

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072721\
 Data File : VX023467.D
 Acq On : 27 Jul 2021 11:02
 Operator : JC/MD
 Sample : VX0727MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 28 00:49:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

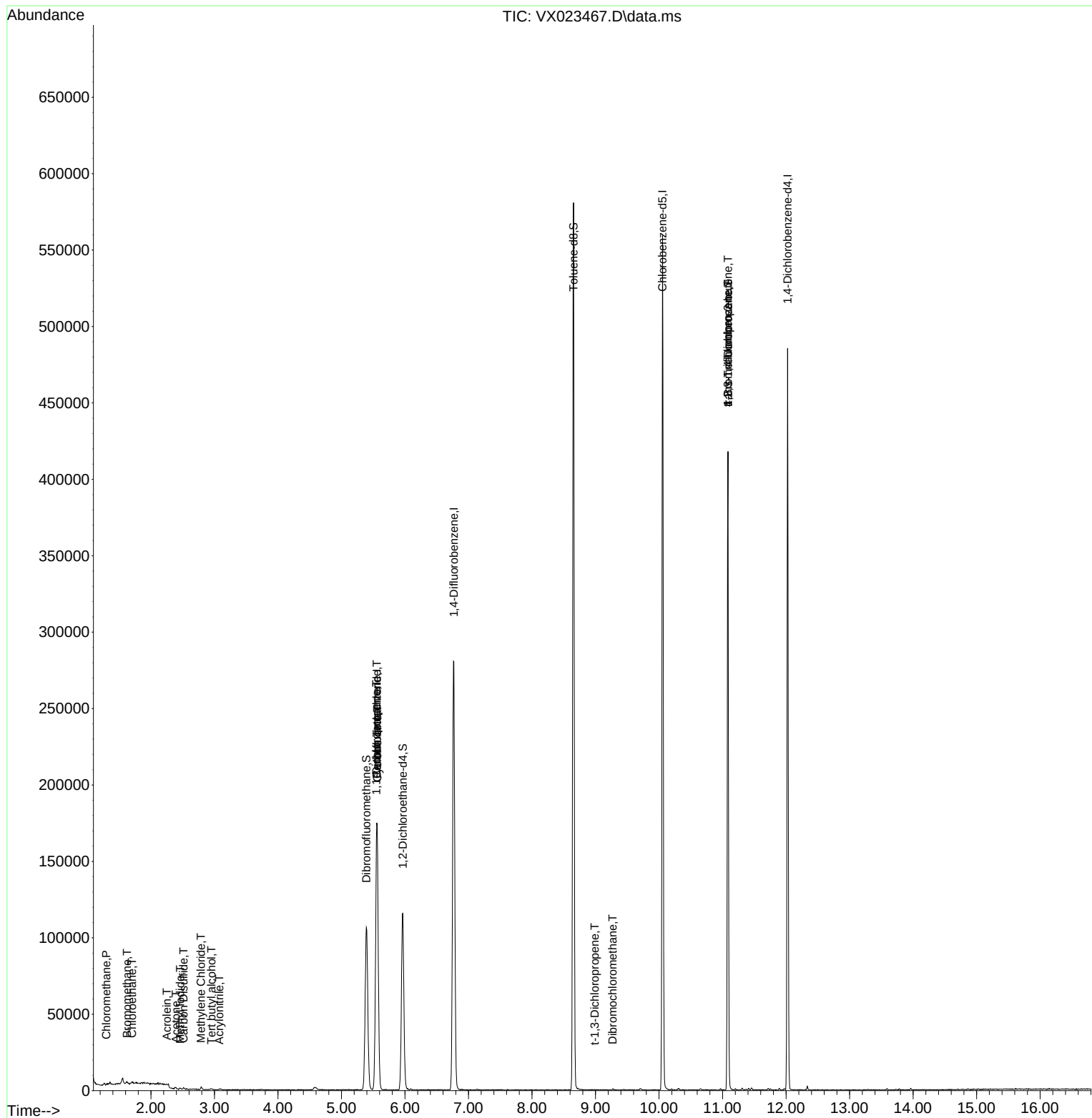
Internal Standards						
1) Pentafluorobenzene	5.556	168	169153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	287538	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111232	52.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.440%
35) Dibromofluoromethane	5.391	113	92792	51.614	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.220%
50) Toluene-d8	8.653	98	339329	51.373	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.740%
62) 4-Bromofluorobenzene	11.085	95	102761	45.752	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.500%
Target Compounds						Qvalue
3) Chloromethane	1.295	50	488	0.269	ug/l	# 74
5) Bromomethane	1.624	94	722	0.663	ug/l	86
6) Chloroethane	1.703	64	438	0.389	ug/l	# 43
10) Methyl Iodide	2.459	142	881	0.420	ug/l	97
11) Tert butyl alcohol	2.953	59	339	0.703	ug/l	# 73
13) Acrolein	2.252	56	145	1.952	ug/l	# 47
15) Acrylonitrile	3.075	53	319	0.293	ug/l	# 82
16) Acetone	2.392	43	1071	1.035	ug/l	# 70
17) Carbon Disulfide	2.514	76	1125	0.275	ug/l	99
20) Methylene Chloride	2.788	84	784	0.389	ug/l	# 88
31) Cyclohexane	5.562	56	3632	1.162	ug/l	# 30
36) 1,1-Dichloropropene	5.550	75	12800	4.921	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	16947	6.407	ug/l	# 15
53) t-1,3-Dichloropropene	8.988	75	122	1.854	ug/l	# 44
60) Dibromochloromethane	9.269	129	176	2.062	ug/l	# 11
76) 1,2,3-Trichloropropane	11.085	75	52997	25.216	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	52997	67.803	ug/l	# 12

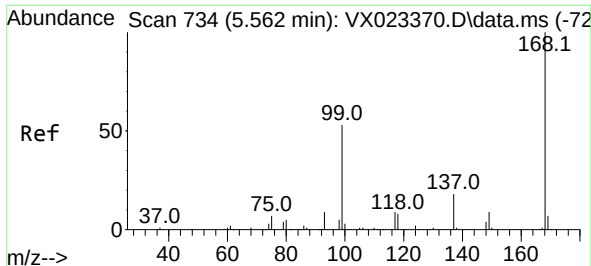
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

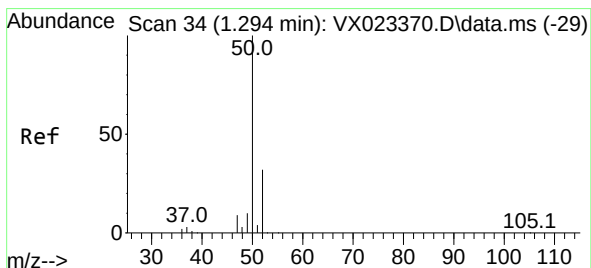
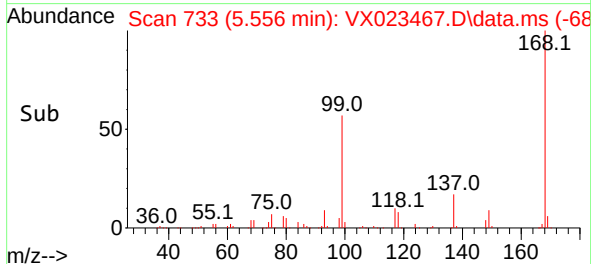
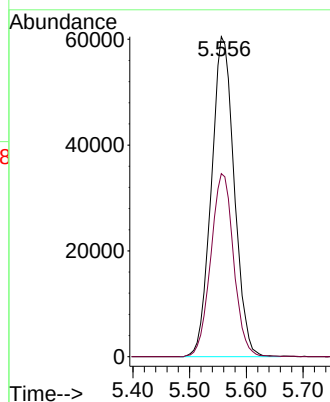
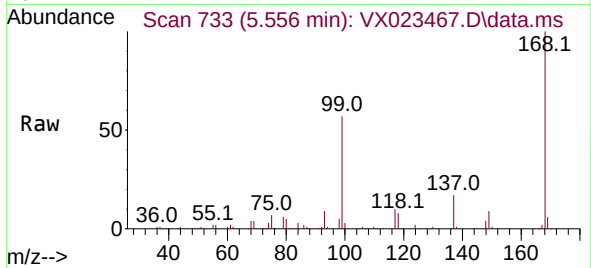




