

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032221\
 Data File : VX021360.D
 Acq On : 22 Mar 2021 15:57
 Operator : JC/MD
 Sample : M1735-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 23 02:01:46 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)

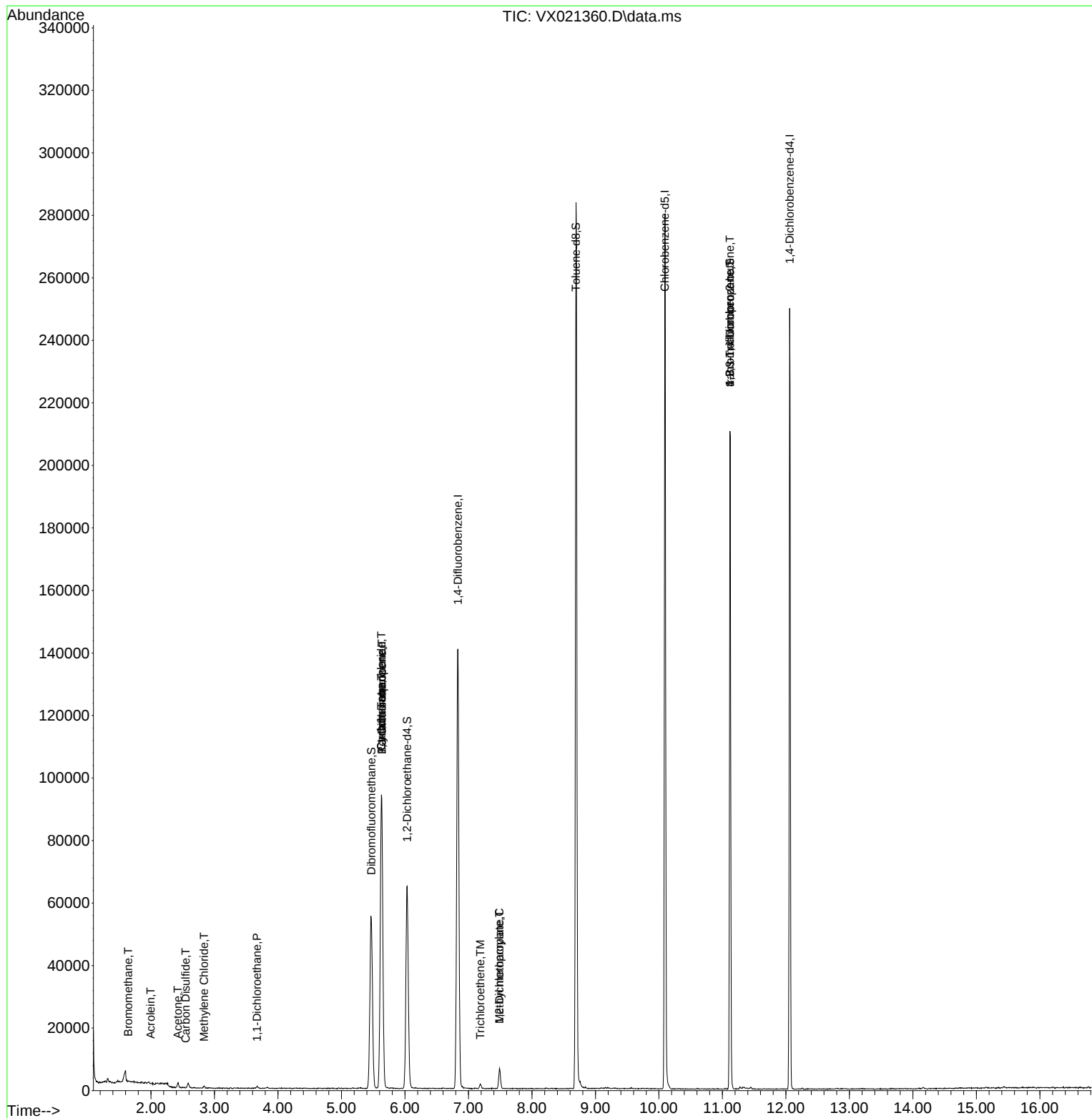
Internal Standards						
1) Pentafluorobenzene	5.635	168	81856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	132610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	64204	47.82	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.64%
35) Dibromofluoromethane	5.470	113	45651	50.59	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.18%
50) Toluene-d8	8.694	98	163558	49.96	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.92%
62) 4-Bromofluorobenzene	11.118	95	55955	44.01	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.02%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1850	Below Cal	#	88
5) Bromomethane	1.640	94	108	0.25	ug/l	91
13) Acrolein	1.993	56	22	3.29	ug/l #	14
16) Acetone	2.422	43	1479	2.99	ug/l #	79
17) Carbon Disulfide	2.546	76	72	0.57	ug/l #	75
20) Methylene Chloride	2.834	84	315	0.31	ug/l #	66
24) 1,1-Dichloroethane	3.670	63	724	0.41	ug/l #	81
31) Cyclohexane	5.629	56	2359	1.45	ug/l #	51
36) 1,1-Dichloropropene	5.635	75	7473	5.59	ug/l #	50
38) Carbon Tetrachloride	5.629	117	9000	6.49	ug/l #	16
44) Trichloroethene	7.188	130	475	0.49	ug/l	99
45) 1,2-Dichloropropane	7.488	63	2210	2.23	ug/l	96
48) Methyl methacrylate	7.488	41	1527	1.13	ug/l #	21
76) 1,2,3-Trichloropropane	11.118	75	31941	29.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31941	79.37	ug/l #	12

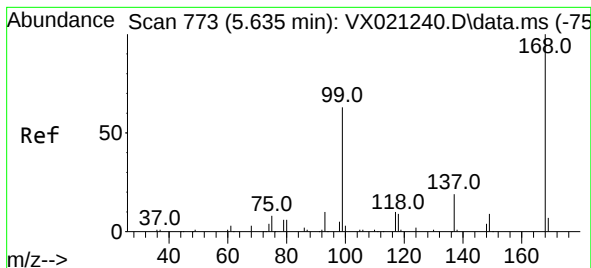
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.635 min Scan# 773

