

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032621\
 Data File : VX021532.D
 Acq On : 26 Mar 2021 14:42
 Operator : JC/MD
 Sample : VX0326WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 27 04:51:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 Response via : Initial Calibration

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

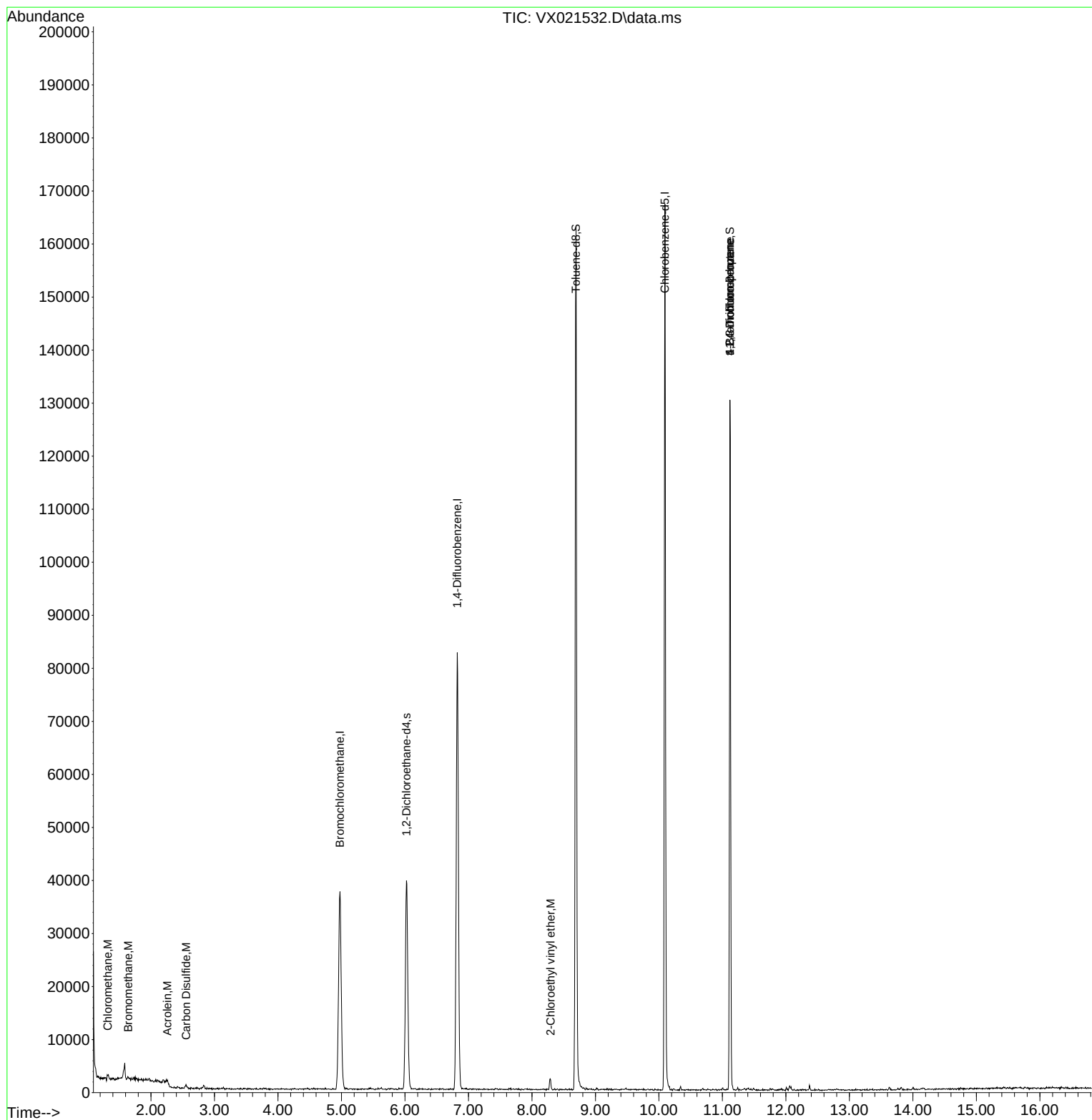
Internal Standards						
1) Bromochloromethane	4.976	128	14269	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.823	114	76469	30.00	ug/l	-0.01
57) Chlorobenzene-d5	10.094	117	68899	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.023	65	38914	29.20	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.33%
60) 4-Bromofluorobenzene	11.118	95	33696	27.81	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.70%
63) Toluene-d8	8.694	98	93494	30.21	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.70%
Target Compounds						
						Qvalue
3) Chloromethane	1.317	50	1143	0.94	ug/l	98
5) Bromomethane	1.640	94	141	0.33	ug/l #	70
13) Acrolein	2.258	56	83	0.51	ug/l #	1
16) Carbon Disulfide	2.552	76	792	0.33	ug/l #	75
55) 2-Chloroethyl vinyl ether	8.294	63	803	1.03	ug/l #	88
72) 1,2,3-Trichloropropane	11.118	75	19265	14.00	ug/l	39
77) t-1,4-Dichloro-2-butene	11.118	75	19265	43.83	ug/l #	11