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

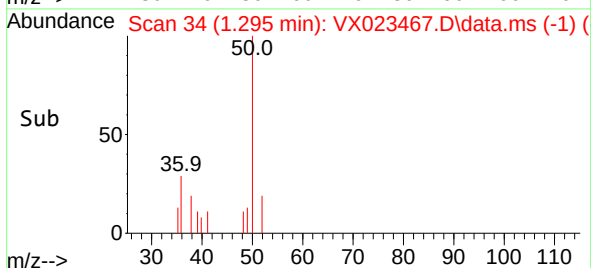
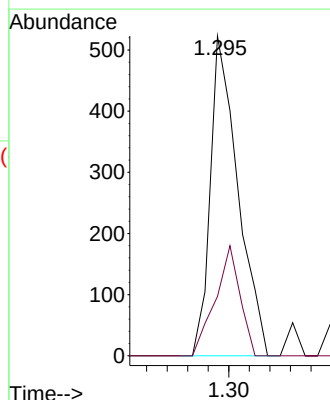
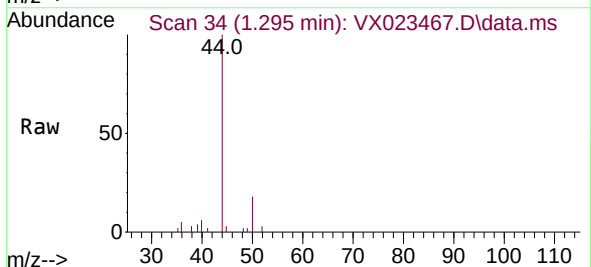
Instrument :
MSVOA_X
ClientSampleId :

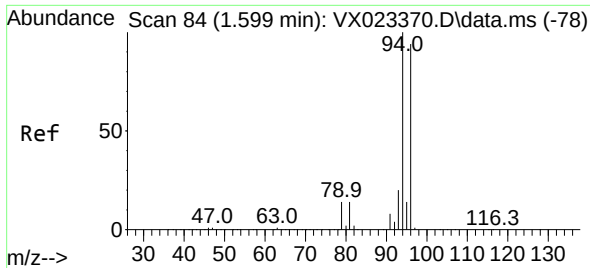
Tgt Ion:168 Resp: 169153
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 18.5 26.4 39.6#

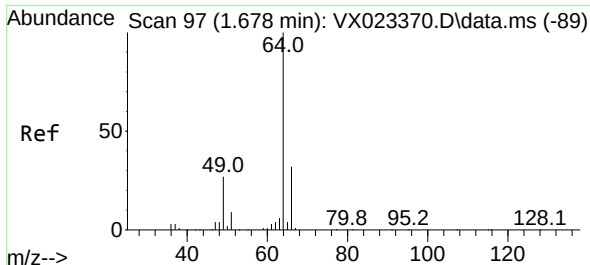
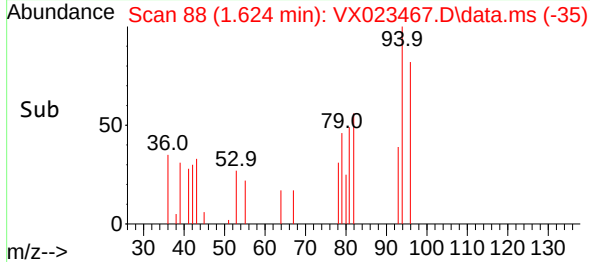
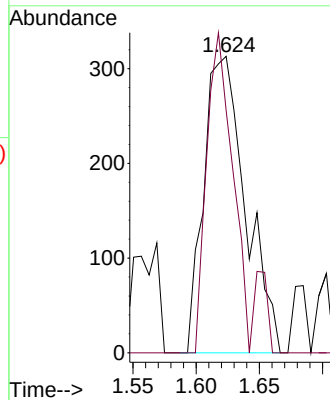
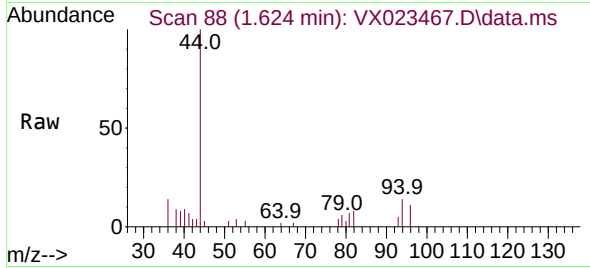




#5
Bromomethane
Concen: 0.663 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

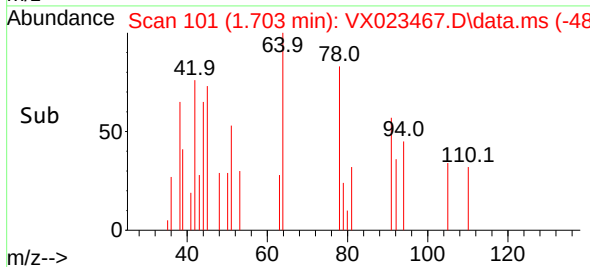
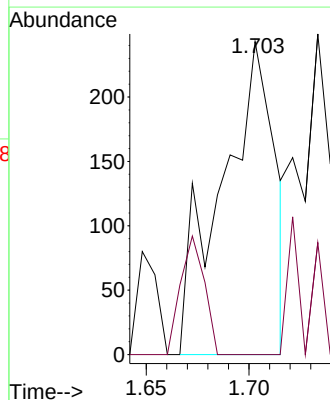
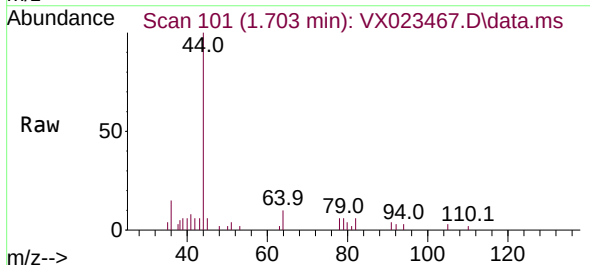
Instrument :
MSVOA_X
ClientSampled :

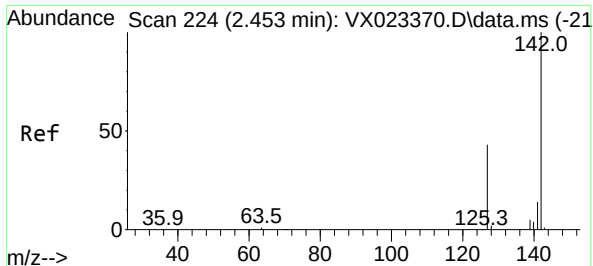
Tgt Ion: 94 Resp: 722
Ion Ratio Lower Upper
94 100
96 81.8 76.4 114.6



#6
Chloroethane
Concen: 0.389 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

