

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024446.D
 Acq On : 22 Sep 2021 19:49
 Operator : JC/MD
 Sample : M3833-15DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920DL

Quant Time: Sep 23 06:41:59 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)

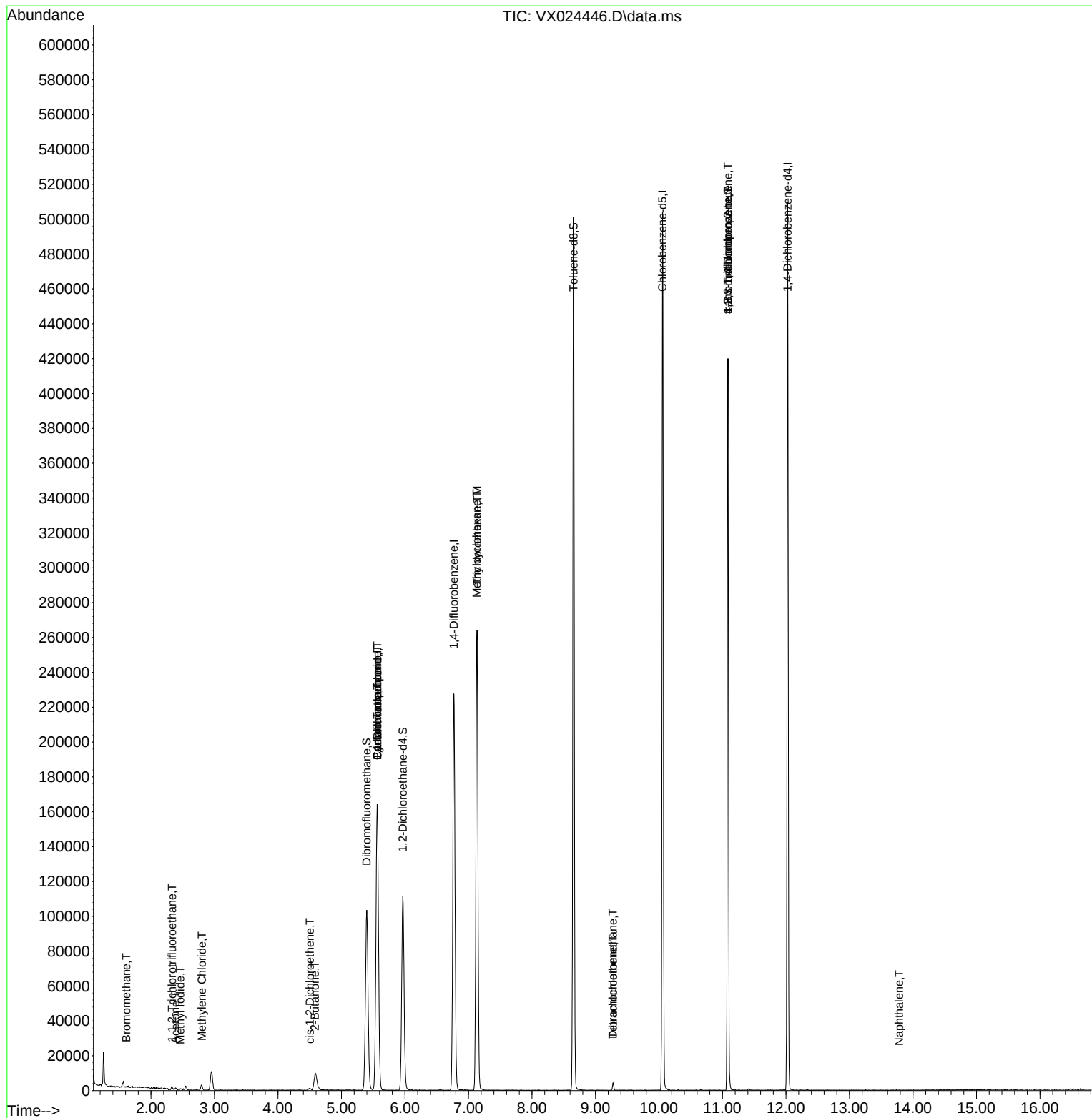
Internal Standards						
1) Pentafluorobenzene	5.562	168	152448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110965	51.045	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.100%	
35) Dibromofluoromethane	5.398	113	89394	58.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.620%	
50) Toluene-d8	8.653	98	283287	51.158	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.320%	
62) 4-Bromofluorobenzene	11.086	95	106310	49.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.660%	
Target Compounds						Qvalue
5) Bromomethane	1.612	94	522	0.576	ug/l #	51
9) 1,1,2-Trichlorotrifluo...	2.331	101	855	0.570	ug/l #	84
10) Methyl Iodide	2.459	142	896	0.432	ug/l #	92
11) Tert butyl alcohol	2.959	59	6600	Below Cal	#	73
16) Acetone	2.386	43	1277	1.378	ug/l #	72
20) Methylene Chloride	2.800	84	1359	0.764	ug/l	97
25) 2-Butanone	4.581	43	611	0.448	ug/l #	45
27) cis-1,2-Dichloroethene	4.501	96	688	0.387	ug/l	96
31) Cyclohexane	5.562	56	3231	1.271	ug/l #	20
36) 1,1-Dichloropropene	5.562	75	12399	5.950	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16517	7.042	ug/l #	17
39) Methylcyclohexane	7.129	83	1472	0.592	ug/l #	1
44) Trichloroethene	7.135	130	105097	62.584	ug/l	100
60) Dibromochloromethane	9.275	129	743	2.105	ug/l #	11
64) Tetrachloroethene	9.275	164	684	0.398	ug/l #	78
76) 1,2,3-Trichloropropane	11.086	75	57621	23.679	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	57621	69.642	ug/l #	12
95) Naphthalene	13.780	128	152	1.307	ug/l #	69

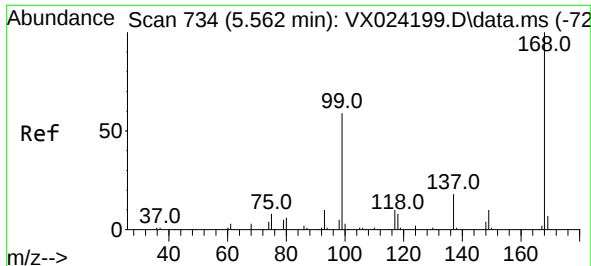
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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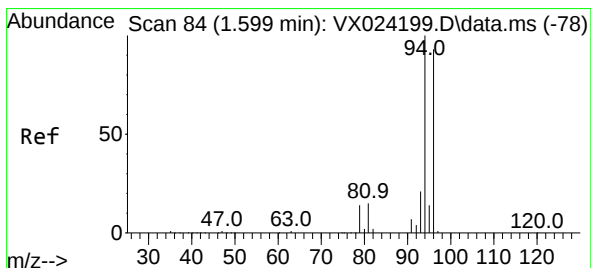
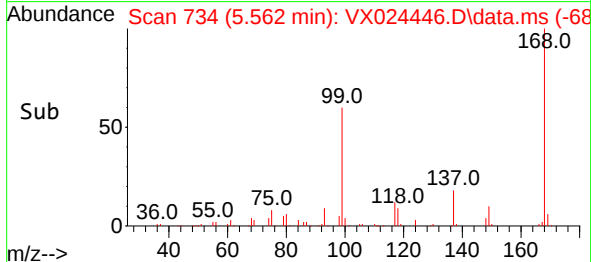
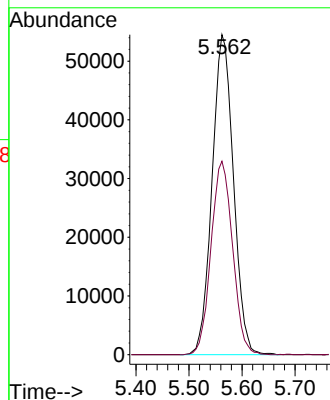
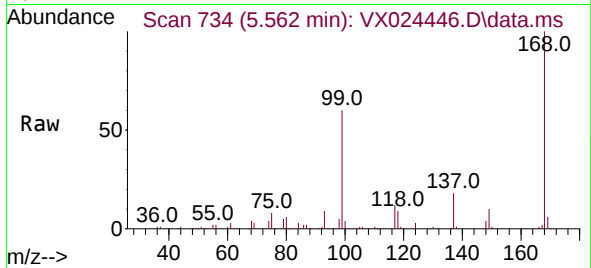