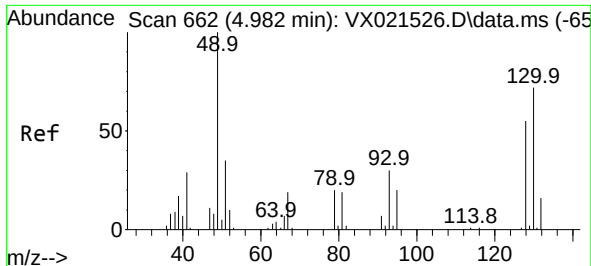
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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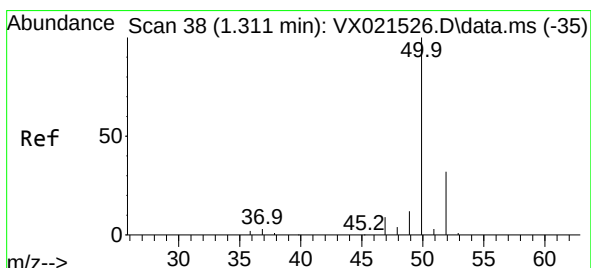
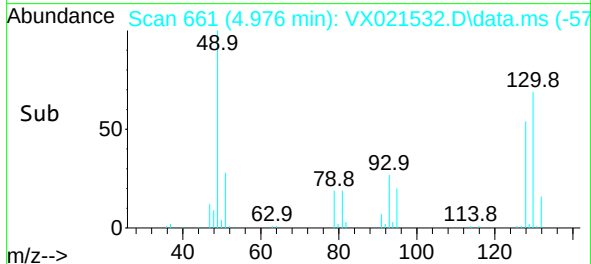
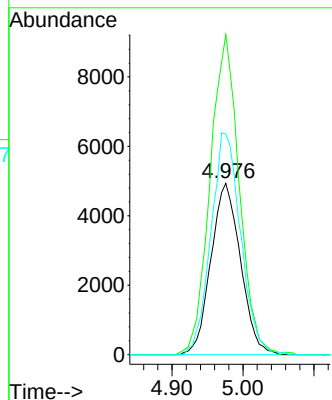
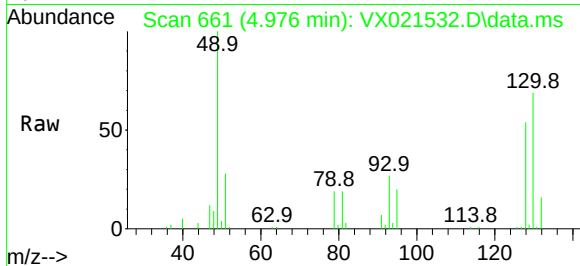




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.976 min Scan# 661
Delta R.T. -0.006 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

