

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022972.D
 Acq On : 28 Jun 2021 12:17
 Operator : JC/MD
 Sample : M2838-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20210622DL

Quant Time: Jun 29 03:04:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

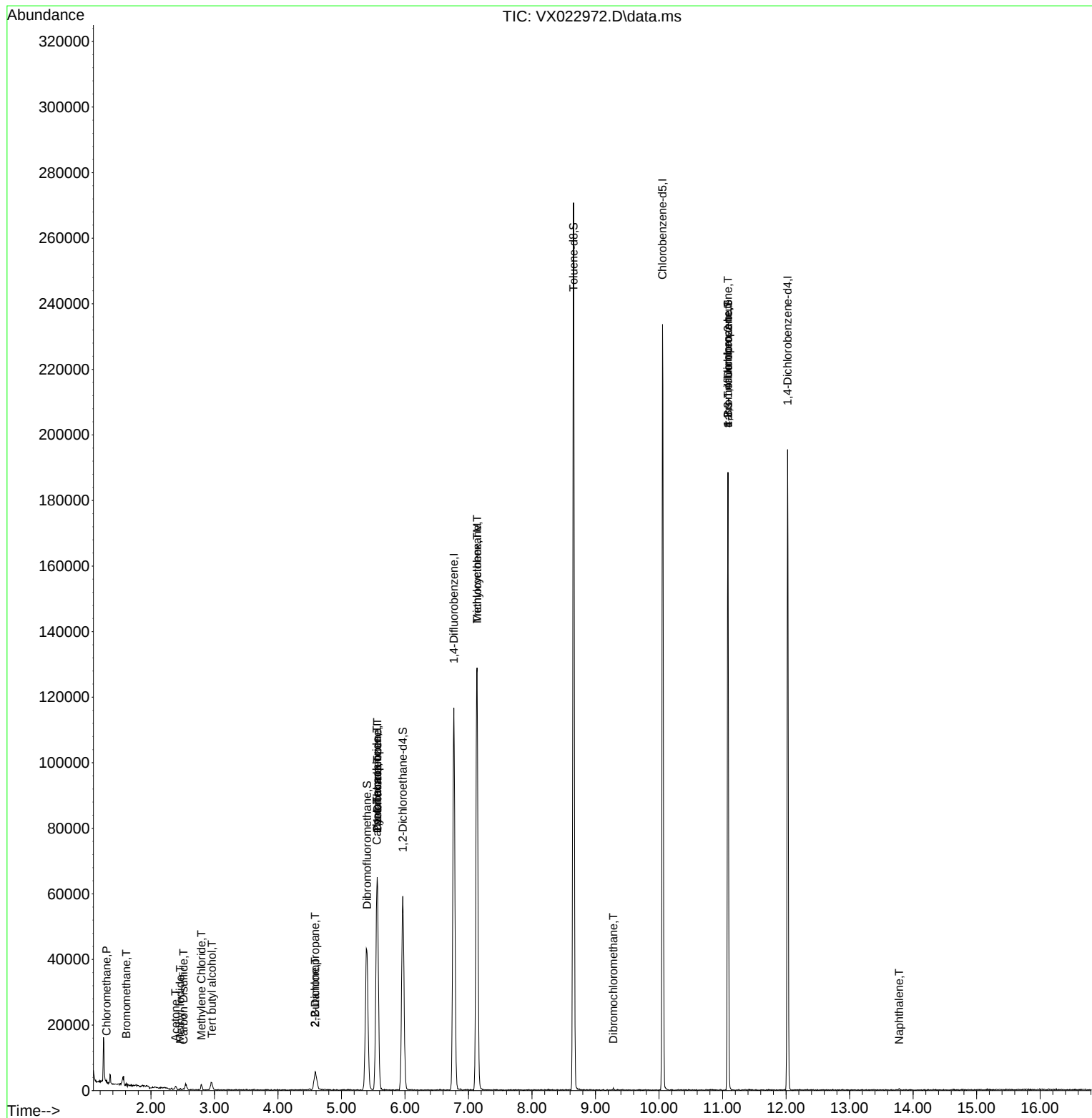
Internal Standards						
1) Pentafluorobenzene	5.562	168	53067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	109477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	94139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53887	55.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.900%
35) Dibromofluoromethane	5.403	113	37199	53.508	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.020%
50) Toluene-d8	8.653	98	146459	53.754	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.500%
62) 4-Bromofluorobenzene	11.085	95	47699	46.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.820%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	230	0.280	ug/l #	42
5) Bromomethane	1.611	94	215	0.514	ug/l	91
10) Methyl Iodide	2.459	142	238	4.144	ug/l #	53
11) Tert butyl alcohol	2.959	59	1512	7.533	ug/l #	73
16) Acetone	2.386	43	1265	2.963	ug/l	93
17) Carbon Disulfide	2.514	76	218	3.624	ug/l #	75
20) Methylene Chloride	2.794	84	568	1.038	ug/l #	53
25) 2-Butanone	4.587	43	307	0.462	ug/l #	45
26) 2,2-Dichloropropane	4.587	77	367	0.333	ug/l #	52
31) Cyclohexane	5.562	56	1727	1.270	ug/l #	34
36) 1,1-Dichloropropene	5.562	75	5587	4.805	ug/l #	48
38) Carbon Tetrachloride	5.556	117	6384	6.546	ug/l #	18
39) Methylcyclohexane	7.135	83	724	0.534	ug/l #	1
44) Trichloroethene	7.135	130	45536	57.266	ug/l	89
60) Dibromochloromethane	9.281	129	85	3.749	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	27626	30.607	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	27626	78.415	ug/l #	12
95) Naphthalene	13.780	128	368	2.050	ug/l #	76