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

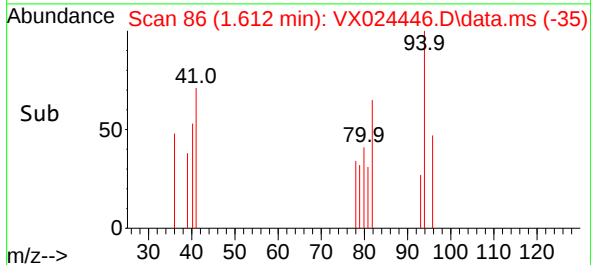
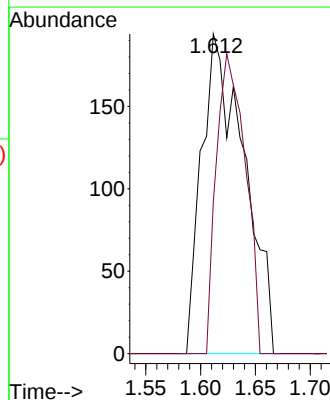
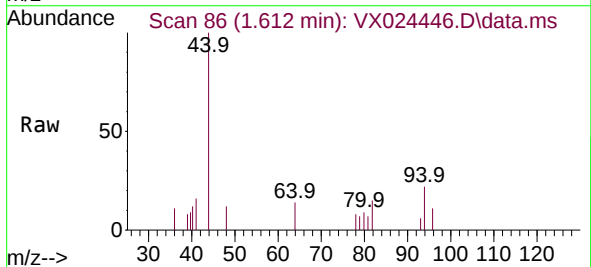
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

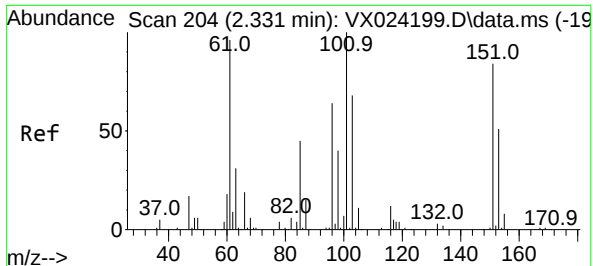
Tgt Ion:168 Resp: 152448
Ion Ratio Lower Upper
168 100
99 60.5 45.8 68.6



#5
Bromomethane
Concen: 0.576 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 94 Resp: 522
Ion Ratio Lower Upper
94 100
96 47.4 76.4 114.6#

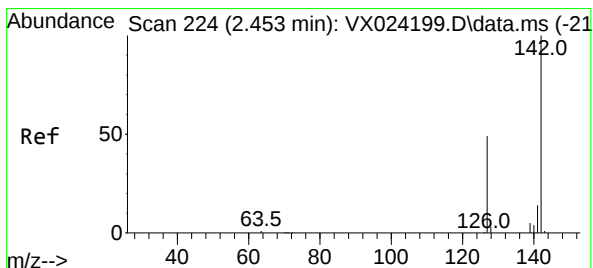
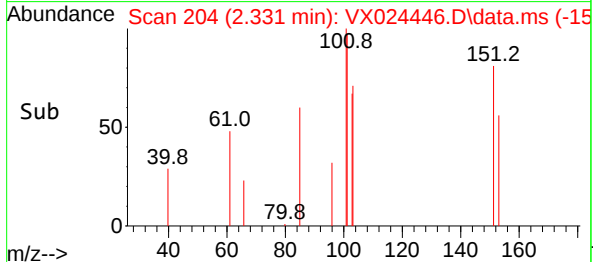
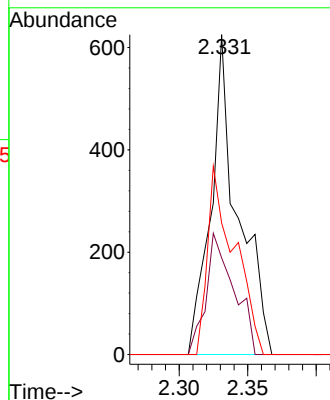
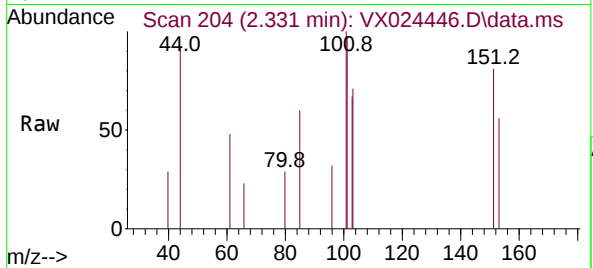




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.570 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

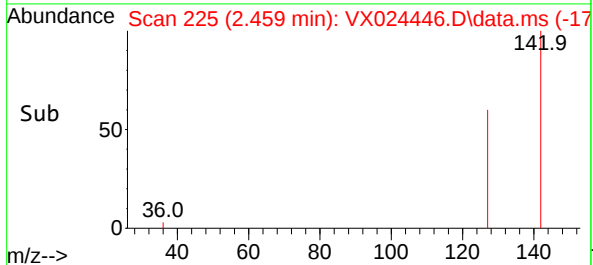
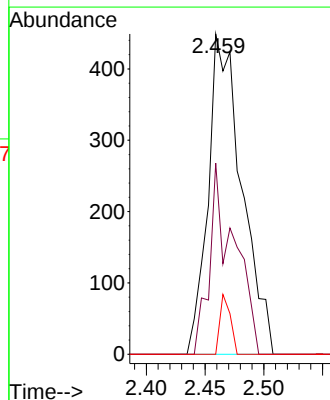
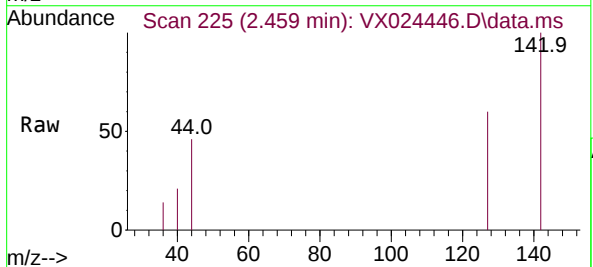
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

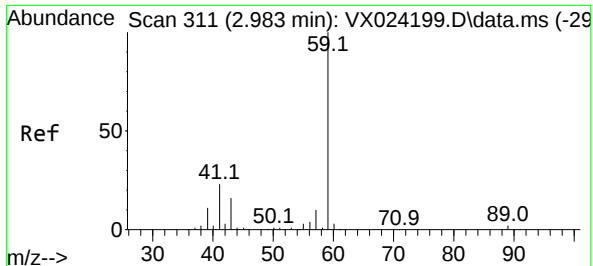
Tgt Ion:101 Resp: 855
Ion Ratio Lower Upper
101 100
85 39.3 34.9 52.3
151 58.8 61.4 92.2#



#10
Methyl Iodide
Concen: 0.432 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
127 44.0 33.3 49.9
141 5.8 11.4 17.0#