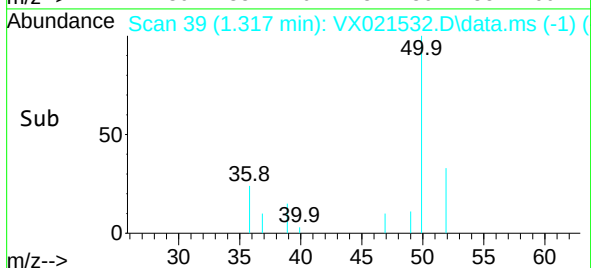
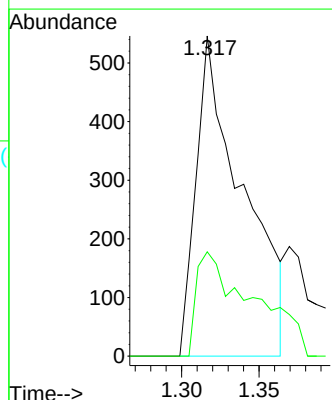
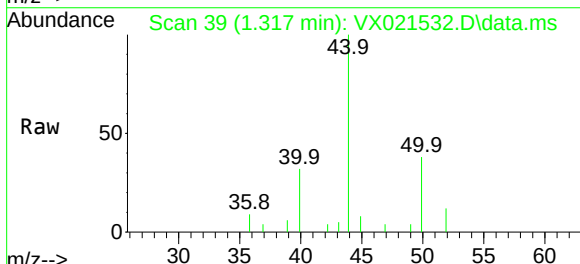
Instrument :
MSVOA_X
ClientSampleId :

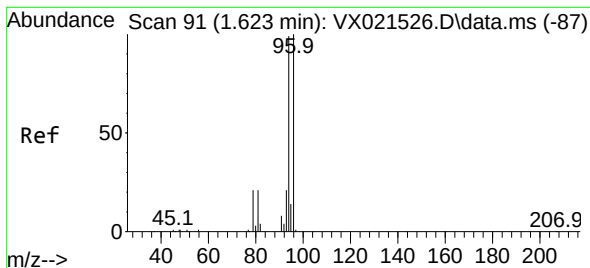
Tgt Ion:128 Resp: 14269
Ion Ratio Lower Upper
128 100
49 183.2 0.0 367.5
130 130.7 0.0 318.8



#3
Chloromethane
Concen: 0.94 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

Tgt Ion: 50 Resp: 1143
Ion Ratio Lower Upper
50 100
52 32.6 26.9 40.3

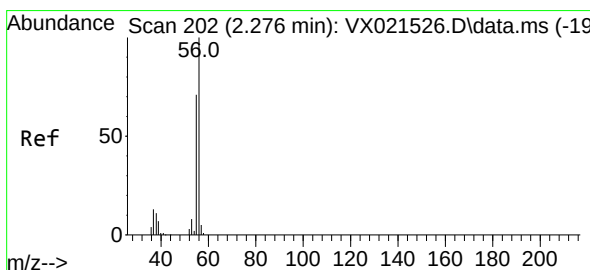
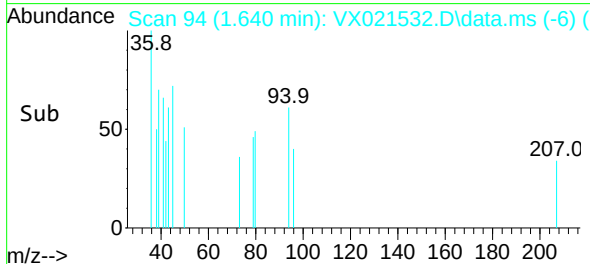
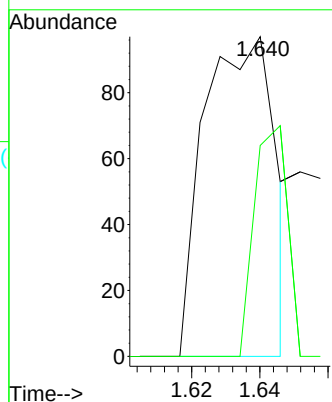
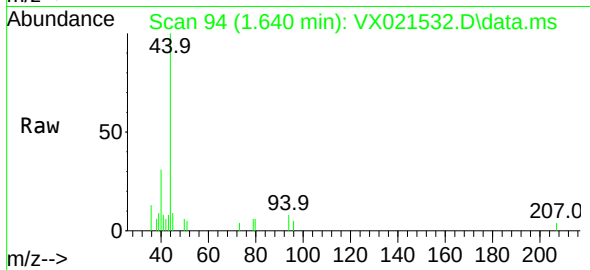