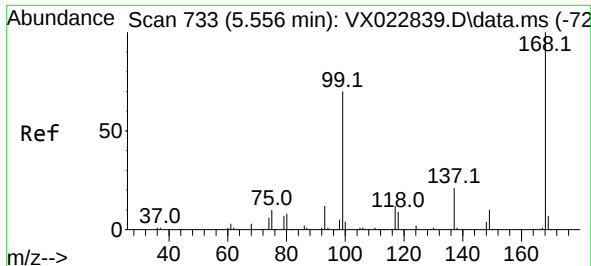
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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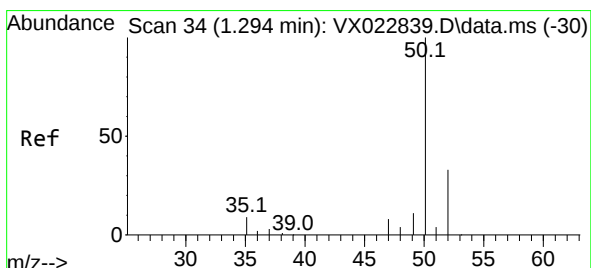
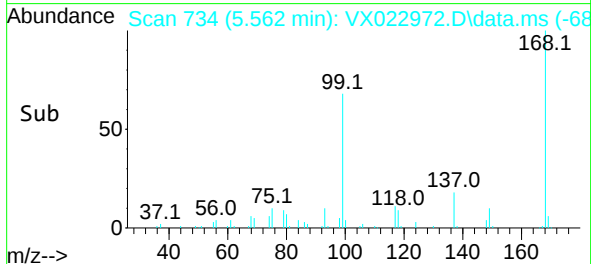
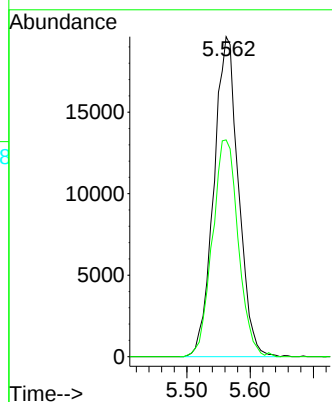
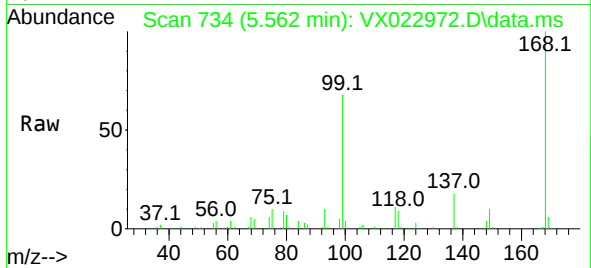