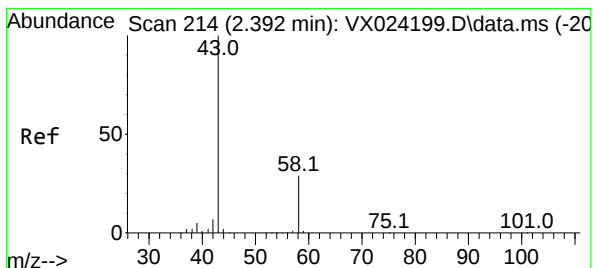
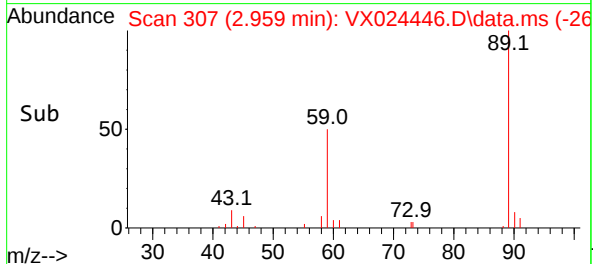
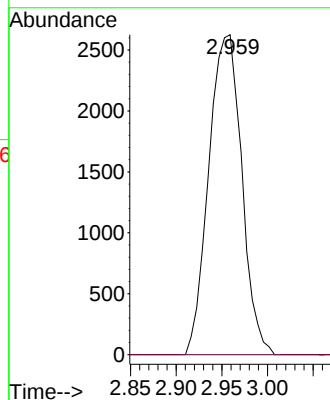
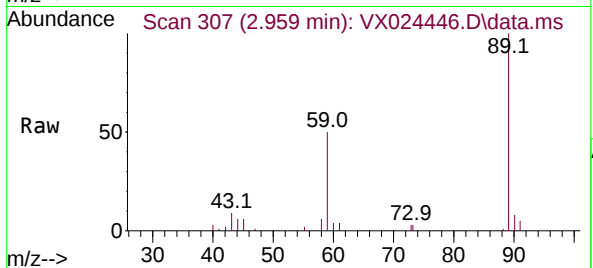


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

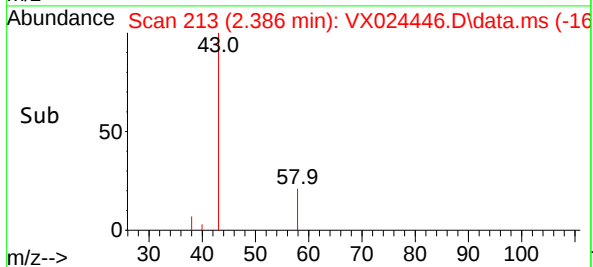
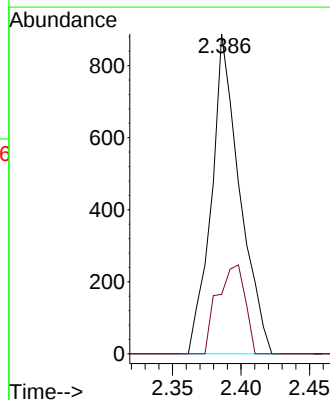
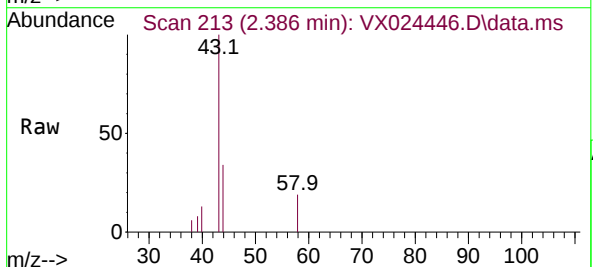
Tgt Ion: 59 Resp: 6600
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

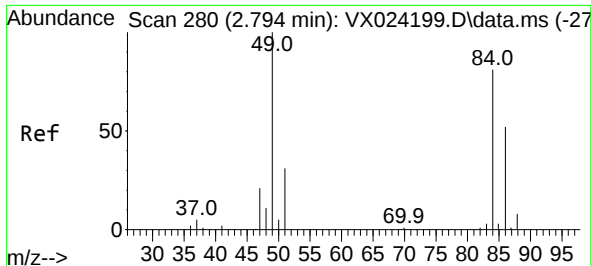


#16

Acetone
Concen: 1.378 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 43 Resp: 1277
Ion Ratio Lower Upper
43 100
58 18.6 27.8 41.8#

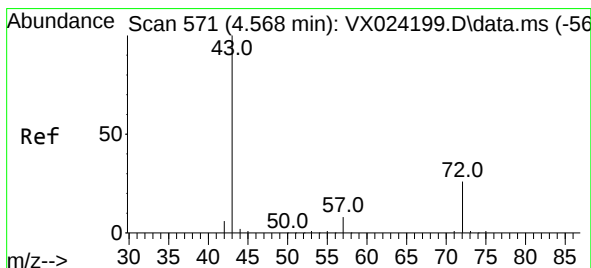
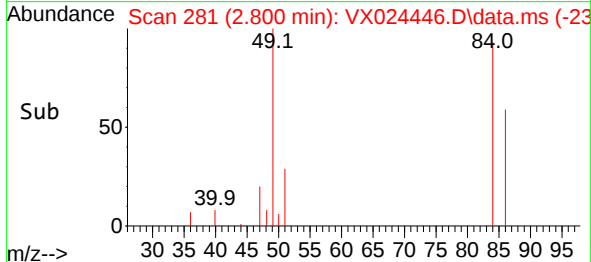
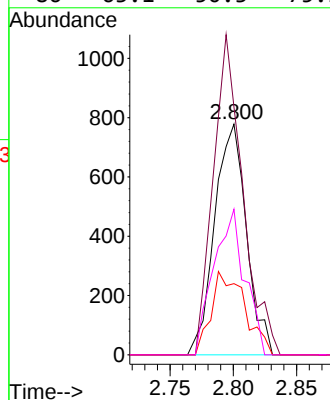
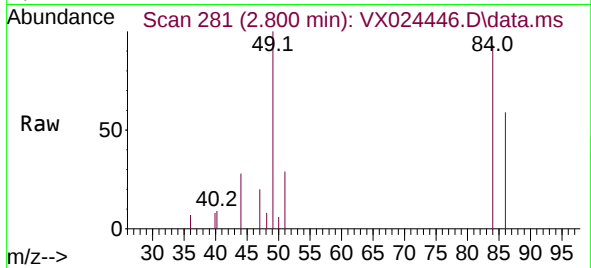




#20
Methylene Chloride
Concen: 0.764 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

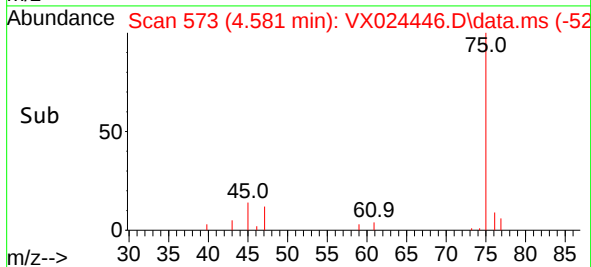
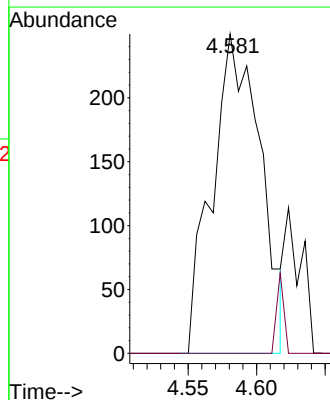
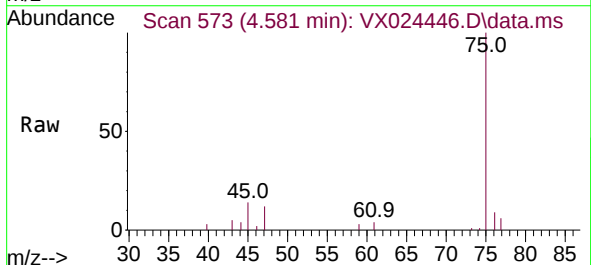
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

