

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024428.D
 Acq On : 22 Sep 2021 12:00
 Operator : JC/MD
 Sample : VX0922MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922MBL01

Quant Time: Sep 22 14:15:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

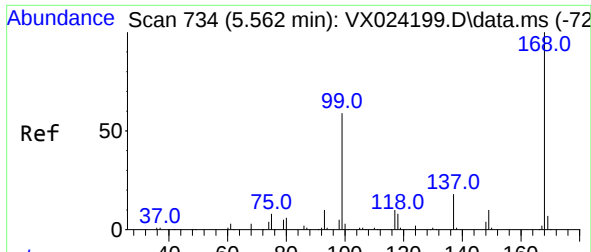
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	159743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233796	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107916	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	113402	49.784	ug/l	-0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.560%		
35) Dibromofluoromethane	5.391	113	90745	57.875	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	115.760%		
50) Toluene-d8	8.653	98	285475	49.979	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.960%		
62) 4-Bromofluorobenzene	11.085	95	104438	46.983	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.960%		
Target Compounds			Qvalue			
3) Chloromethane	1.301	50	425	0.265	ug/l	89
5) Bromomethane	1.624	94	752	0.792	ug/l	93
10) Methyl Iodide	2.465	142	1166	0.536	ug/l #	83
11) Tert butyl alcohol	2.953	59	2404	Below Cal	#	73
13) Acrolein	2.233	56	50	0.333	ug/l #	59
16) Acetone	2.380	43	1155	1.189	ug/l	95
17) Carbon Disulfide	2.514	76	1031	0.279	ug/l #	88
20) Methylene Chloride	2.794	84	1755	0.941	ug/l #	86
25) 2-Butanone	4.580	43	341	0.238	ug/l #	45
29) Tetrahydrofuran	5.032	42	541	0.604	ug/l #	46
31) Cyclohexane	5.556	56	3228	1.212	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12532	5.830	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16213	6.701	ug/l #	16
60) Dibromochloromethane	9.281	129	63	1.757	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57165	23.037	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57165	67.752	ug/l #	12
95) Naphthalene	13.780	128	730	1.379	ug/l #	93

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

Quant Time: Sep 22 14:15:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

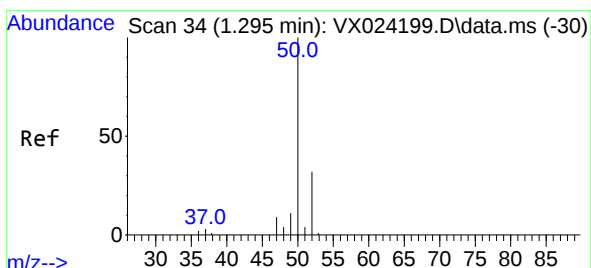
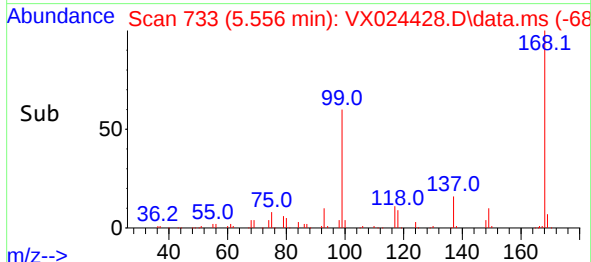
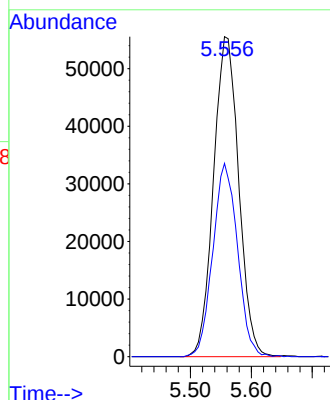
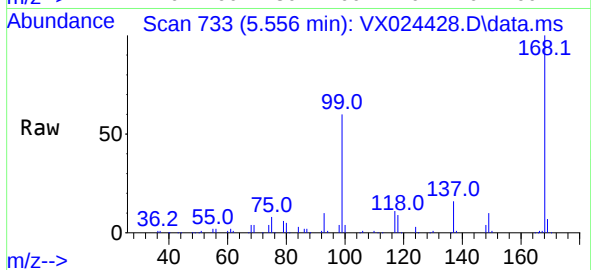




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

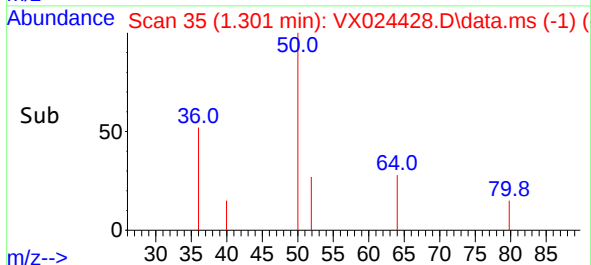
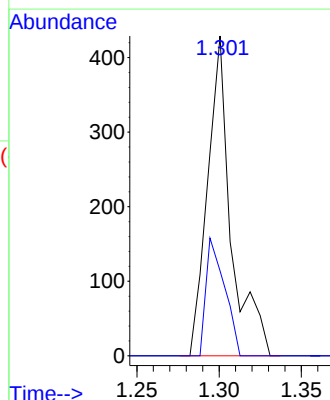
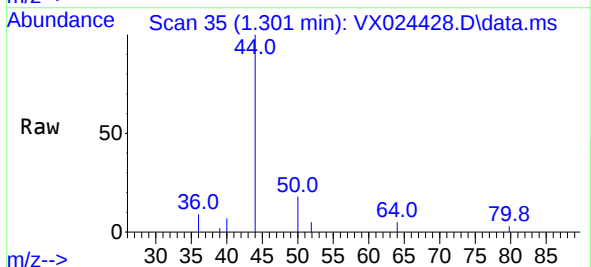
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

Tgt Ion:168 Resp: 159743
Ion Ratio Lower Upper
168 100
99 60.4 45.8 68.6

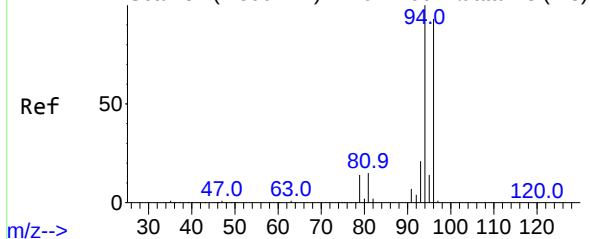


#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 26.6 26.4 39.6



Abundance Scan 84 (1.599 min): VX024199.D\data.ms (-78)

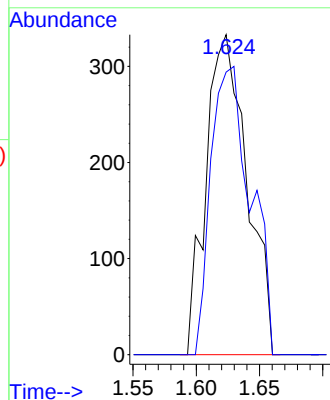
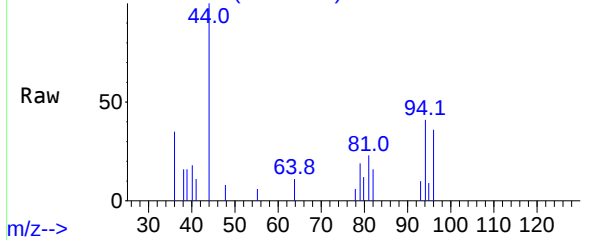