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

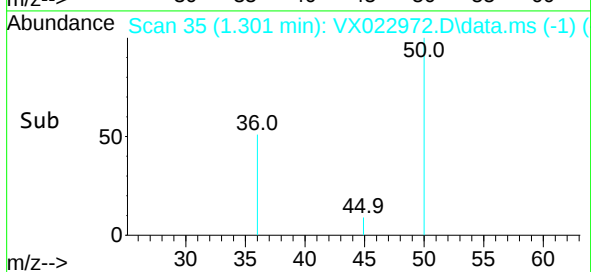
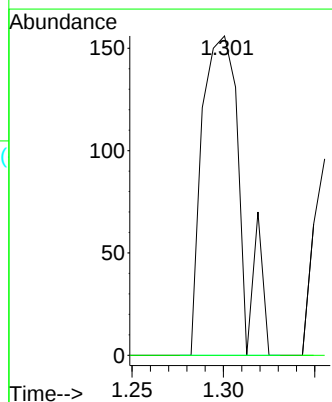
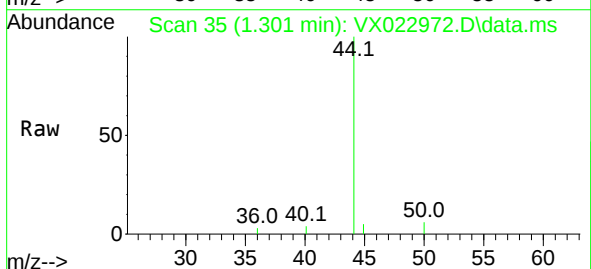
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

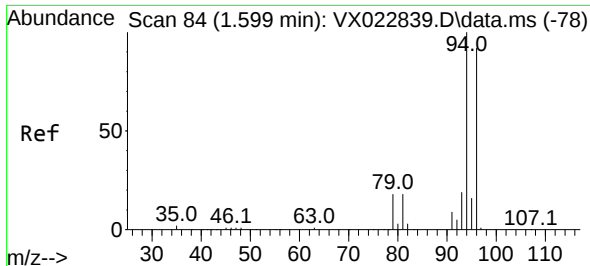
Tgt Ion:168 Resp: 53067
Ion Ratio Lower Upper
168 100
99 67.8 45.8 68.6



#3
Chloromethane
Concen: 0.280 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

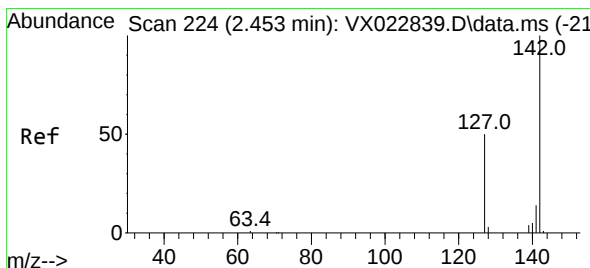
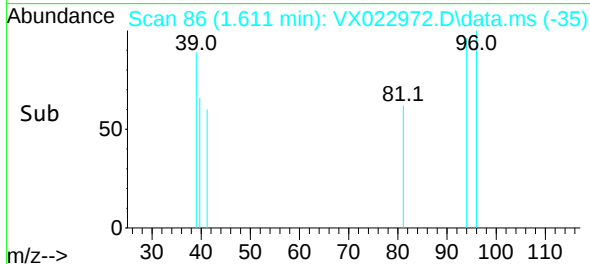
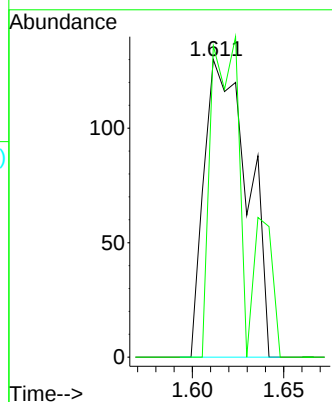
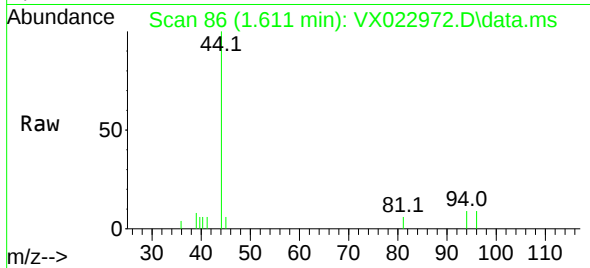




