

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021401.D
 Acq On : 23 Mar 2021 22:24
 Operator : JC/MD
 Sample : VX0323WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL02

Quant Time: Mar 24 02:02:00 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)

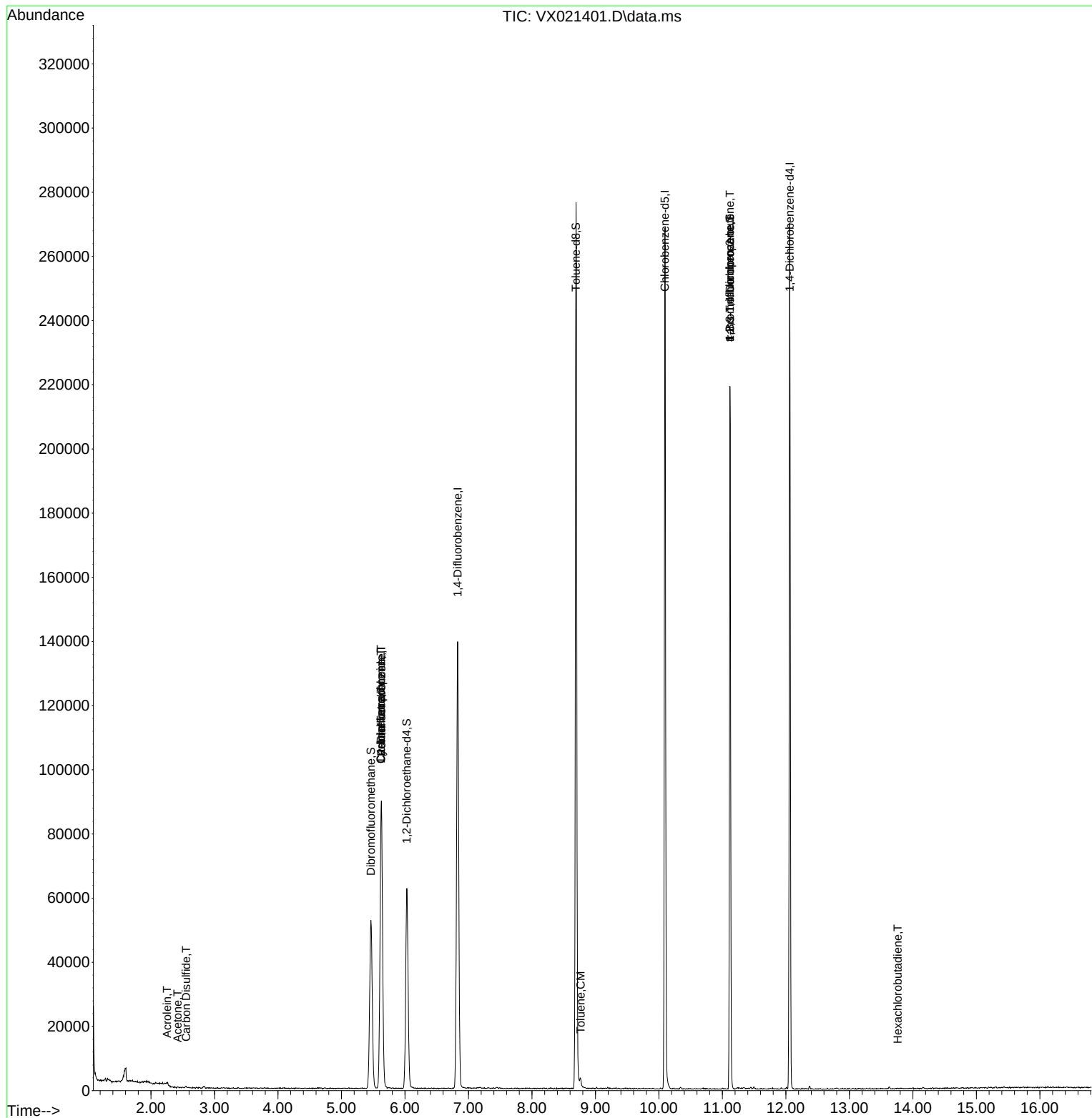
Internal Standards						
1) Pentafluorobenzene	5.629	168	76437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	127295	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	112714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	48214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61407	48.98	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.96%
35) Dibromofluoromethane	5.464	113	43686	50.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.86%
50) Toluene-d8	8.694	98	155732	49.55	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.10%
62) 4-Bromofluorobenzene	11.118	95	55441	45.42	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.84%
Target Compounds						
					Qvalue	
3) Chloromethane	1.317	50	825	Below Cal		95
13) Acrolein	2.252	56	125	4.10	ug/l	84
16) Acetone	2.417	43	516	1.12	ug/l #	83
17) Carbon Disulfide	2.552	76	530	0.77	ug/l #	85
31) Cyclohexane	5.623	56	2269	1.50	ug/l #	44
36) 1,1-Dichloropropene	5.623	75	6968	5.43	ug/l #	49
38) Carbon Tetrachloride	5.623	117	8844	6.64	ug/l #	16
52) Toluene	8.765	92	679	0.31	ug/l	96
76) 1,2,3-Trichloropropane	11.118	75	31986	28.60	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31986	77.65	ug/l #	12
94) Hexachlorobutadiene	13.759	225	84	0.20	ug/l #	19

