

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
 Data File : VX024375.D
 Acq On : 21 Sep 2021 02:17
 Operator : JC/MD
 Sample : M3782-16DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE139D1-20210915DL

Quant Time: Sep 21 08:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

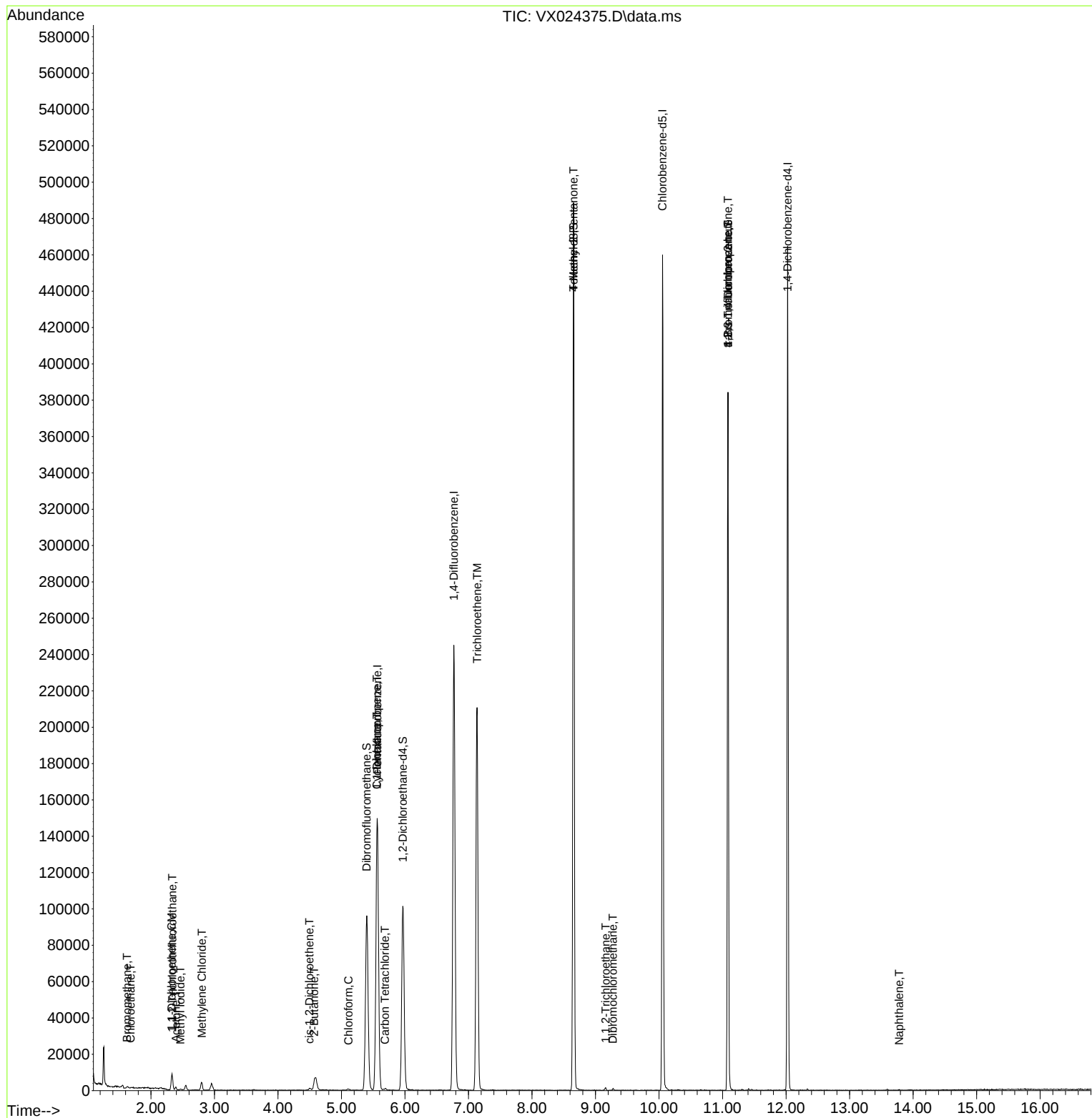
Internal Standards						
1) Pentafluorobenzene	5.562	168	139165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246290	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104325	52.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.140%	
35) Dibromofluoromethane	5.397	113	84091	50.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.820%	
50) Toluene-d8	8.653	98	276911	46.020	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 92.040%	
62) 4-Bromofluorobenzene	11.085	95	96009	41.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 82.000%#	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	467	0.564	ug/l	84
6) Chloroethane	1.679	64	149	2.129	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	2299	1.678	ug/l	95
10) Methyl Iodide	2.465	142	572	0.302	ug/l #	74
11) Tert butyl alcohol	2.959	59	2318	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	1285	1.001	ug/l #	74
16) Acetone	2.392	43	1769	2.091	ug/l	97
20) Methylene Chloride	2.800	84	2153	1.325	ug/l	96
25) 2-Butanone	4.568	43	315	0.253	ug/l #	45
27) cis-1,2-Dichloroethene	4.495	96	799	0.493	ug/l	90
30) Chloroform	5.111	83	911	0.319	ug/l	84
31) Cyclohexane	5.556	56	2789	1.202	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11081	4.894	ug/l #	48
38) Carbon Tetrachloride	5.684	117	905	0.355	ug/l #	81
44) Trichloroethene	7.135	130	83254	45.624	ug/l	98
51) 4-Methyl-2-Pentanone	8.653	43	1414	0.528	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	408	0.225	ug/l	91
60) Dibromochloromethane	9.275	129	150	1.797	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	52418	25.422	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52418	74.765	ug/l #	12
95) Naphthalene	13.780	128	239	1.323	ug/l #	69

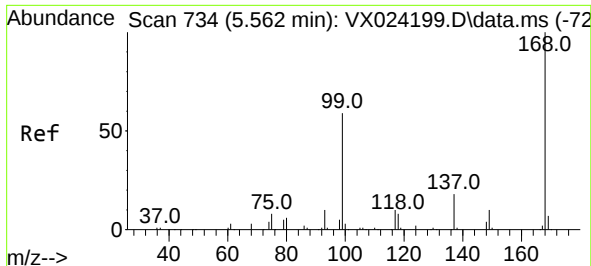
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092021\
Data File : VX024375.D
Acq On : 21 Sep 2021 02:17
Operator : JC/MD
Sample : M3782-16DL 4X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

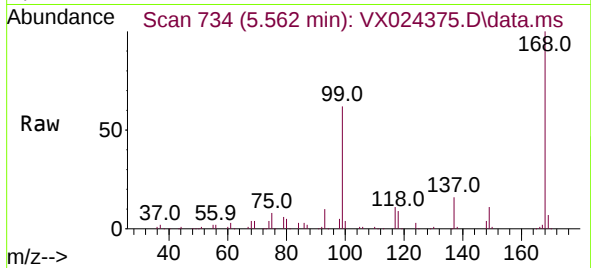
Quant Time: Sep 21 08:46:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 14 12:18:04 2021
Response via : Initial Calibration



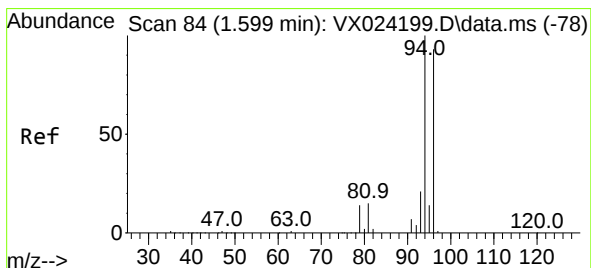
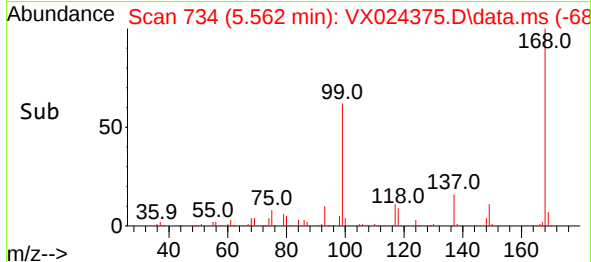
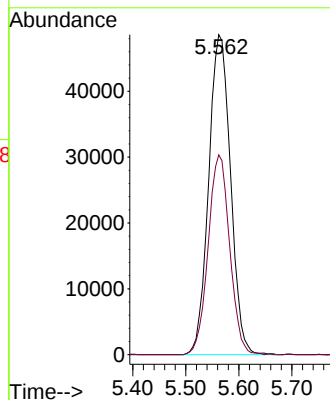