#5
Bromomethane
Concen: 0.514 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

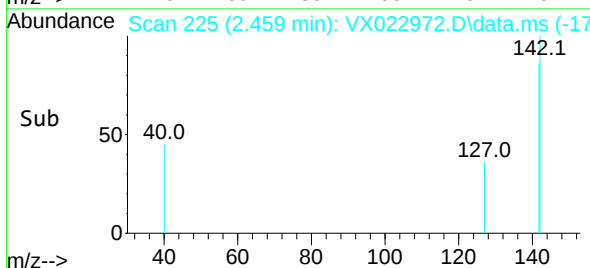
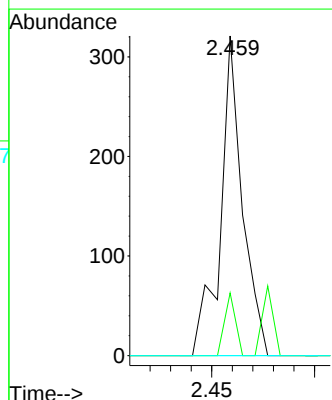
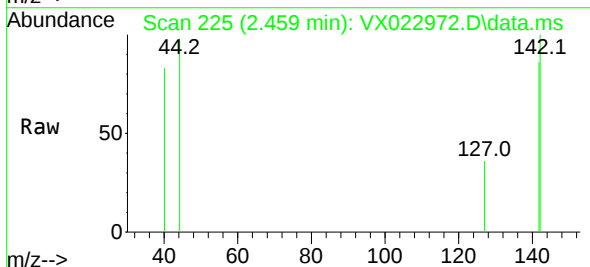
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

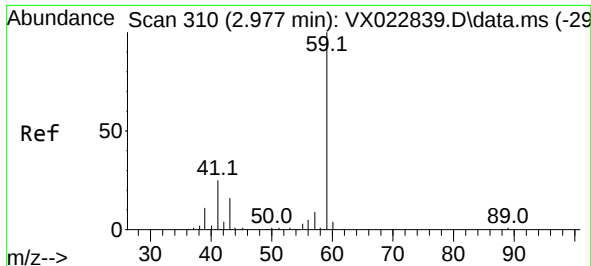
Tgt Ion: 94 Resp: 215
Ion Ratio Lower Upper
94 100
96 104.6 76.4 114.6



#10
Methyl Iodide
Concen: 4.144 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 142 Resp: 238
Ion Ratio Lower Upper
142 100
127 9.7 33.3 49.9#
141 0.0 11.4 17.0#



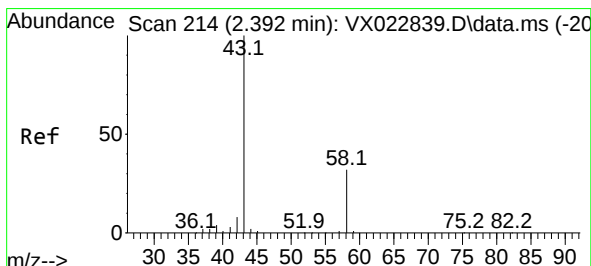
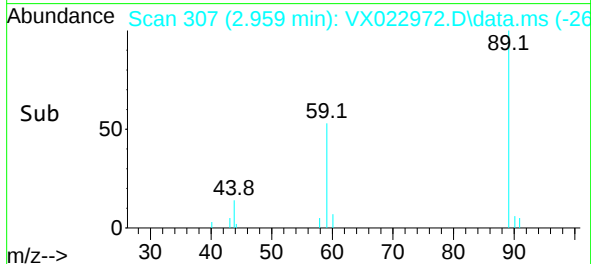
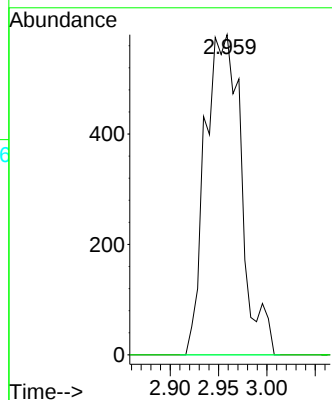
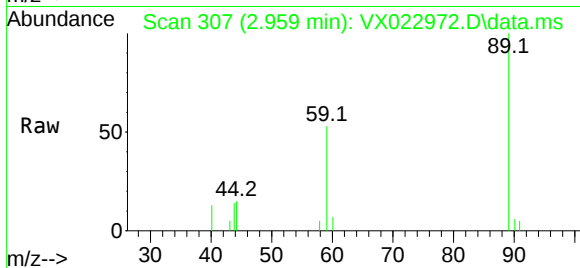