#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

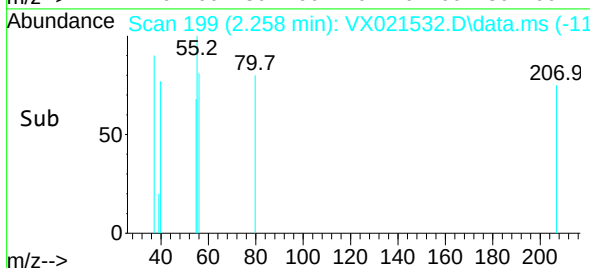
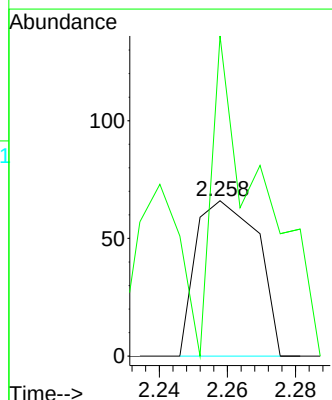
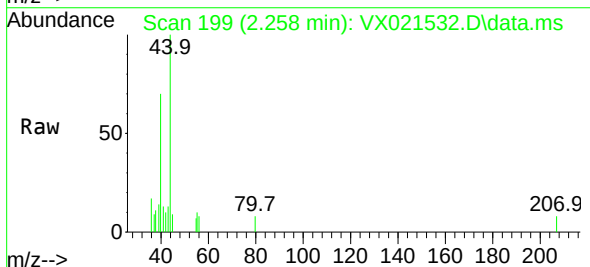
Instrument :
MSVOA_X
ClientSampled :

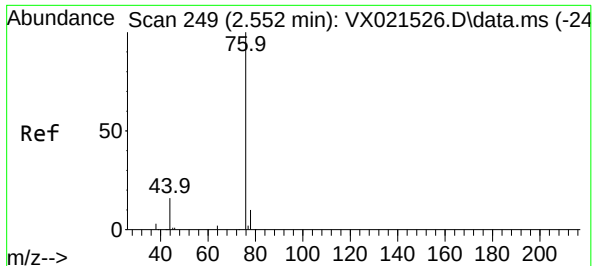
Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 66.0 76.6 114.8#



#13
Acrolein
Concen: 0.51 ug/l
RT: 2.258 min Scan# 199
Delta R.T. -0.018 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

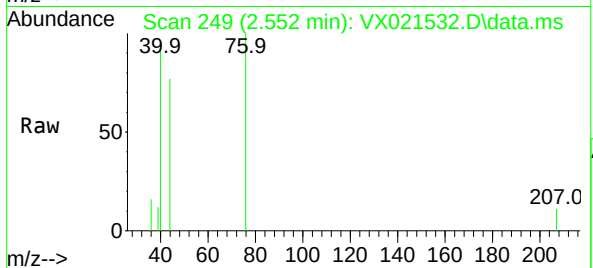
Tgt Ion: 56 Resp: 83
Ion Ratio Lower Upper
56 100
55 163.9 56.3 84.5#



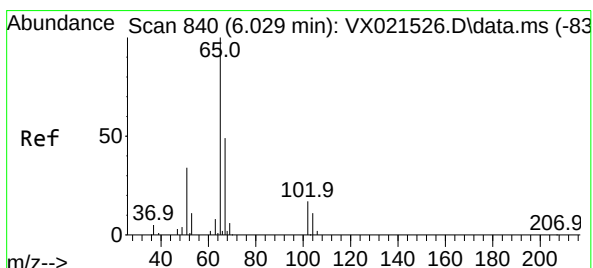
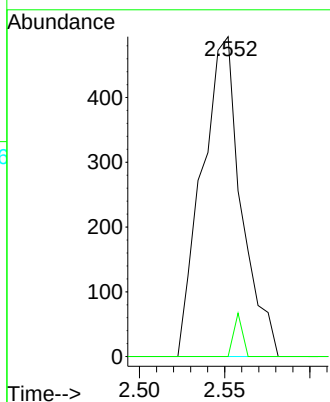
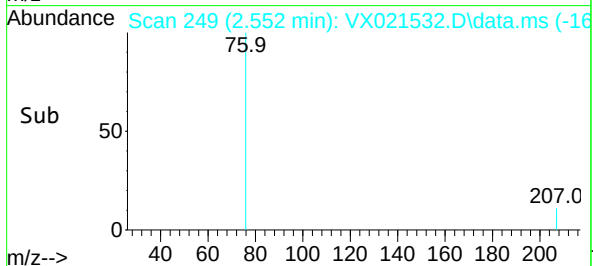