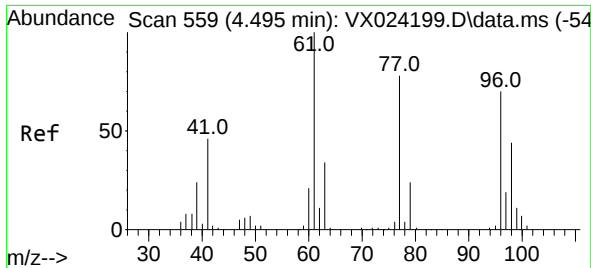
Tgt Ion: 84	Resp:	1359
Ion	Ratio	Lower Upper
84	100	
49	107.5	88.6 132.8
51	30.8	27.0 40.6
86	63.1	50.3 75.5



#25
2-Butanone
Concen: 0.448 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 43	Resp:	611
Ion	Ratio	Lower Upper
43	100	
72	0.0	23.7 35.5#





#27

cis-1,2-Dichloroethene

Concen: 0.387 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

Tgt Ion: 96 Resp: 688

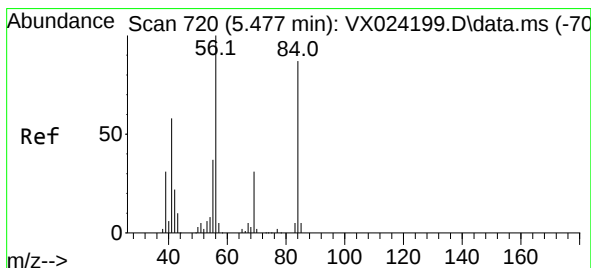
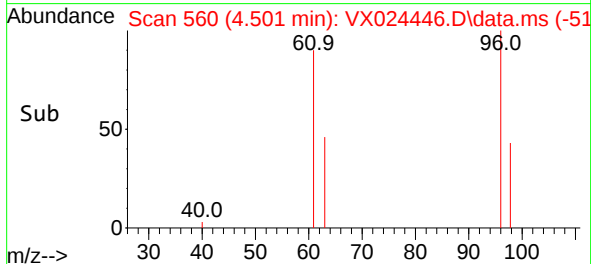
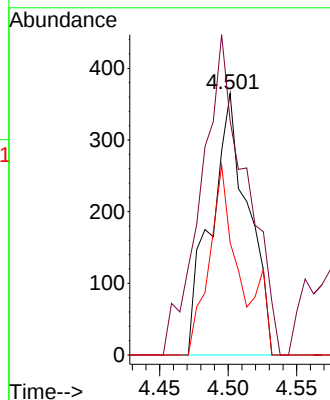
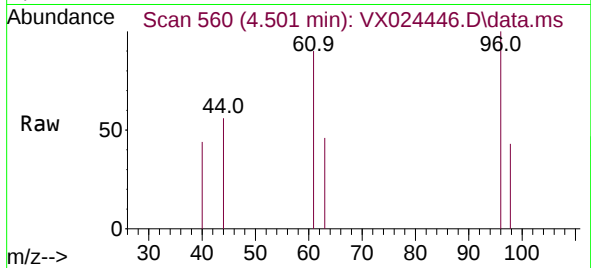
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	285.6
98	60.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210920DL



#31

Cyclohexane

Concen: 1.271 ug/l

RT: 5.562 min Scan# 734

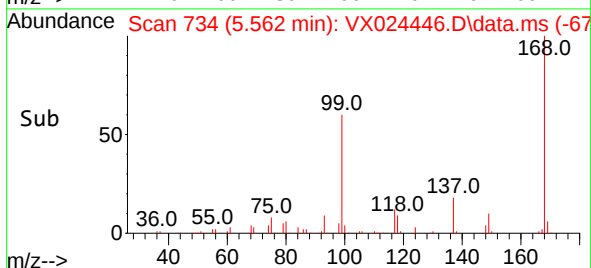
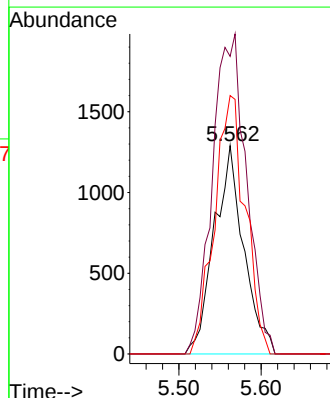
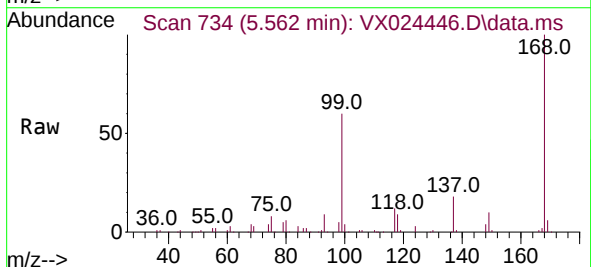
Delta R.T. 0.085 min

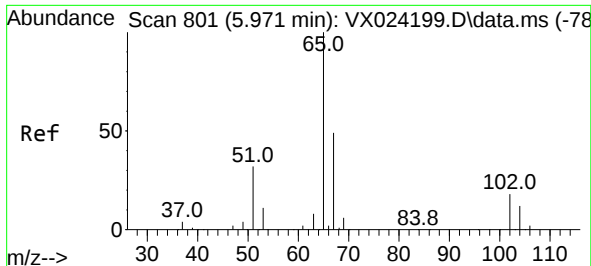
Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

Tgt Ion: 56 Resp: 3231

Ion	Ratio	Lower	Upper
56	100		
69	142.8	25.3	37.9#
84	124.0	71.4	107.0#

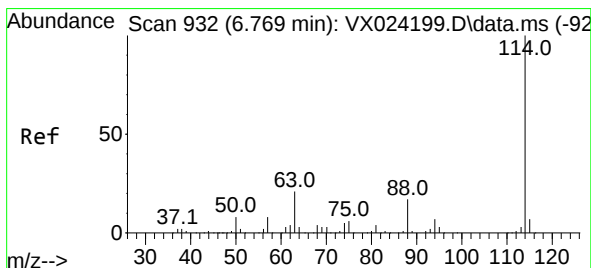
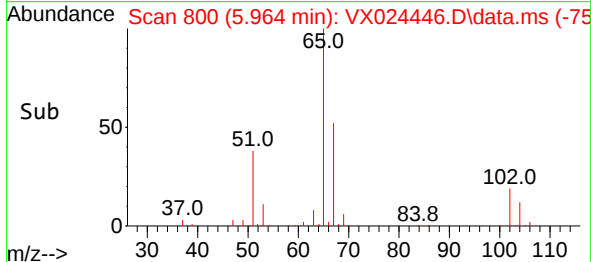
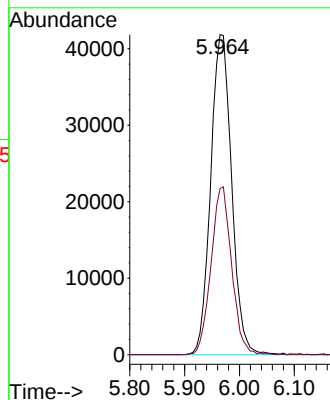
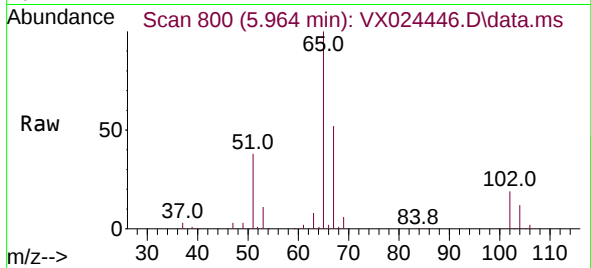




#33
 1,2-Dichloroethane-d4
 Concen: 51.045 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. -0.007 min
 Lab File: VX024446.D
 Acq: 22 Sep 2021 19:49

