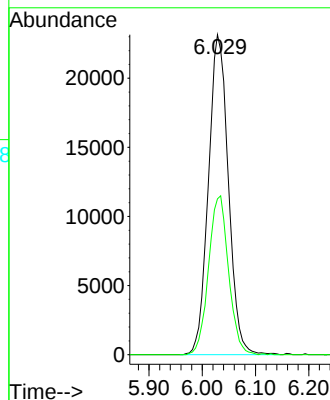
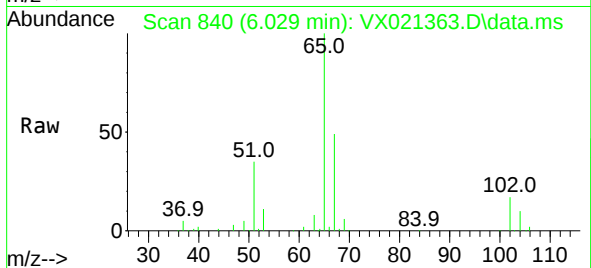
65 100

67 49.7 0.0 105.4

Instrument :

MSVOA_X

ClientSampled :



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.835 min Scan# 977

Delta R.T. 0.006 min

Lab File: VX021363.D

Acq: 22 Mar 2021 17:05

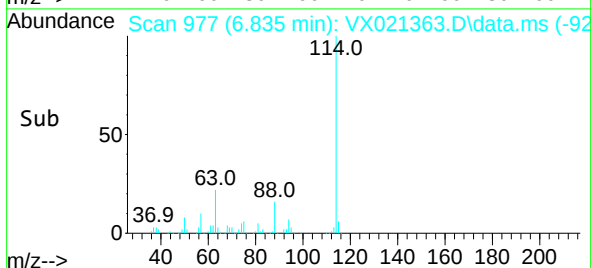
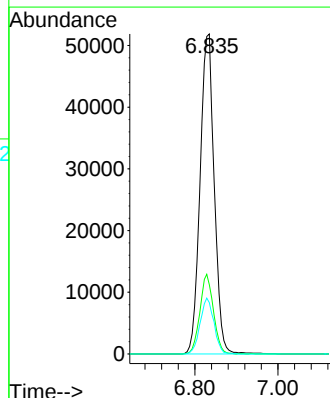
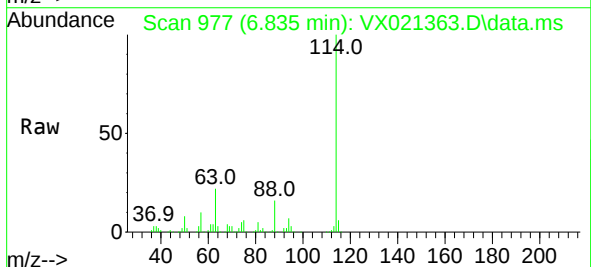
Tgt Ion: 114 Resp: 122893

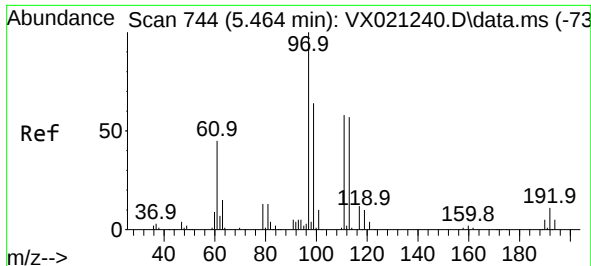
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 16.1 0.0 32.8