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

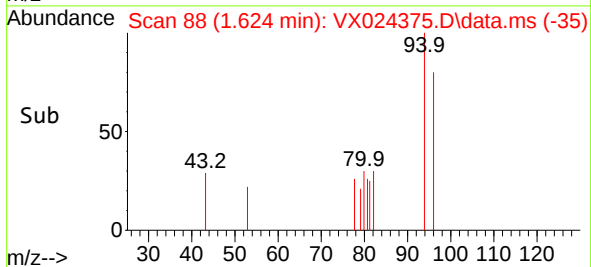
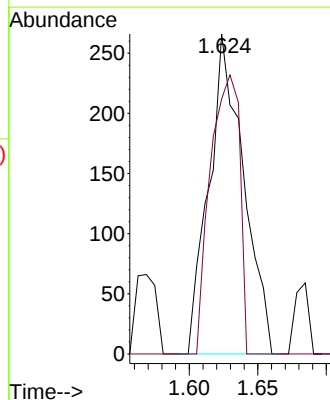
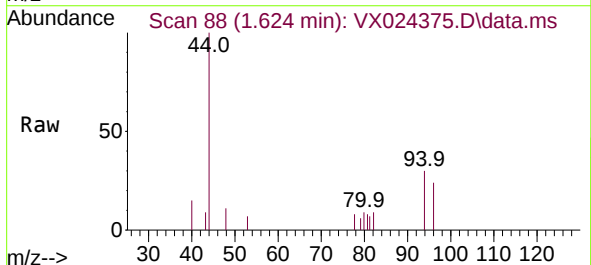


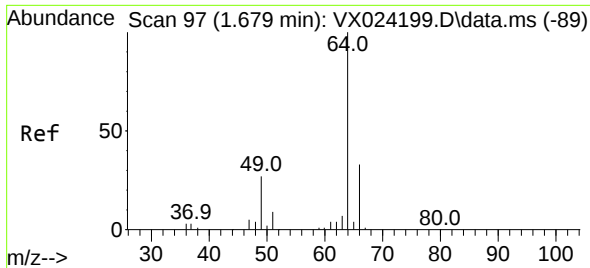
Tgt Ion:168 Resp: 139165
Ion Ratio Lower Upper
168 100
99 62.5 45.8 68.6



#5
Bromomethane
Concen: 0.564 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 79.7 76.4 114.6

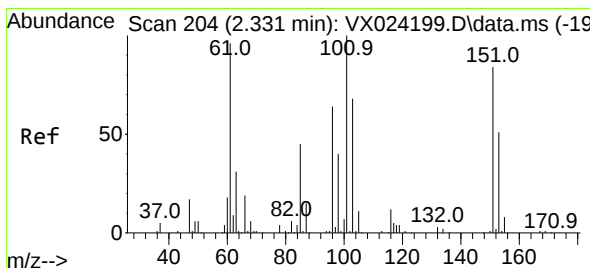
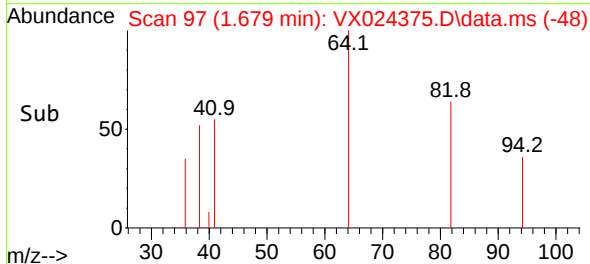
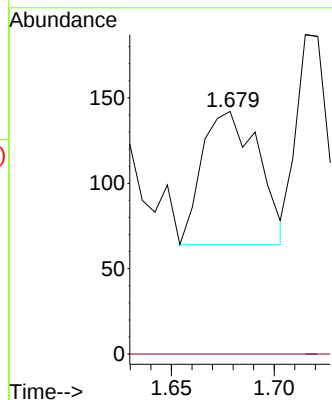
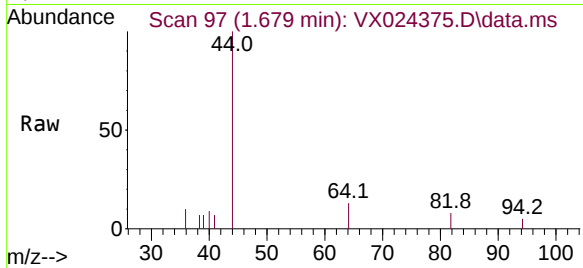




#6
Chloroethane
Concen: 2.129 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

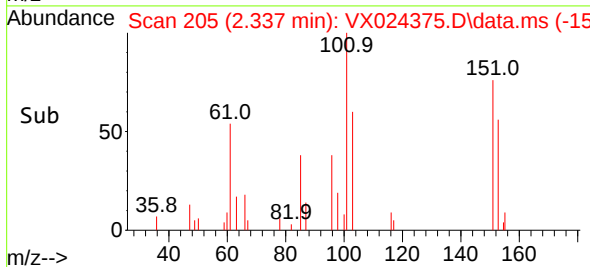
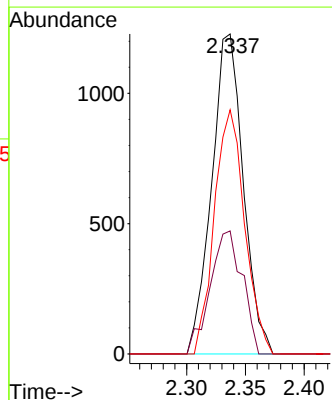
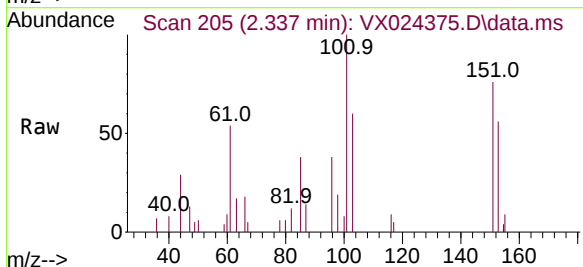
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

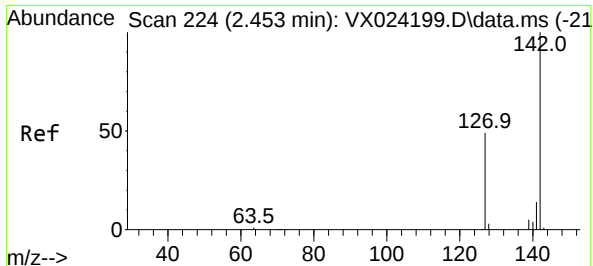
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.678 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 101 Resp: 2299
Ion Ratio Lower Upper
101 100
85 38.9 34.9 52.3
151 73.1 61.4 92.2

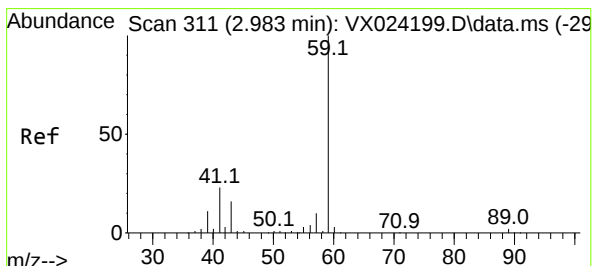
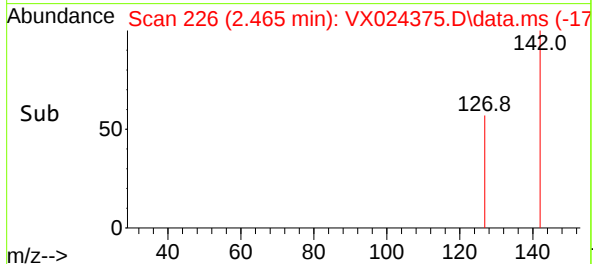
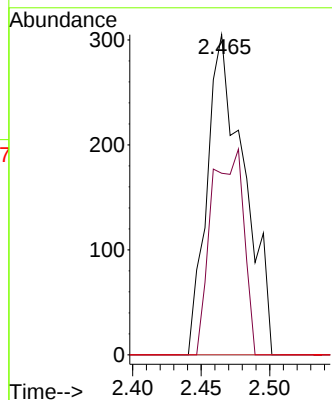
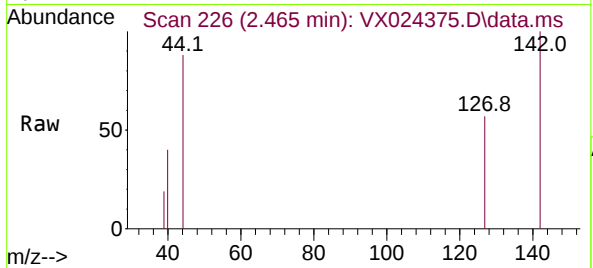




#10
Methyl Iodide
Concen: 0.302 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