#11

Tert butyl alcohol
Concen: 7.533 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

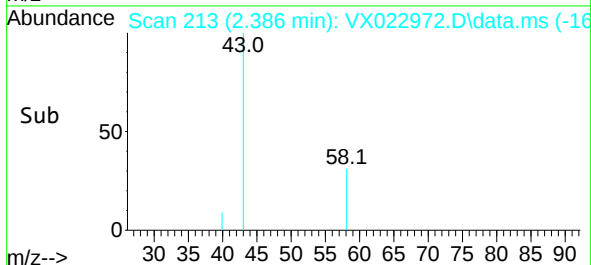
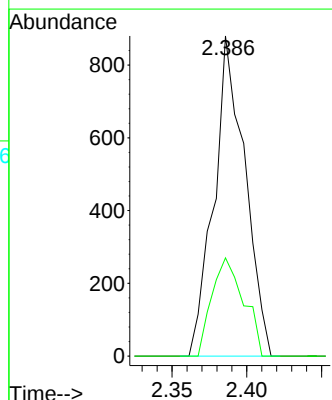
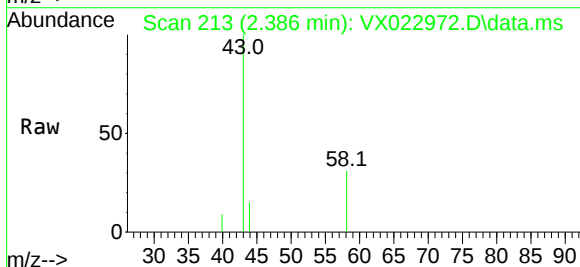
Tgt Ion: 59 Resp: 1512
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

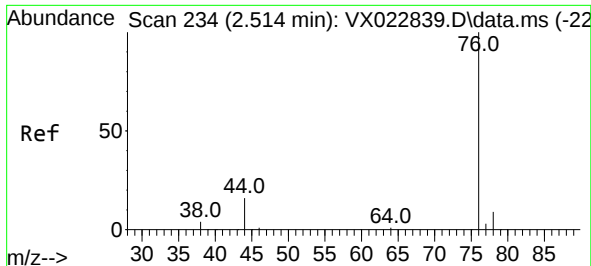


#16

Acetone
Concen: 2.963 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 43 Resp: 1265
Ion Ratio Lower Upper
43 100
58 30.7 27.8 41.8

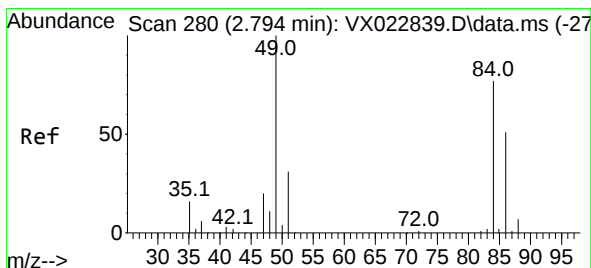
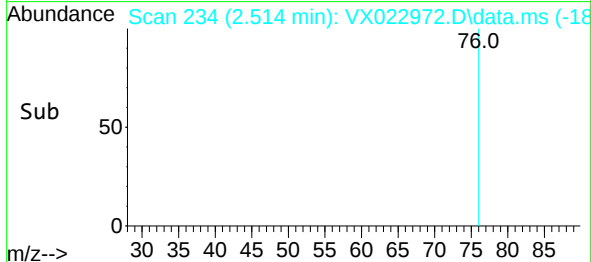
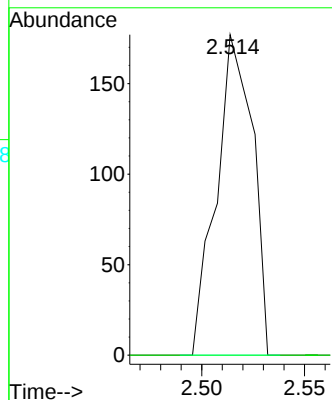
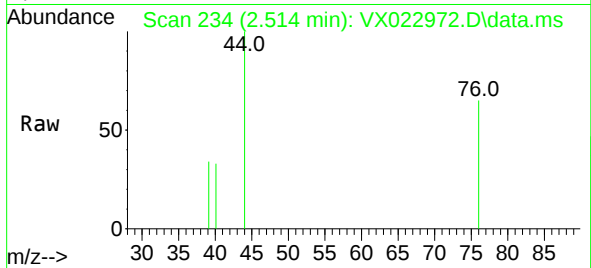