#5
Bromomethane
Concen: 0.792 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

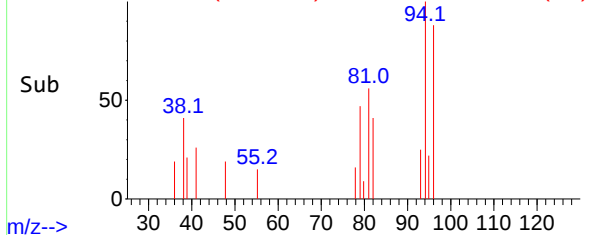
Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 88.3 76.4 114.6

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

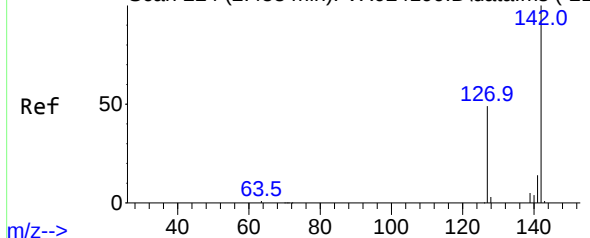
Abundance Scan 88 (1.624 min): VX024428.D\data.ms



Abundance Scan 88 (1.624 min): VX024428.D\data.ms (-35)



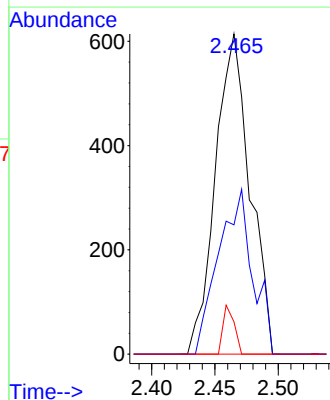
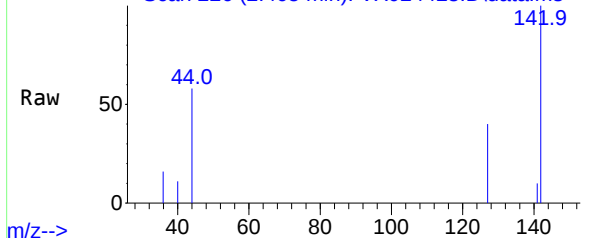
Abundance Scan 224 (2.453 min): VX024199.D\data.ms (-21)



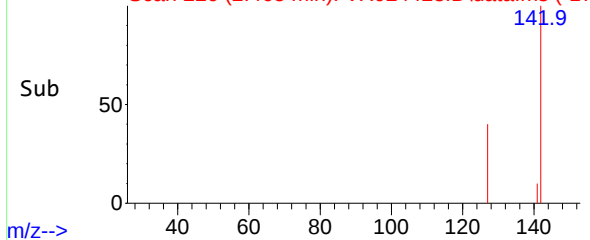
#10
Methyl Iodide
Concen: 0.536 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

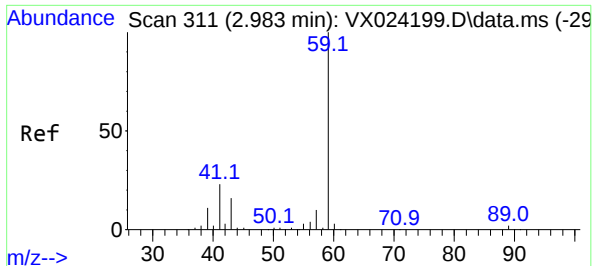
Tgt Ion:142 Resp: 1166
Ion Ratio Lower Upper
142 100
127 51.0 33.3 49.9#
141 4.9 11.4 17.0#

Abundance Scan 226 (2.465 min): VX024428.D\data.ms



Abundance Scan 226 (2.465 min): VX024428.D\data.ms (-17)



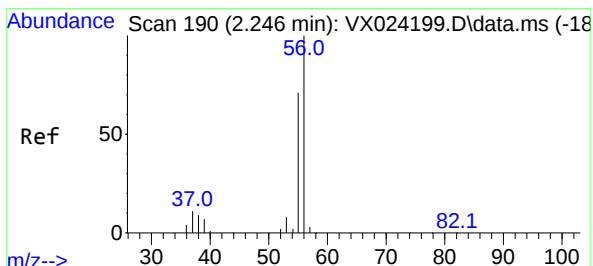
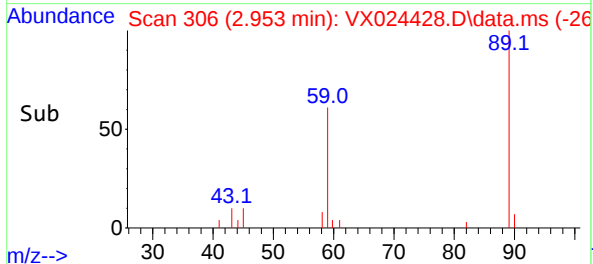
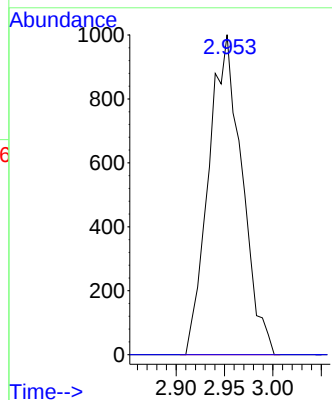
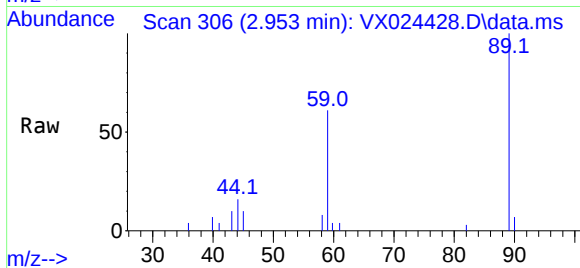


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

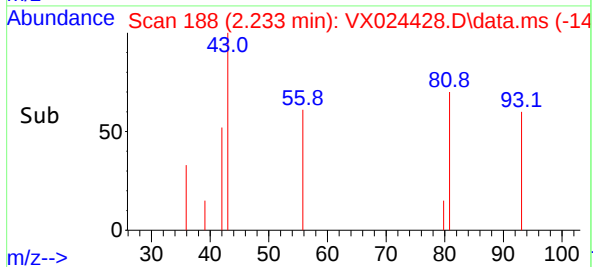
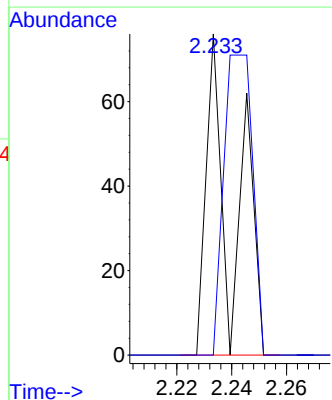
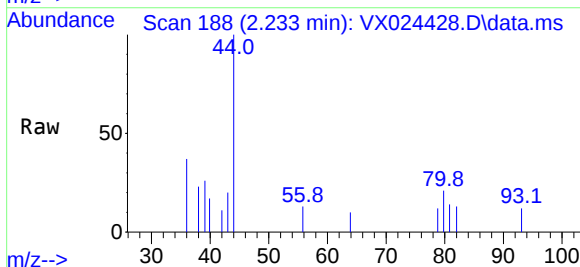
Tgt Ion: 59 Resp: 2404
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