Delta R.T. -0.000 min

Lab File: VX021360.D

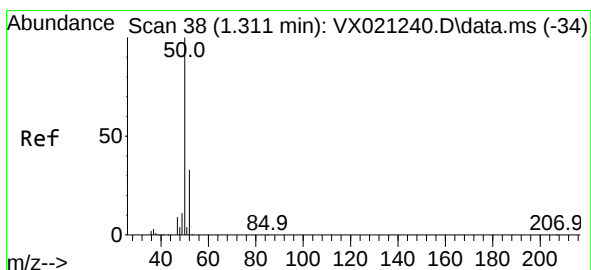
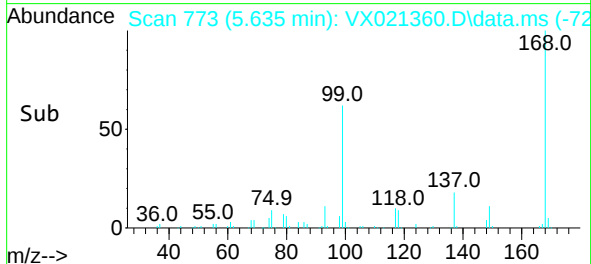
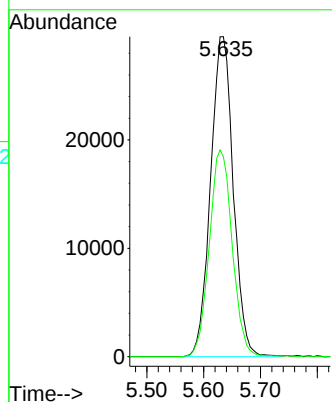
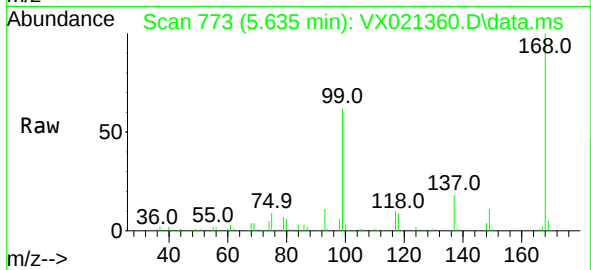
Acq: 22 Mar 2021 15:57

Tgt Ion:168 Resp: 81856

Ion Ratio Lower Upper

168 100

99 62.5 45.8 68.6



#3

Chloromethane

Concen: Below Cal

RT: 1.316 min Scan# 39

Delta R.T. 0.005 min

Lab File: VX021360.D

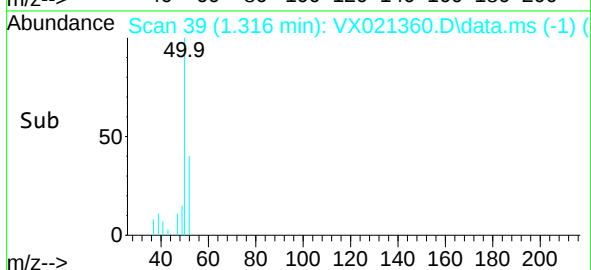
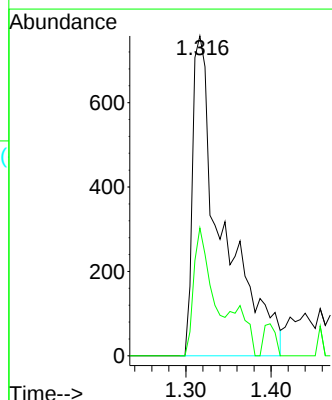
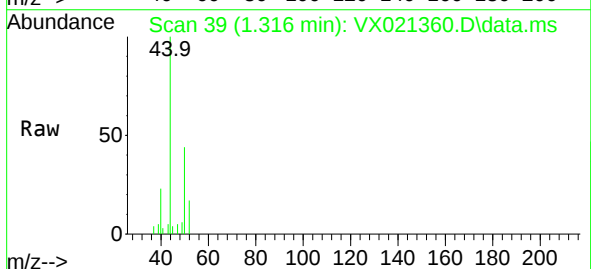
Acq: 22 Mar 2021 15:57

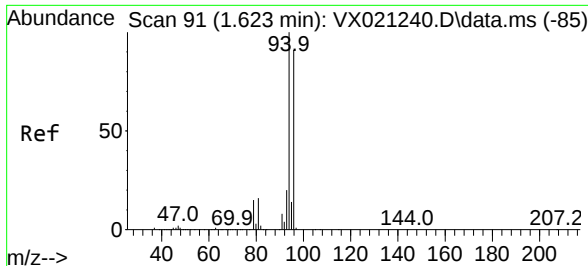
Tgt Ion: 50 Resp: 1850

Ion Ratio Lower Upper

50 100

52 40.0 26.4 39.6#

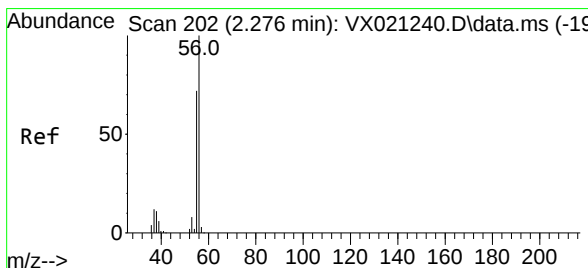
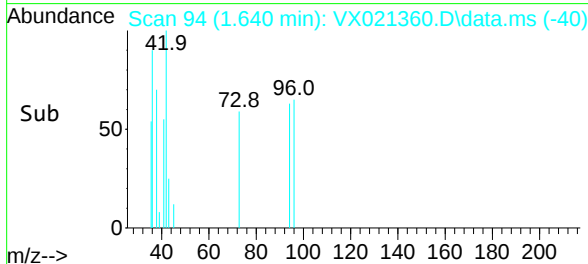
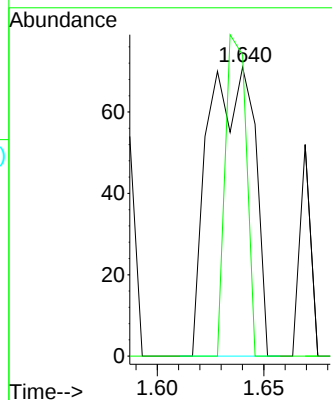
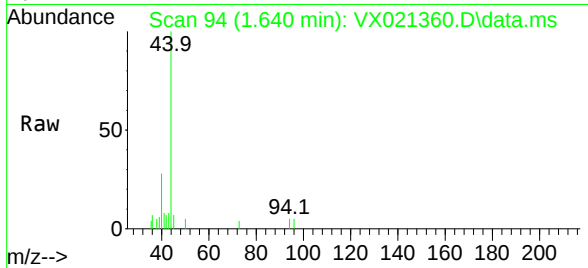




#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

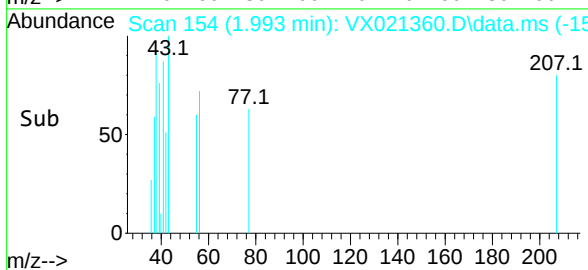
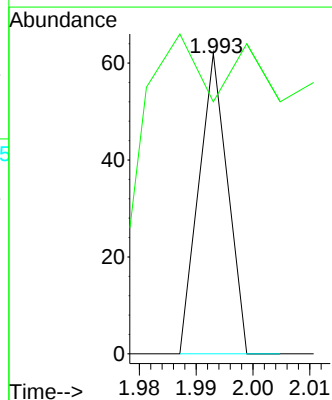
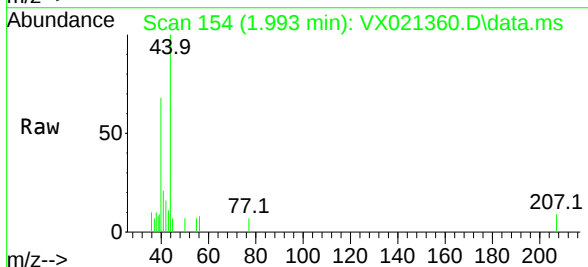
Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 104.2 76.4 114.6