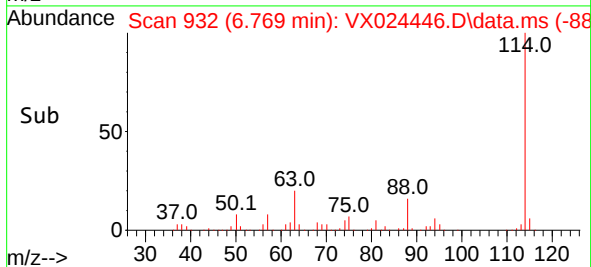
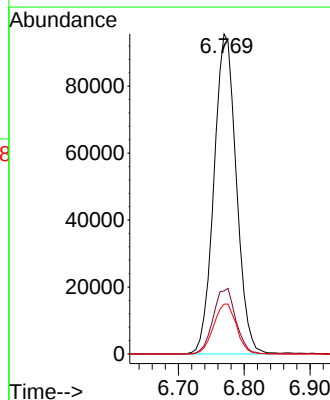
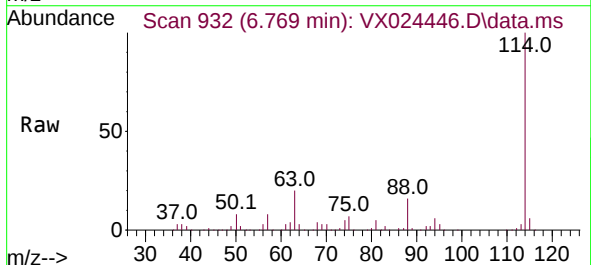
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920DL

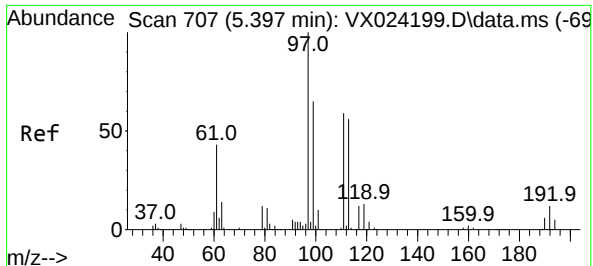
Tgt Ion: 65 Resp: 110965
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX024446.D
 Acq: 22 Sep 2021 19:49

Tgt Ion: 114 Resp: 226657
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 58.810 ug/l

RT: 5.398 min Scan# 707

Delta R.T. 0.001 min

Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

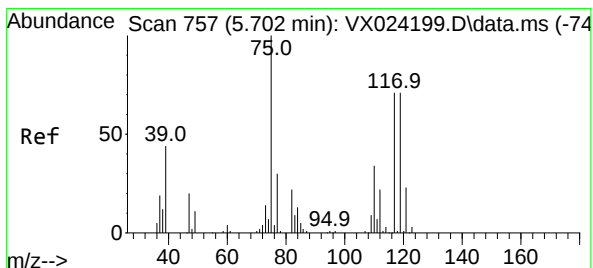
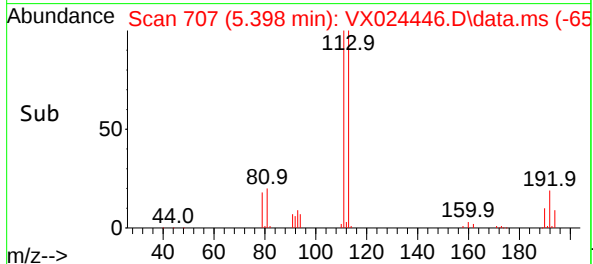
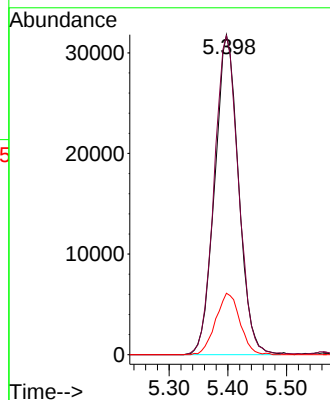
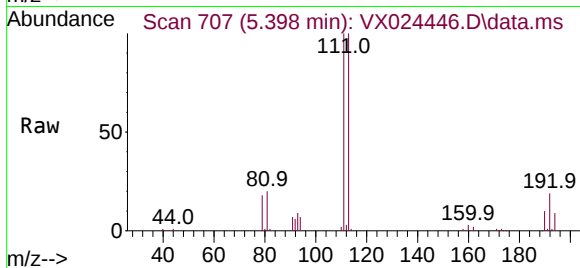
Tgt Ion:	113	Resp:	89394
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.6	16.7	25.1

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210920DL



#36

1,1-Dichloropropene

Concen: 5.950 ug/l

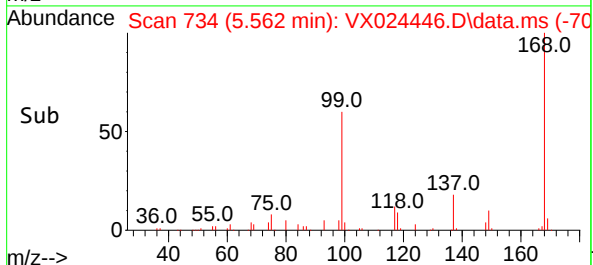
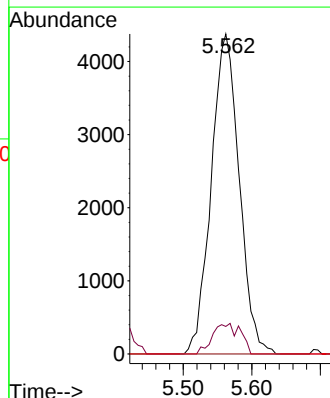
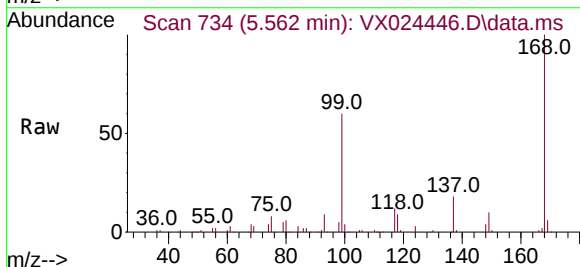
RT: 5.562 min Scan# 734

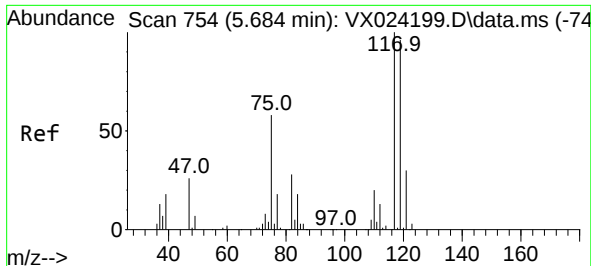
Delta R.T. -0.140 min

Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

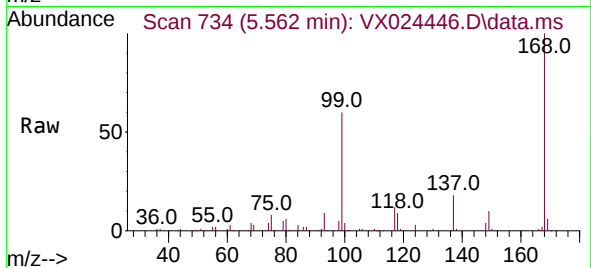
Tgt Ion:	75	Resp:	12399
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#