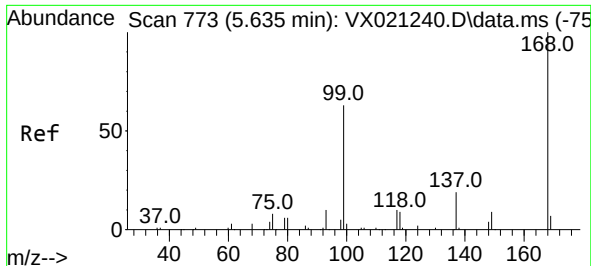
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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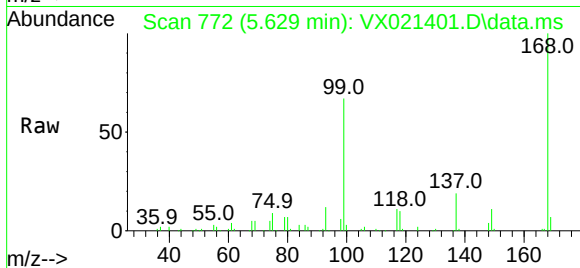
Quant Time: Mar 24 02:02:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
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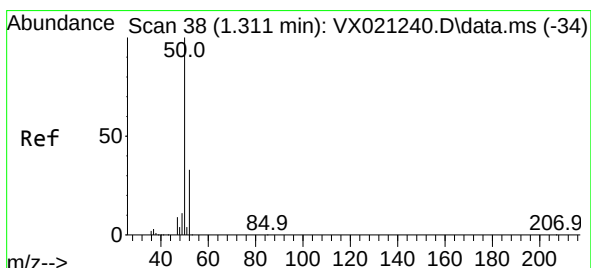
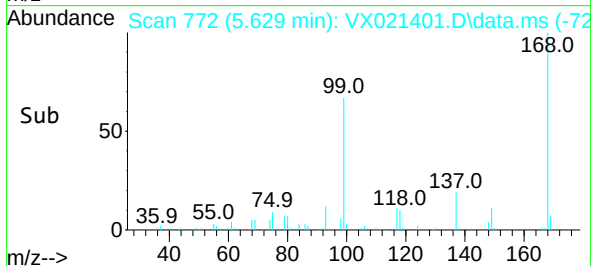
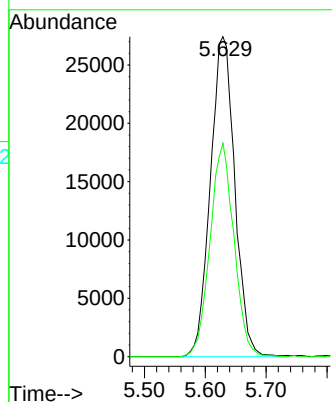


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

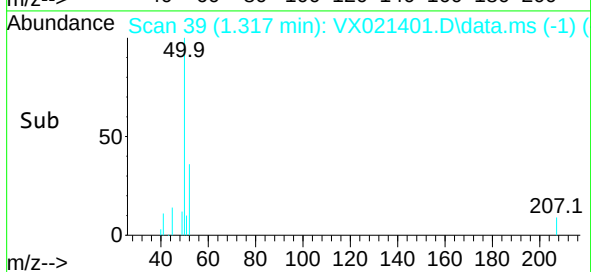
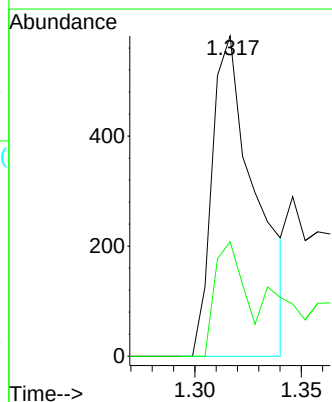
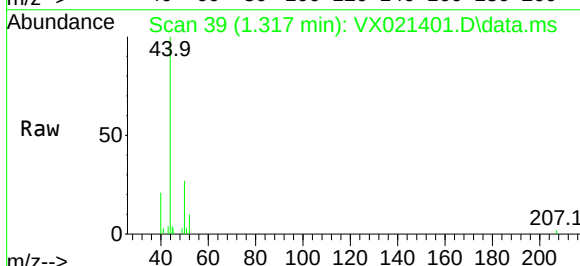


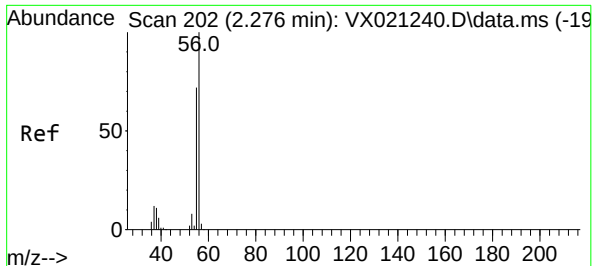
Tgt Ion:168 Resp: 76437
Ion Ratio Lower Upper
168 100
99 66.7 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 35.7 26.4 39.6

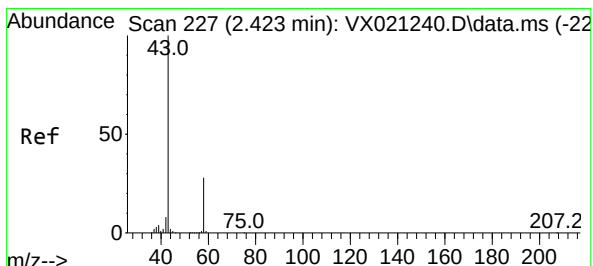
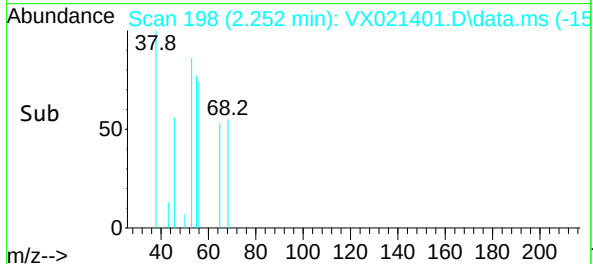
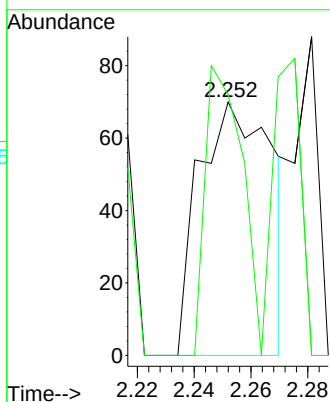
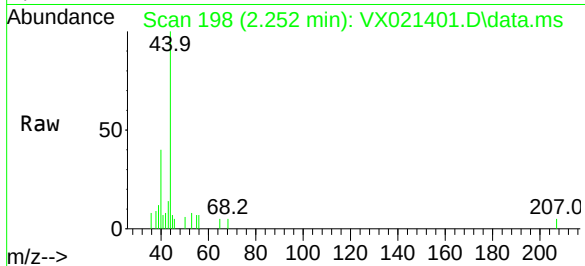