#13
Acrolein
Concen: 3.29 ug/l
RT: 1.993 min Scan# 154
Delta R.T. -0.283 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

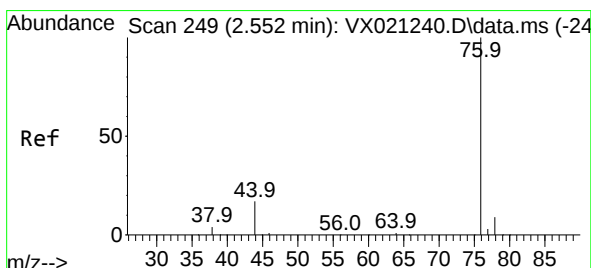
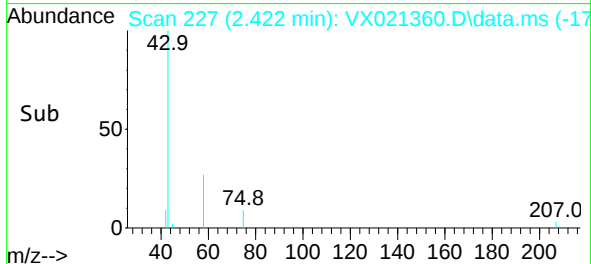
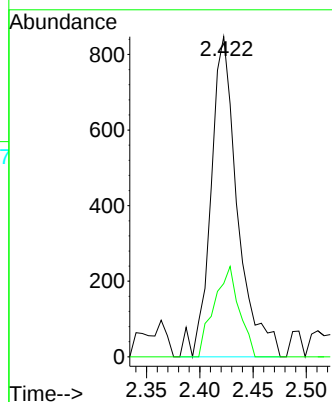
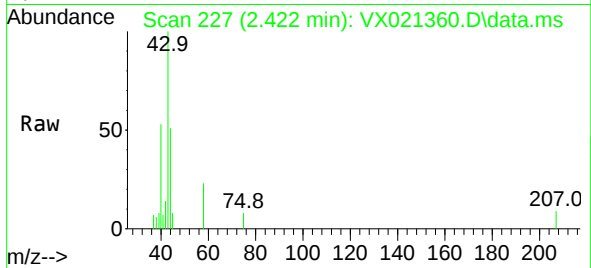




#16
Acetone
Concen: 2.99 ug/l
RT: 2.422 min Scan# 227
Delta R.T. -0.001 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

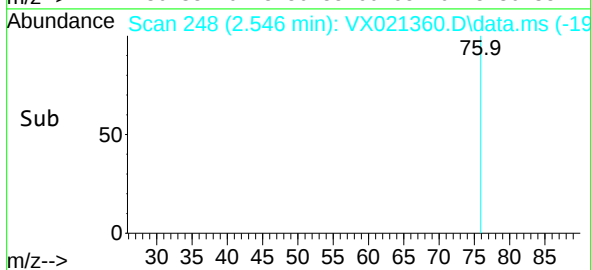
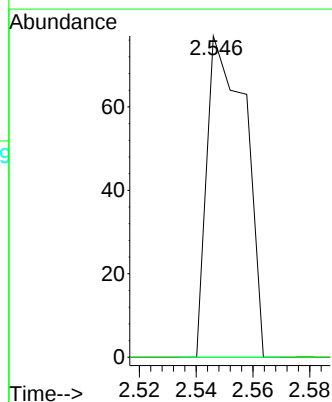
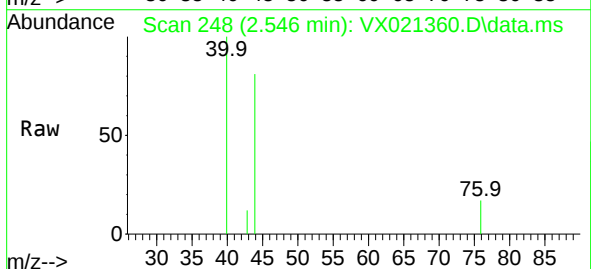
Instrument :
MSVOA_X
ClientSampled :

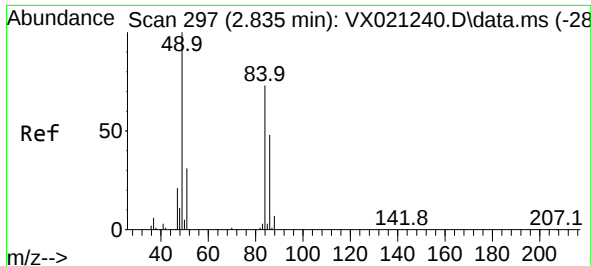
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 22.9 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.57 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion: 76 Resp: 72
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.31 ug/l

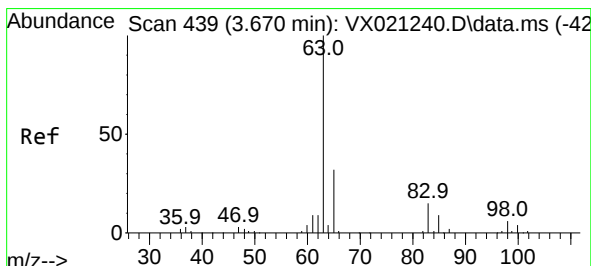
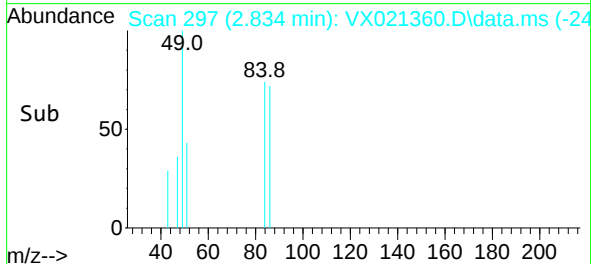
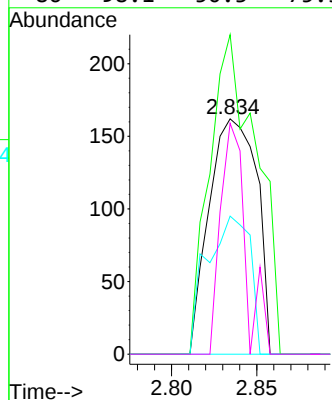
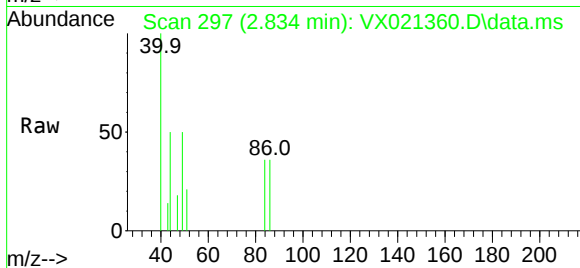
RT: 2.834 min Scan# 297