#16
Carbon Disulfide
Concen: 0.33 ug/l
RT: 2.552 min Scan# 249
Delta R.T. -0.000 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

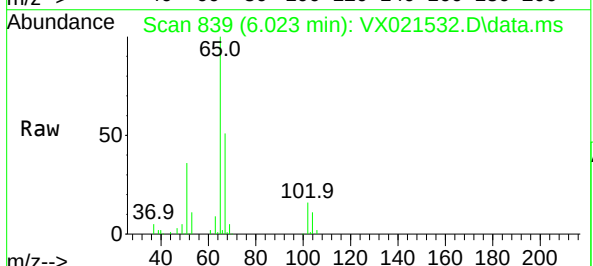
Instrument :
MSVOA_X
ClientSampled :



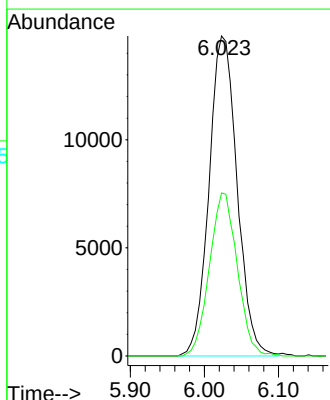
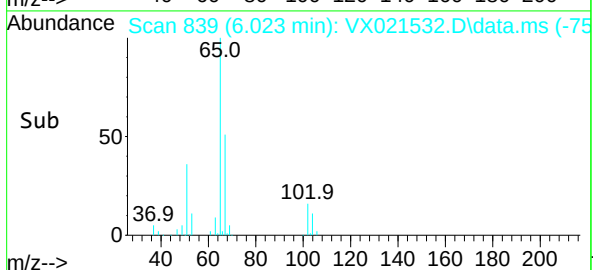
Tgt Ion: 76 Resp: 792
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

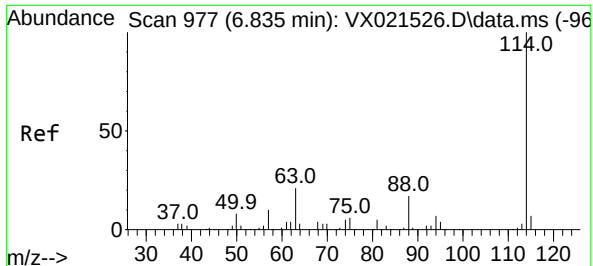


#27
1,2-Dichloroethane-d4
Concen: 29.20 ug/l
RT: 6.023 min Scan# 839
Delta R.T. -0.006 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42



Tgt Ion: 65 Resp: 38914
Ion Ratio Lower Upper
65 100
67 50.6 41.9 62.9

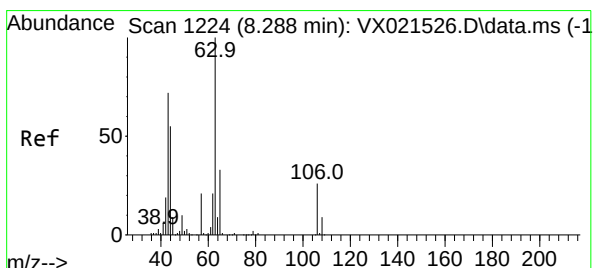
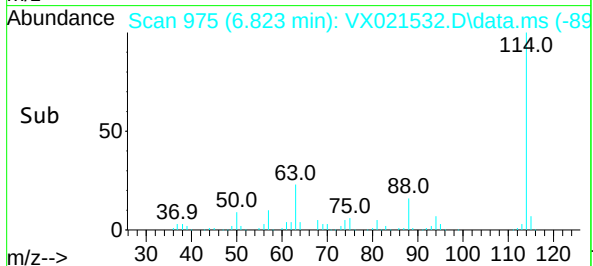
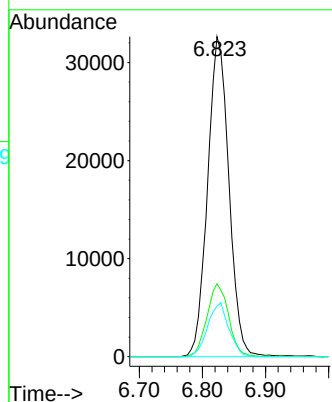
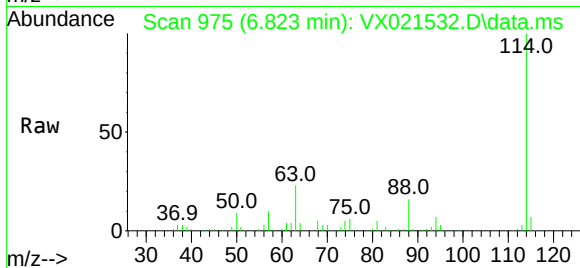