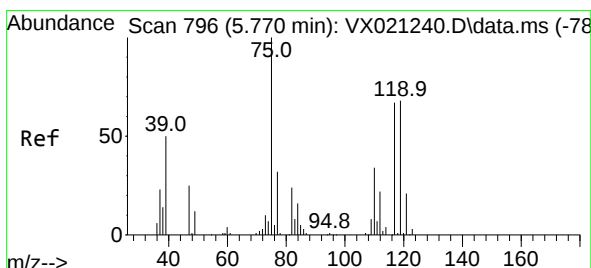
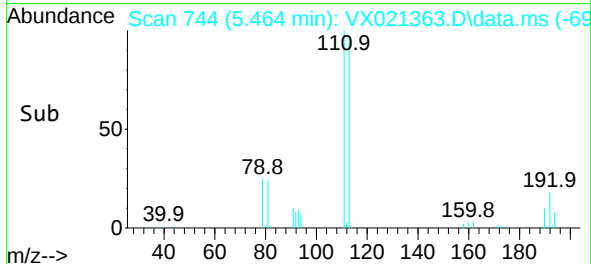
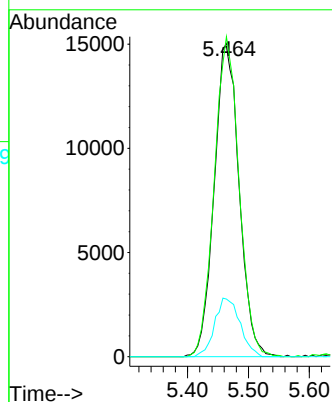
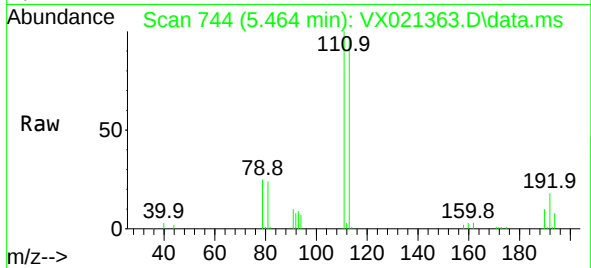




#35
Dibromofluoromethane
Concen: 51.06 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

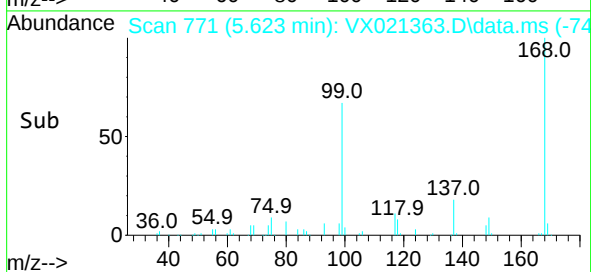
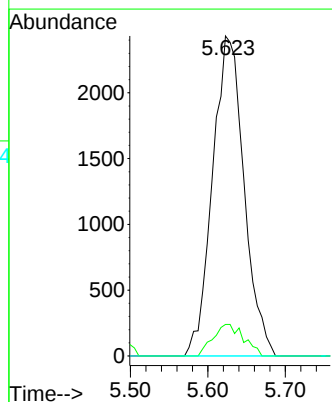
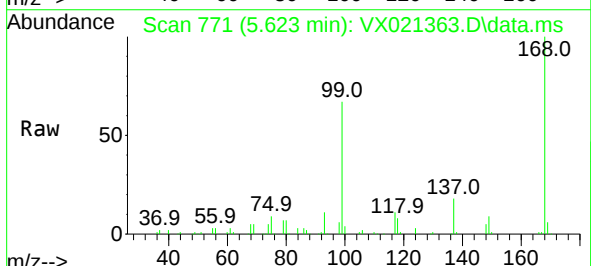
Instrument :
MSVOA_X
ClientSampleId :

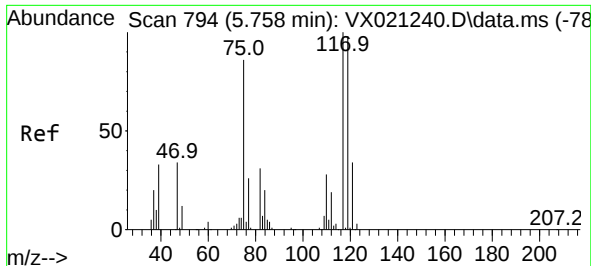
Tgt Ion:113 Resp: 42698
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.55 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

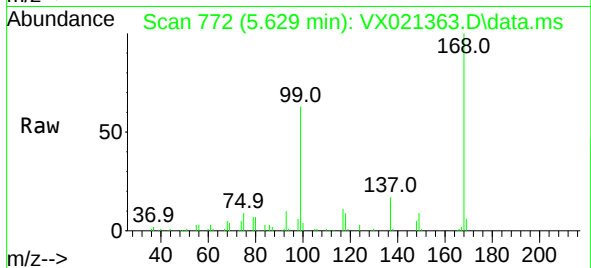
Tgt Ion: 75 Resp: 6877
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