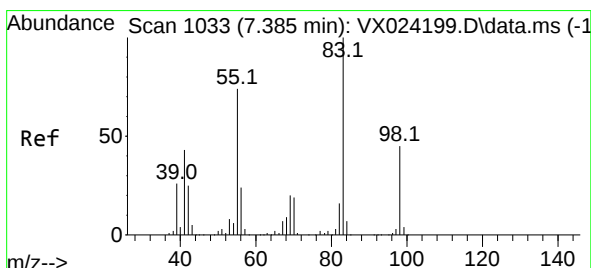
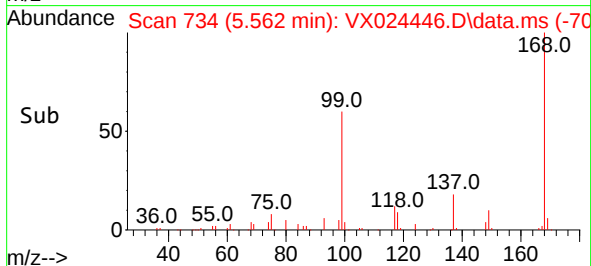
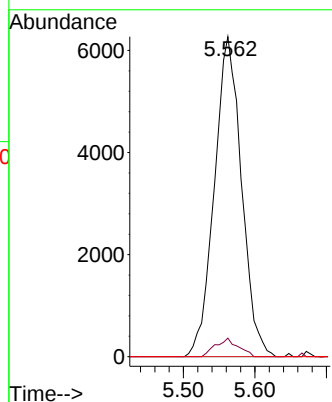


#38
Carbon Tetrachloride
Concen: 7.042 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

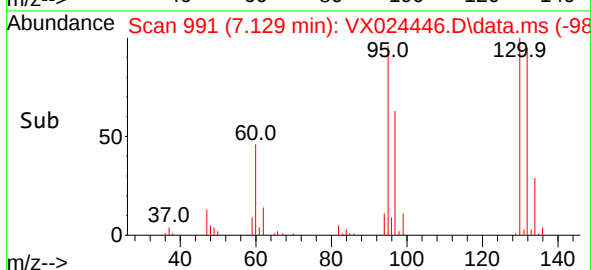
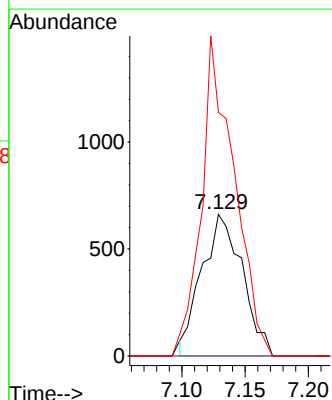
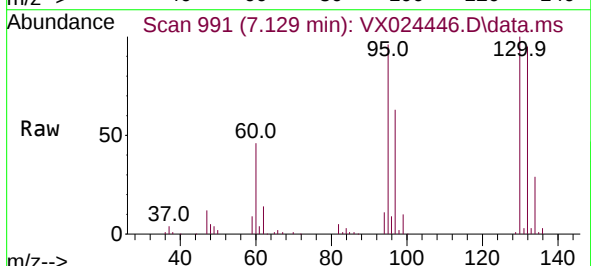


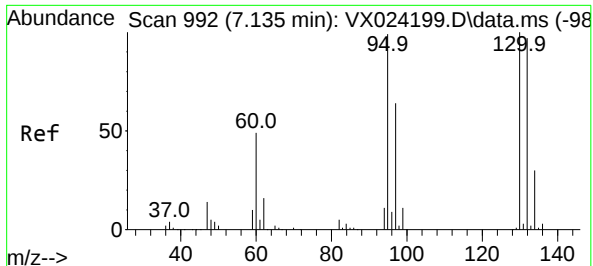
Tgt Ion:117 Resp: 16517
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.592 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 83 Resp: 1472
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 172.1 38.1 57.1#

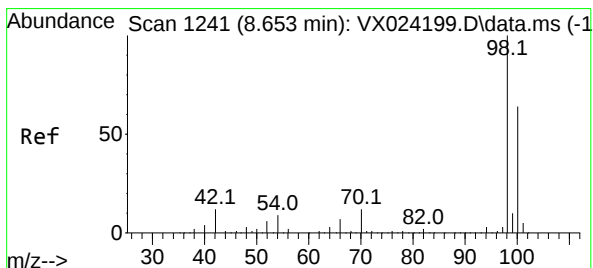
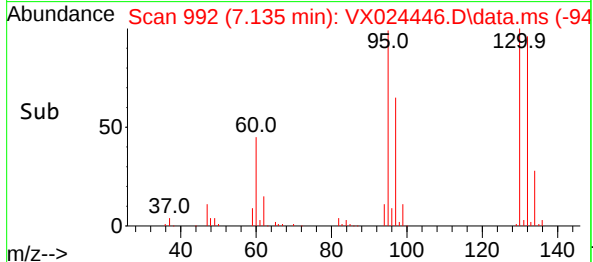
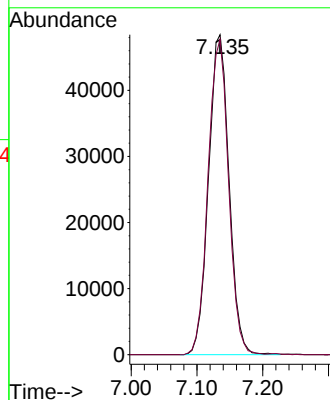
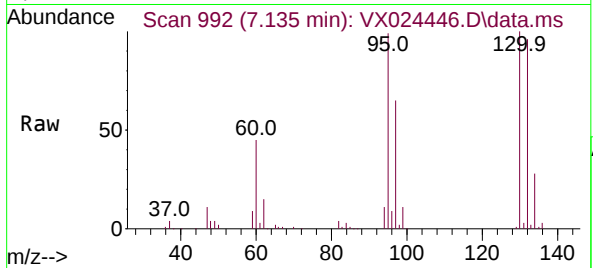




#44
Trichloroethene
Concen: 62.584 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

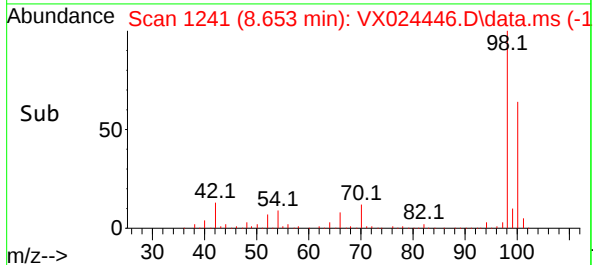
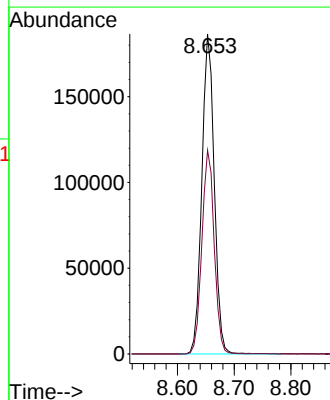
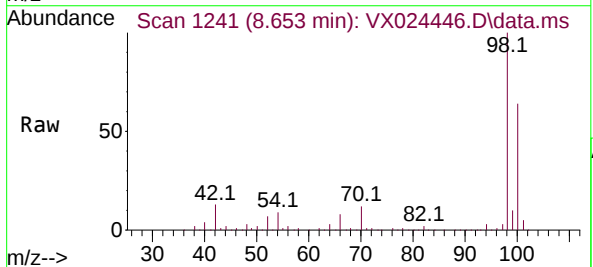
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

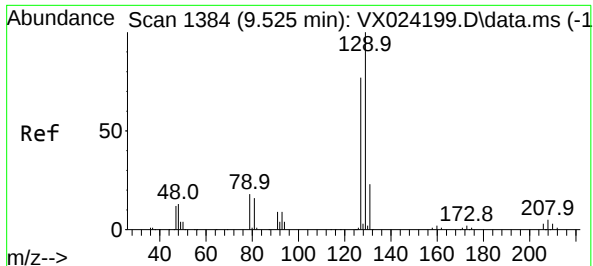
Tgt Ion:130 Resp: 105097
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0



#50
Toluene-d8
Concen: 51.158 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 98 Resp: 283287
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9