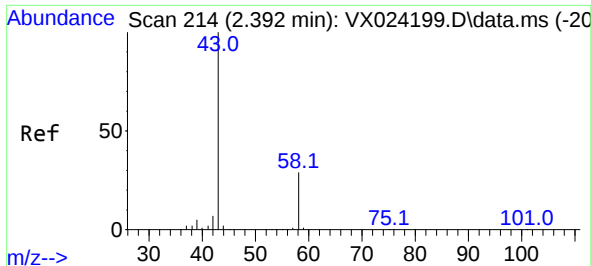


#13

Acrolein
Concen: 0.333 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.013 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 104.0 56.4 84.6#

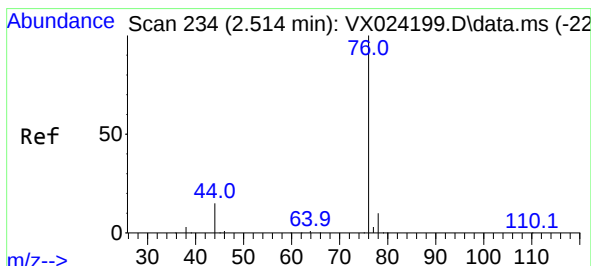
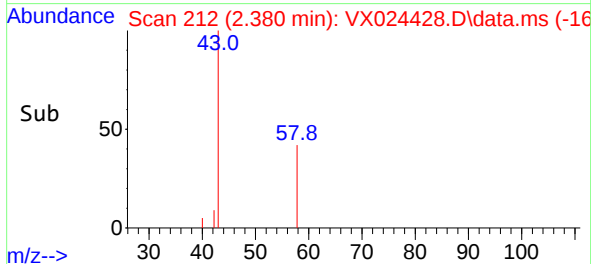
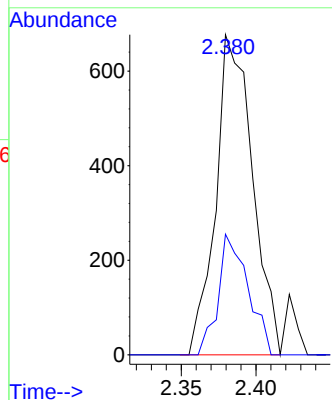
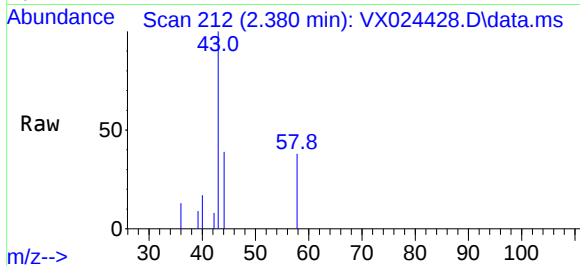




#16
Acetone
Concen: 1.189 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

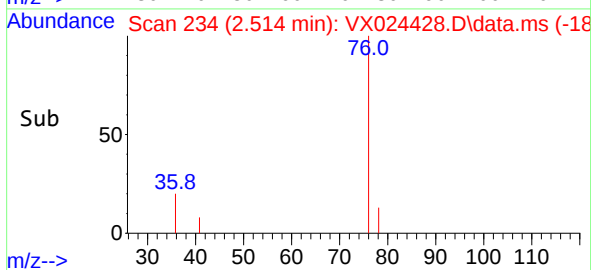
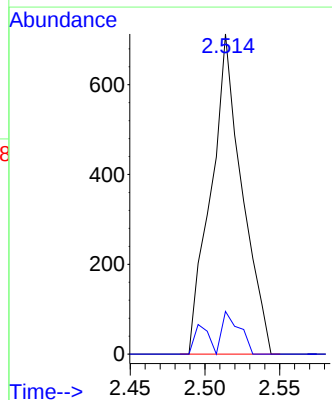
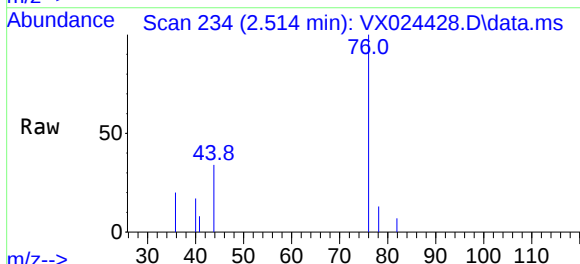
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

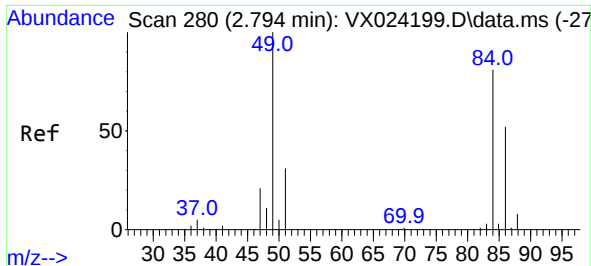
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 37.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.279 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion: 76 Resp: 1031
Ion Ratio Lower Upper
76 100
78 13.3 7.2 10.8#





#20

Methylene Chloride

Concen: 0.941 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024428.D

Acq: 22 Sep 2021 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0922MBL01

Tgt Ion: 84 Resp: 1755

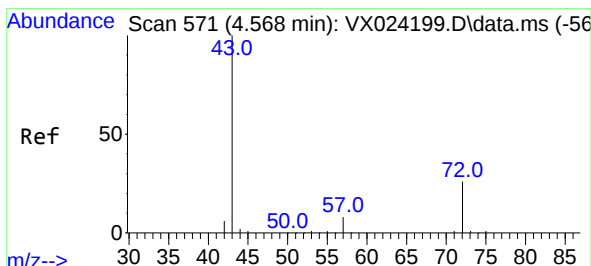
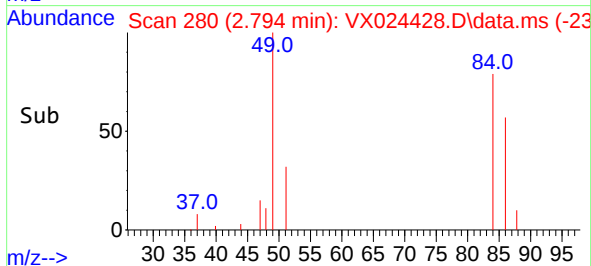
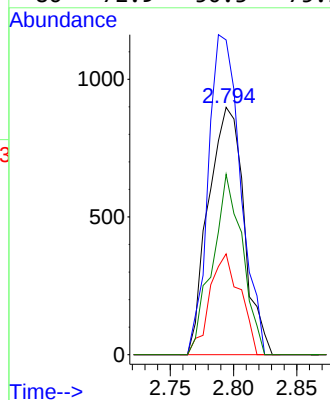
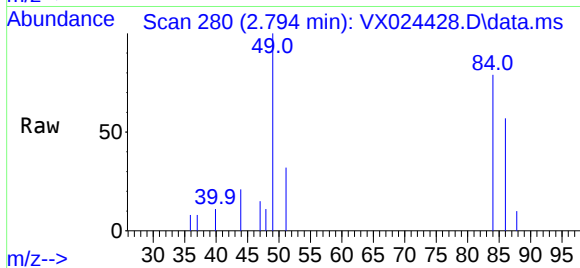
Ion Ratio Lower Upper