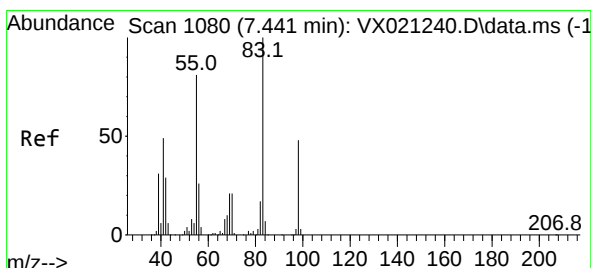
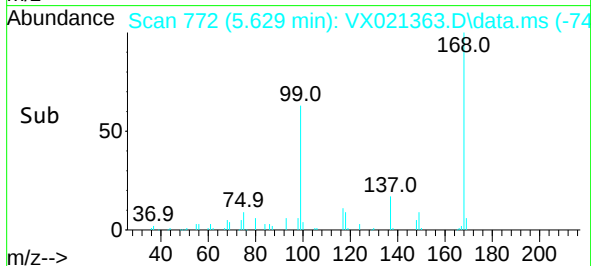
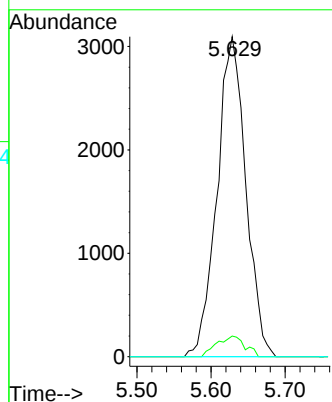


#38
Carbon Tetrachloride
Concen: 6.49 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :

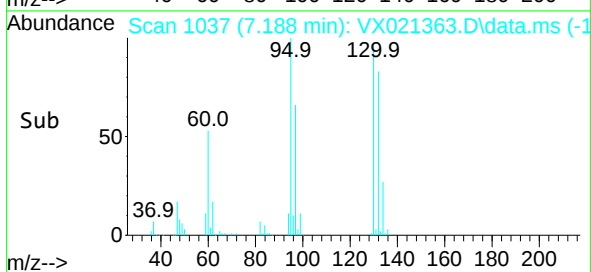
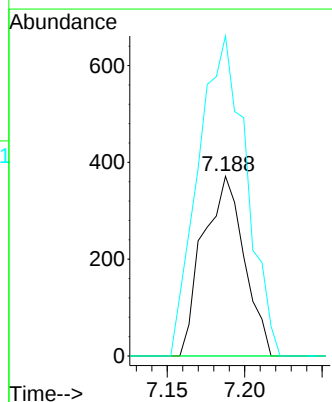
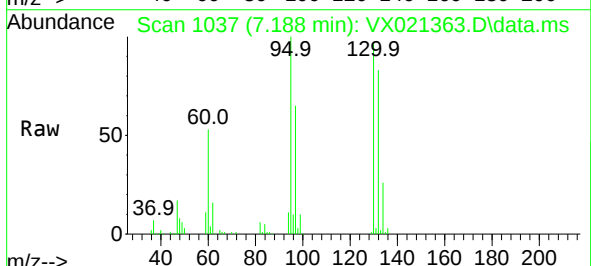


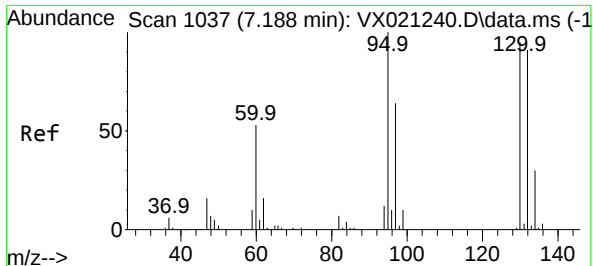
Tgt Ion:117 Resp: 8350
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.50 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.253 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 83 Resp: 685
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 178.2 38.1 57.1#