#13
Acrolein
Concen: 4.10 ug/l
RT: 2.252 min Scan# 198
Delta R.T. -0.024 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

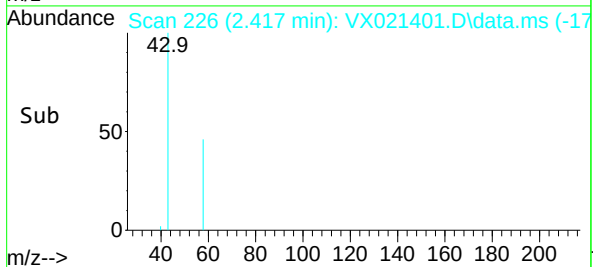
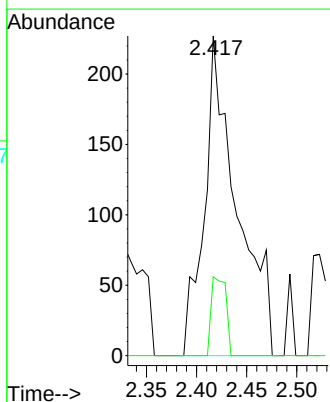
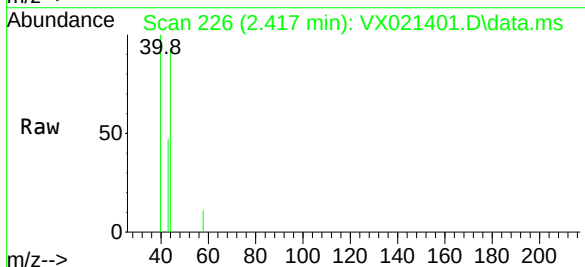
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

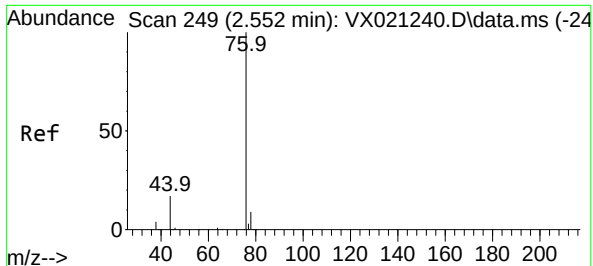
Tgt Ion: 56 Resp: 125
Ion Ratio Lower Upper
56 100
55 57.6 56.4 84.6



#16
Acetone
Concen: 1.12 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Tgt Ion: 43 Resp: 516
Ion Ratio Lower Upper
43 100
58 24.7 27.8 41.8#





#17

Carbon Disulfide

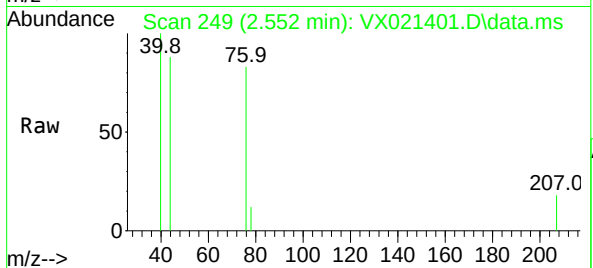
Concen: 0.77 ug/l

RT: 2.552 min Scan# 249

Delta R.T. -0.000 min

Lab File: VX021401.D

Acq: 23 Mar 2021 22:24

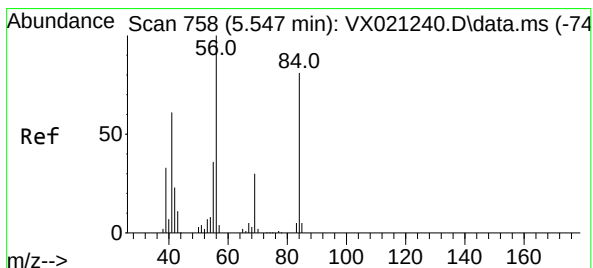
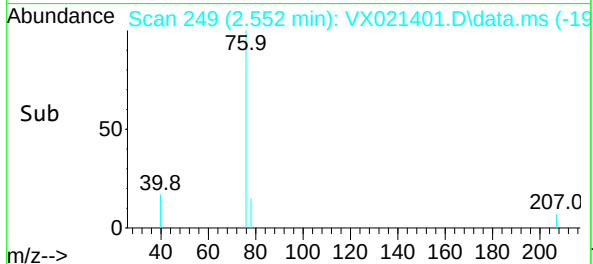
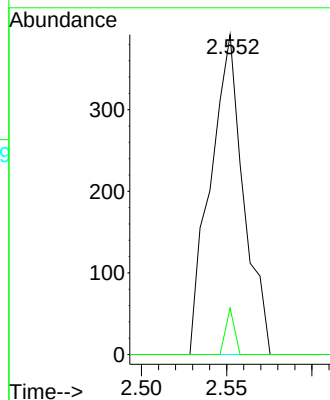