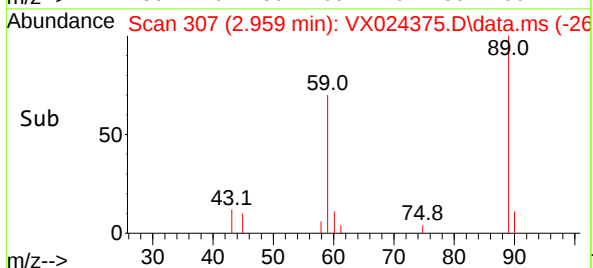
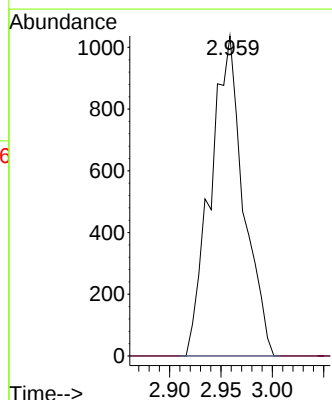
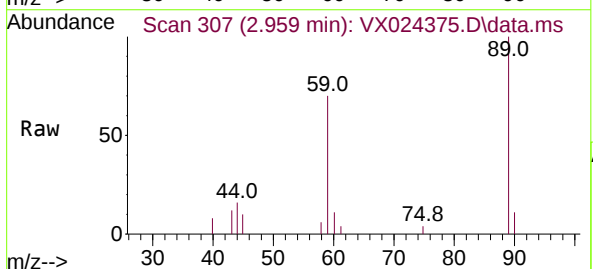
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

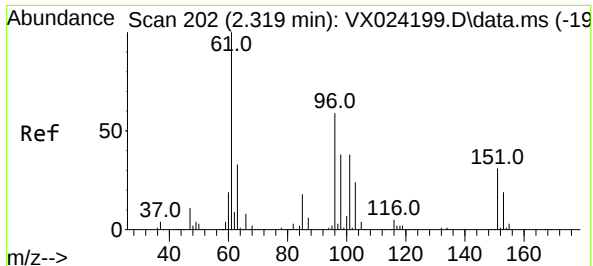
Tgt Ion:142 Resp: 572
Ion Ratio Lower Upper
142 100
127 55.9 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 59 Resp: 2318
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.001 ug/l

RT: 2.325 min Scan# 203

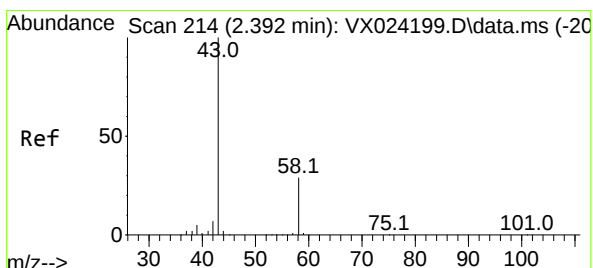
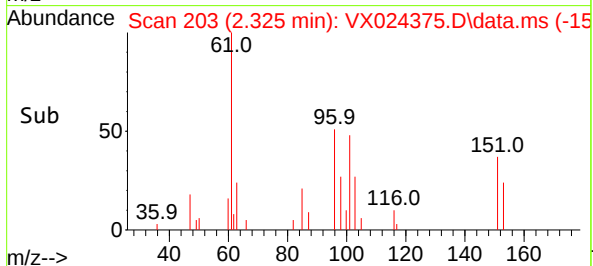
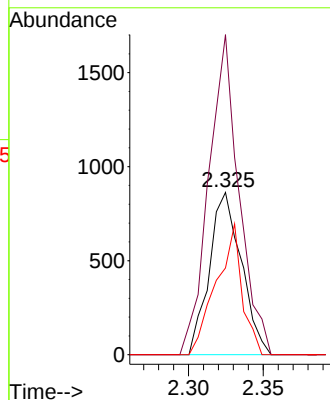
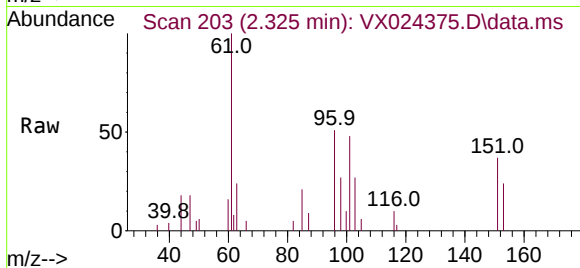
Delta R.T. 0.006 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

Tgt Ion:	96	Resp:	1285
Ion	Ratio	Lower	Upper
96	100		
61	197.2	124.6	187.0#
98	53.4	50.6	76.0

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL



#16

Acetone

Concen: 2.091 ug/l

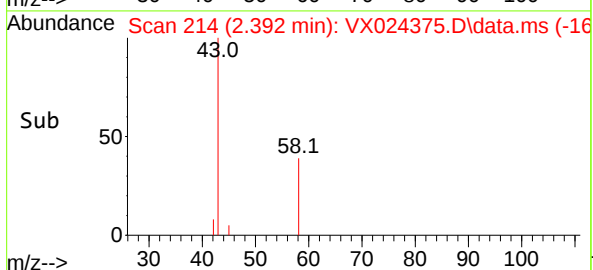
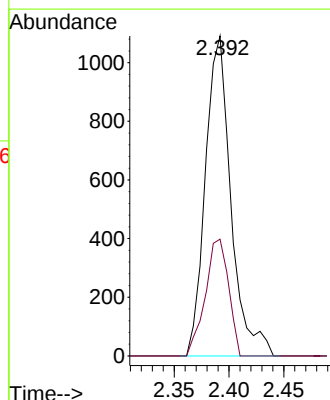
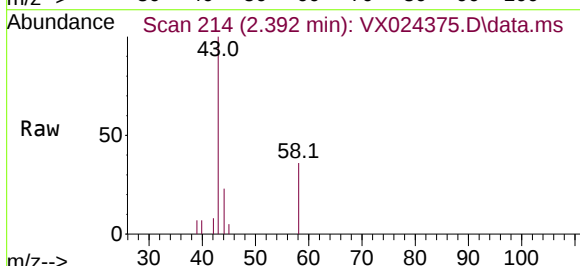
RT: 2.392 min Scan# 214

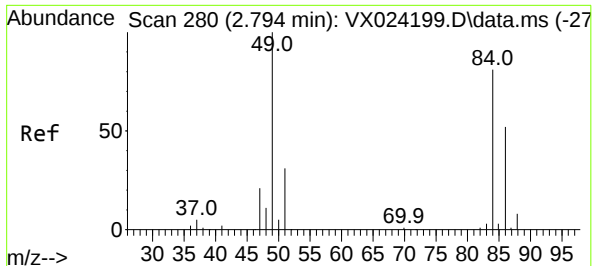
Delta R.T. -0.000 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

Tgt Ion:	43	Resp:	1769
Ion	Ratio	Lower	Upper
43	100		
58	36.5	27.8	41.8





#20

Methylene Chloride

Concen: 1.325 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

Tgt Ion: 84 Resp: 2153

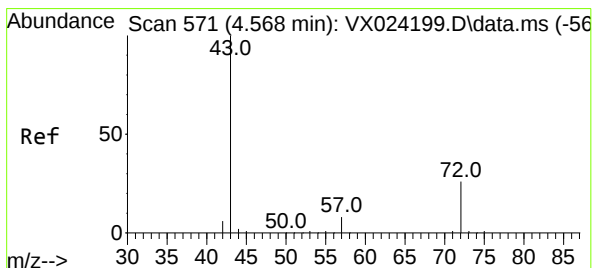
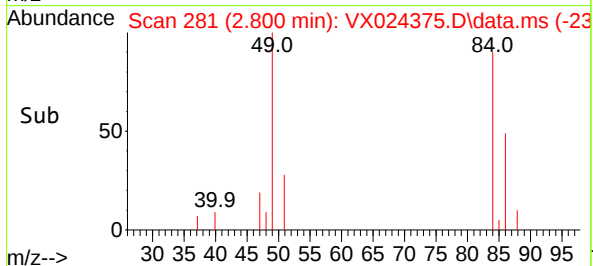
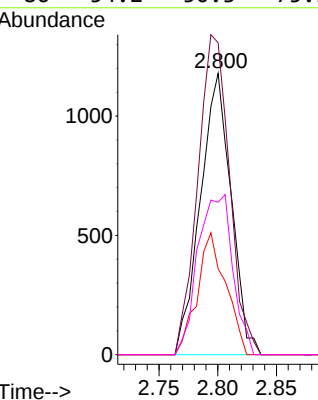
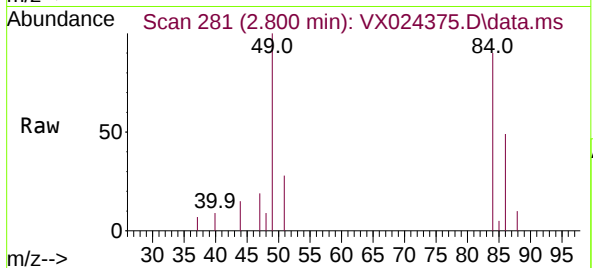
Ion Ratio Lower Upper