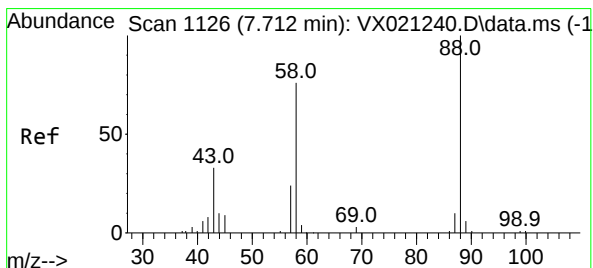
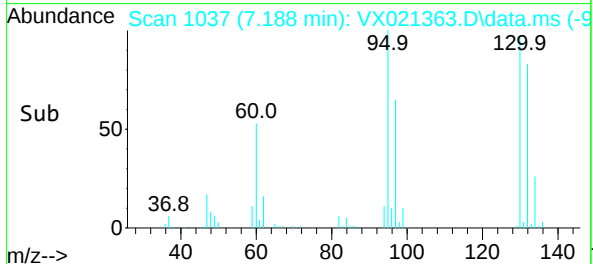
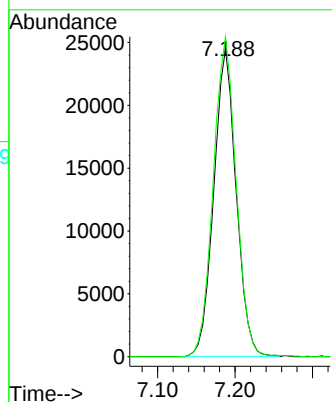
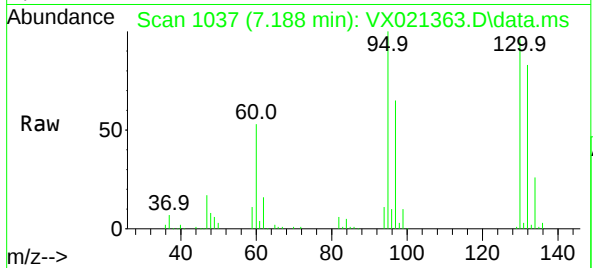




#44
Trichloroethene
Concen: 54.32 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

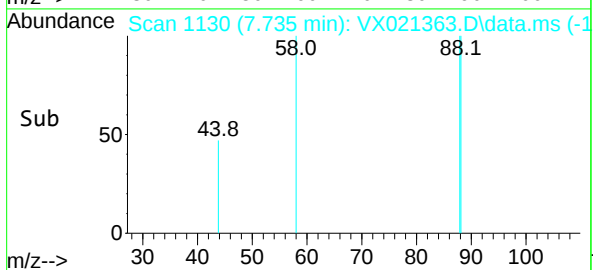
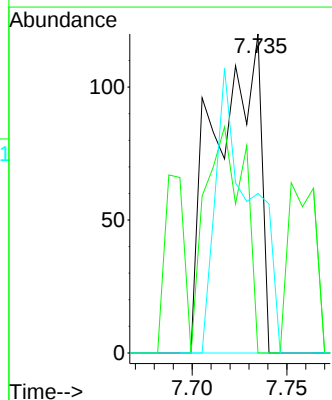
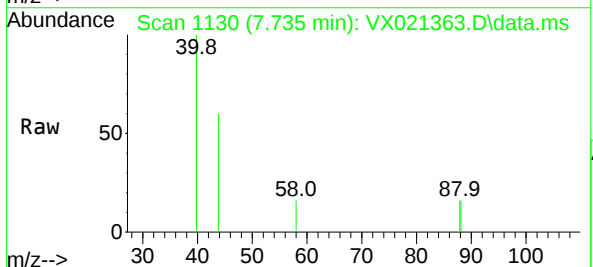
Instrument :
MSVOA_X
ClientSampled :

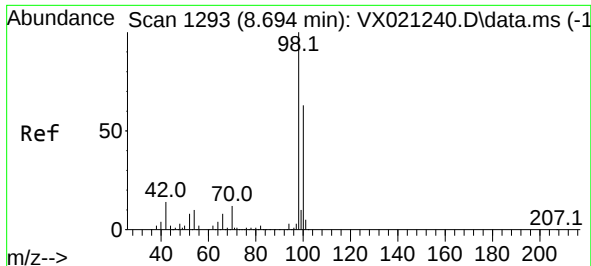
Tgt Ion:130 Resp: 49233
Ion Ratio Lower Upper
130 100
95 104.0 0.0 198.0