Delta R.T. -0.001 min

Lab File: VX021360.D

Acq: 22 Mar 2021 15:57

Tgt Ion:	84	Resp:	315
Ion	Ratio	Lower	Upper
84	100		
49	135.8	88.6	132.8#
51	58.6	27.0	40.6#
86	98.1	50.3	75.5#



#24

1,1-Dichloroethane

Concen: 0.41 ug/l

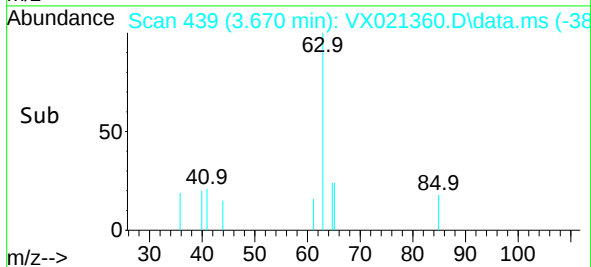
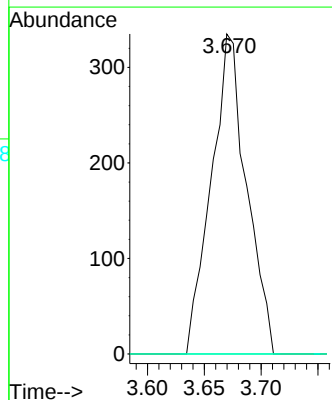
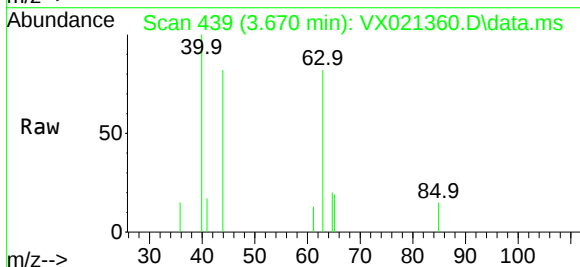
RT: 3.670 min Scan# 439

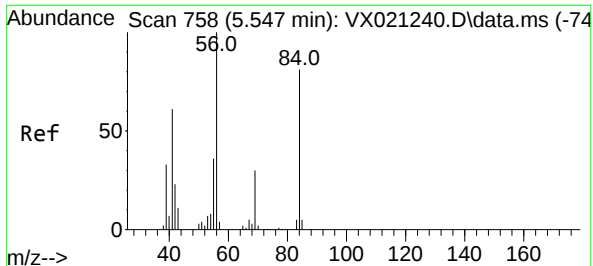
Delta R.T. -0.000 min

Lab File: VX021360.D

Acq: 22 Mar 2021 15:57

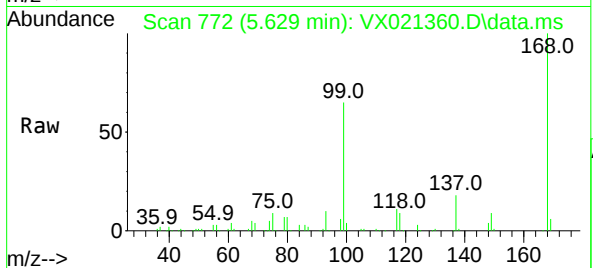
Tgt Ion:	63	Resp:	724
Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.8	11.2#
100	0.0	2.5	7.5#



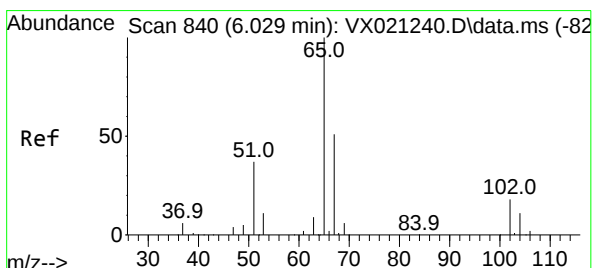
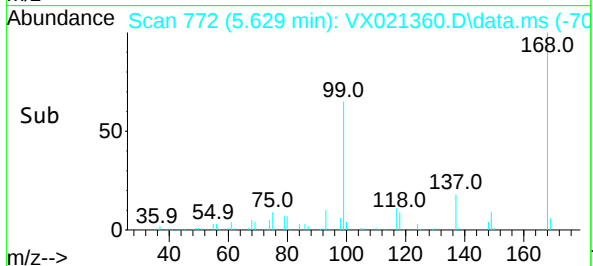
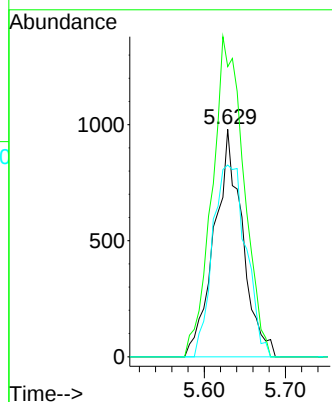


#31
Cyclohexane
Concen: 1.45 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.082 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Instrument :
MSVOA_X
ClientSampleId :

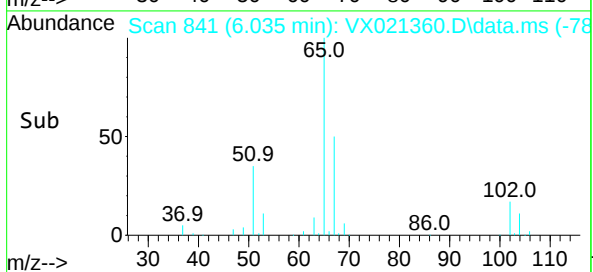
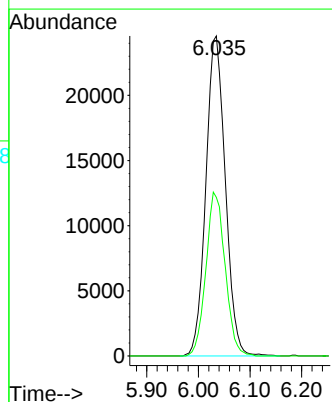
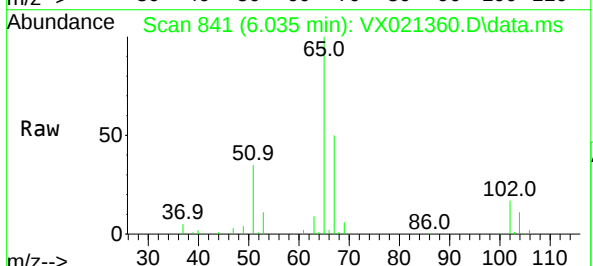


Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
69 127.6 25.3 37.9#
84 84.3 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 47.82 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion: 65 Resp: 64204
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.4