#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.823 min Scan# 975
Delta R.T. -0.012 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

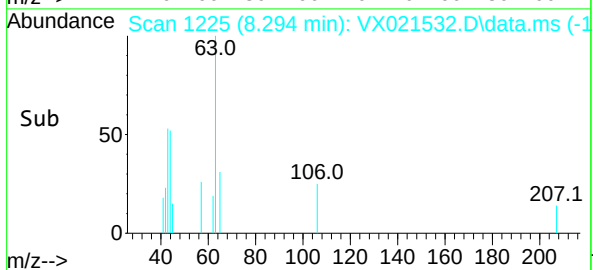
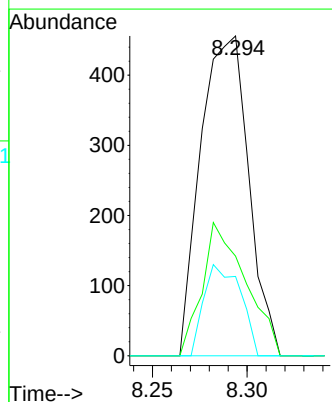
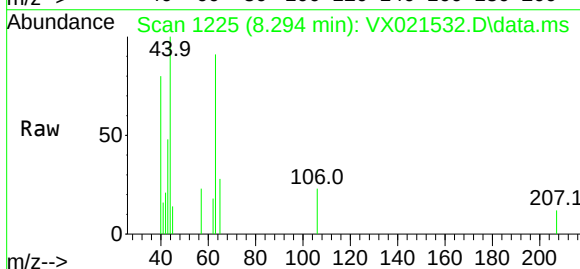
Instrument :
MSVOA_X
ClientSampleId :

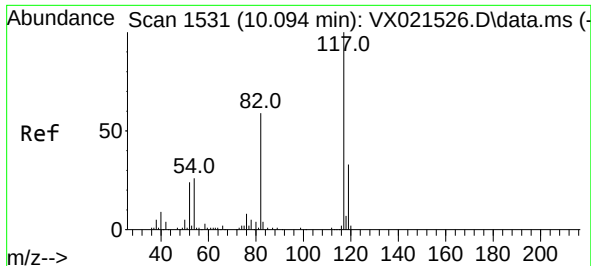
Tgt Ion:114 Resp: 76469
Ion Ratio Lower Upper
114 100
63 23.1 16.2 24.2
88 16.7 13.0 19.6



#55
2-Chloroethyl vinyl ether
Concen: 1.03 ug/l
RT: 8.294 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

Tgt Ion: 63 Resp: 803
Ion Ratio Lower Upper
63 100
65 37.7 25.9 38.9
106 21.8 23.9 35.9#

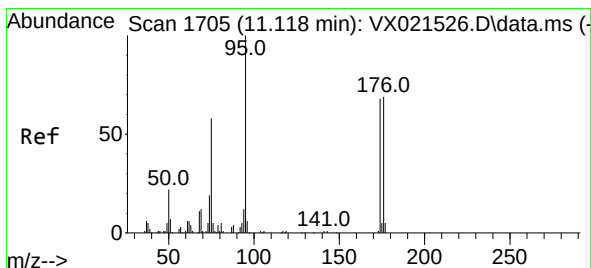
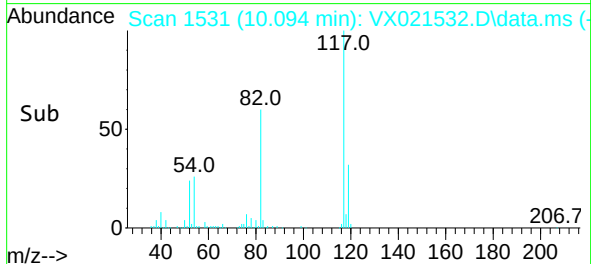
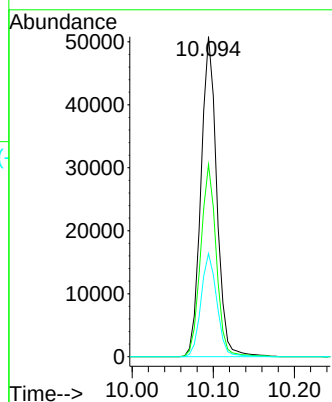
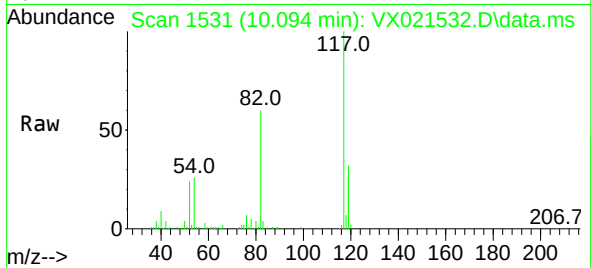