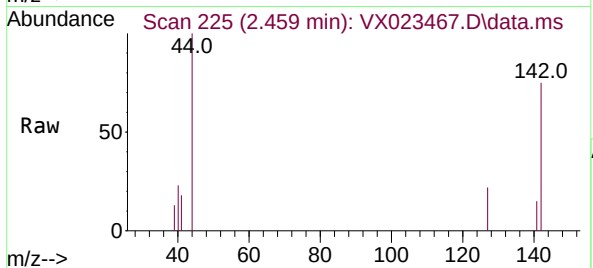
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



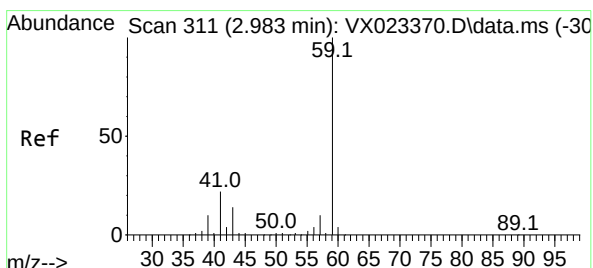
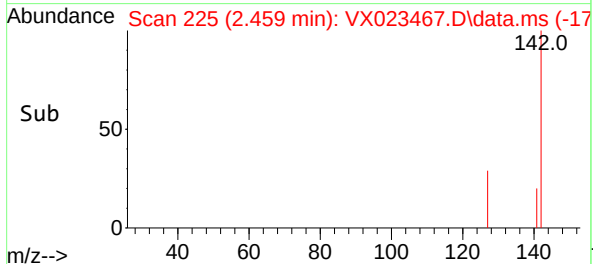
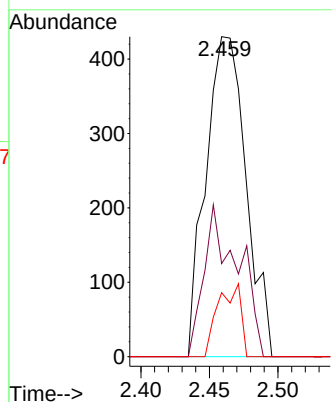


#10
Methyl Iodide
Concen: 0.420 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Instrument :
MSVOA_X
ClientSampled :

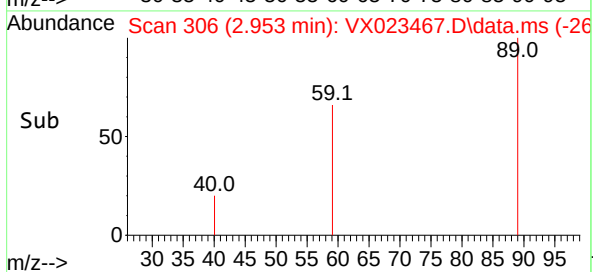
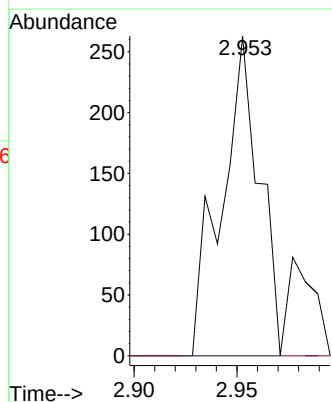
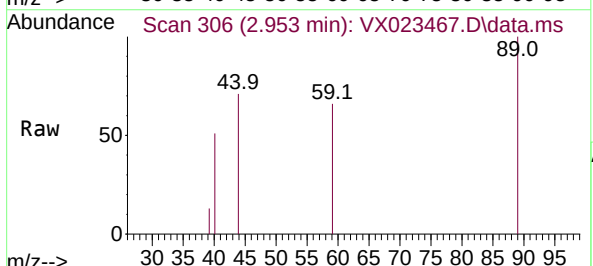


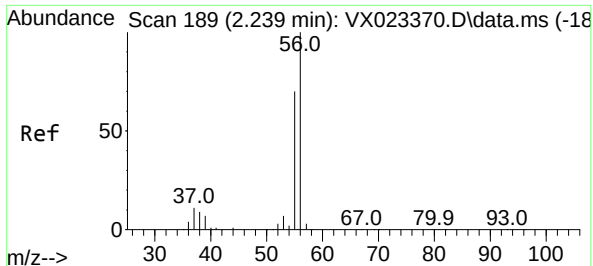
Tgt Ion:142 Resp: 881
Ion Ratio Lower Upper
142 100
127 40.2 33.3 49.9
141 12.8 11.4 17.0



#11
Tert butyl alcohol
Concen: 0.703 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 59 Resp: 339
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

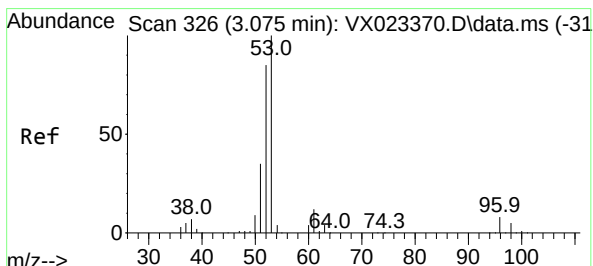
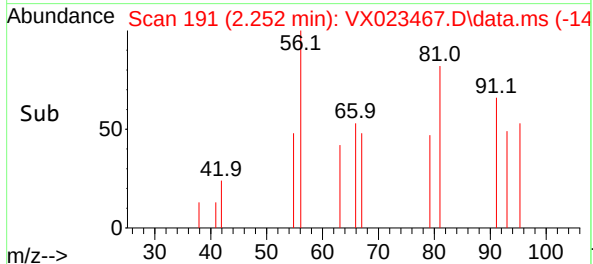
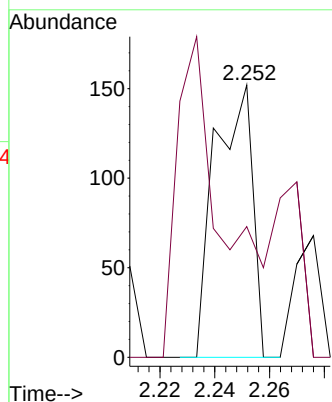
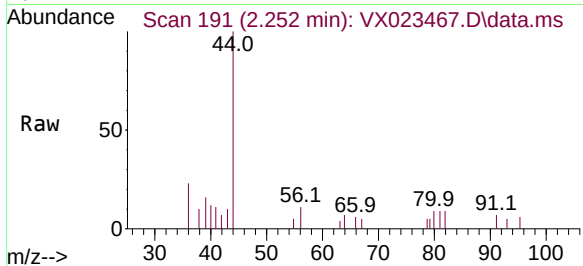




#13
Acrolein
Concen: 1.952 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

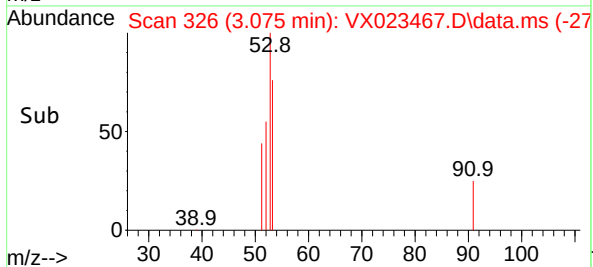
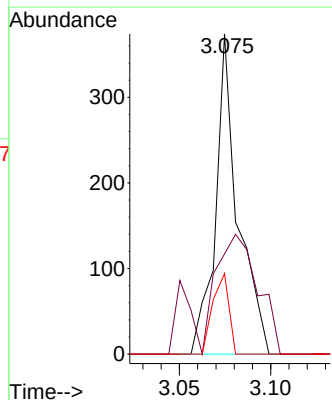
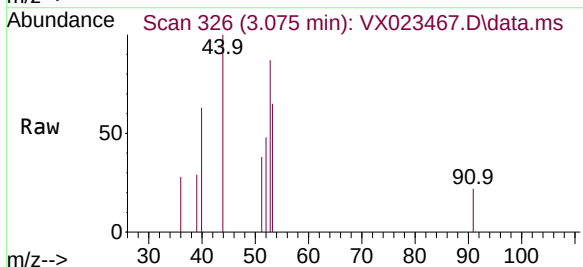
Instrument :
MSVOA_X
ClientSampleId :