84 100

49 110.9 88.6 132.8

51 30.5 27.0 40.6

86 54.2 50.3 75.5



#25

2-Butanone

Concen: 0.253 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX024375.D

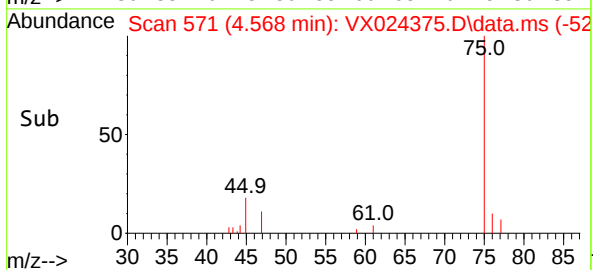
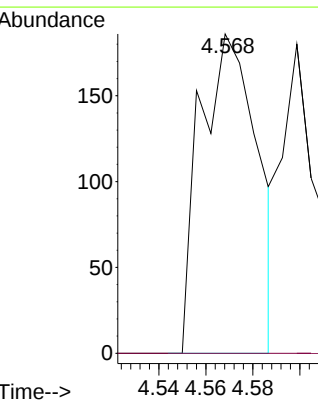
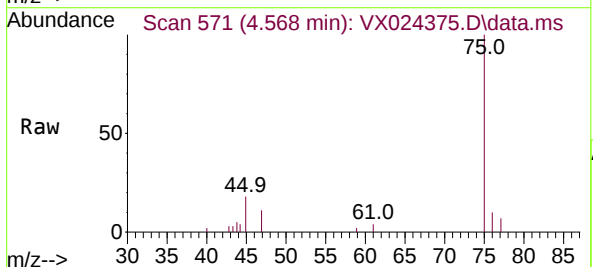
Acq: 21 Sep 2021 02:17

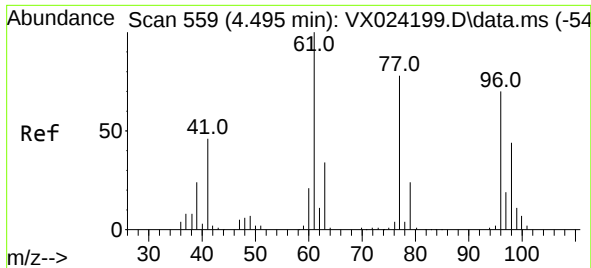
Tgt Ion: 43 Resp: 315

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

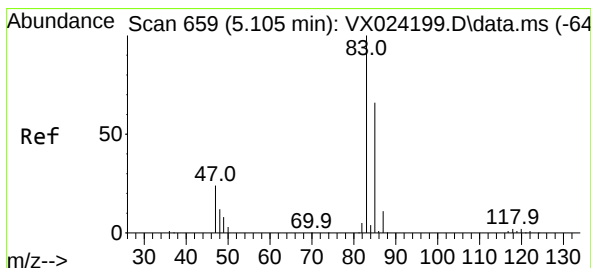
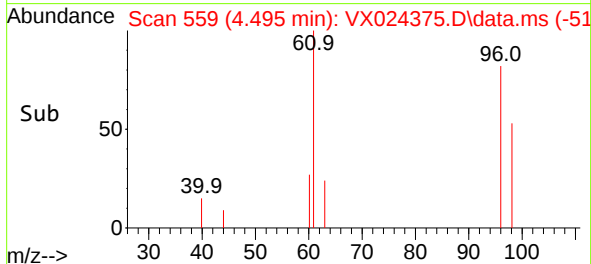
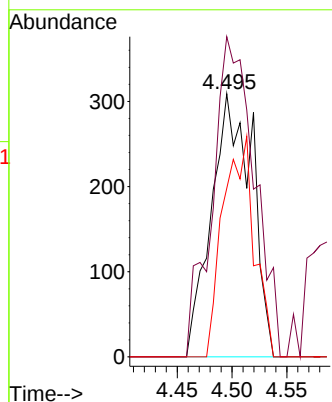
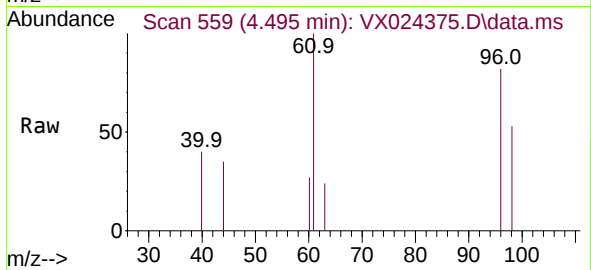




#27
cis-1,2-Dichloroethene
Concen: 0.493 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

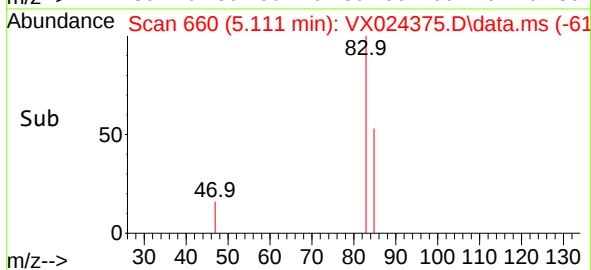
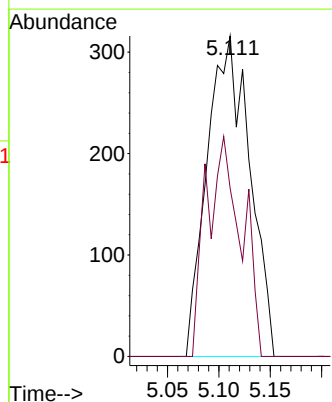
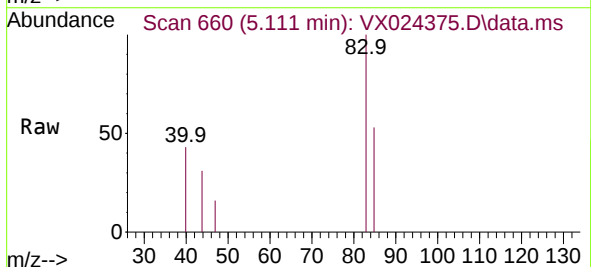
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

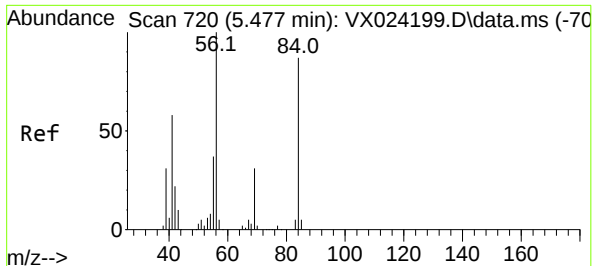
Tgt Ion: 96	Resp:	799	
Ion	Ratio	Lower	Upper
96	100		
61	126.0	0.0	285.6
98	64.1	0.0	129.6



#30
Chloroform
Concen: 0.319 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 83	Resp:	911	
Ion	Ratio	Lower	Upper
83	100		
85	52.5	52.0	78.0

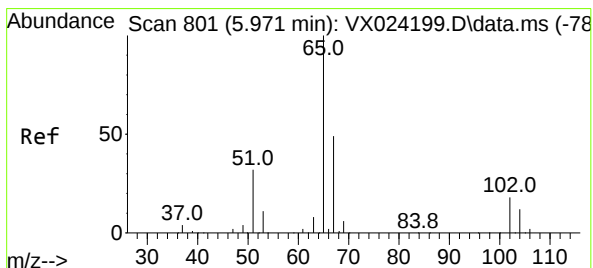
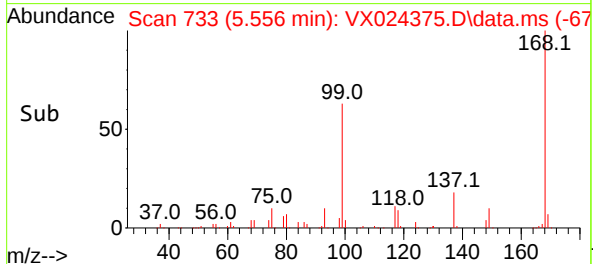
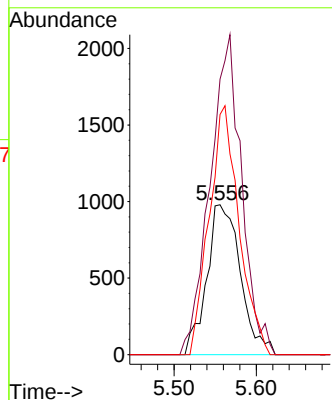
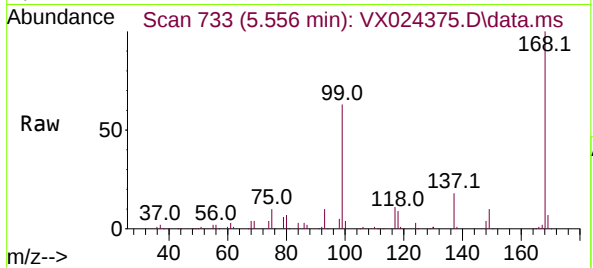