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

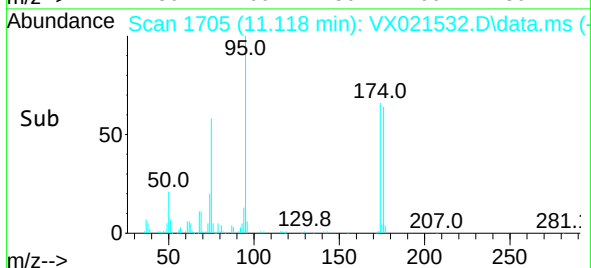
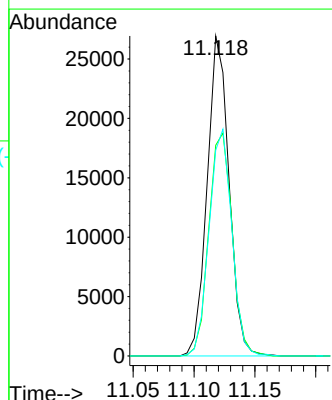
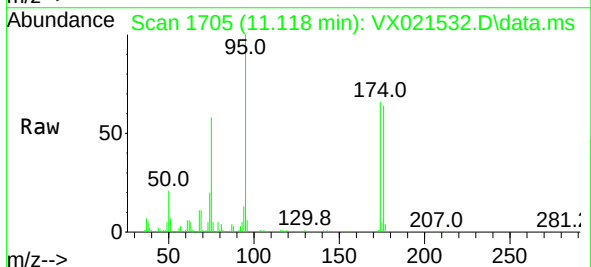
Instrument :
MSVOA_X
ClientSampleId :

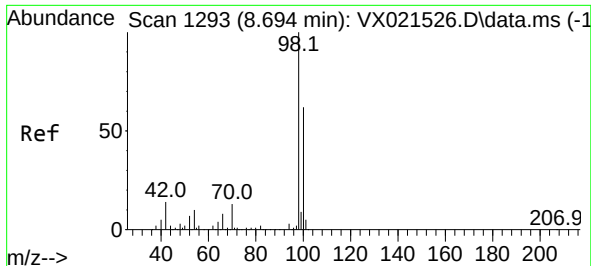
Tgt Ion:	117	Resp:	68899
Ion	Ratio	Lower	Upper
117	100		
82	59.4	45.0	67.6
119	32.4	25.6	38.4



#60
4-Bromofluorobenzene
Concen: 27.81 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

Tgt Ion:	95	Resp:	33696
Ion	Ratio	Lower	Upper
95	100		
174	74.3	63.0	94.4
176	73.4	59.9	89.9