#49
1,4-Dioxane
Concen: Below Cal
RT: 7.735 min Scan# 1130
Delta R.T. 0.023 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 88 Resp: 200
Ion Ratio Lower Upper
88 100
43 32.0 23.2 34.8
58 0.0 55.0 82.4#

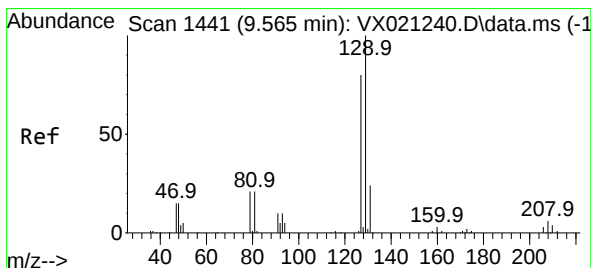
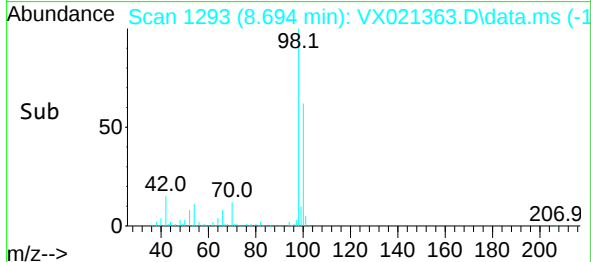
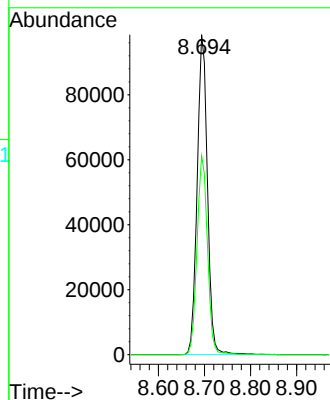
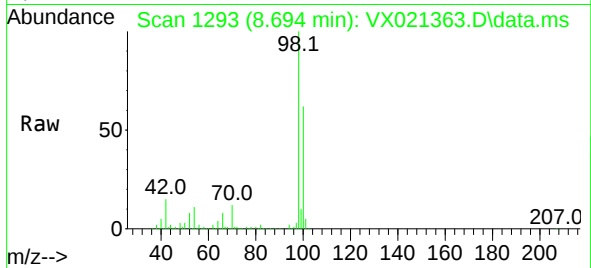




#50
Toluene-d8
Concen: 50.23 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

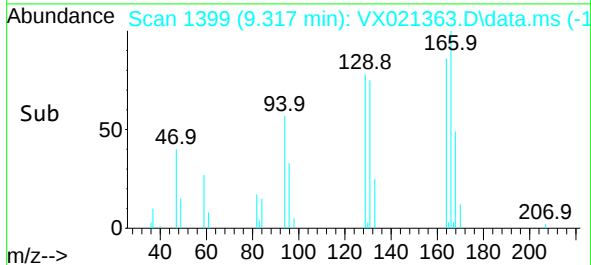
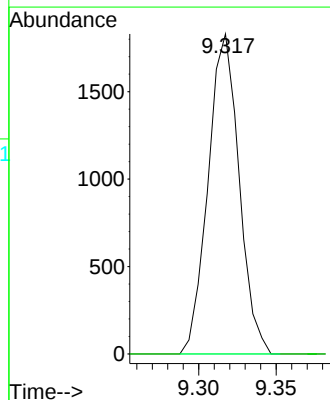
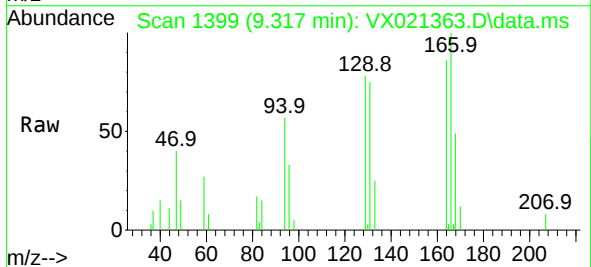
Instrument :
MSVOA_X
ClientSampled :