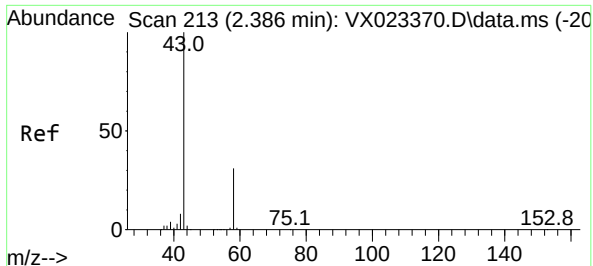
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 114.5 56.4 84.6#



#15
Acrylonitrile
Concen: 0.293 ug/l
RT: 3.075 min Scan# 326
Delta R.T. -0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 53 Resp: 319
Ion Ratio Lower Upper
53 100
52 69.9 65.3 97.9
51 18.2 28.2 42.2#

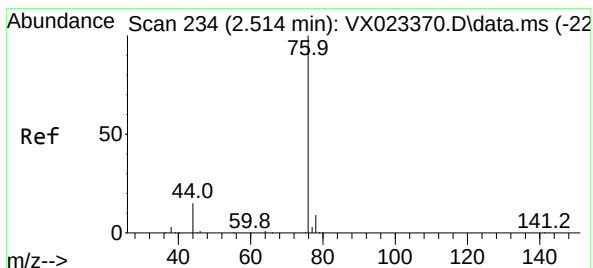
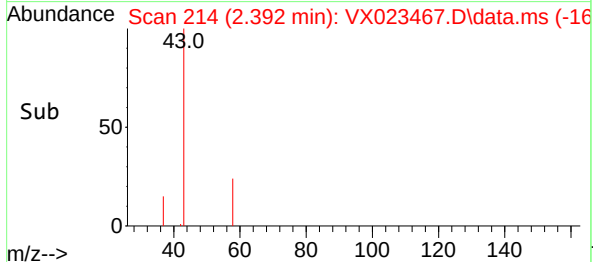
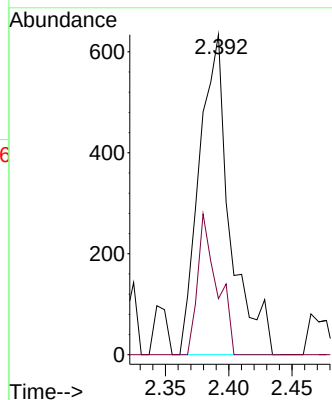
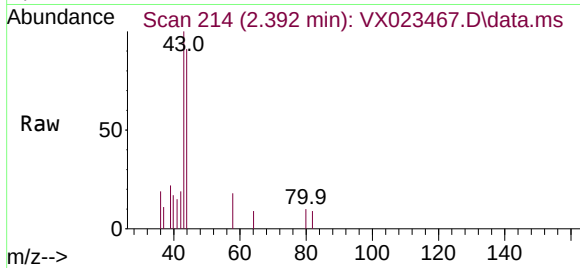




#16
Acetone
Concen: 1.035 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

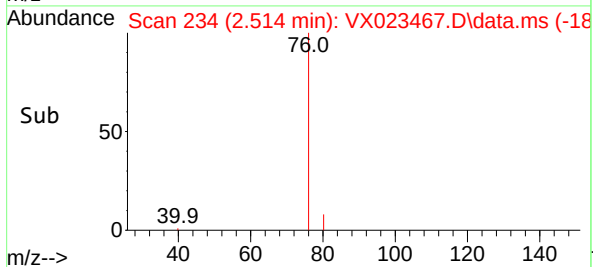
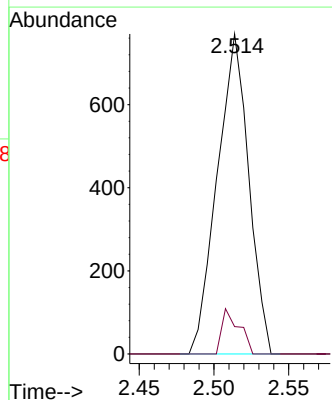
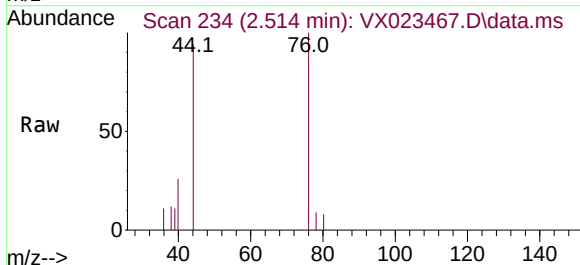
Instrument :
MSVOA_X
ClientSampled :

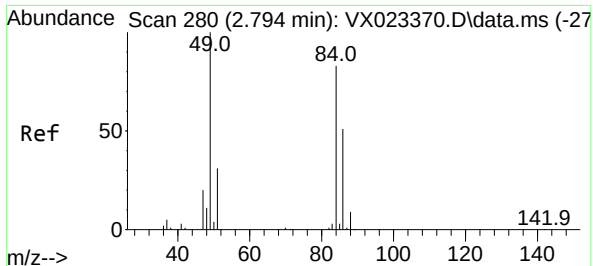
Tgt Ion: 43 Resp: 1071
Ion Ratio Lower Upper
43 100
58 17.5 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.275 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

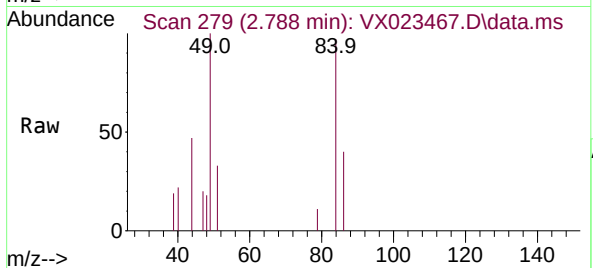
Tgt Ion: 76 Resp: 1125
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8





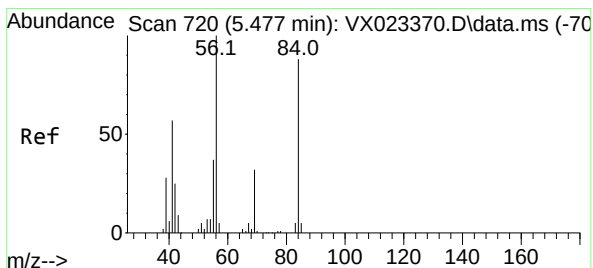
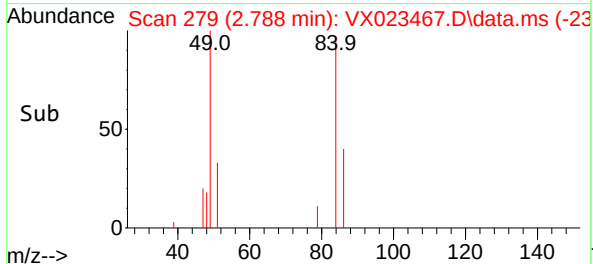
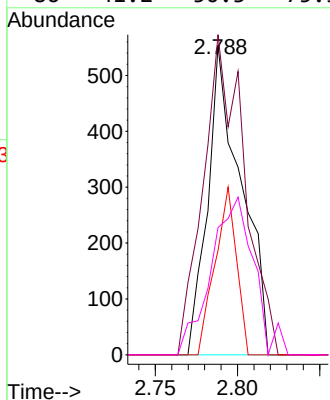
#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion: 84 Resp: 784