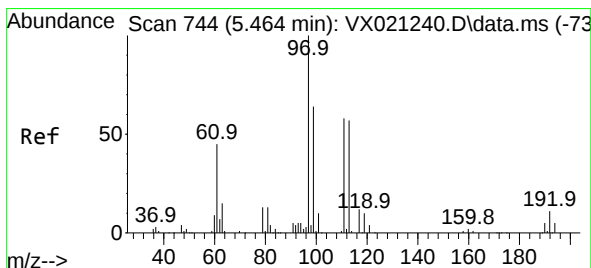
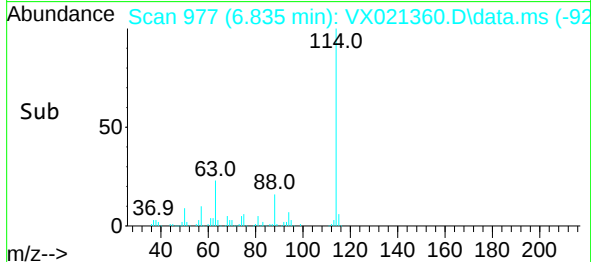
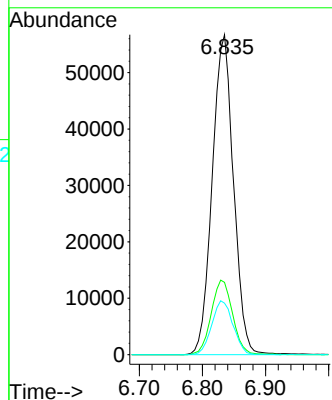
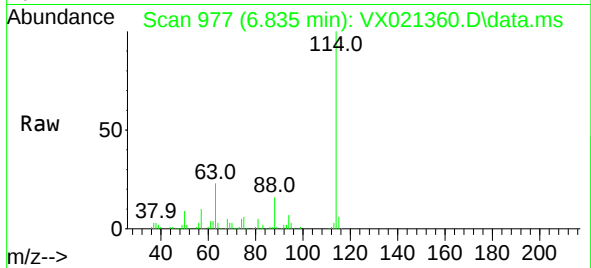




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

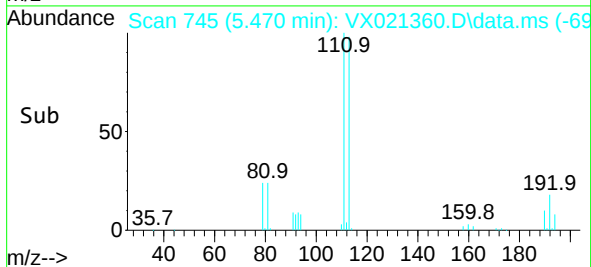
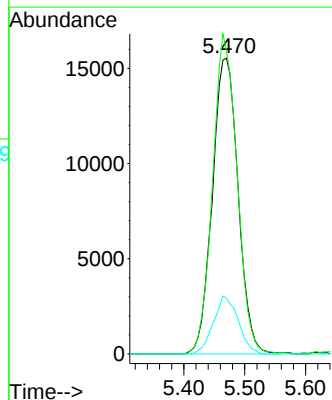
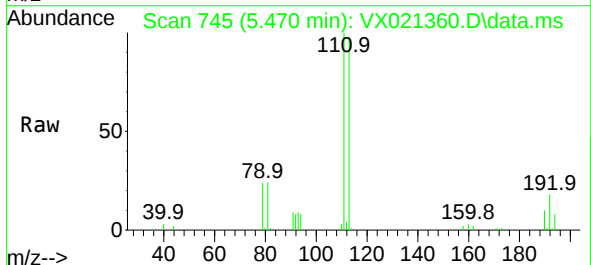
Instrument :
MSVOA_X
ClientSampled :

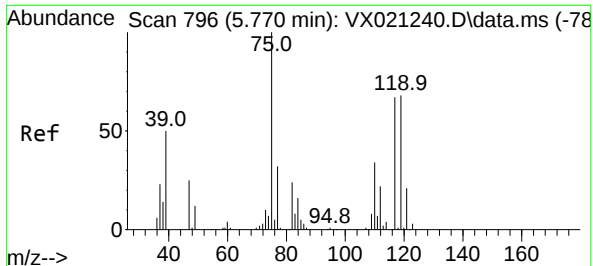
Tgt Ion:114 Resp: 132610
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.59 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion:113 Resp: 45651
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 18.8 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.59 ug/l

RT: 5.635 min Scan# 773

Delta R.T. -0.135 min

Lab File: VX021360.D

Acq: 22 Mar 2021 15:57

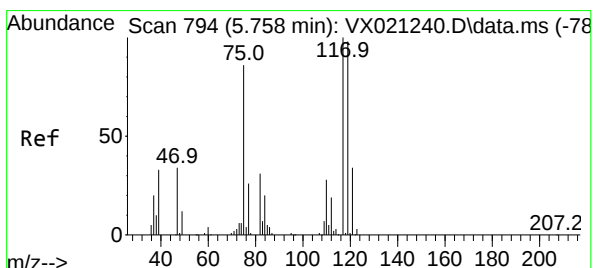
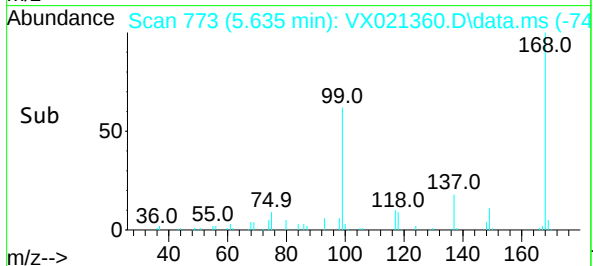
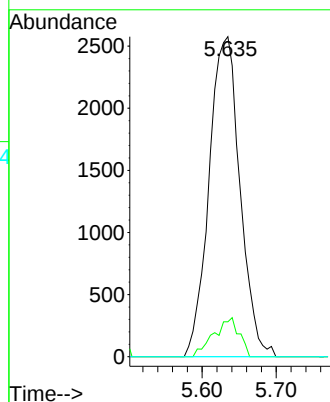
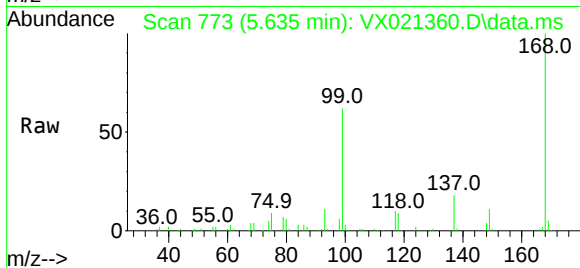
Tgt Ion: 75 Resp: 7473