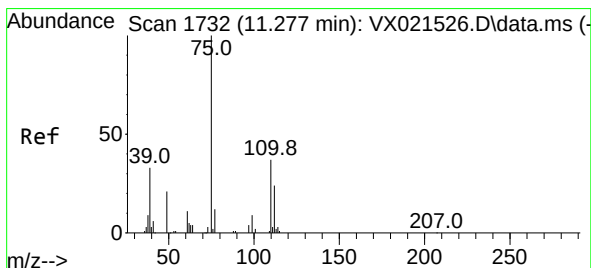
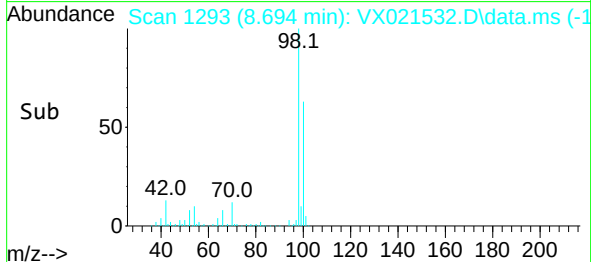
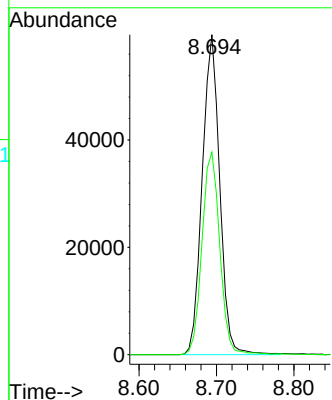
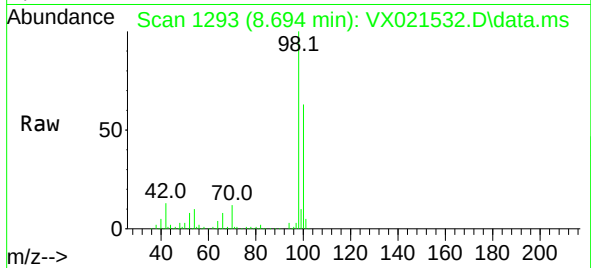




#63
Toluene-d8
Concen: 30.21 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

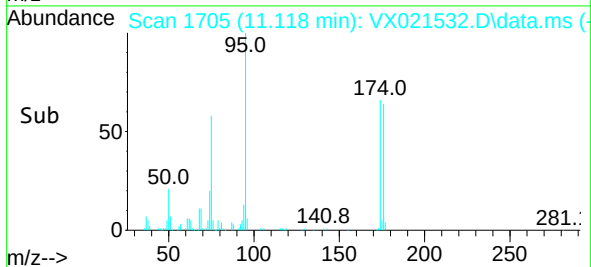
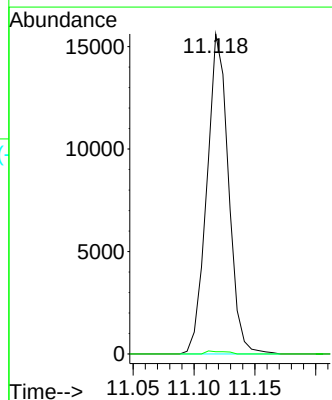
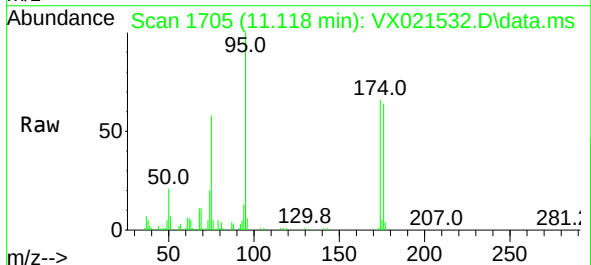
Instrument :
MSVOA_X
ClientSampled :

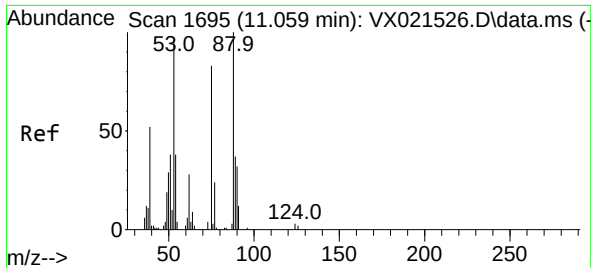
Tgt Ion: 98 Resp: 93494
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4



#72
1,2,3-Trichloropropane
Concen: 14.00 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021532.D
Acq: 26 Mar 2021 14:42

Tgt Ion: 75 Resp: 19265
Ion Ratio Lower Upper
75 100
77 0.7 0.0 74.6





#77
 t-1,4-Dichloro-2-butene
 Concen: 43.83 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021532.D
 Acq: 26 Mar 2021 14:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 19265
 Ion Ratio Lower Upper
 75 100
 53 0.0 48.4 145.0#
 89 0.0 22.7 68.0#