#17
Carbon Disulfide
Concen: 3.624 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

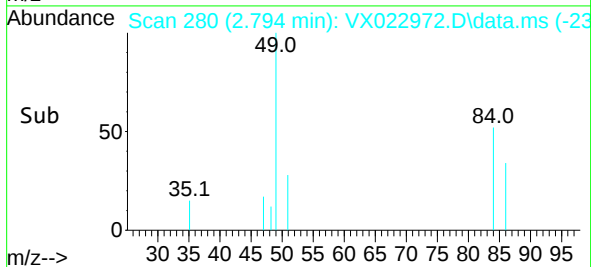
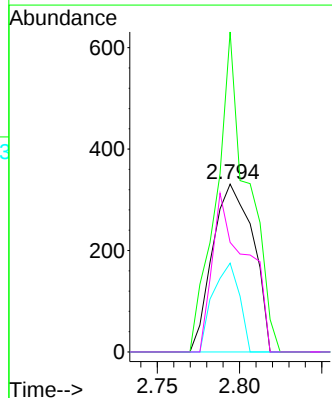
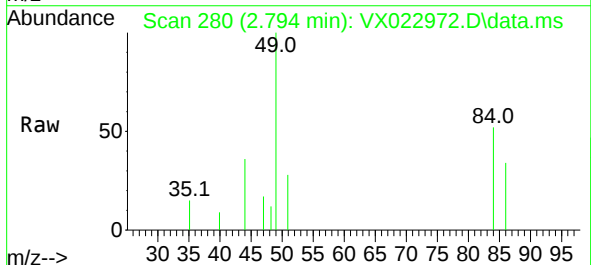
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

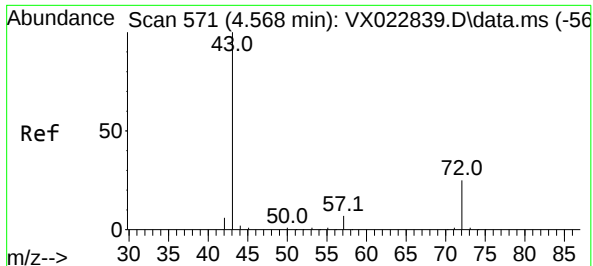
Tgt Ion: 76 Resp: 218
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 1.038 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 84 Resp: 568
Ion Ratio Lower Upper
84 100
49 190.6 88.6 132.8#
51 52.9 27.0 40.6#
86 65.3 50.3 75.5