84 100

49 127.3 88.6 132.8

51 40.8 27.0 40.6#

86 72.9 50.3 75.5



#25

2-Butanone

Concen: 0.238 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX024428.D

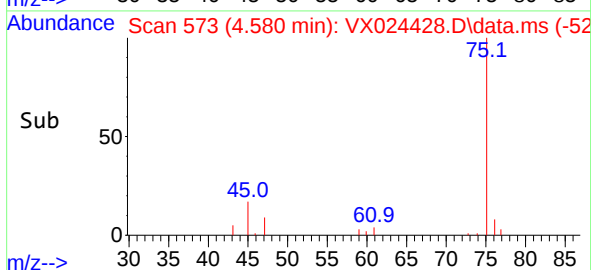
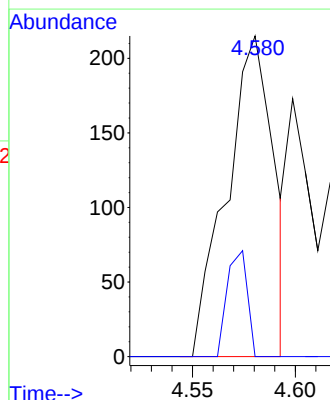
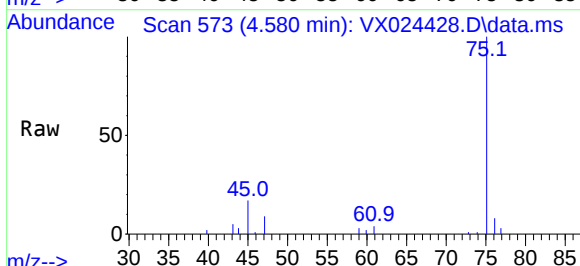
Acq: 22 Sep 2021 12:00

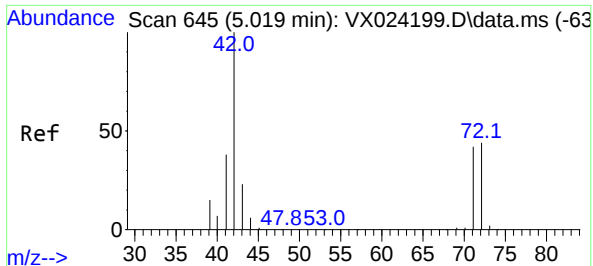
Tgt Ion: 43 Resp: 341

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



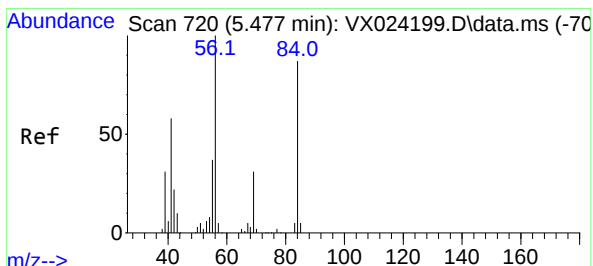
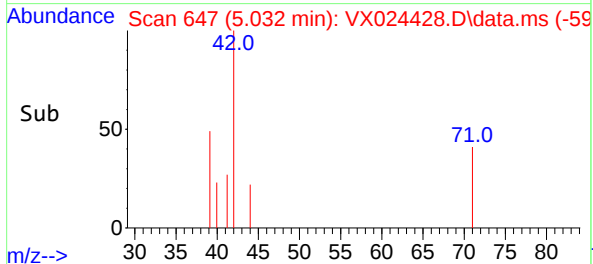
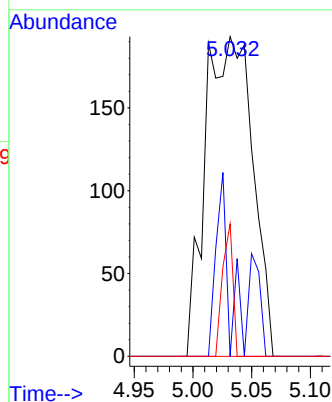
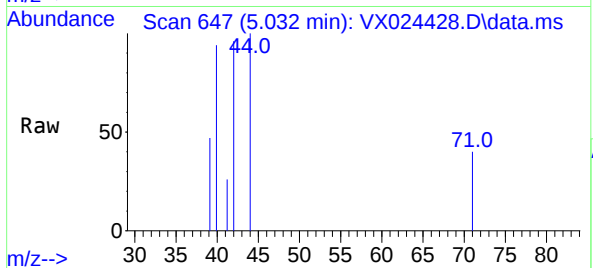


#29
Tetrahydrofuran
Concen: 0.604 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Instrument :
MSVOA_X
ClientSampled :
VX0922MBL01

Tgt Ion: 42 Resp: 541

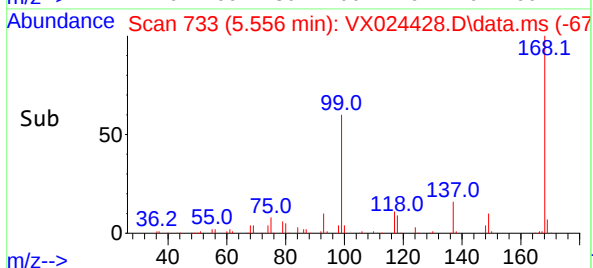
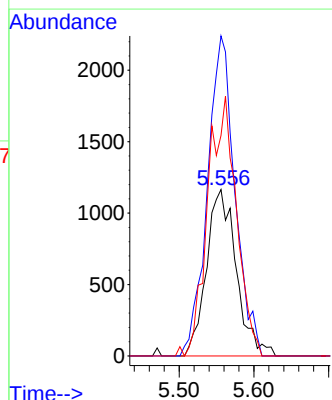
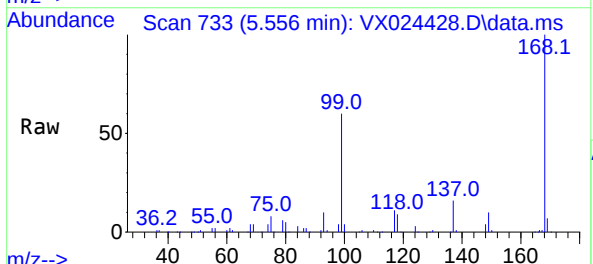
Ion	Ratio	Lower	Upper
42	100		
72	15.9	41.7	62.5#
71	9.1	38.4	57.6#