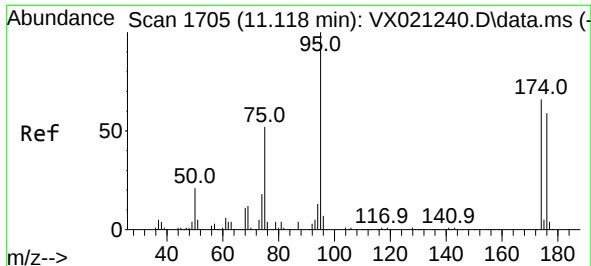
Tgt Ion: 98 Resp: 152393
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#60
Dibromochloromethane
Concen: 2.59 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.248 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 129 Resp: 2546
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

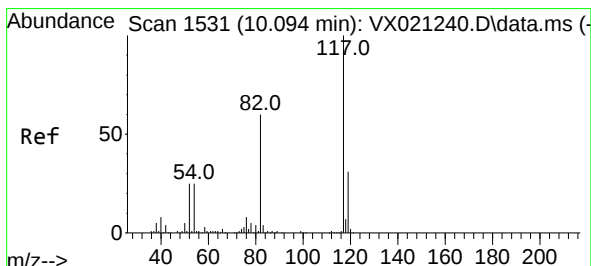
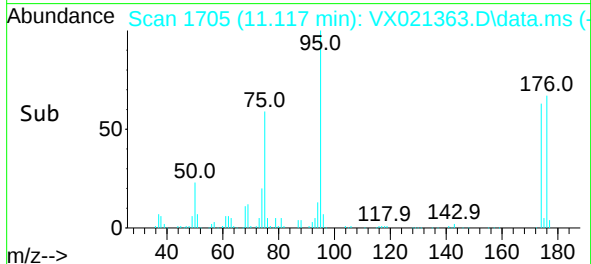
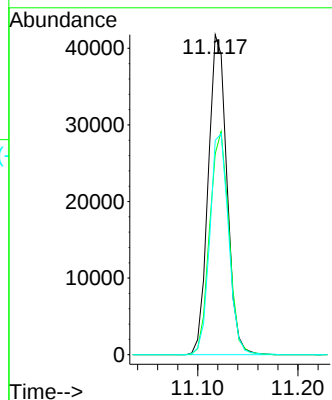
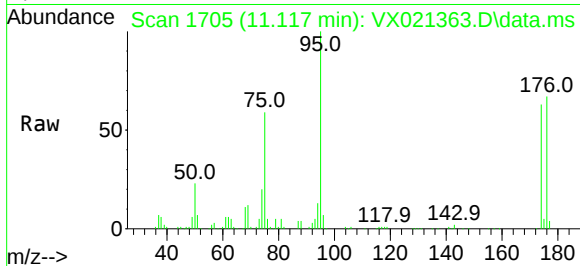




#62
4-Bromofluorobenzene
Concen: 45.96 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

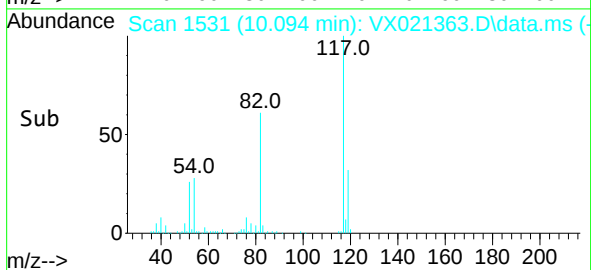
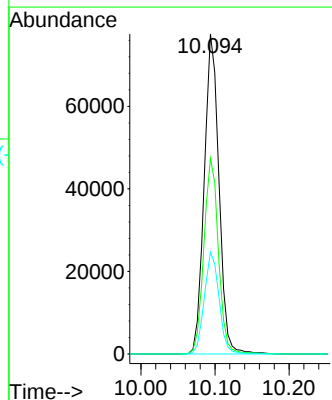
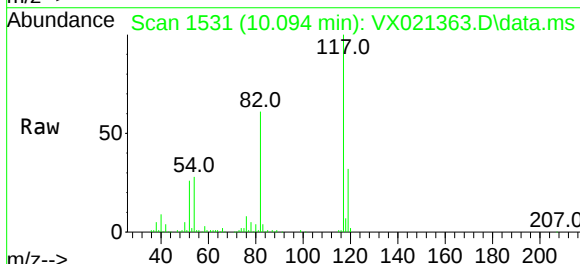
Instrument :
MSVOA_X
ClientSampleId :