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

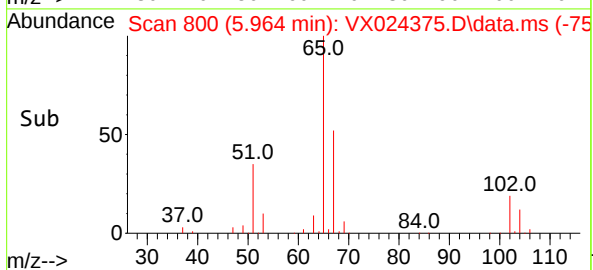
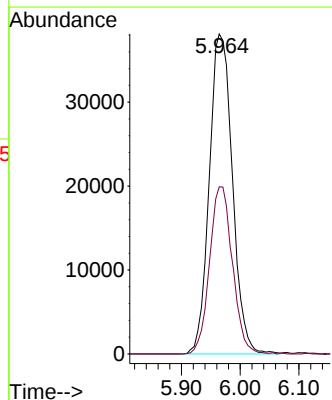
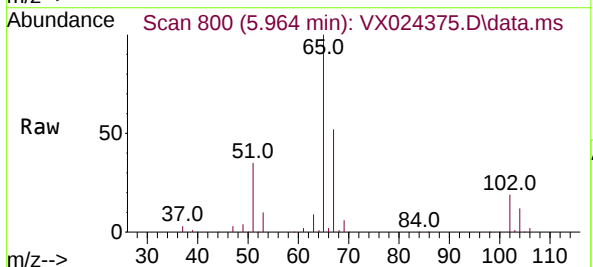
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

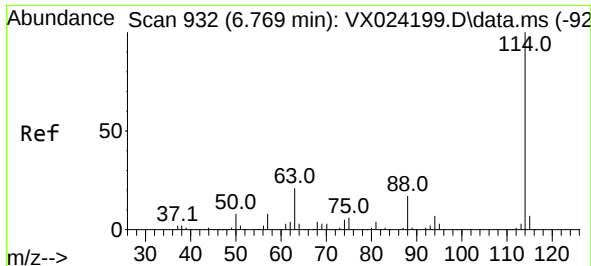
Tgt Ion: 56 Resp: 2789
Ion Ratio Lower Upper
56 100
69 183.9 25.3 37.9#
84 160.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.571 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 65 Resp: 104325
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

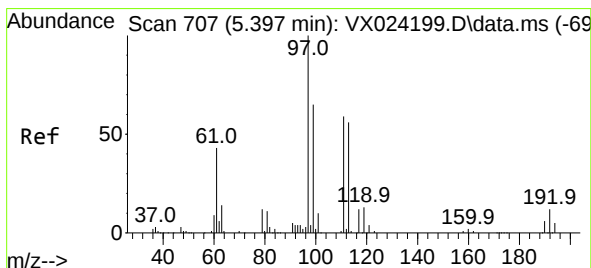
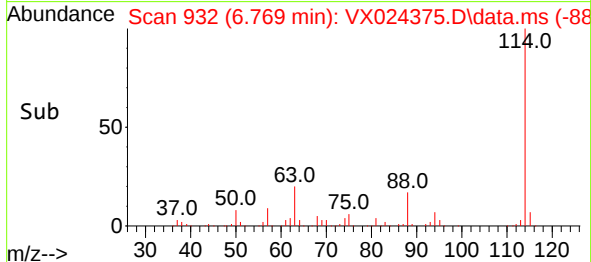
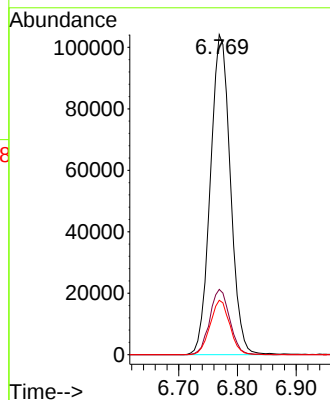
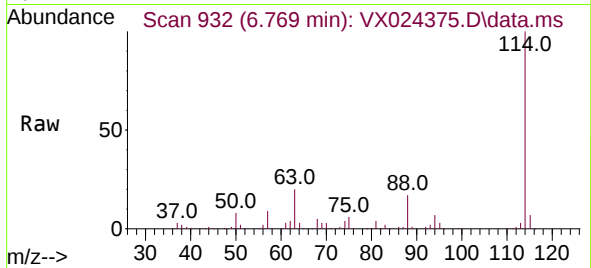




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

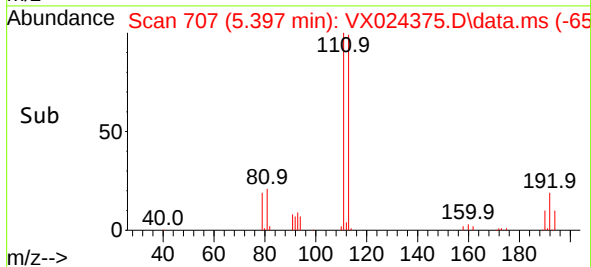
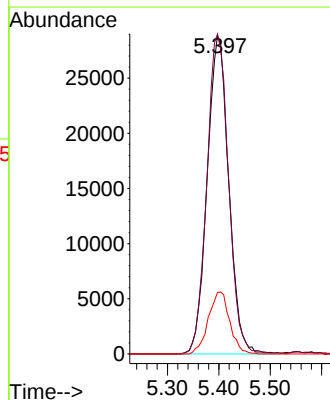
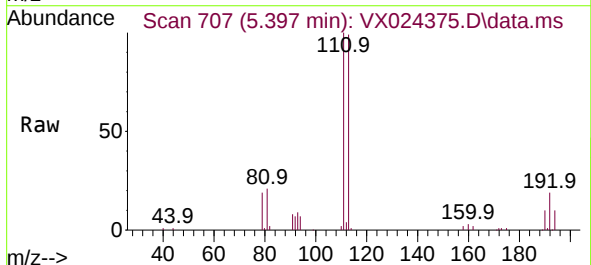
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

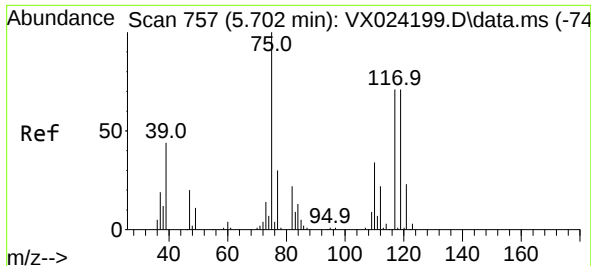
Tgt Ion:	114	Resp:	246290
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	40.8
88	17.0	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.911 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion:	113	Resp:	84091
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.9	122.9
192	19.2	16.7	25.1

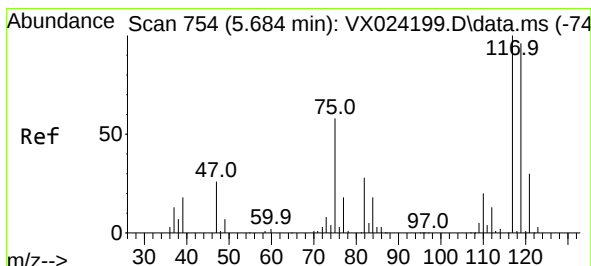
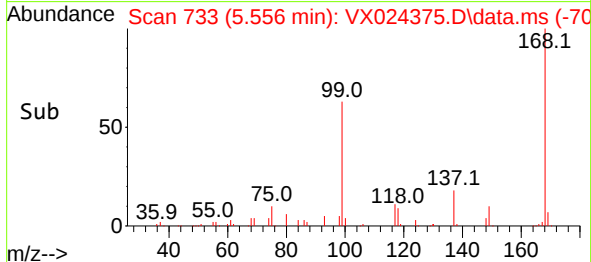
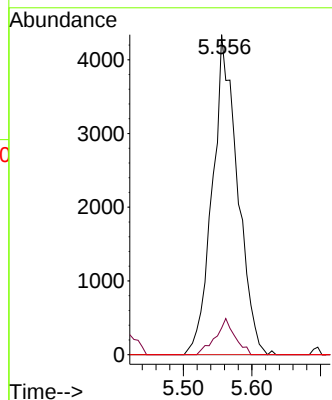
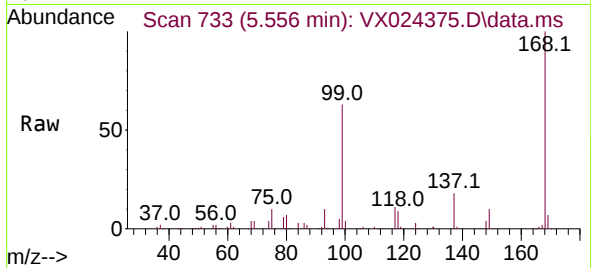