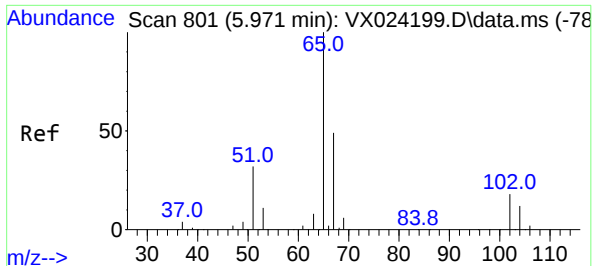


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion: 56 Resp: 3228

Ion	Ratio	Lower	Upper
56	100		
69	192.3	25.3	37.9#
84	132.5	71.4	107.0#

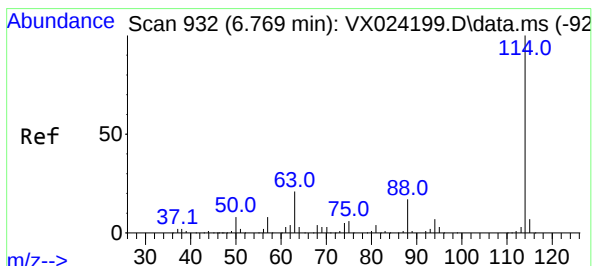
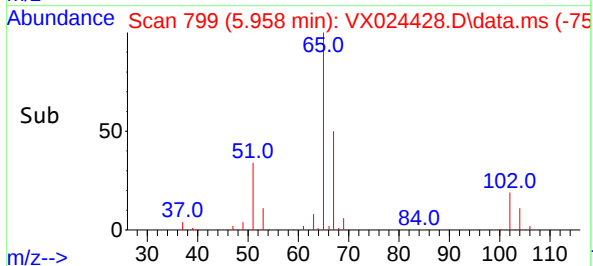
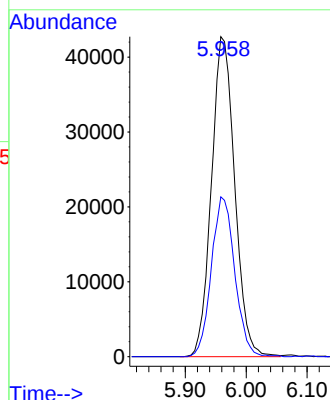
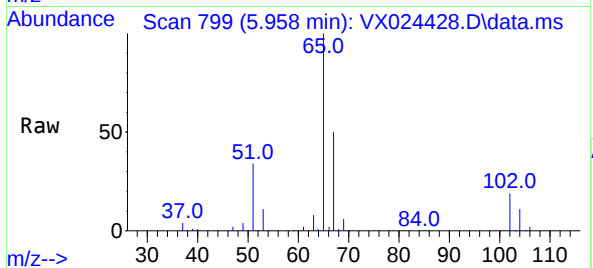




#33
 1,2-Dichloroethane-d4
 Concen: 49.784 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.013 min
 Lab File: VX024428.D
 Acq: 22 Sep 2021 12:00

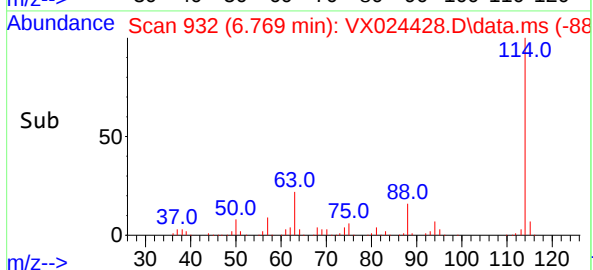
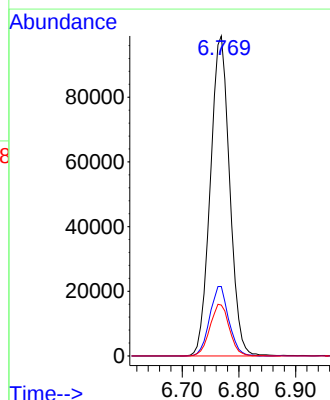
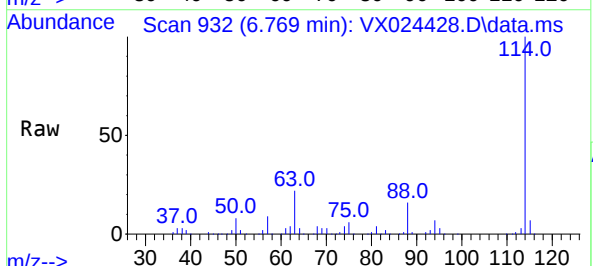
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922MBL01

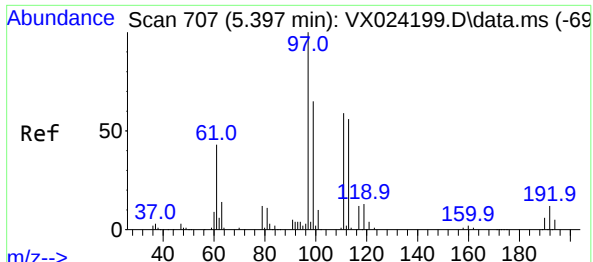
Tgt Ion: 65 Resp: 113402
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024428.D
 Acq: 22 Sep 2021 12:00

Tgt Ion: 114 Resp: 233796
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 40.8
 88 15.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 57.875 ug/l

RT: 5.391 min Scan# 706

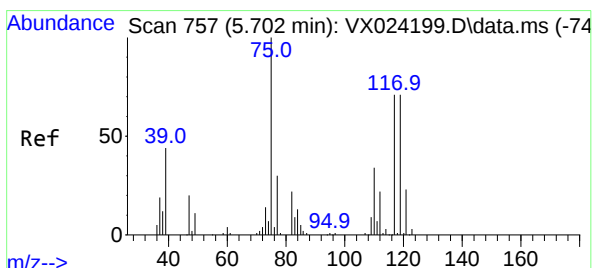
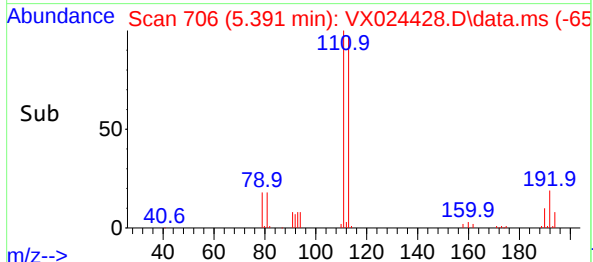
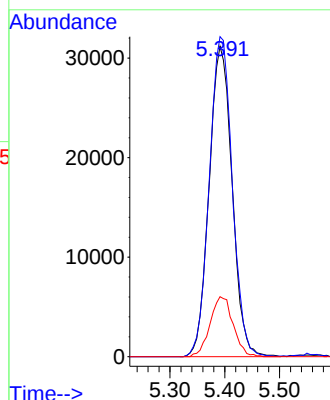
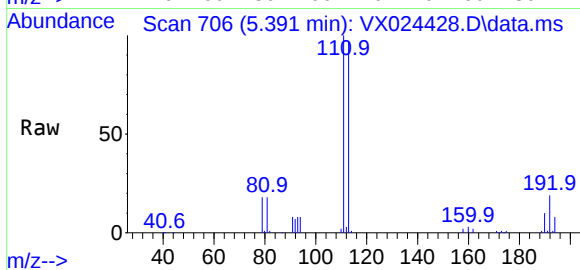
Delta R.T. -0.006 min