#60

Dibromochloromethane

Concen: 2.105 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

Tgt Ion:129 Resp: 743

Ion Ratio Lower Upper

129 100

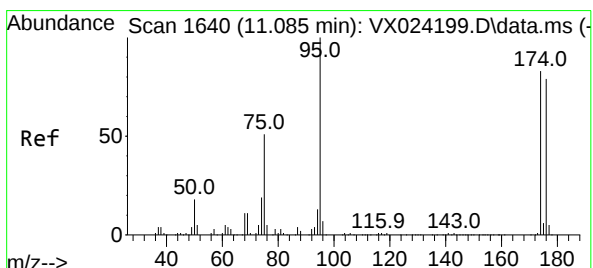
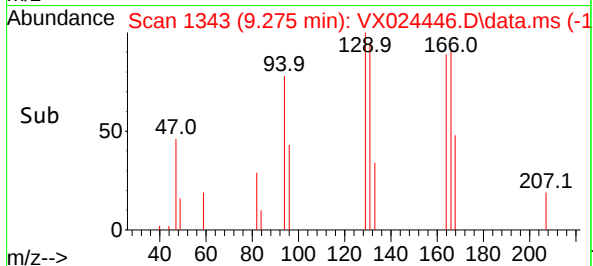
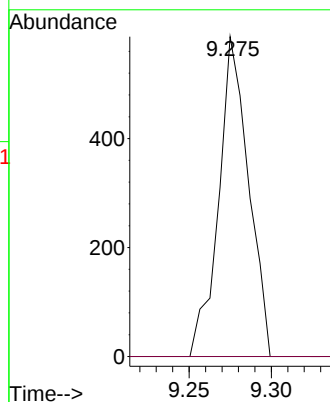
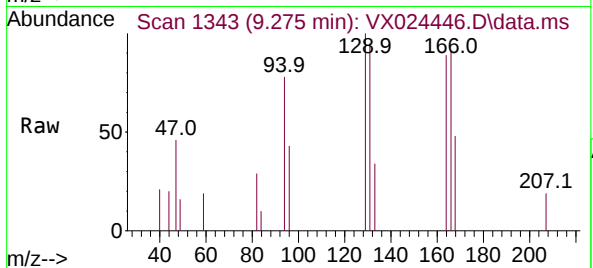
127 0.0 38.4 115.2#

Instrument :

MSVOA_X

ClientSampleId :

RE122D1-20210920DL



#62

4-Bromofluorobenzene

Concen: 49.332 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.001 min

Lab File: VX024446.D

Acq: 22 Sep 2021 19:49

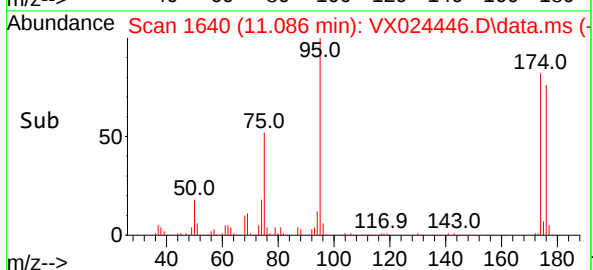
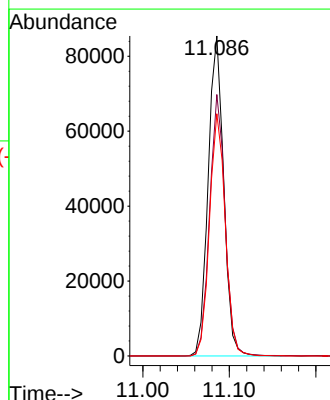
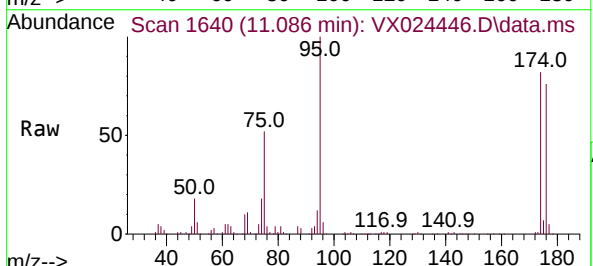
Tgt Ion: 95 Resp: 106310

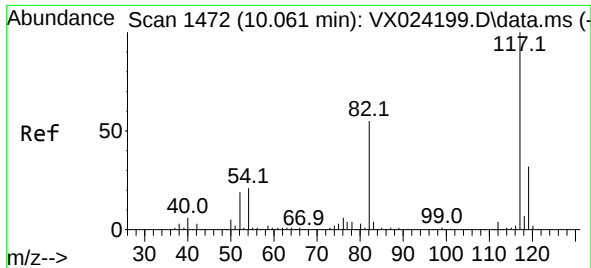
Ion Ratio Lower Upper

95 100

174 81.6 0.0 154.6

176 76.8 0.0 155.8

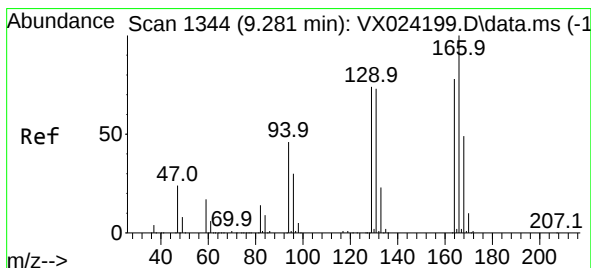
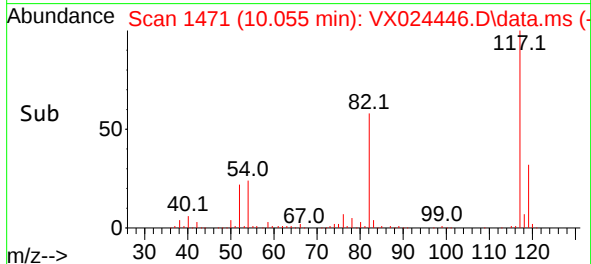
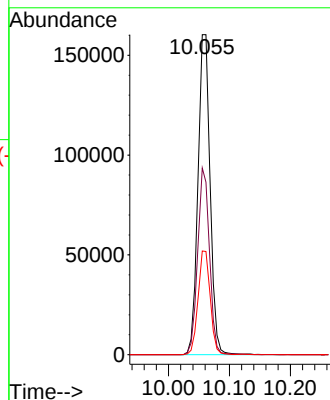
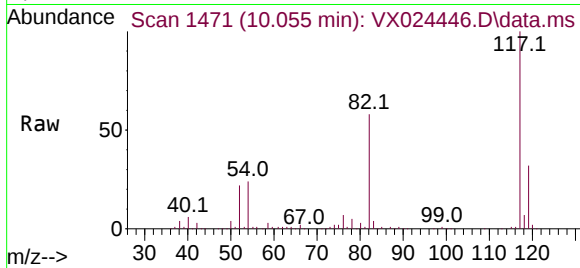




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

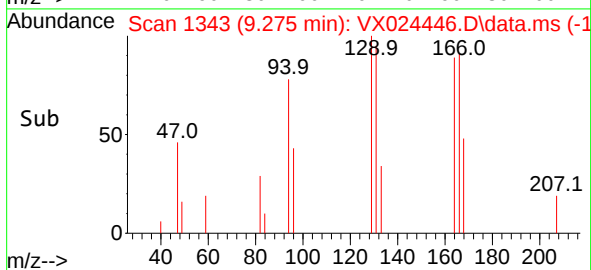
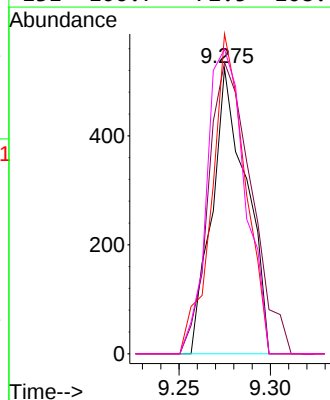
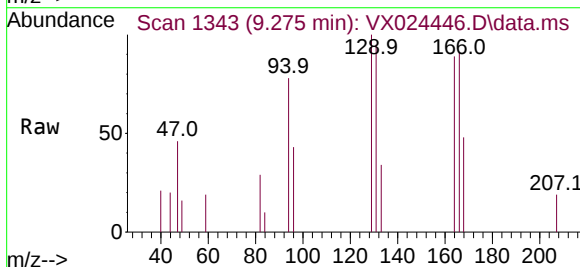
Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