Ion Ratio Lower Upper

75 100

110 10.0 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: VX021360.D

Acq: 22 Mar 2021 15:57

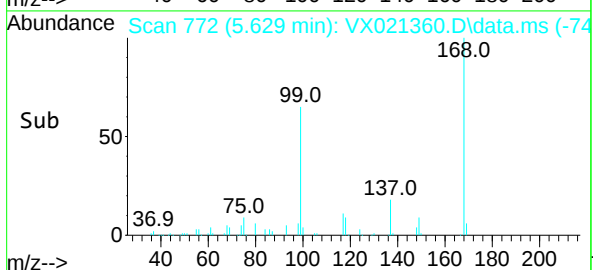
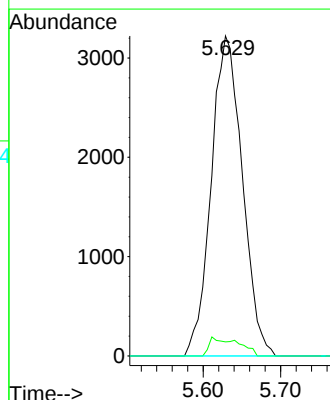
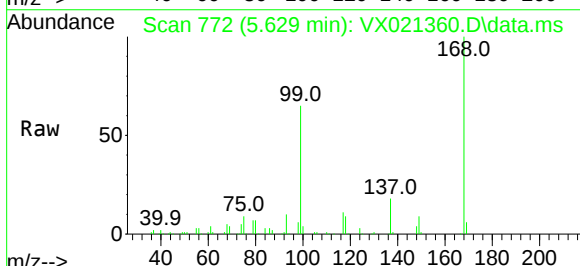
Tgt Ion: 117 Resp: 9000

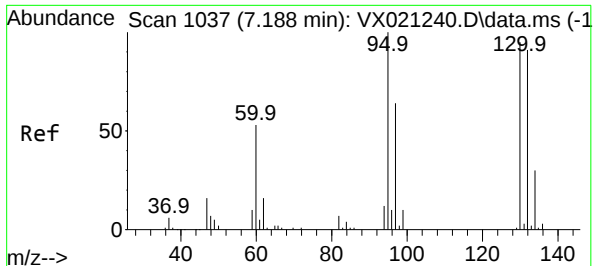
Ion Ratio Lower Upper

117 100

119 4.4 76.2 114.2#

121 0.0 24.8 37.2#

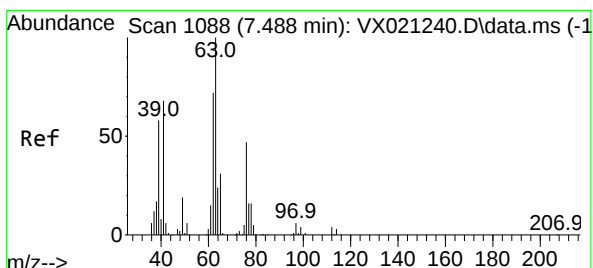
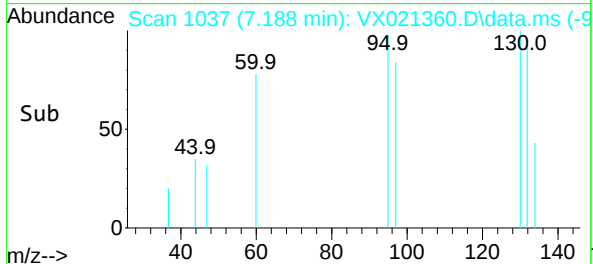
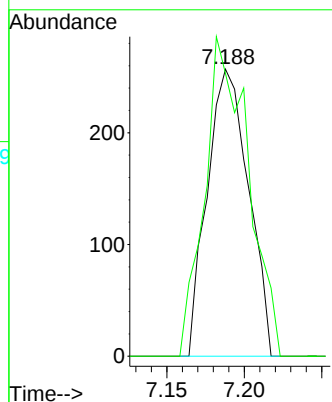
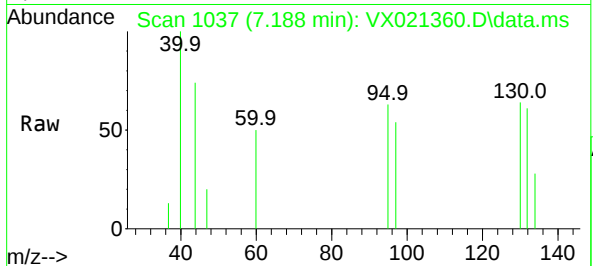




#44
Trichloroethene
Concen: 0.49 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

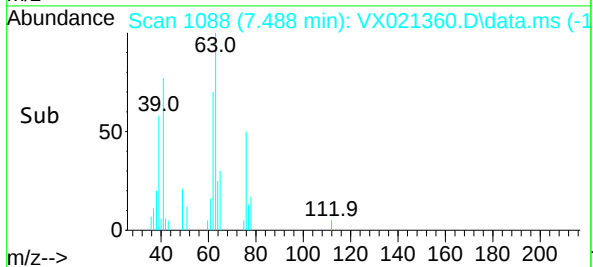
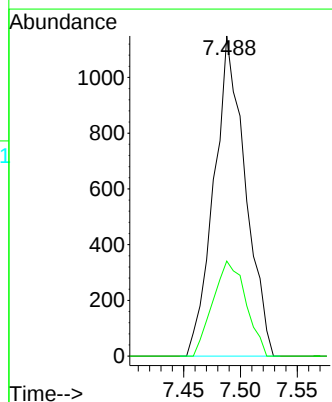
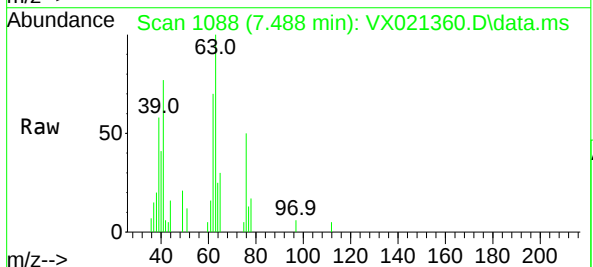
Instrument :
MSVOA_X
ClientSampled :

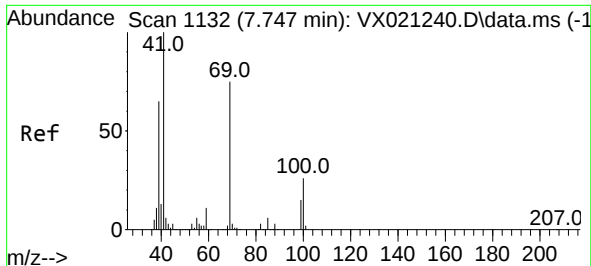
Tgt Ion:130 Resp: 475
Ion Ratio Lower Upper
130 100
95 98.4 0.0 198.0



#45
1,2-Dichloropropane
Concen: 2.23 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

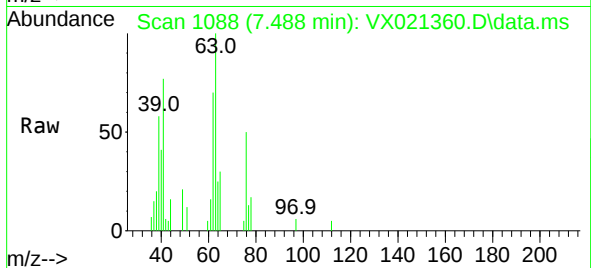
Tgt Ion: 63 Resp: 2210
Ion Ratio Lower Upper
63 100
65 29.7 25.7 38.5