Lab File: VX024428.D

Acq: 22 Sep 2021 12:00

Tgt Ion:	113	Resp:	90745
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	19.4	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01



#36

1,1-Dichloropropene

Concen: 5.830 ug/l

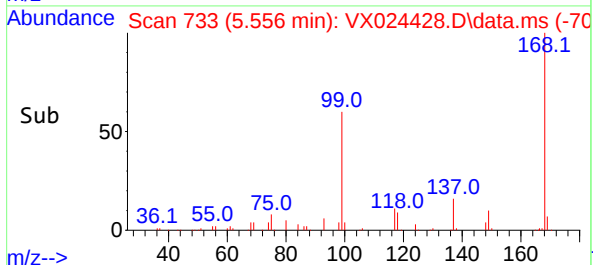
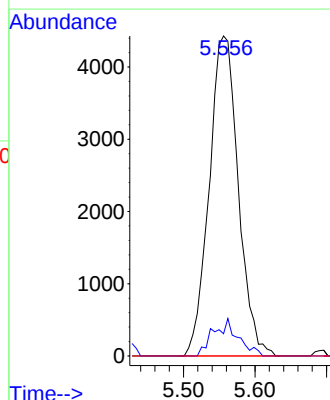
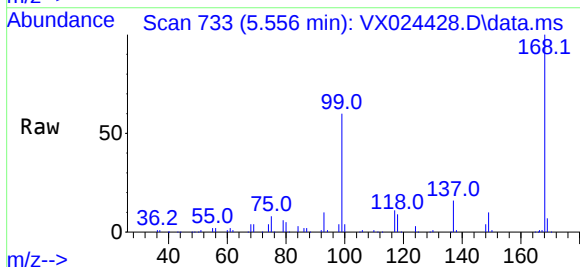
RT: 5.556 min Scan# 733

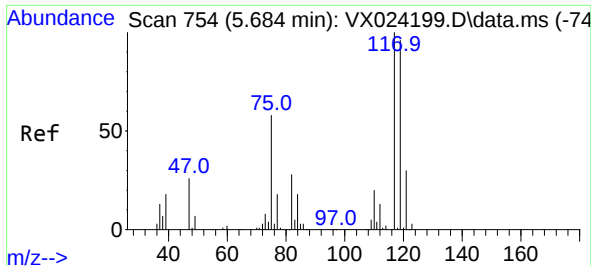
Delta R.T. -0.146 min

Lab File: VX024428.D

Acq: 22 Sep 2021 12:00

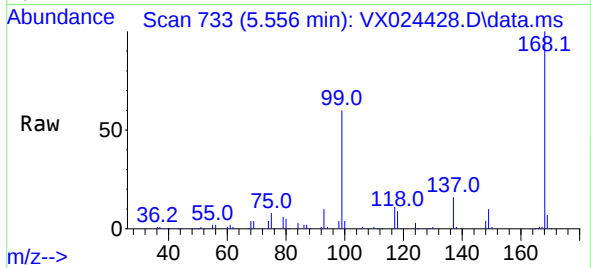
Tgt Ion:	75	Resp:	12532
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#



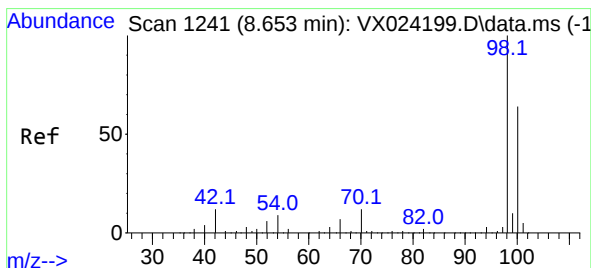
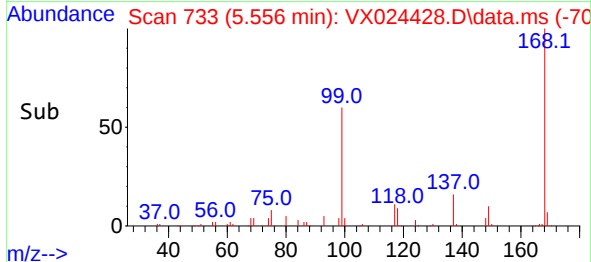
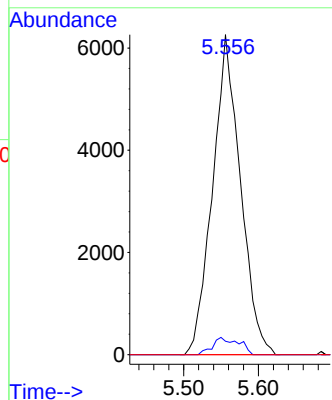


#38
Carbon Tetrachloride
Concen: 6.701 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

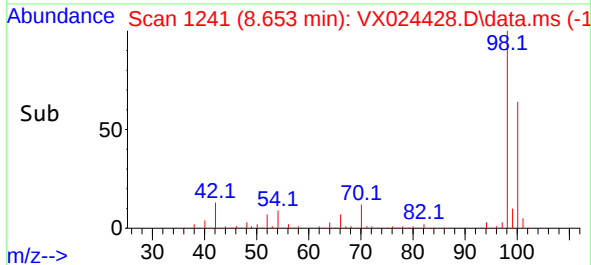
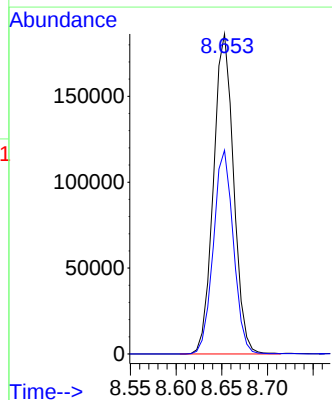
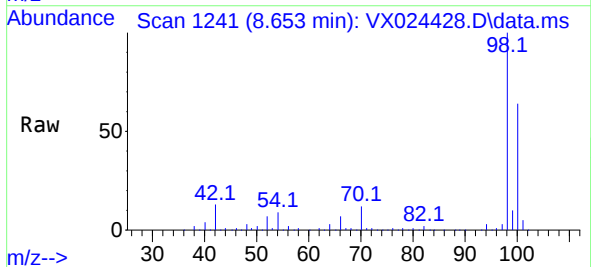


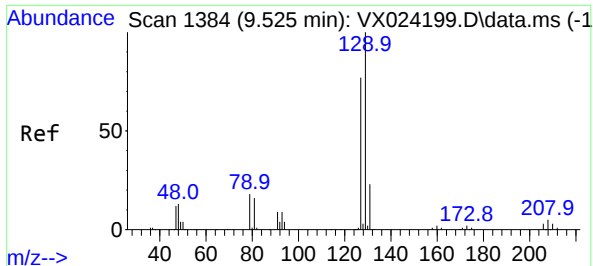
Tgt Ion:117 Resp: 16213
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.979 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion: 98 Resp: 285475
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9