#36
1,1-Dichloropropene
Concen: 4.894 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

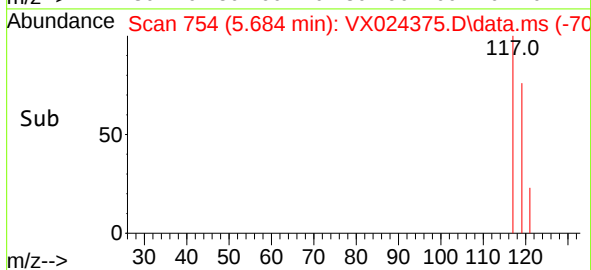
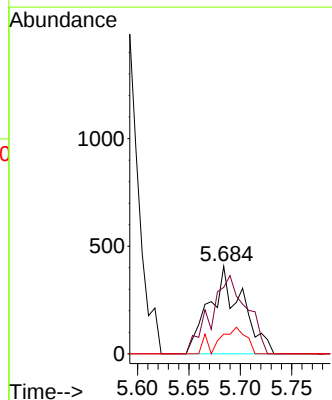
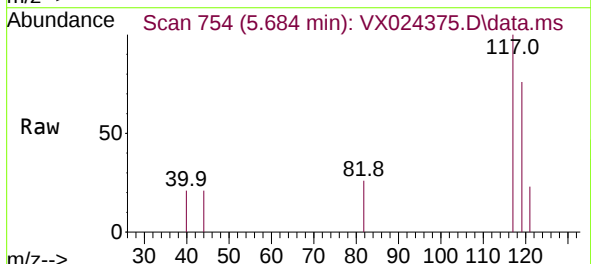
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

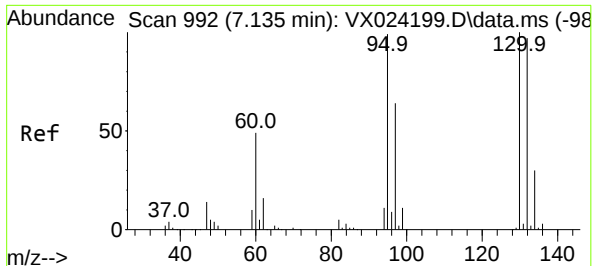
Tgt Ion: 75 Resp: 11081
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 0.355 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 117 Resp: 905
Ion Ratio Lower Upper
117 100
119 75.9 76.2 114.2#
121 22.6 24.8 37.2#

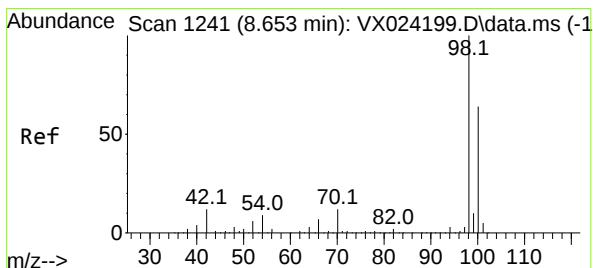
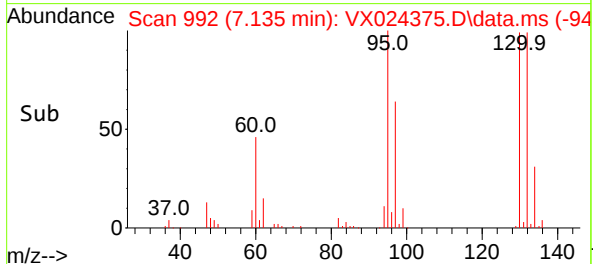
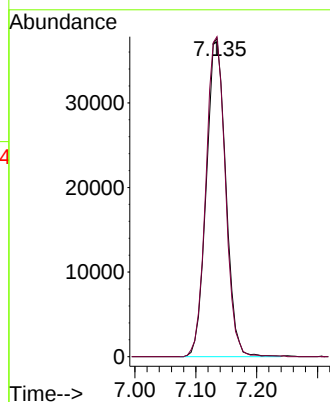
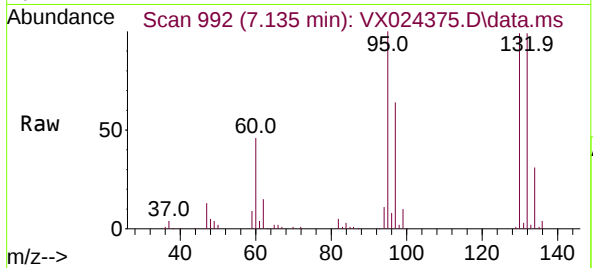




#44
Trichloroethene
Concen: 45.624 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

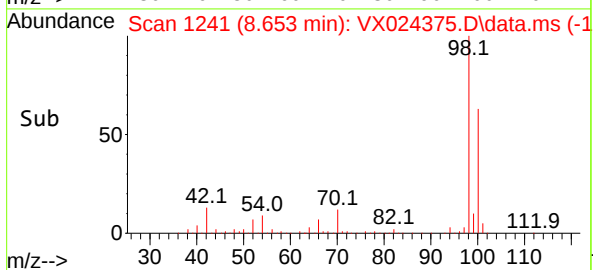
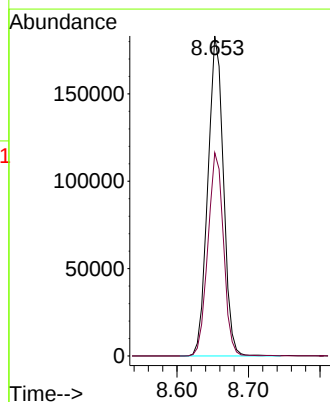
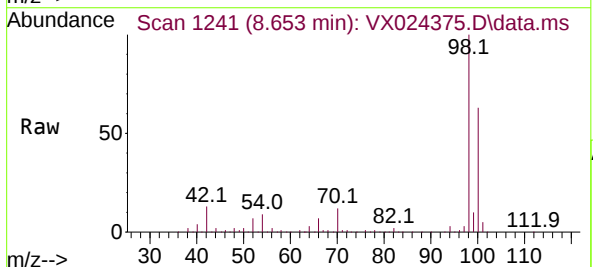
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

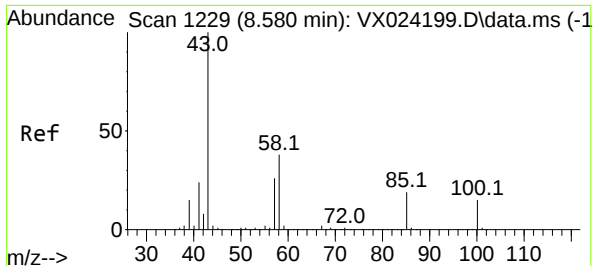
Tgt Ion:130 Resp: 83254
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.0



#50
Toluene-d8
Concen: 46.020 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 98 Resp: 276911
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

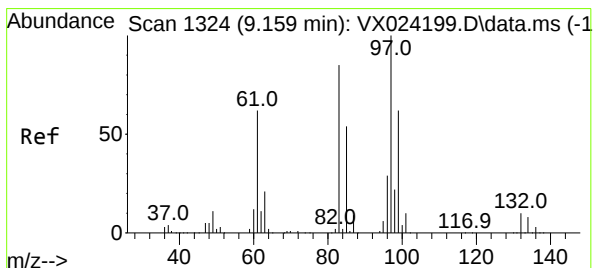
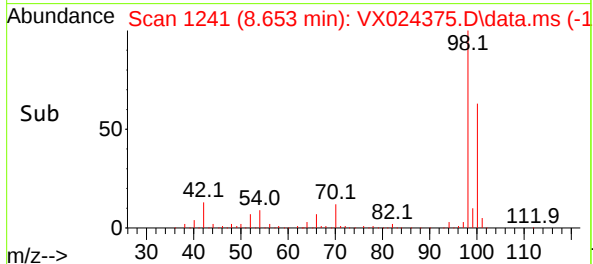
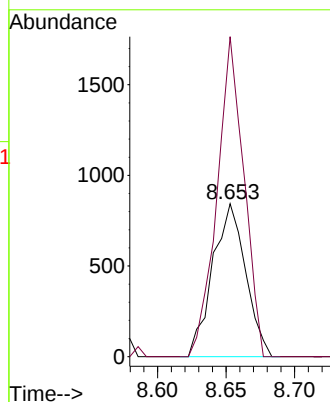
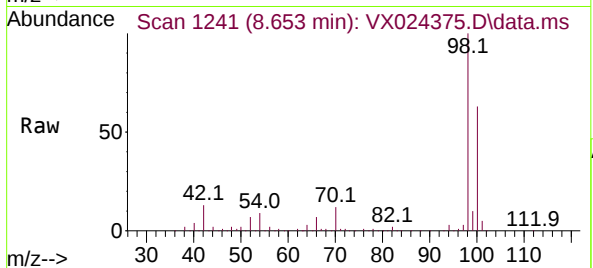