Tgt Ion: 76 Resp: 530

Ion Ratio Lower Upper

76 100

78 14.5 7.2 10.8#



#31

Cyclohexane

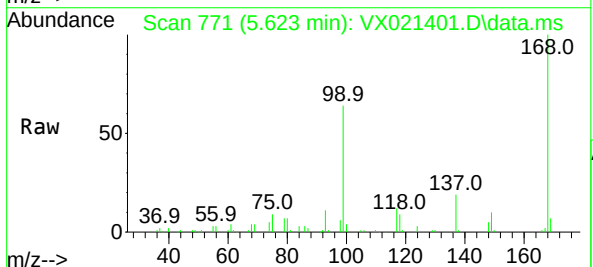
Concen: 1.50 ug/l

RT: 5.623 min Scan# 771

Delta R.T. 0.076 min

Lab File: VX021401.D

Acq: 23 Mar 2021 22:24



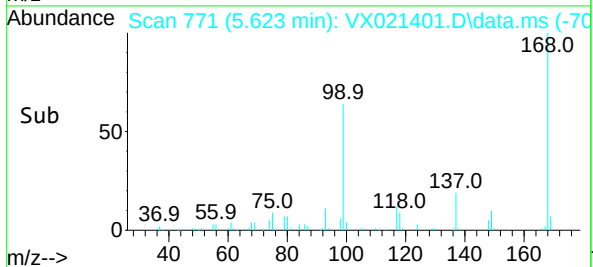
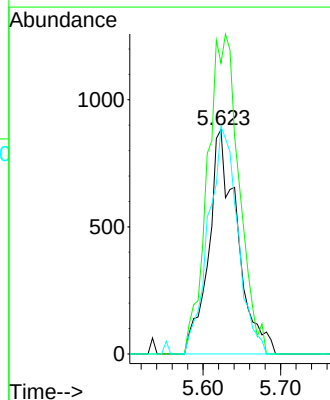
Tgt Ion: 56 Resp: 2269

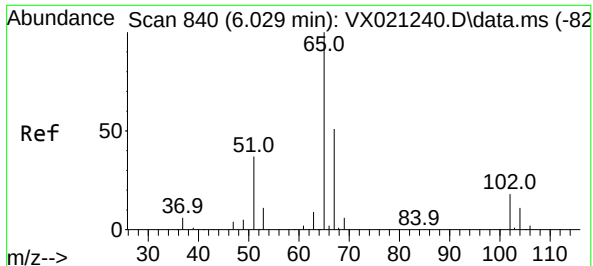
Ion Ratio Lower Upper

56 100

69 129.6 25.3 37.9#

84 101.4 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 48.98 ug/l

RT: 6.029 min Scan# 840

Delta R.T. -0.000 min

Lab File: VX021401.D

Acq: 23 Mar 2021 22:24

Tgt Ion: 65 Resp: 61407

Ion Ratio Lower Upper

65 100

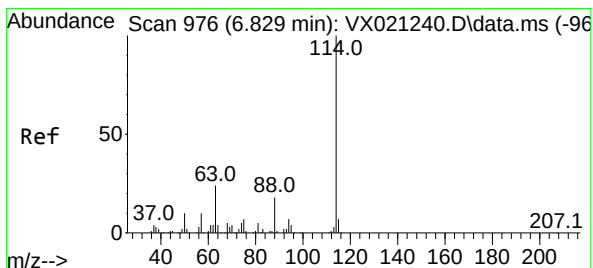
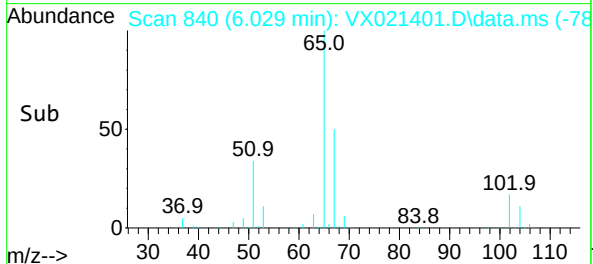
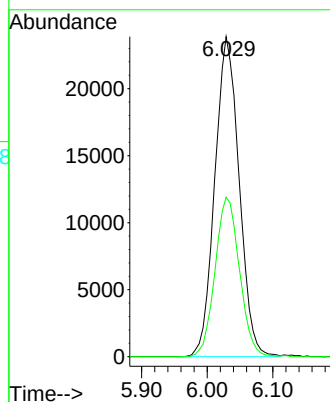
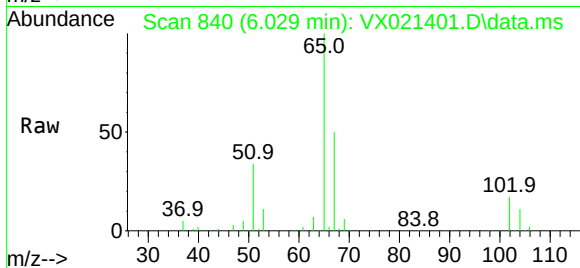
67 50.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

VX0323WBL02



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.829 min Scan# 976

Delta R.T. 0.000 min

Lab File: VX021401.D

Acq: 23 Mar 2021 22:24

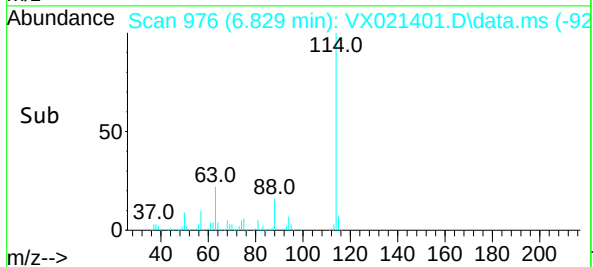
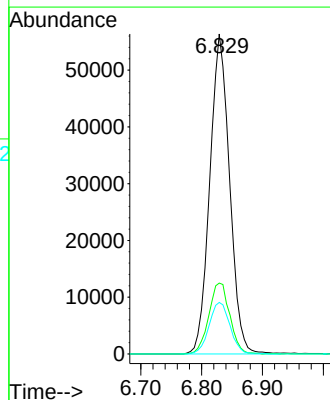
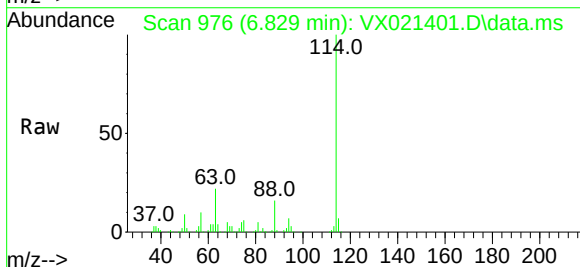
Tgt Ion: 114 Resp: 127295