#25

2-Butanone

Concen: 0.462 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX022972.D

Acq: 28 Jun 2021 12:17

Tgt Ion: 43 Resp: 307

Ion Ratio Lower Upper

43 100

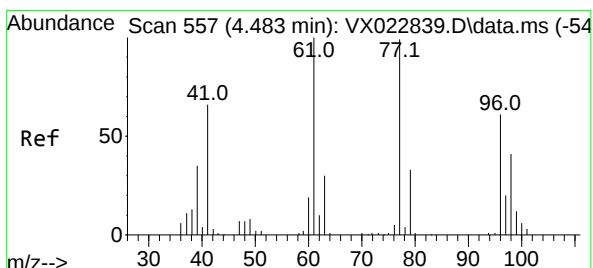
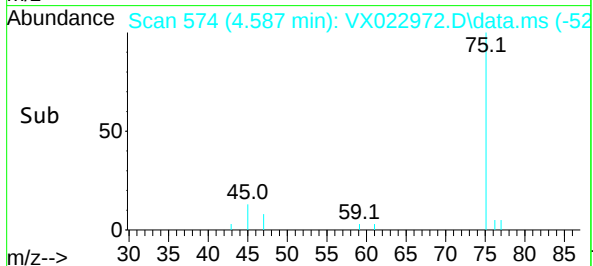
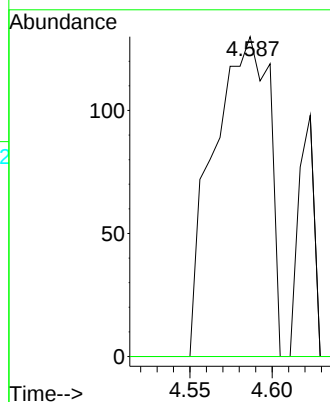
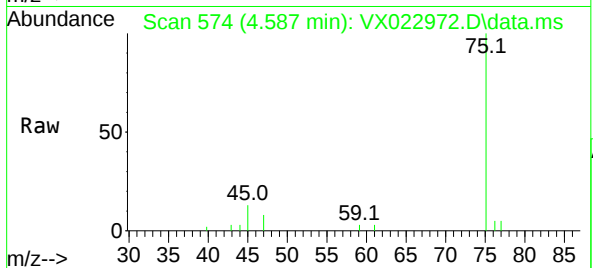
72 0.0 23.7 35.5#

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20210622DL



#26

2,2-Dichloropropane

Concen: 0.333 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.104 min

Lab File: VX022972.D

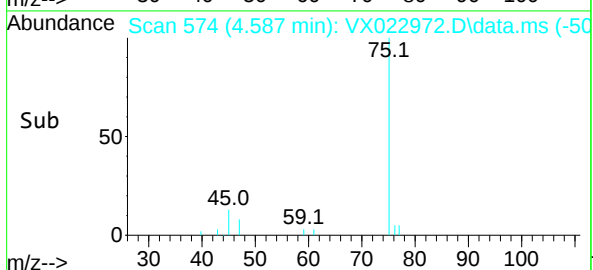
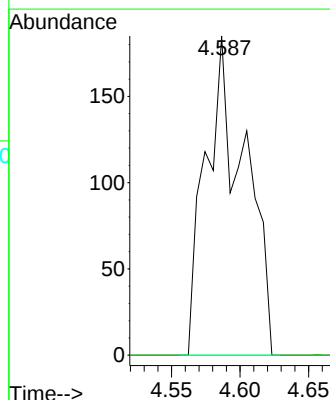
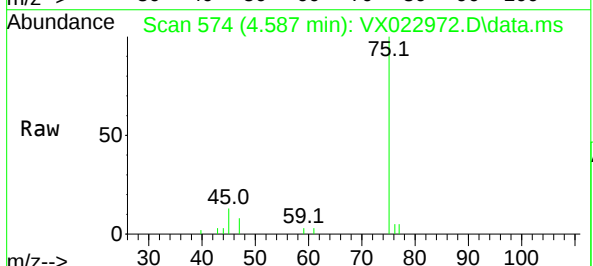
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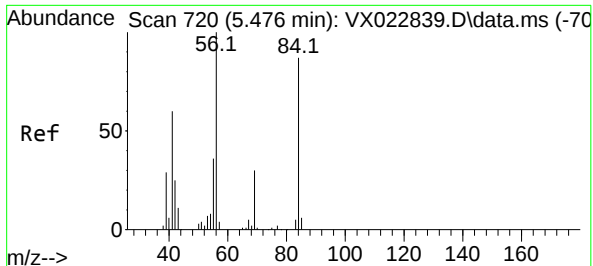
Tgt Ion: 77 Resp: 367