#60

Dibromochloromethane

Concen: 1.757 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024428.D

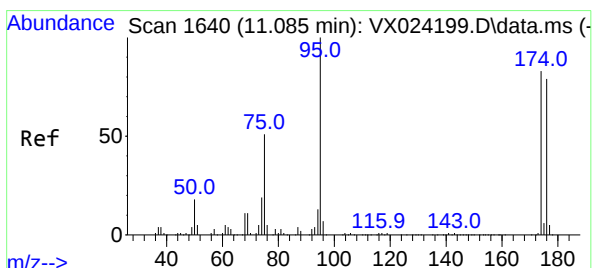
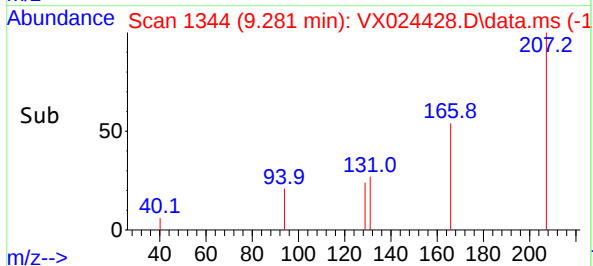
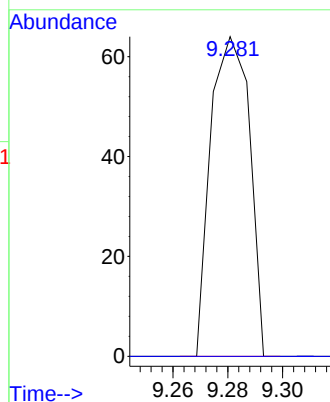
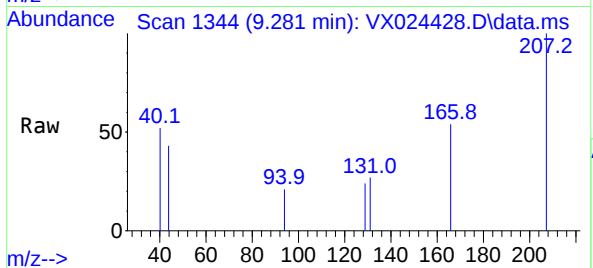
Acq: 22 Sep 2021 12:00

Tgt Ion:129 Resp: 63

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 46.983 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024428.D

Acq: 22 Sep 2021 12:00

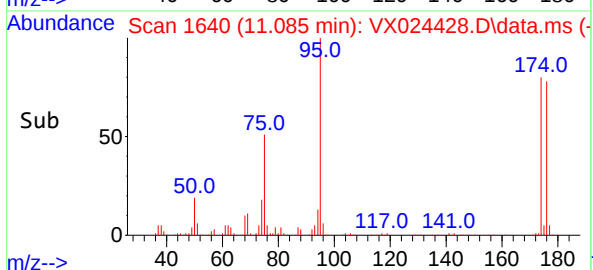
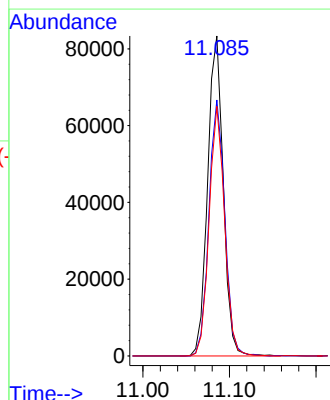
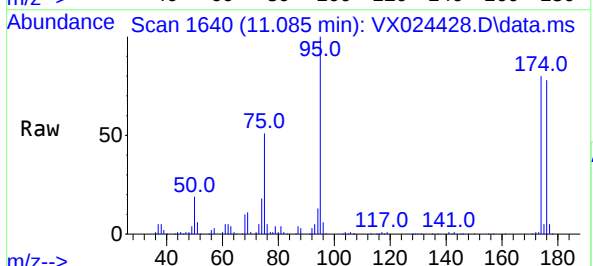
Tgt Ion: 95 Resp: 104438

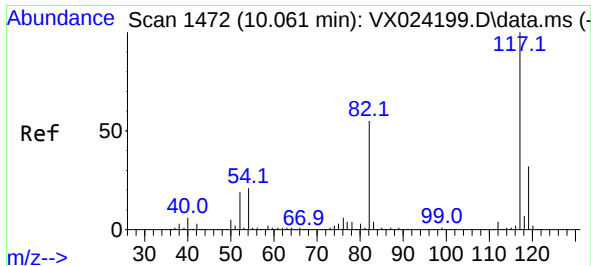
Ion Ratio Lower Upper

95 100

174 81.3 0.0 154.6

176 77.2 0.0 155.8

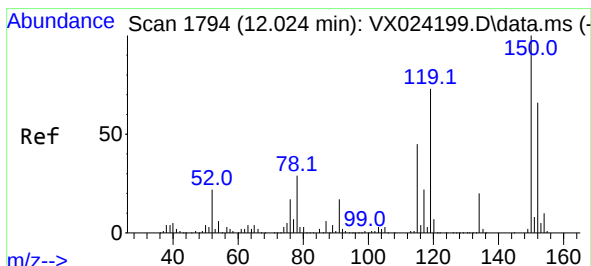
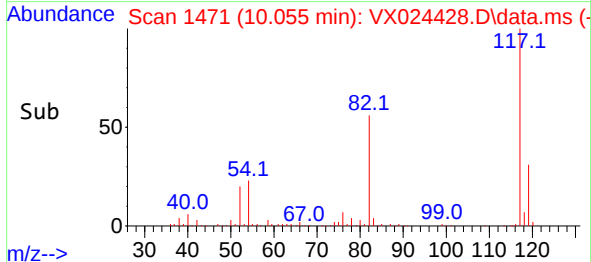
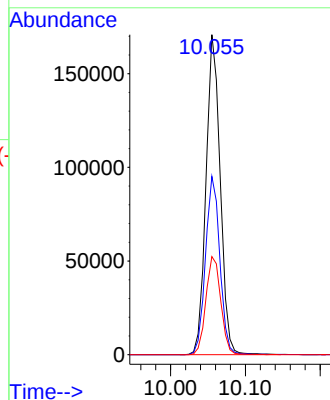
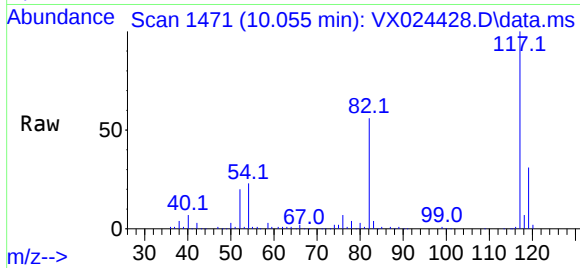