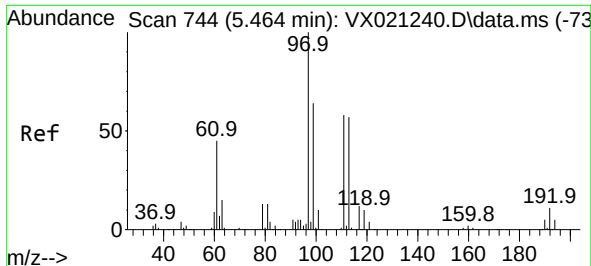
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.8

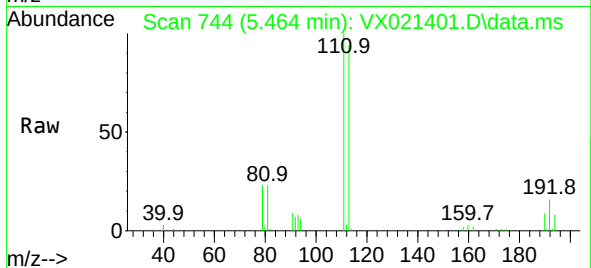
88 16.1 0.0 32.8



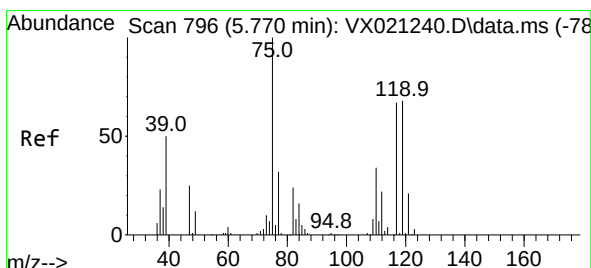
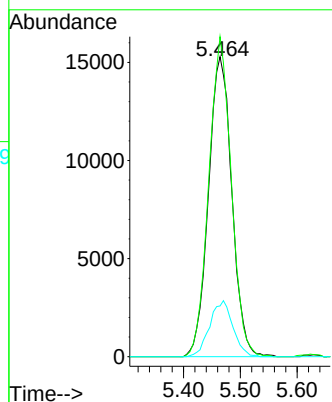
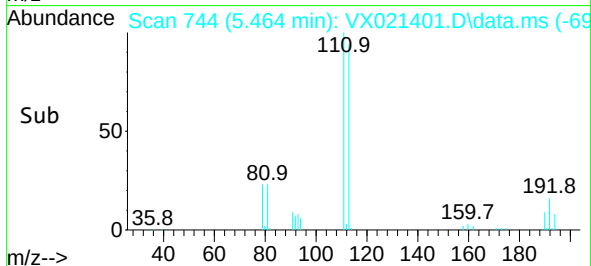


#35
Dibromofluoromethane
Concen: 50.43 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

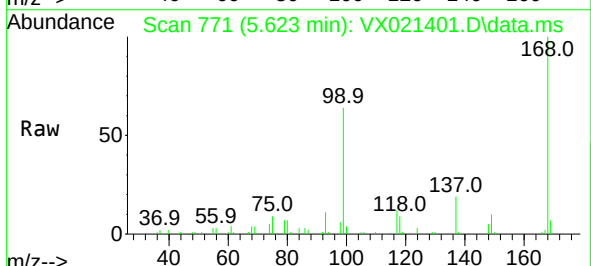
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02



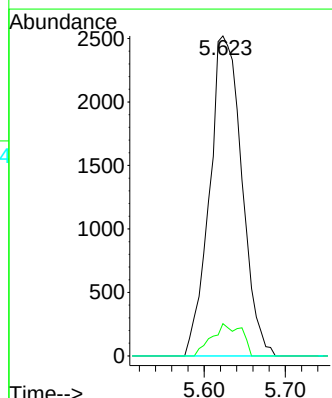
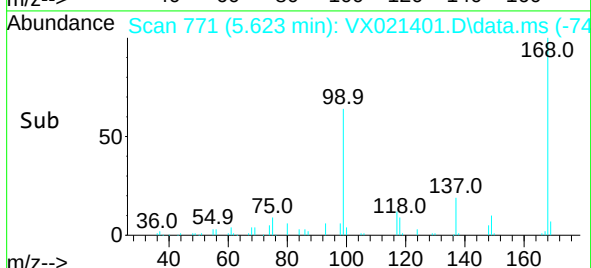
Tgt Ion:113 Resp: 43686
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 18.5 16.7 25.1

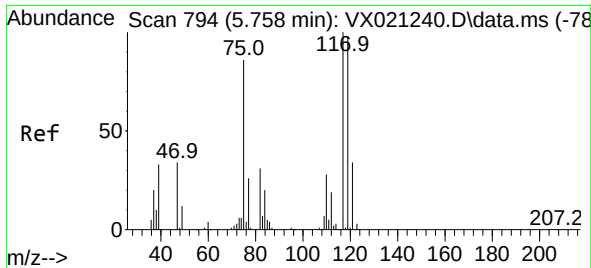


#36
1,1-Dichloropropene
Concen: 5.43 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24



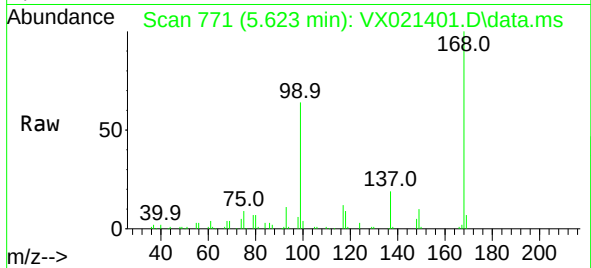
Tgt Ion: 75 Resp: 6968
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.0 25.3 37.9#