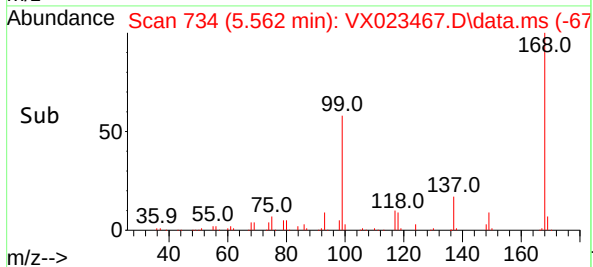
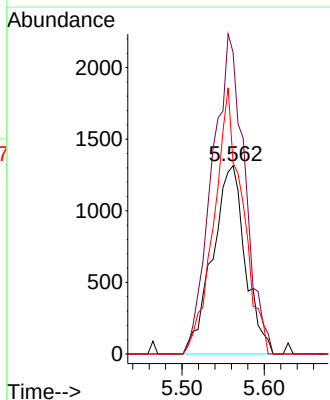
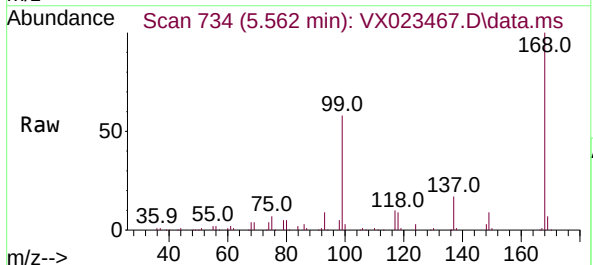
Ion	Ratio	Lower	Upper
84	100		
49	103.4	88.6	132.8
51	33.8	27.0	40.6
86	41.2	50.3	75.5#

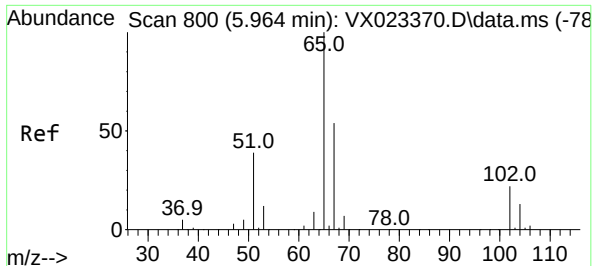


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 56 Resp: 3632

Ion	Ratio	Lower	Upper
56	100		
69	160.2	25.3	37.9#
84	101.6	71.4	107.0





#33

1,2-Dichloroethane-d4

Concen: 52.716 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX023467.D

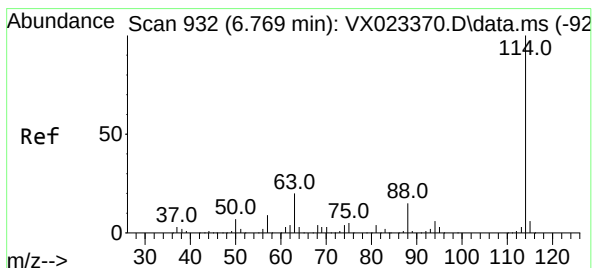
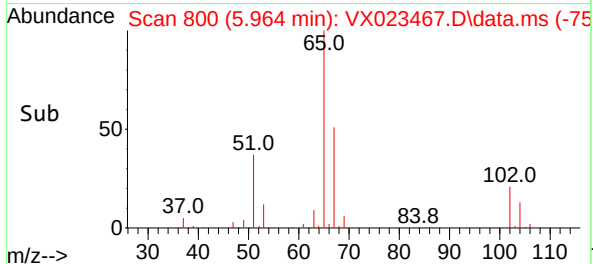
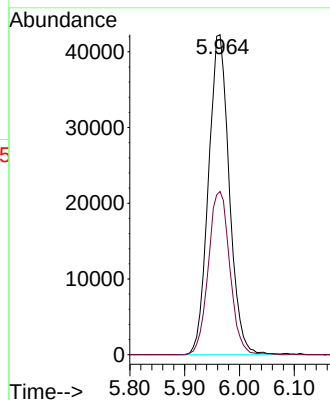
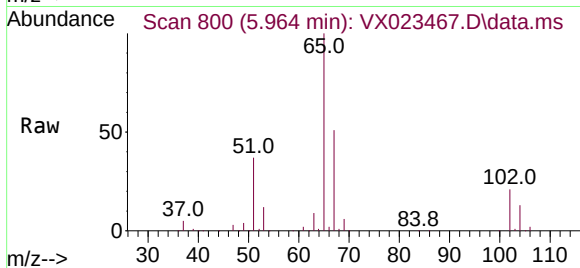
Acq: 27 Jul 2021 11:02

Tgt Ion: 65 Resp: 111232

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX023467.D

Acq: 27 Jul 2021 11:02

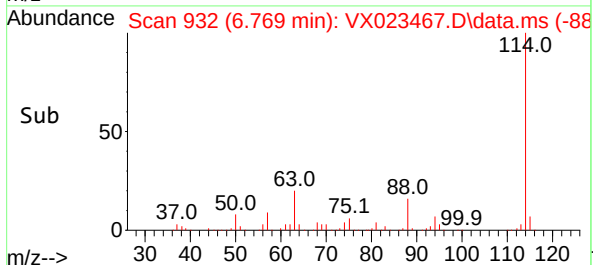
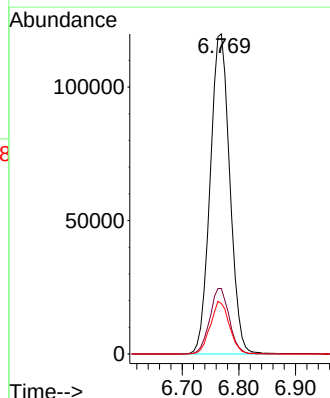
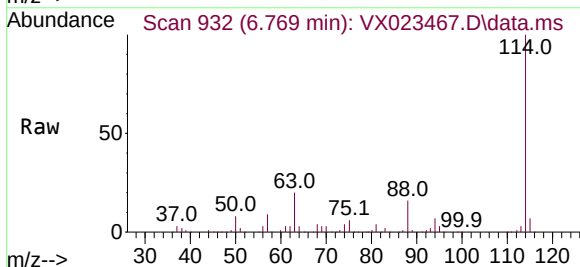
Tgt Ion: 114 Resp: 287538

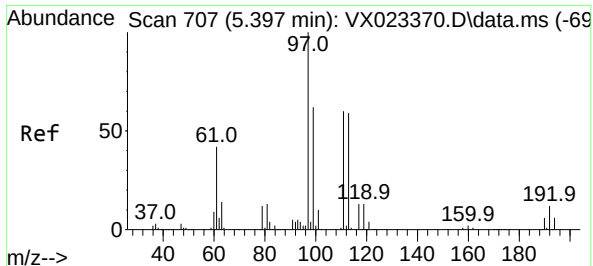
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