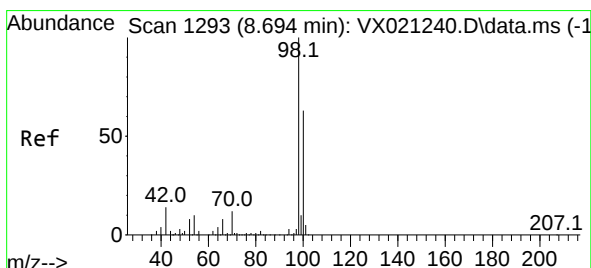
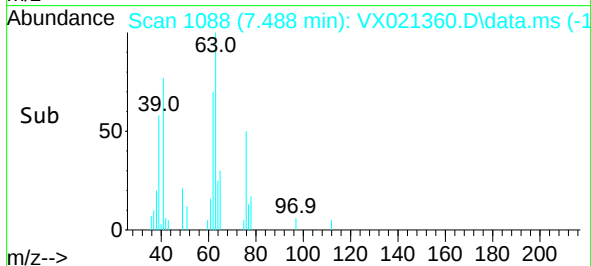
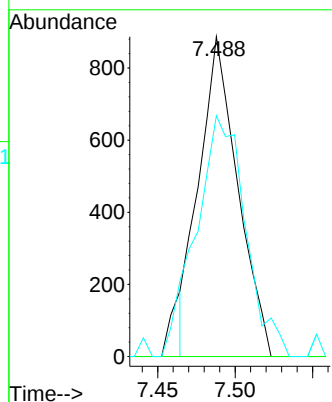


#48
Methyl methacrylate
Concen: 1.13 ug/l
RT: 7.488 min Scan# 1088
Delta R.T. -0.259 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Instrument :
MSVOA_X
ClientSampleId :

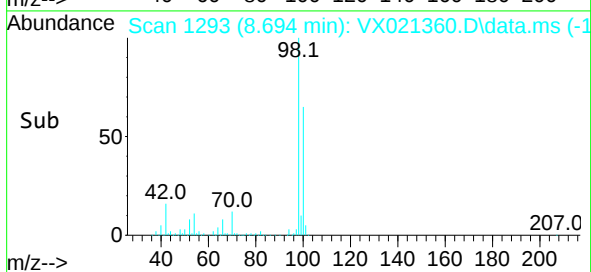
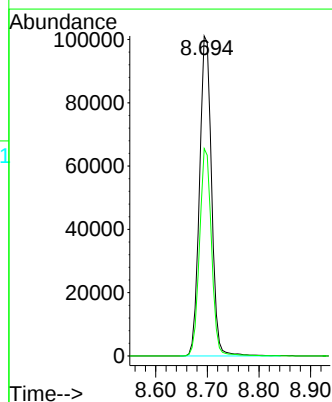
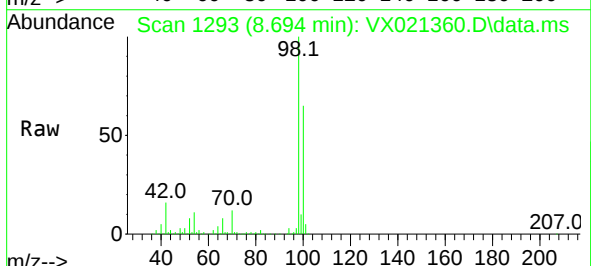


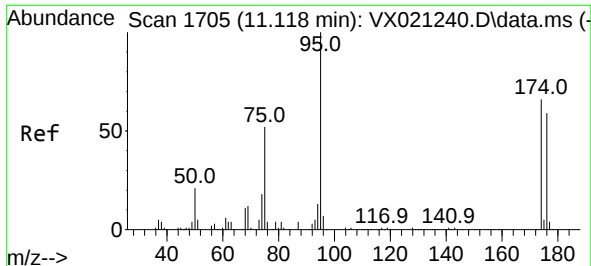
Tgt Ion: 41 Resp: 1527
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 90.8 44.6 67.0#



#50
Toluene-d8
Concen: 49.96 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion: 98 Resp: 163558
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

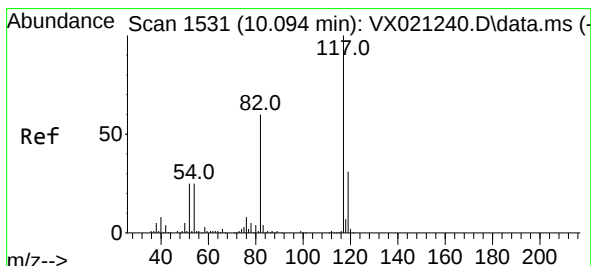
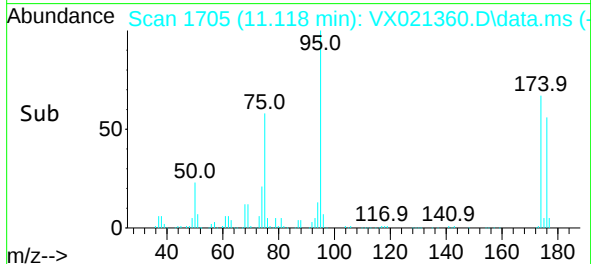
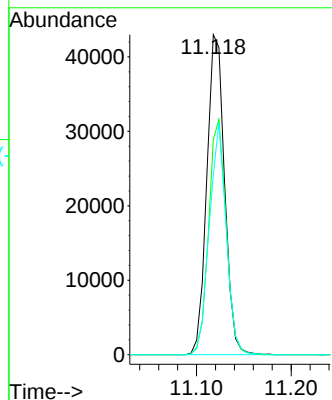
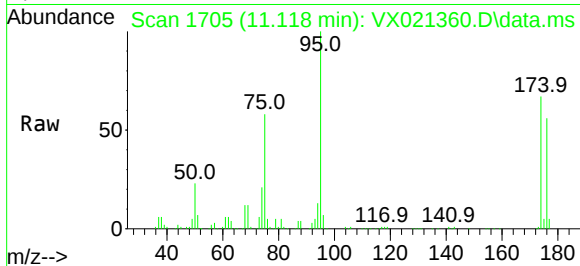




#62
4-Bromofluorobenzene
Concen: 44.01 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