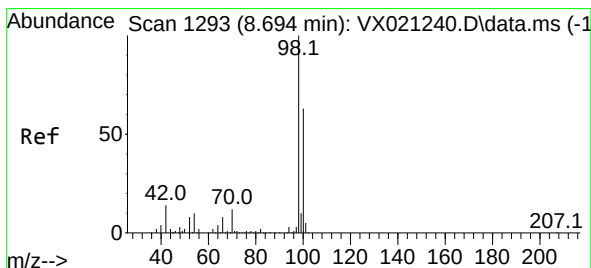
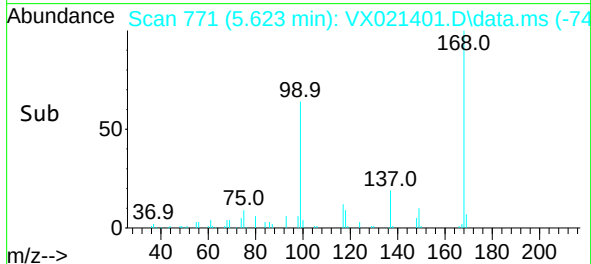
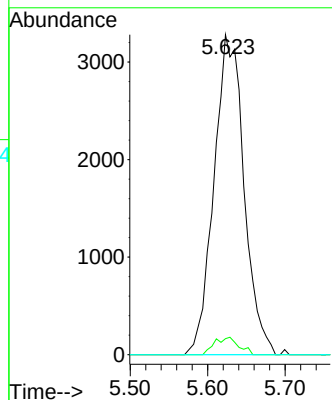


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.135 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

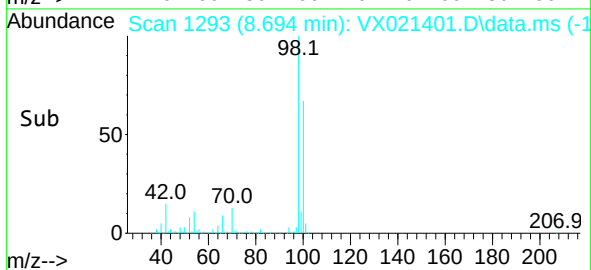
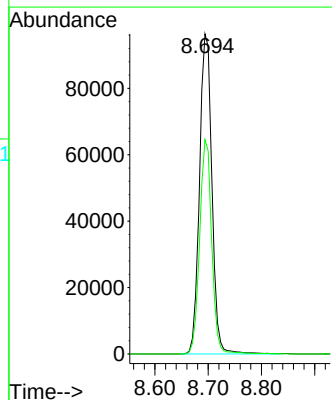
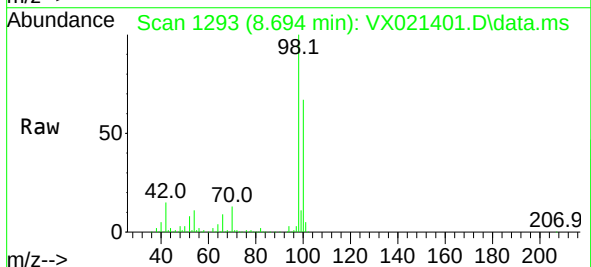


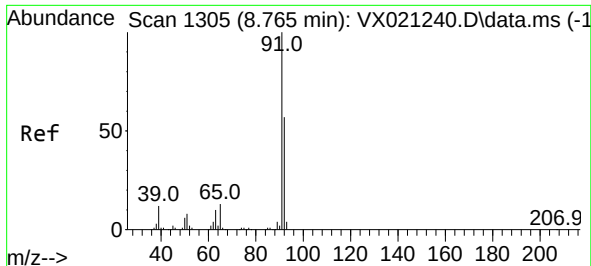
Tgt Ion:117 Resp: 8844
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.55 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Tgt Ion: 98 Resp: 155732
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9

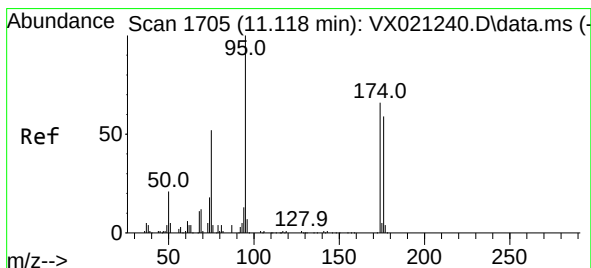
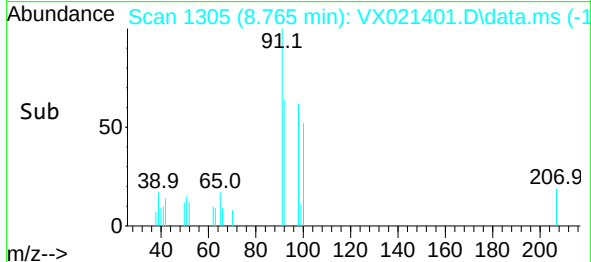
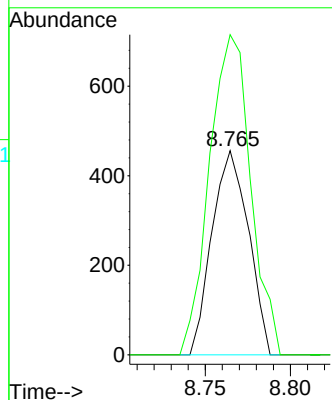
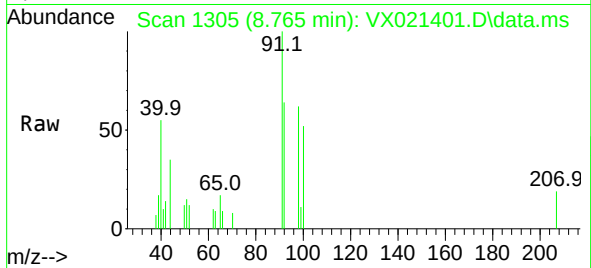