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

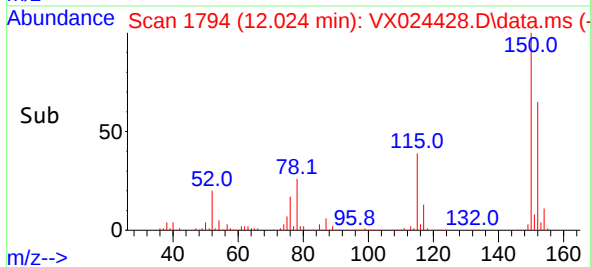
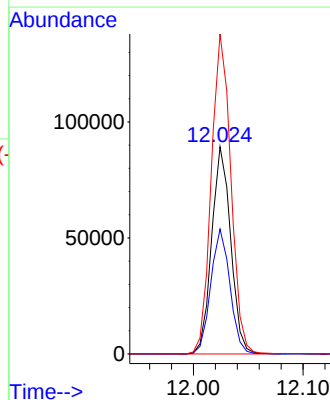
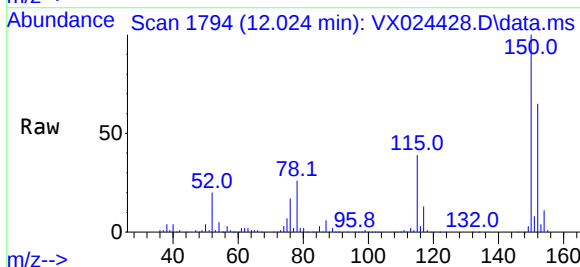
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

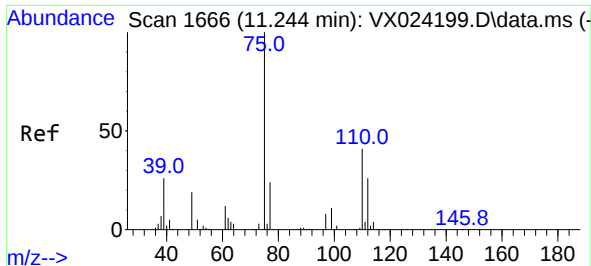
Tgt Ion:117 Resp: 225757
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 30.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Tgt Ion:152 Resp: 107916
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 159.0 0.0 349.0

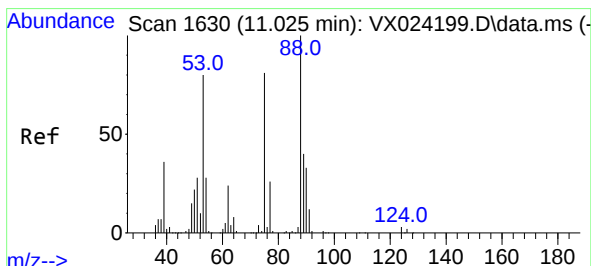
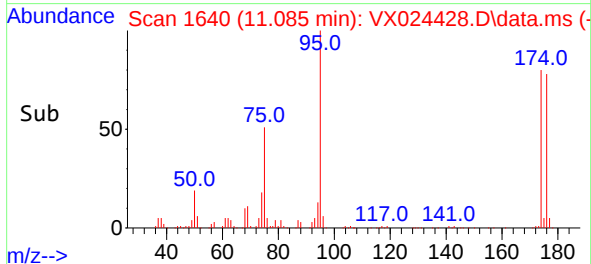
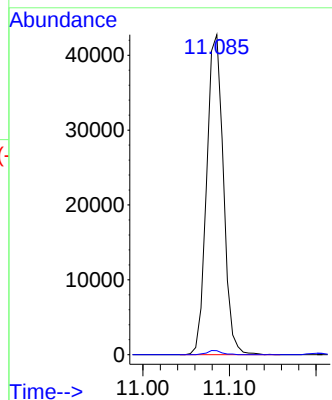
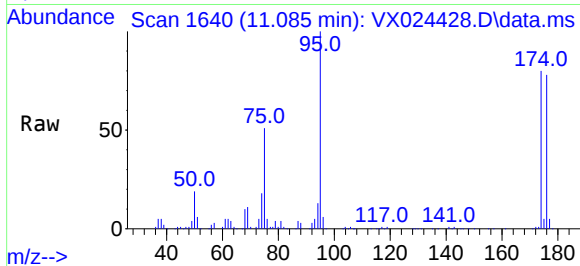




#76
1,2,3-Trichloropropane
Concen: 23.037 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

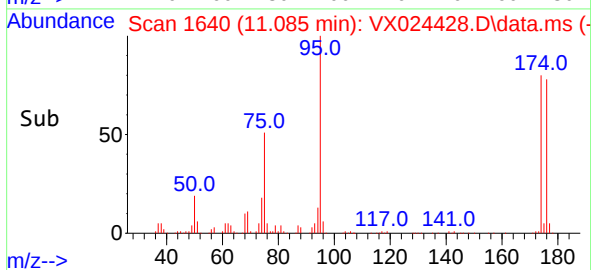
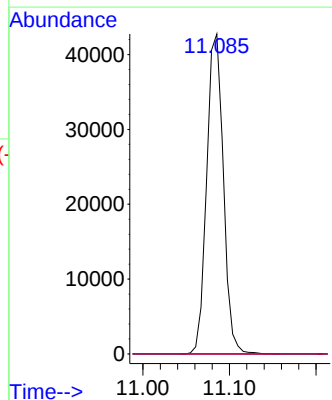
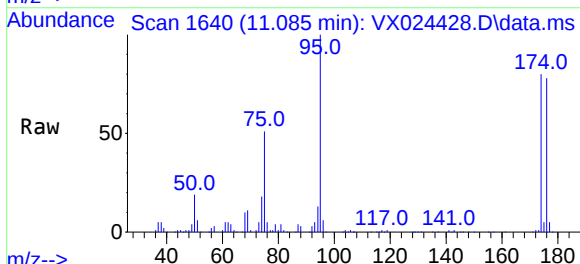
Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01

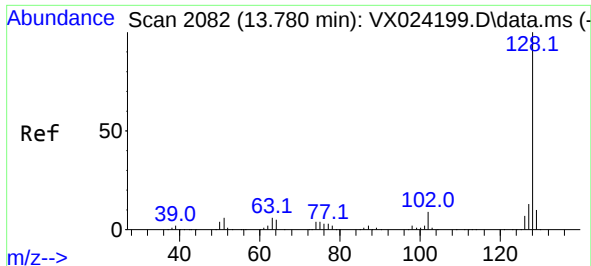
Tgt Ion: 75 Resp: 57165
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

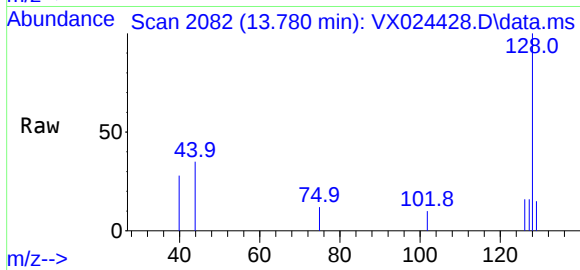
Tgt Ion: 75 Resp: 57165
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.379 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024428.D
Acq: 22 Sep 2021 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0922MBL01



Tgt Ion:128 Resp: 730
Ion Ratio Lower Upper
128 100
127 17.3 10.3 15.5#
129 9.9 8.8 13.2