#51
4-Methyl-2-Pentanone
Concen: 0.528 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

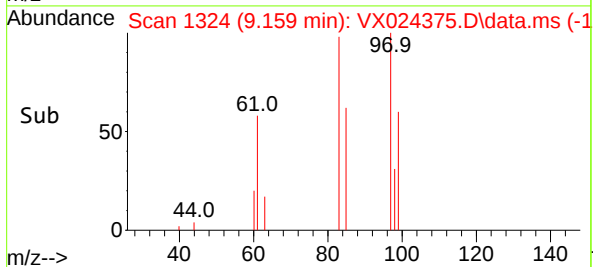
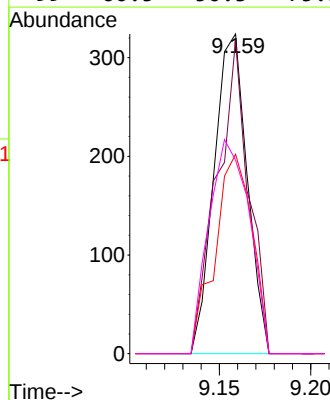
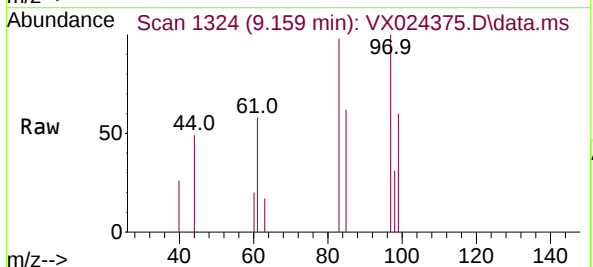
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

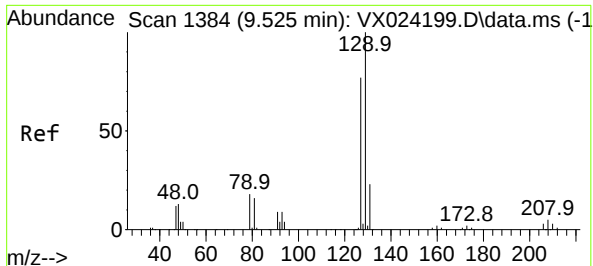
Tgt Ion: 43 Resp: 1414
Ion Ratio Lower Upper
43 100
58 170.4 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 0.225 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion: 97 Resp: 408
Ion Ratio Lower Upper
97 100
83 98.1 69.3 103.9
85 62.3 44.3 66.5
99 60.5 50.3 75.5





#60

Dibromochloromethane

Concen: 1.797 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

Tgt Ion:129 Resp: 150

Ion Ratio Lower Upper

129 100

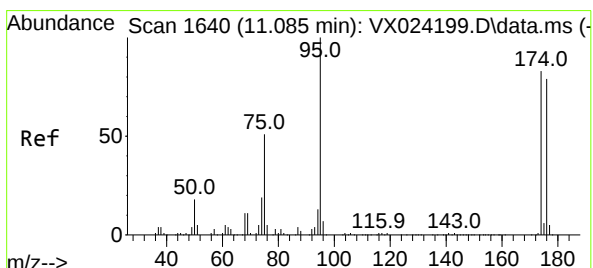
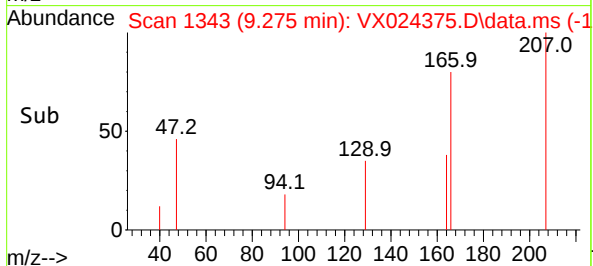
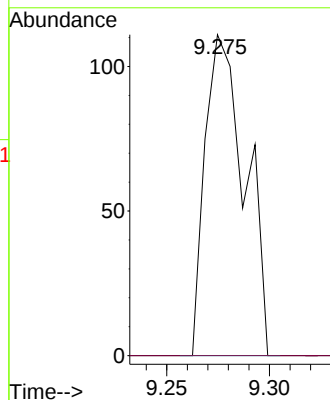
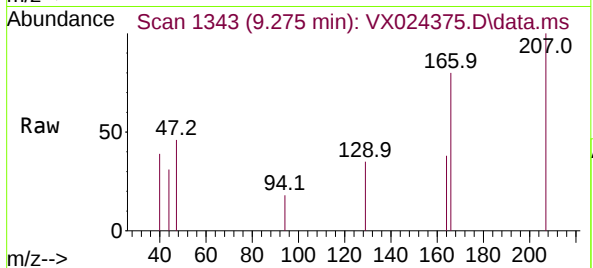
127 0.0 38.4 115.2#

Instrument :

MSVOA_X

ClientSampleId :

RE139D1-20210915DL



#62

4-Bromofluorobenzene

Concen: 41.000 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX024375.D

Acq: 21 Sep 2021 02:17

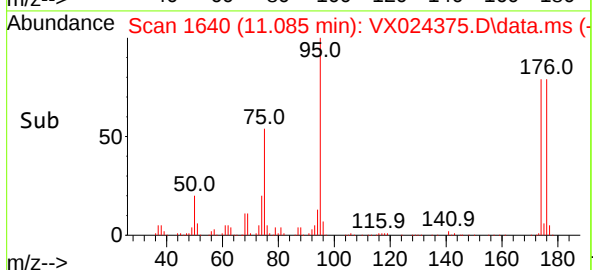
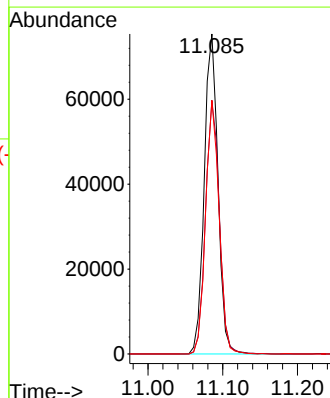
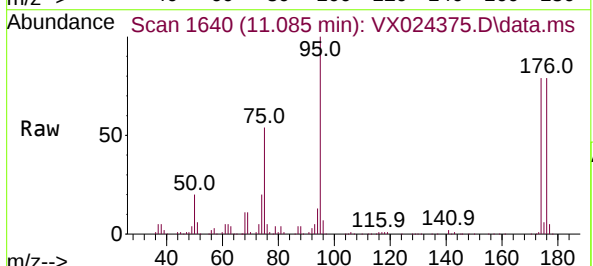
Tgt Ion: 95 Resp: 96009