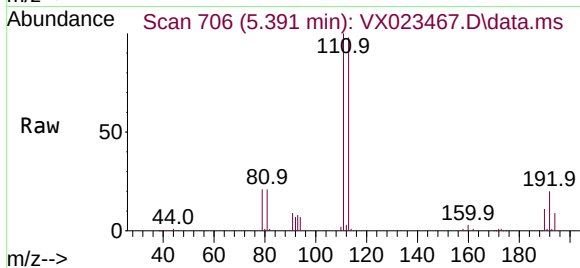
88 15.7 0.0 32.8



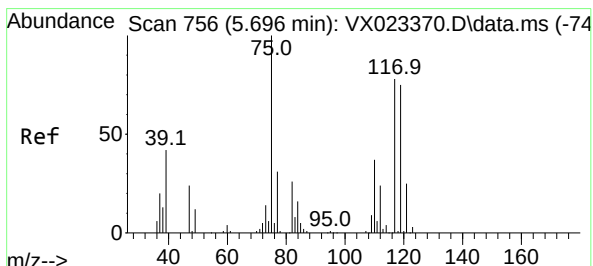
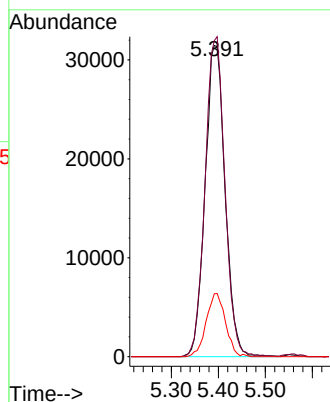
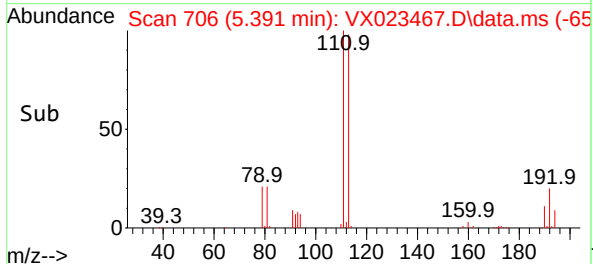


#35
Dibromofluoromethane
Concen: 51.614 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

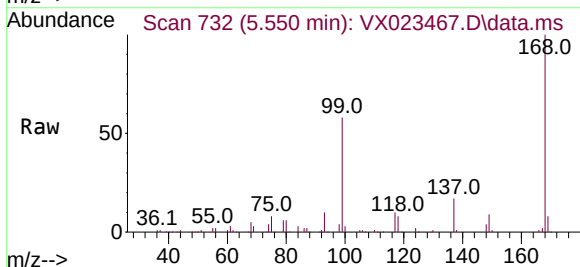
Instrument :
MSVOA_X
ClientSampleId :



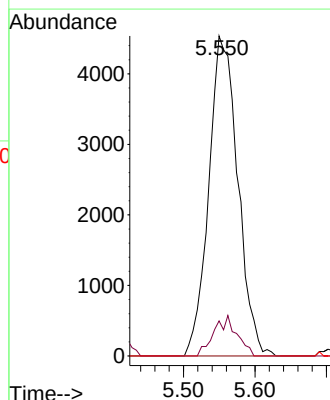
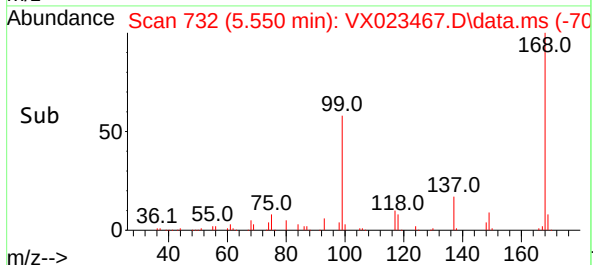
Tgt Ion:113 Resp: 92792
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 19.6 16.7 25.1

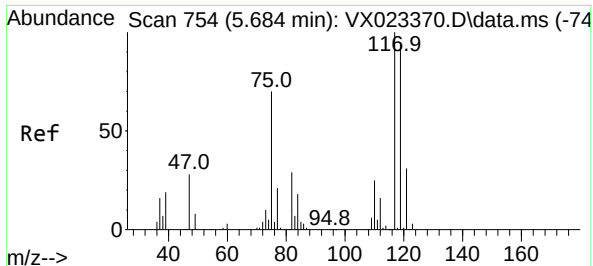


#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02



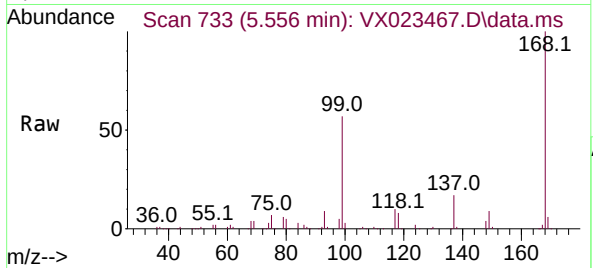
Tgt Ion: 75 Resp: 12800
Ion Ratio Lower Upper
75 100
110 4.9 18.1 54.4#
77 0.0 25.3 37.9#



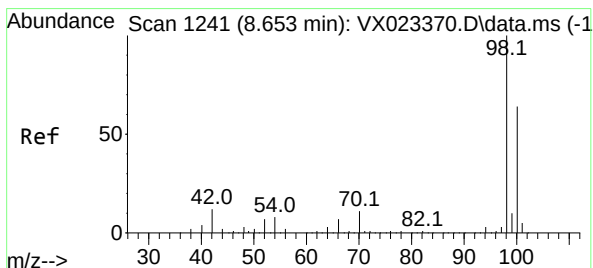
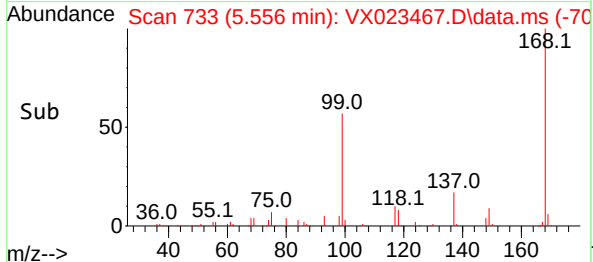
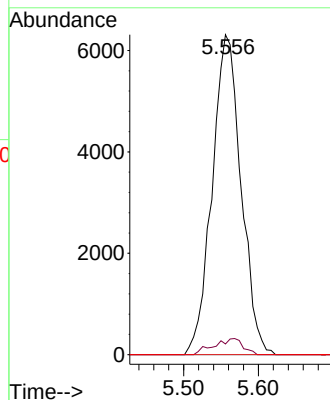


#38
Carbon Tetrachloride
Concen: 6.407 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Instrument :
MSVOA_X
ClientSampleId :

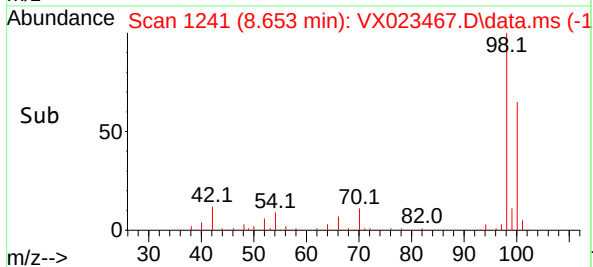
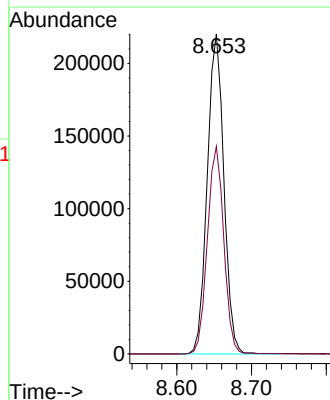
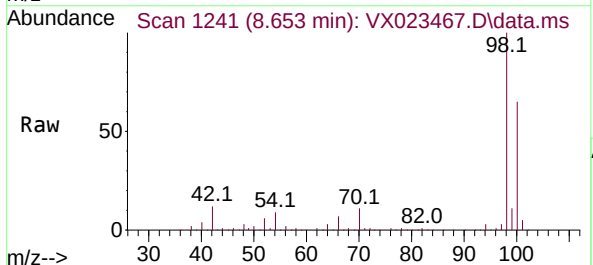