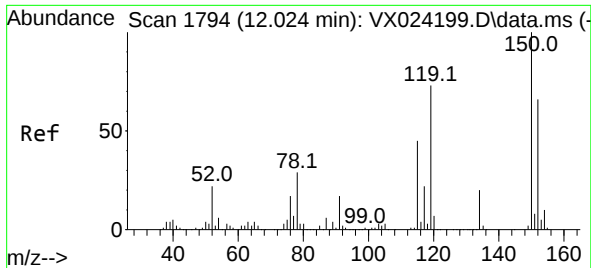
Tgt Ion:117 Resp: 221707
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 0.398 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion:164 Resp: 684
Ion Ratio Lower Upper
164 100
166 102.1 103.4 155.2#
129 112.0 70.8 106.2#
131 106.7 72.5 108.7

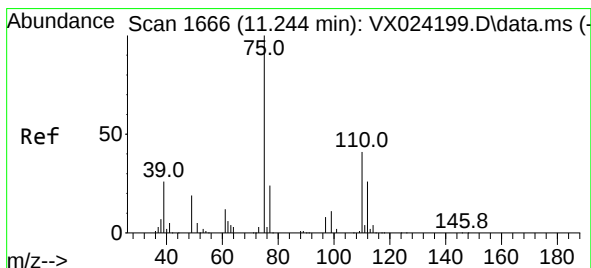
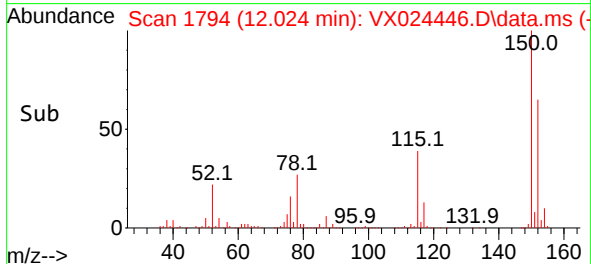
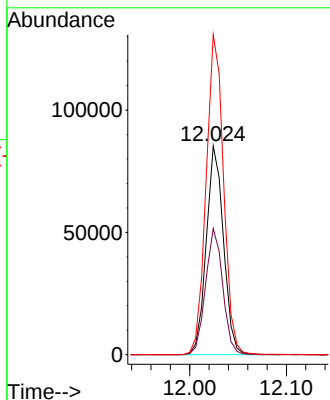
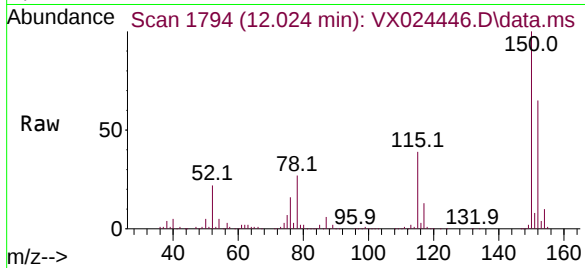




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024446.D
 Acq: 22 Sep 2021 19:49

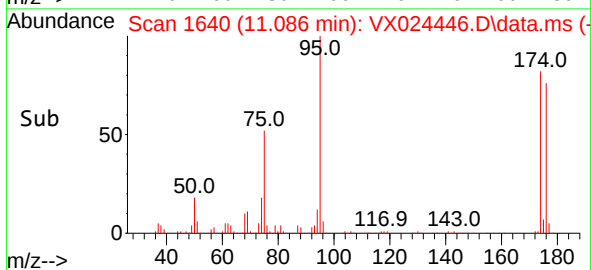
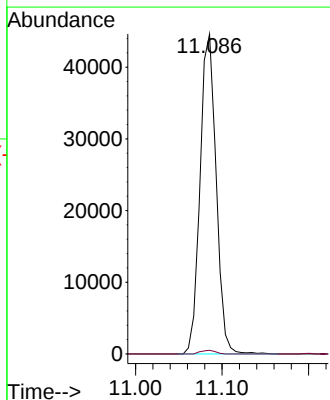
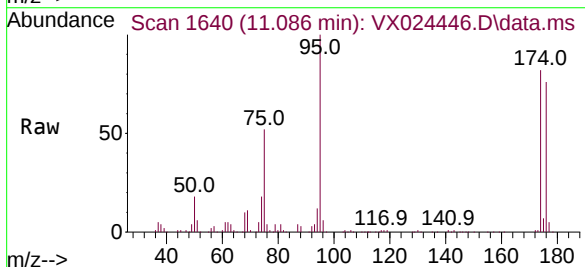
Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D1-20210920DL

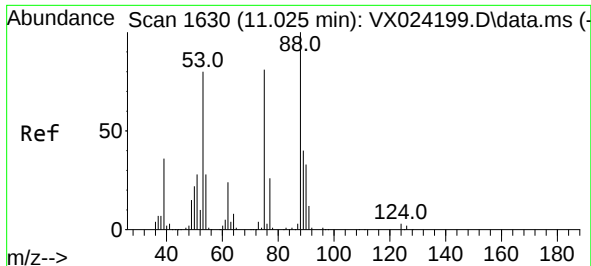
Tgt Ion:152 Resp: 105826
 Ion Ratio Lower Upper
 152 100
 115 60.3 41.1 123.3
 150 155.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.679 ug/l
 RT: 11.086 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX024446.D
 Acq: 22 Sep 2021 19:49

Tgt Ion: 75 Resp: 57621
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

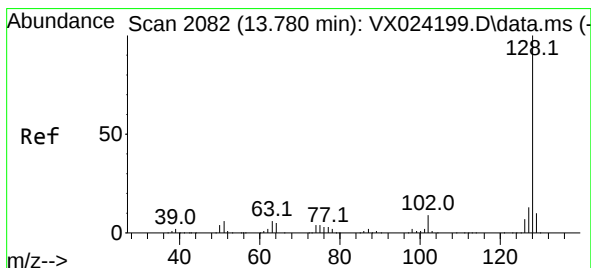
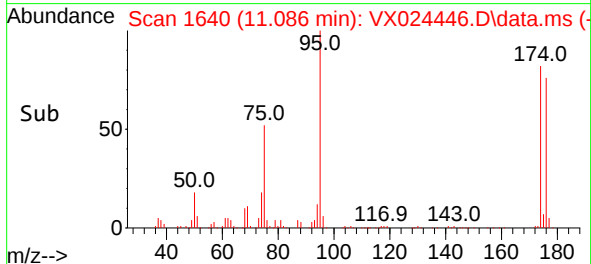
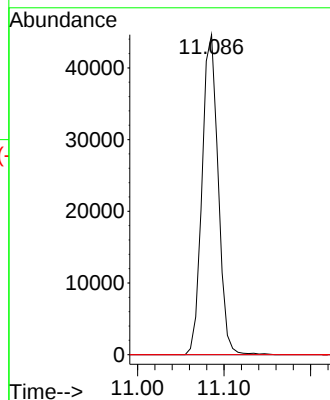
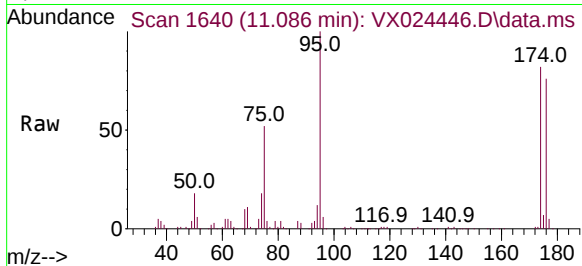




#81
trans-1,4-Dichloro-2-butene
Concen: 69.642 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Instrument :
MSVOA_X
ClientSampleId :
RE122D1-20210920DL

Tgt Ion: 75 Resp: 57621
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.307 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024446.D
Acq: 22 Sep 2021 19:49

Tgt Ion: 128 Resp: 152
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