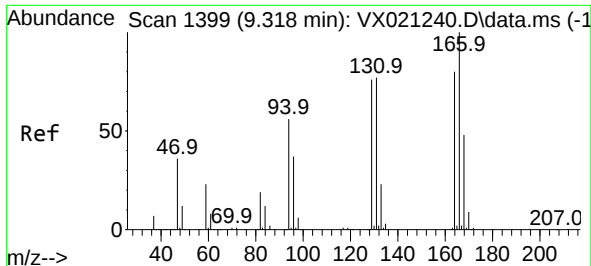
Tgt Ion: 95 Resp: 54159
Ion Ratio Lower Upper
95 100
174 71.5 0.0 154.6
176 69.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

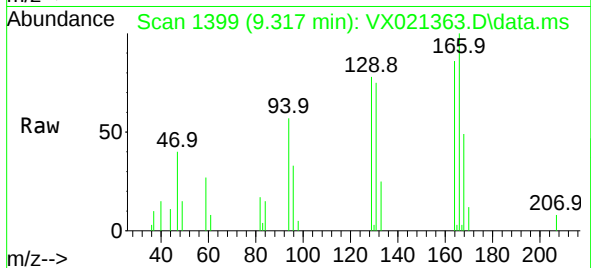
Tgt Ion: 117 Resp: 107084
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.9 26.6 39.8





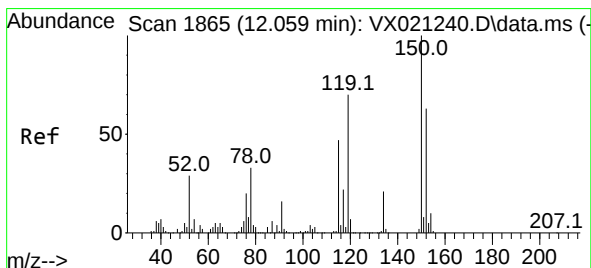
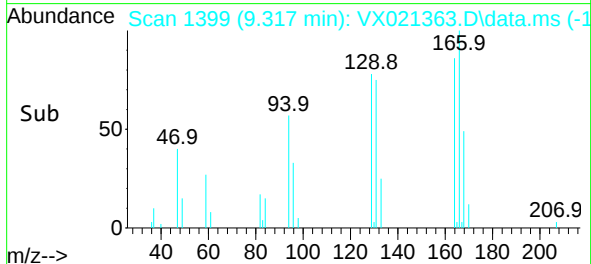
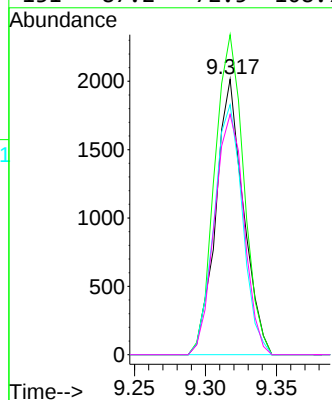
#64
Tetrachloroethene
Concen: 3.41 ug/l
RT: 9.317 min Scan# 1399
Delta R.T. -0.001 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:164 Resp: 2724