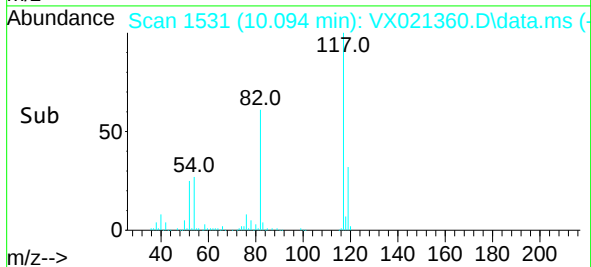
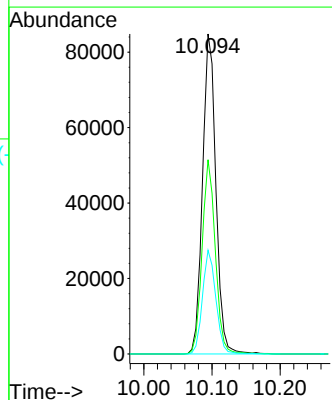
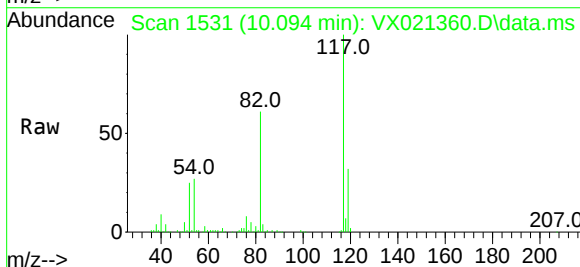
Instrument :
MSVOA_X
ClientSampled :

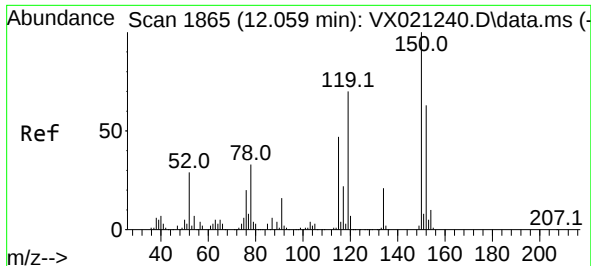
Tgt Ion: 95 Resp: 55955
Ion Ratio Lower Upper
95 100
174 72.3 0.0 154.6
176 68.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

Tgt Ion: 117 Resp: 115592
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.4 26.6 39.8

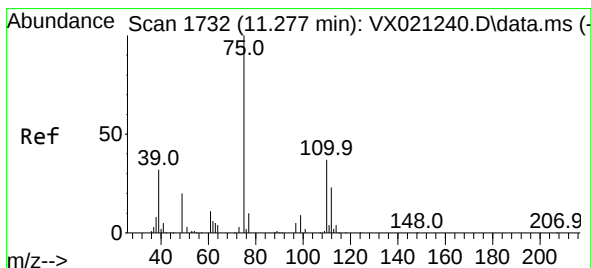
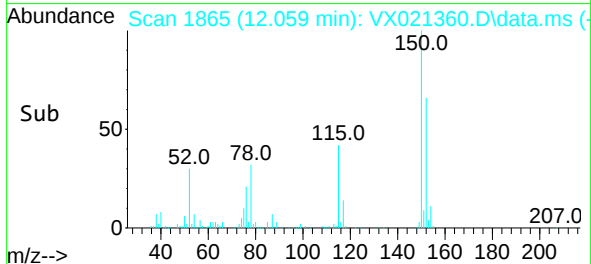
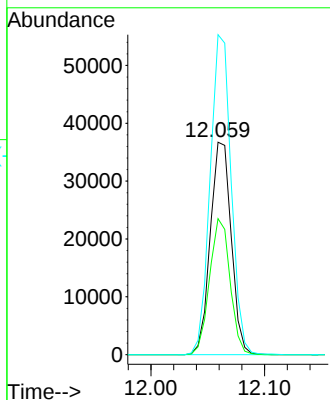
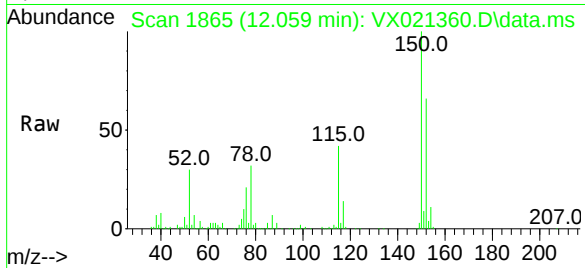




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

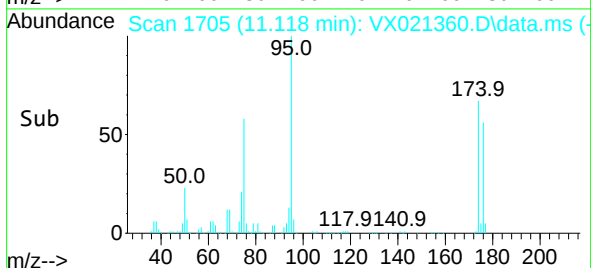
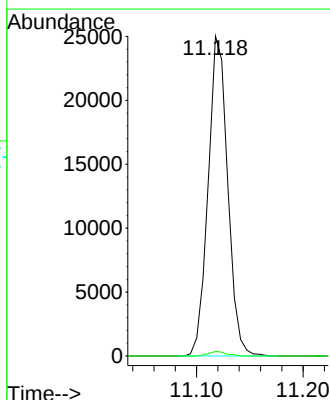
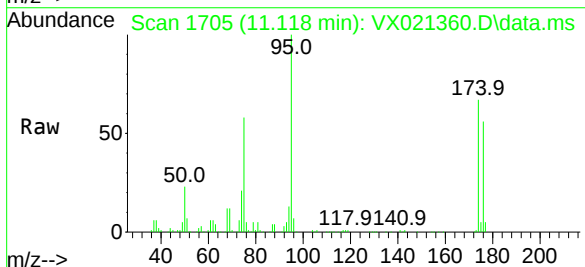
Instrument :
MSVOA_X
ClientSampled :

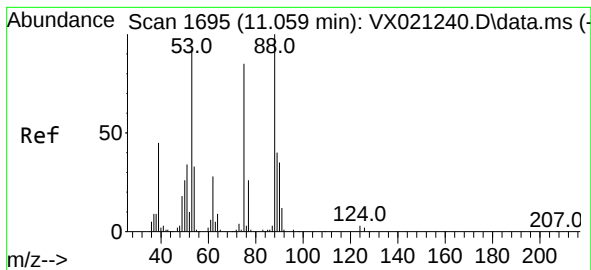
Tgt Ion:152 Resp: 47099
Ion Ratio Lower Upper
152 100
115 62.6 41.1 123.3
150 151.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.23 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021360.D
Acq: 22 Mar 2021 15:57

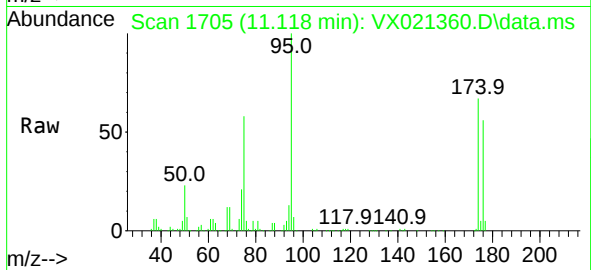
Tgt Ion: 75 Resp: 31941
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.37 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021360.D
 Acq: 22 Mar 2021 15:57

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31941
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