#52
Toluene
Concen: 0.31 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

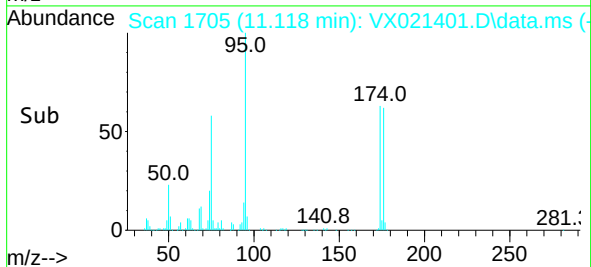
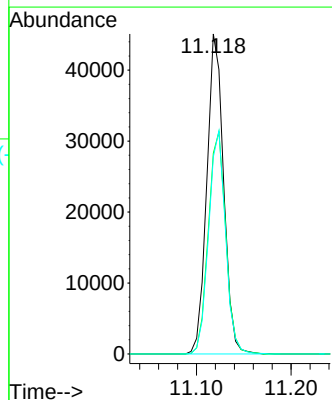
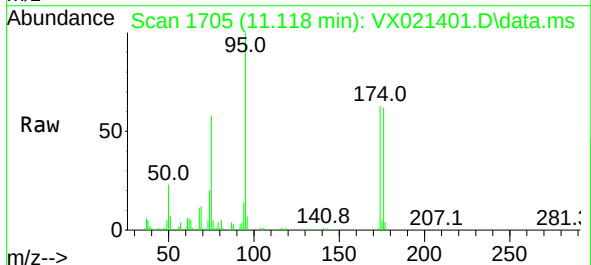
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

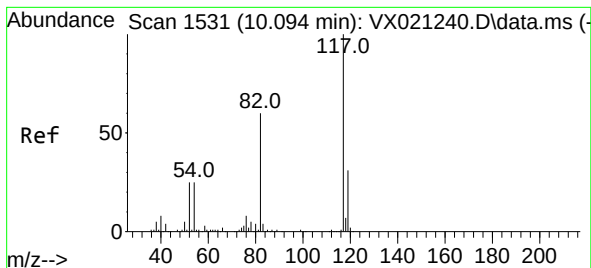
Tgt Ion: 92 Resp: 679
Ion Ratio Lower Upper
92 100
91 177.5 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Tgt Ion: 95 Resp: 55441
Ion Ratio Lower Upper
95 100
174 71.9 0.0 154.6
176 70.2 0.0 155.8

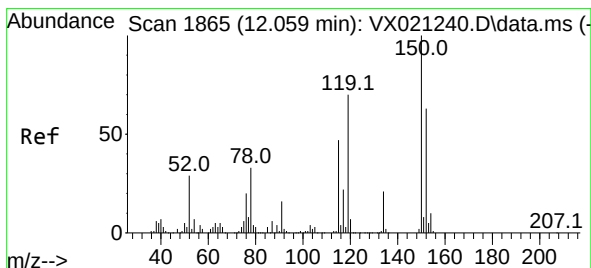
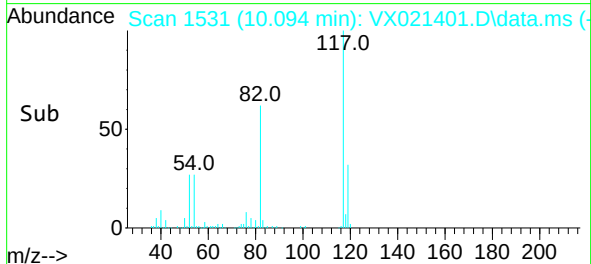
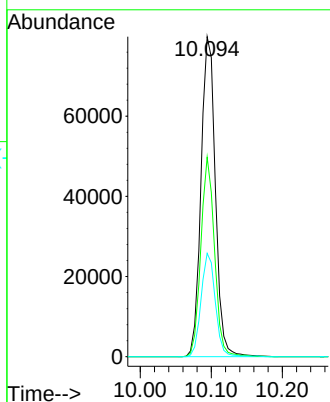
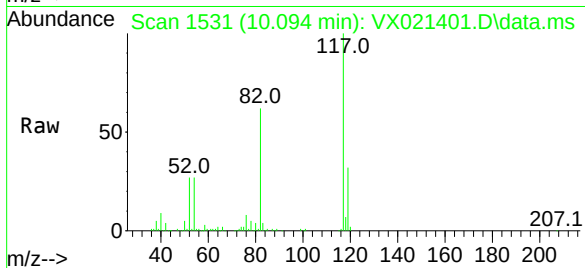




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

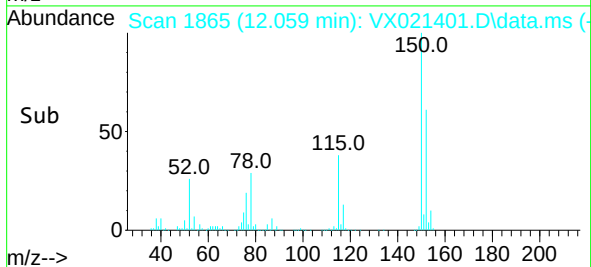
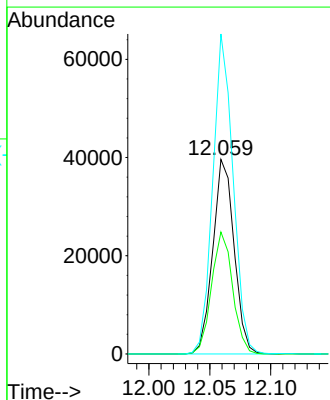
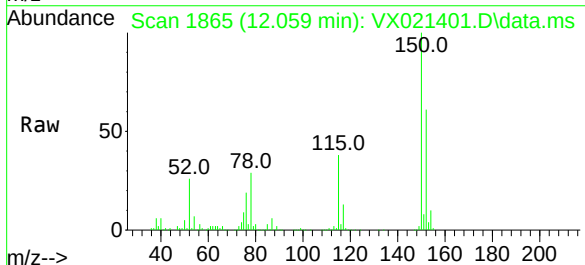
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