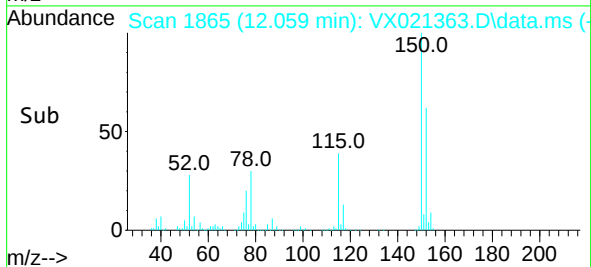
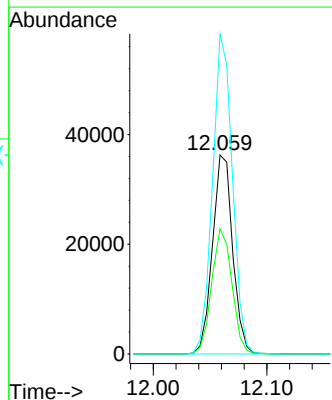
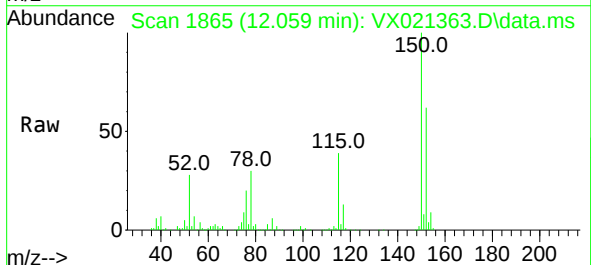
Ion	Ratio	Lower	Upper
164	100		
166	116.1	103.4	155.2
129	90.8	70.8	106.2
131	87.2	72.5	108.7

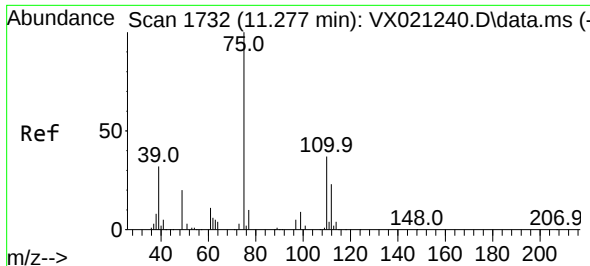


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion:152 Resp: 44834

Ion	Ratio	Lower	Upper
152	100		
115	63.0	41.1	123.3
150	158.2	0.0	349.0

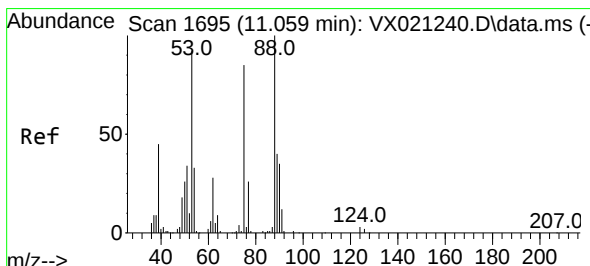
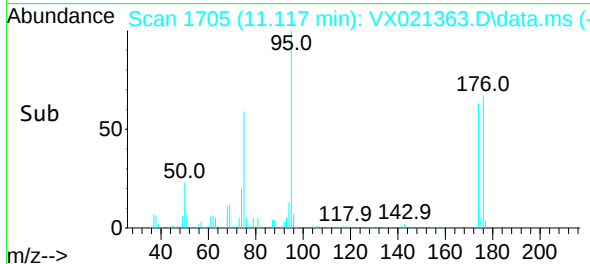
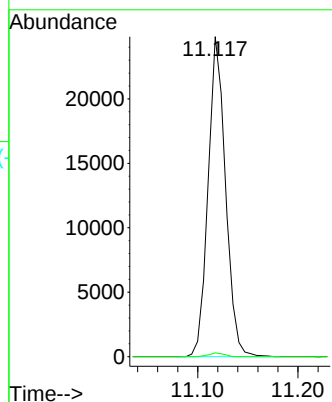
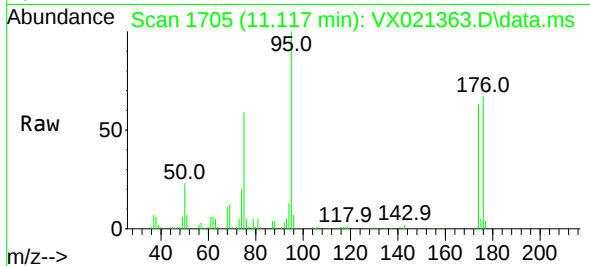




#76
1,2,3-Trichloropropane
Concen: 28.91 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. -0.160 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 30064
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.48 ug/l
RT: 11.117 min Scan# 1705
Delta R.T. 0.058 min
Lab File: VX021363.D
Acq: 22 Mar 2021 17:05

Tgt Ion: 75 Resp: 30064
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