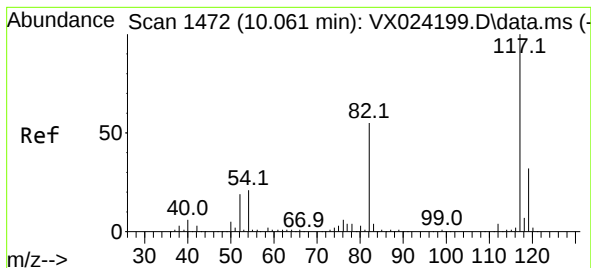
Ion Ratio Lower Upper

95 100

174 80.0 0.0 154.6

176 78.2 0.0 155.8

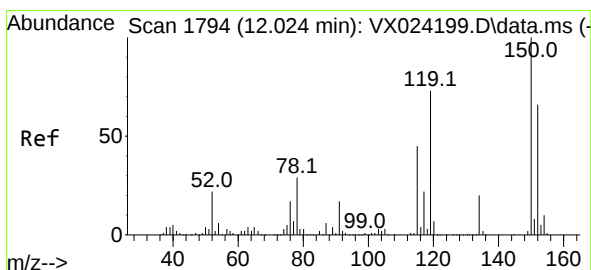
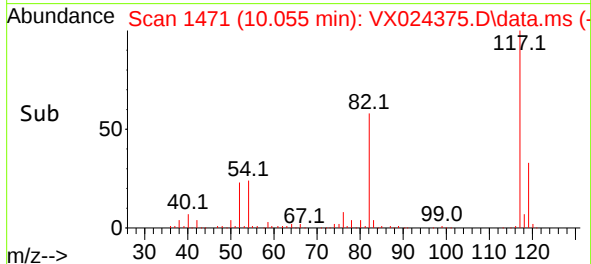
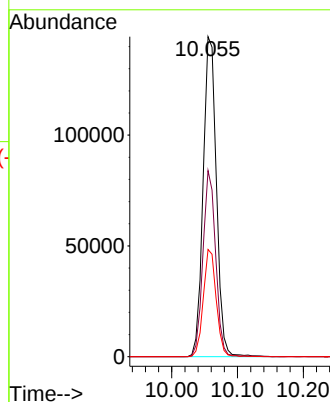
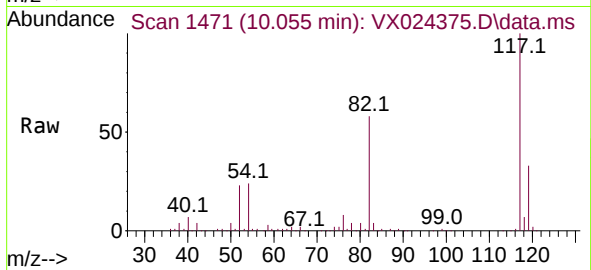




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

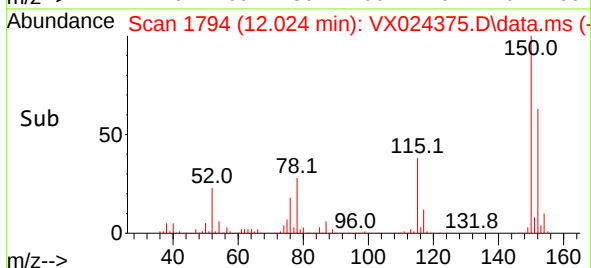
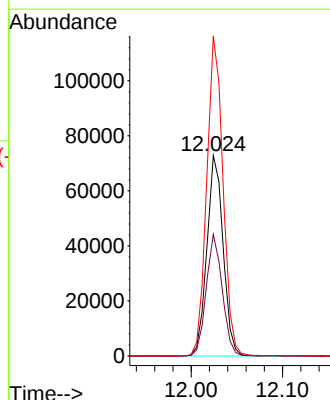
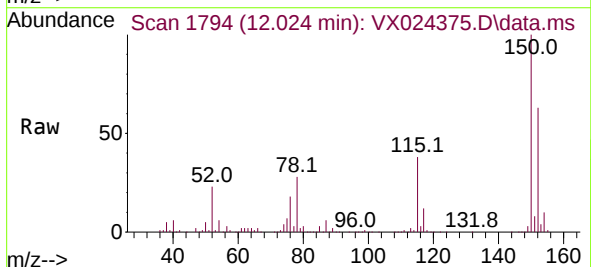
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

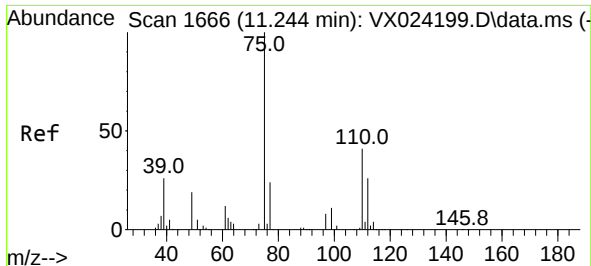
Tgt Ion:117 Resp: 202185
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Tgt Ion:152 Resp: 89673
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 159.5 0.0 349.0

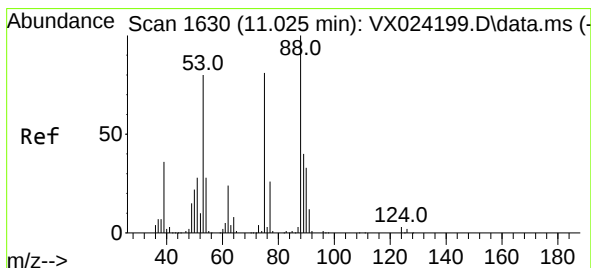
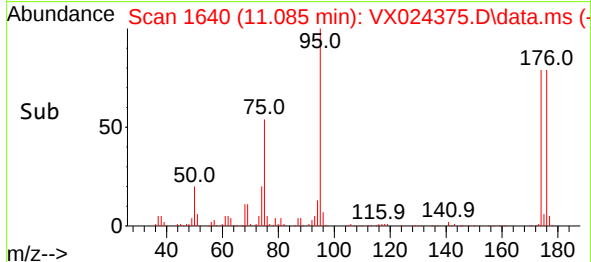
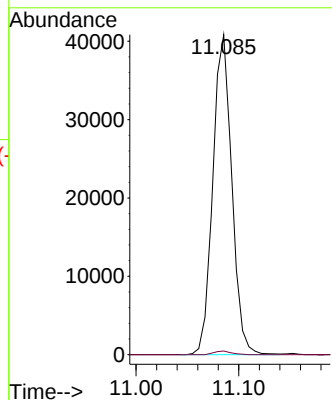
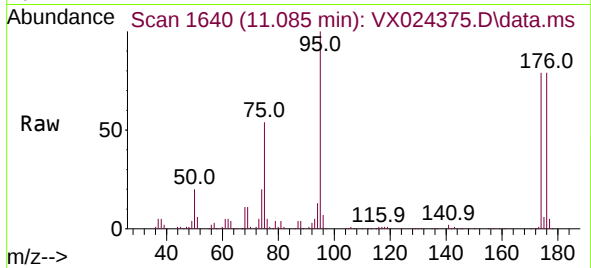




#76
1,2,3-Trichloropropane
Concen: 25.422 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

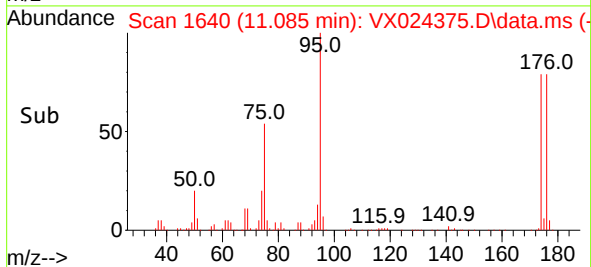
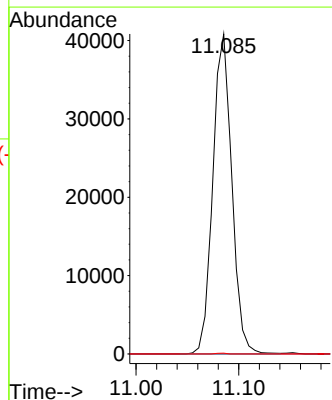
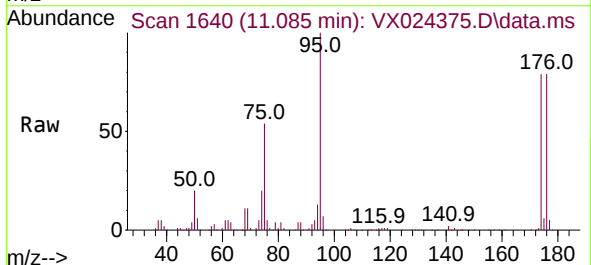
Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL

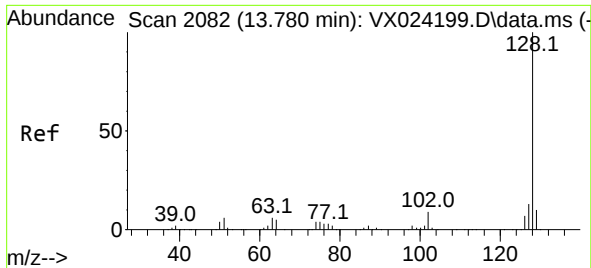
Tgt Ion: 75 Resp: 52418
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.765 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

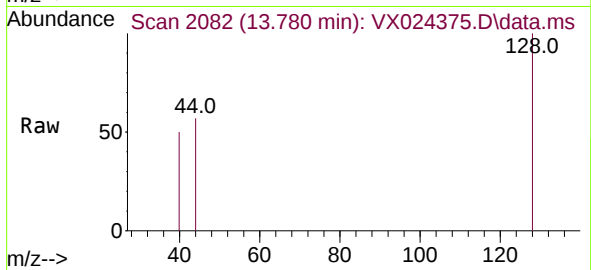
Tgt Ion: 75 Resp: 52418
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.323 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024375.D
Acq: 21 Sep 2021 02:17

Instrument :
MSVOA_X
ClientSampleId :
RE139D1-20210915DL



Tgt Ion:128 Resp: 239
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