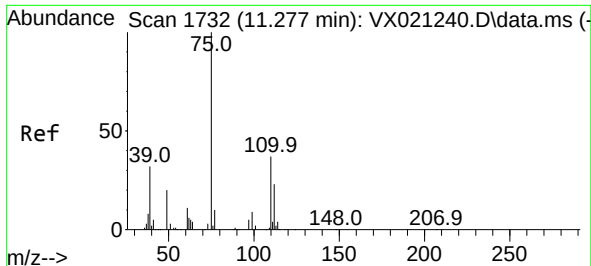
Tgt Ion:117 Resp: 112714
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

Tgt Ion:152 Resp: 48214
Ion Ratio Lower Upper
152 100
115 62.1 41.1 123.3
150 156.8 0.0 349.0

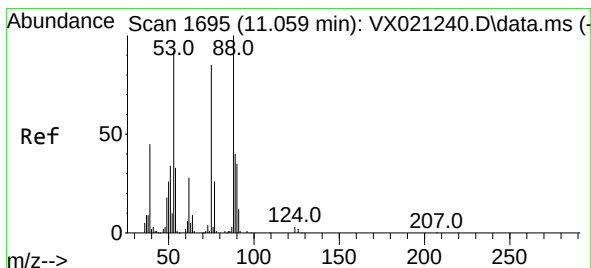
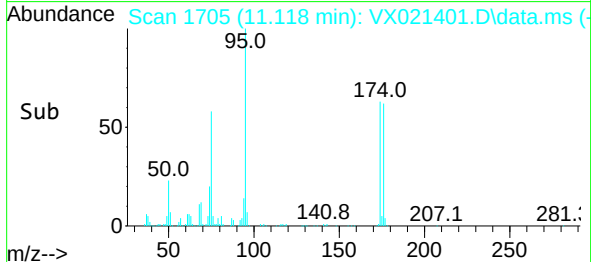
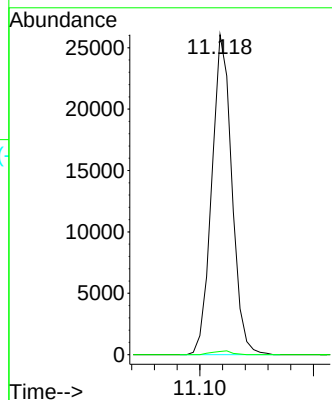
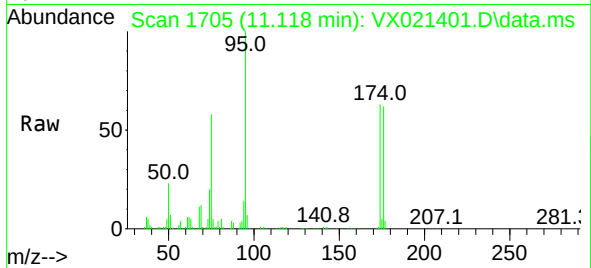




#76
1,2,3-Trichloropropane
Concen: 28.60 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

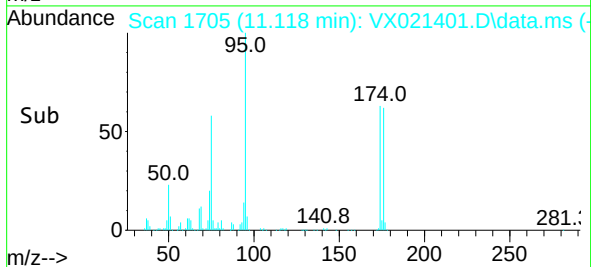
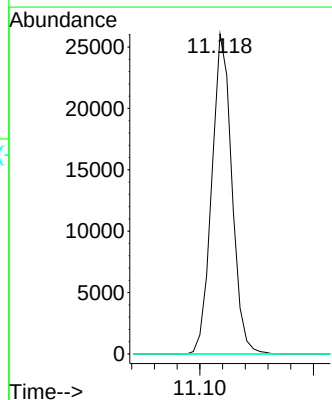
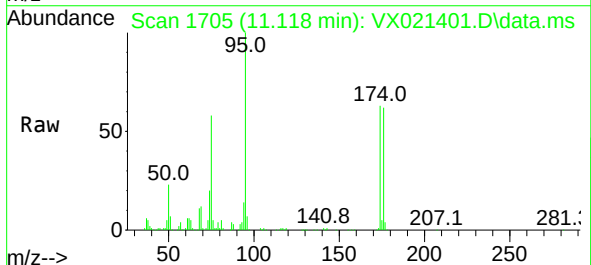
Instrument :
MSVOA_X
ClientSampleId :
VX0323WBL02

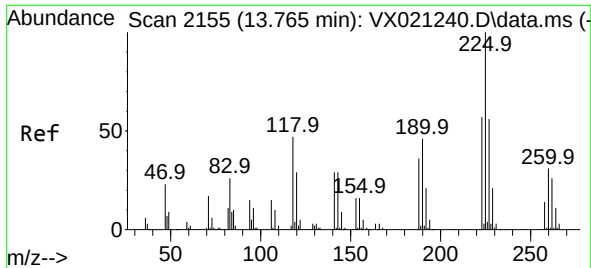
Tgt Ion: 75 Resp: 31986
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.65 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021401.D
Acq: 23 Mar 2021 22:24

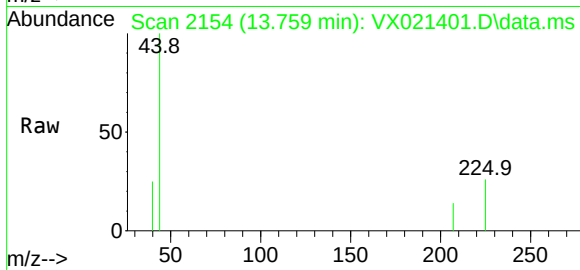
Tgt Ion: 75 Resp: 31986
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#94
 Hexachlorobutadiene
 Concen: 0.20 ug/l
 RT: 13.759 min Scan# 2154
 Delta R.T. -0.006 min
 Lab File: VX021401.D
 Acq: 23 Mar 2021 22:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBL02



Tgt Ion:225 Resp: 84
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.2#
 227 0.0 31.6 95.0#