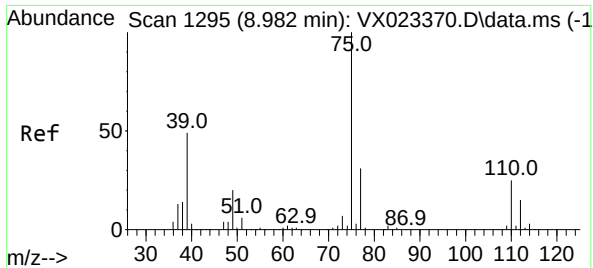
Tgt Ion:117 Resp: 16947
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.373 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 98 Resp: 339329
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

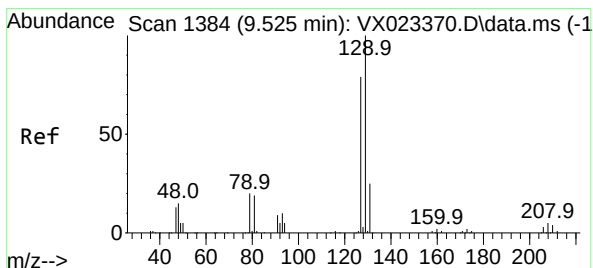
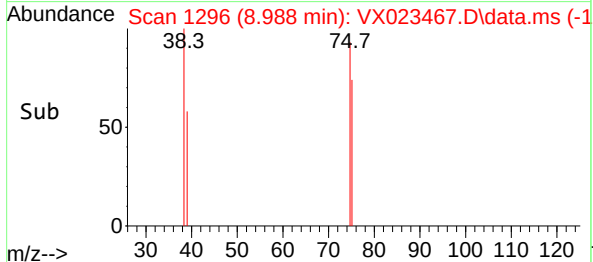
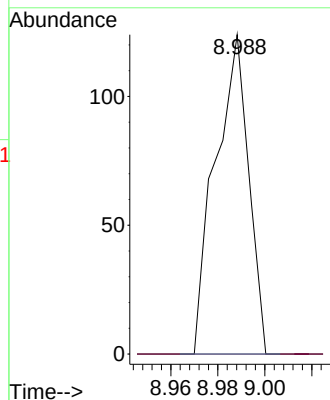
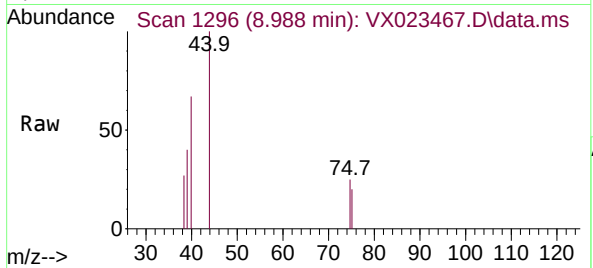




#53
t-1,3-Dichloropropene
Concen: 1.854 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

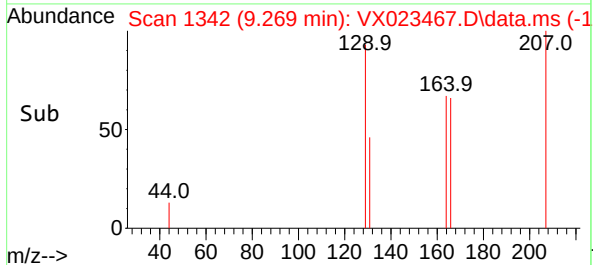
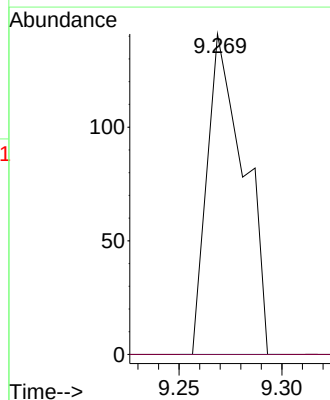
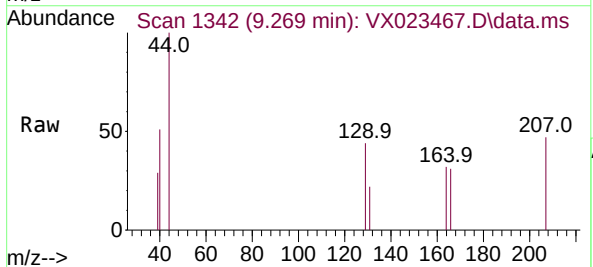
Instrument :
MSVOA_X
ClientSampled :

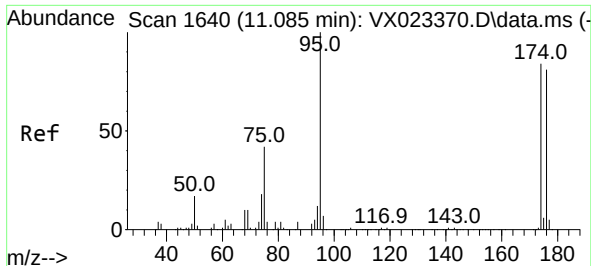
Tgt Ion: 75 Resp: 122
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.062 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion:129 Resp: 176
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

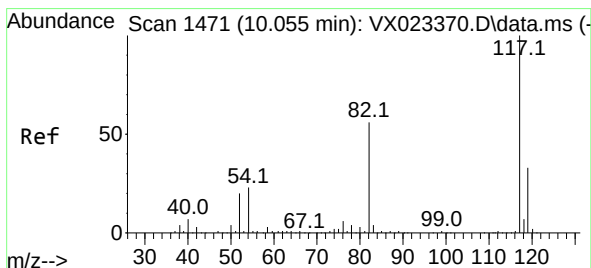
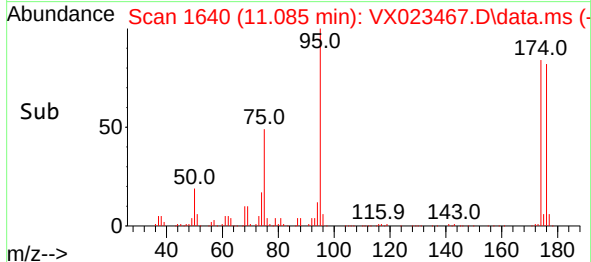
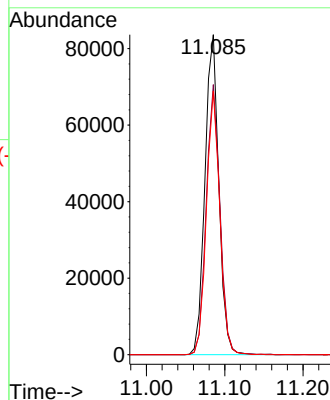
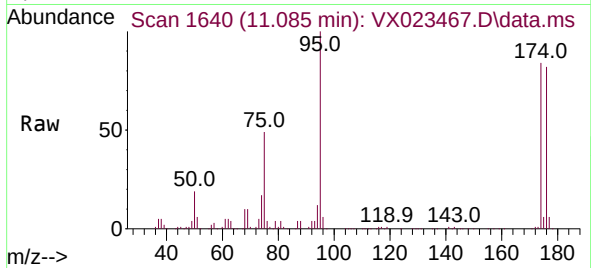




#62
4-Bromofluorobenzene
Concen: 45.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

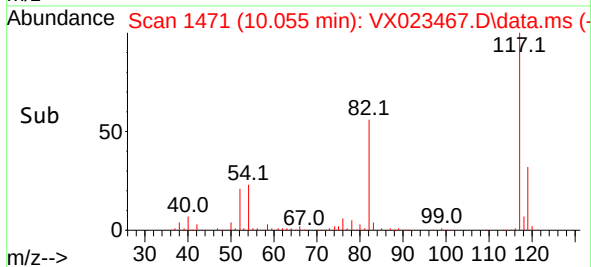
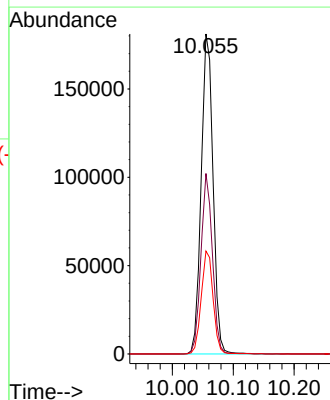
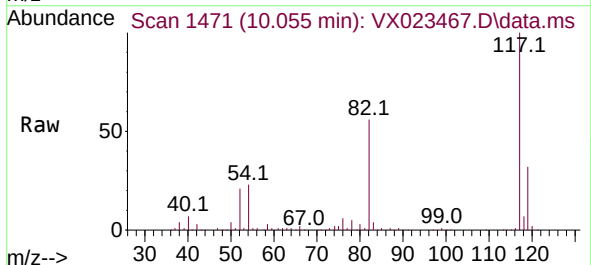
Instrument :
MSVOA_X
ClientSampleId :

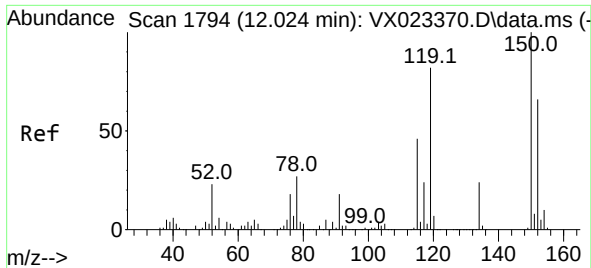
Tgt Ion: 95 Resp: 102761
Ion Ratio Lower Upper
95 100
174 83.5 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

Tgt Ion: 117 Resp: 244287
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.1 26.6 39.8

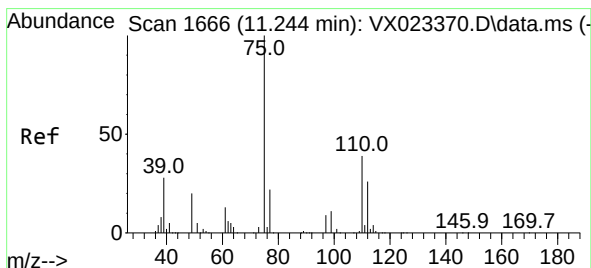
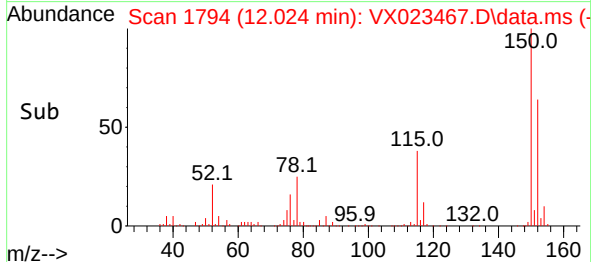
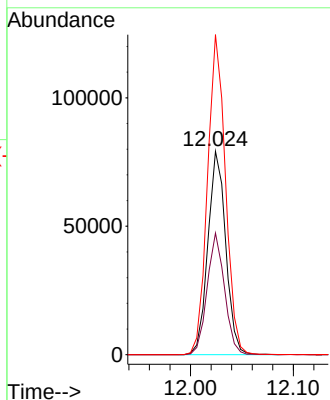
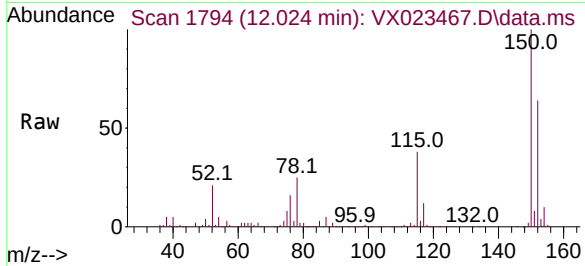




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

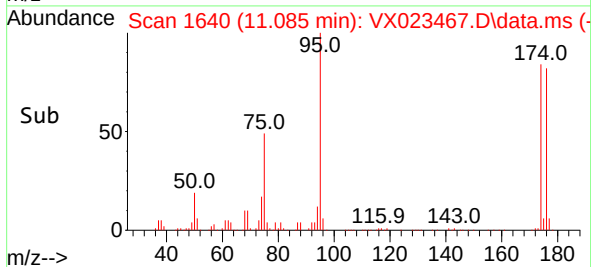
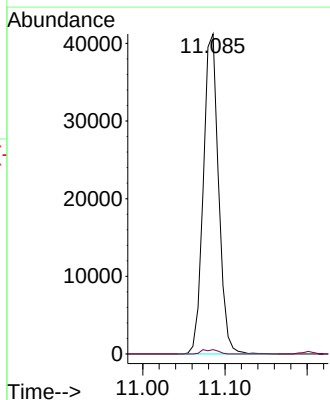
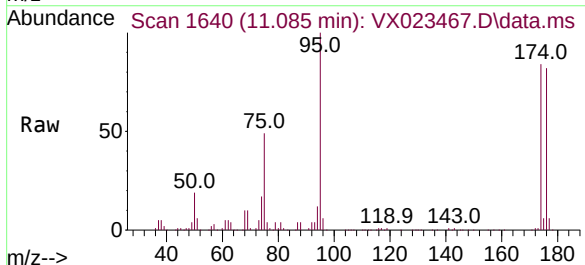
Instrument :
MSVOA_X
ClientSampled :

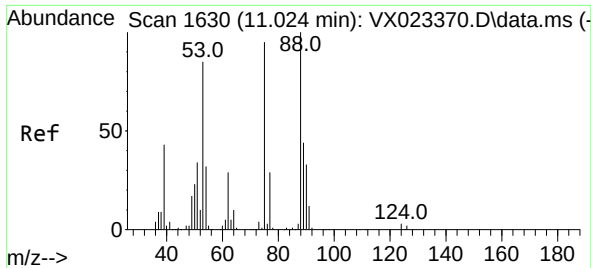
Tgt Ion:152 Resp: 95508
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 158.2 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.216 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023467.D
Acq: 27 Jul 2021 11:02

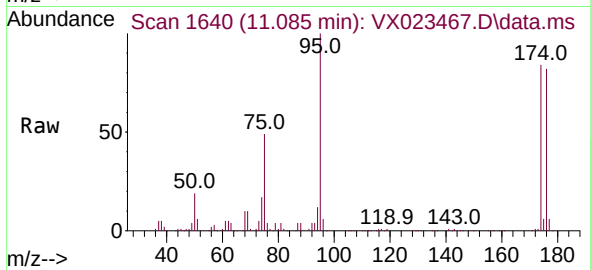
Tgt Ion: 75 Resp: 52997
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.803 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023467.D
 Acq: 27 Jul 2021 11:02

Instrument :
 MSVOA_X
 ClientSampleId :



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