Ion Ratio Lower Upper

77 100

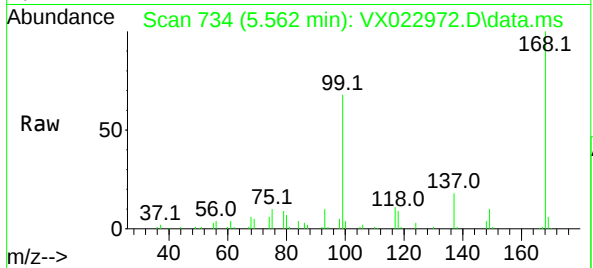
97 0.0 11.7 35.1#



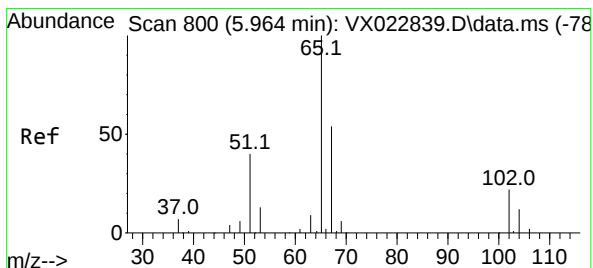
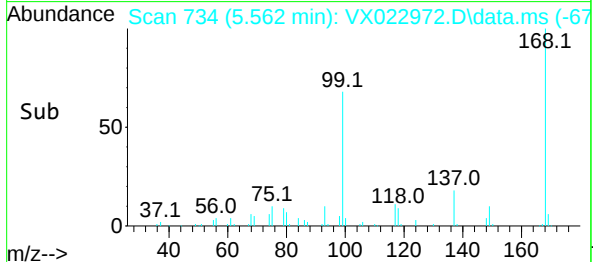
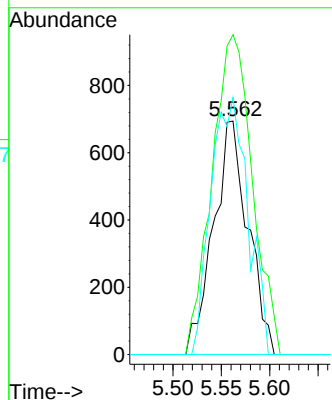


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.086 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

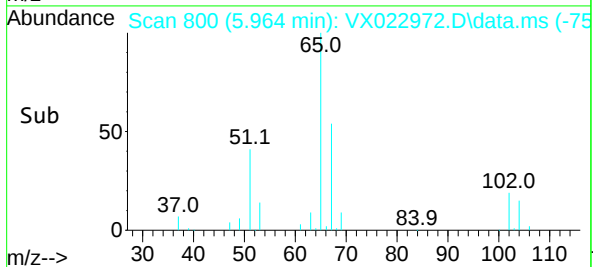
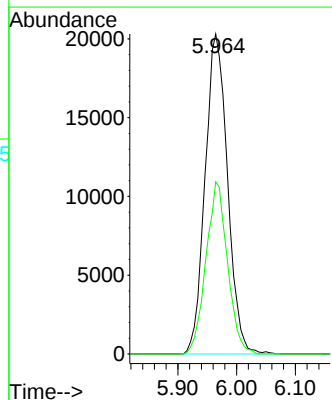
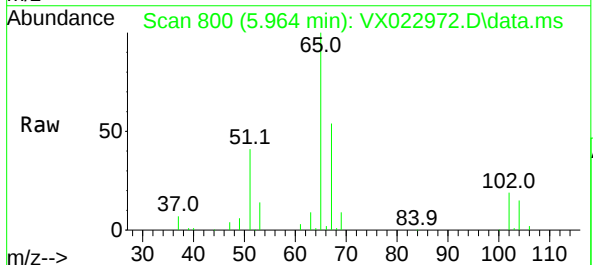


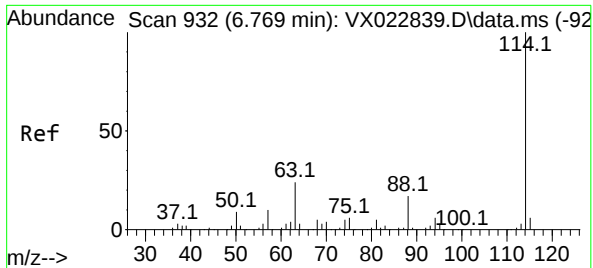
Tgt Ion: 56 Resp: 1727
Ion Ratio Lower Upper
56 100
69 137.0 25.3 37.9#
84 110.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 55.954 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 65 Resp: 53887
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

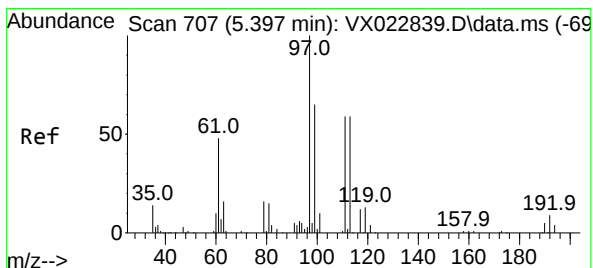
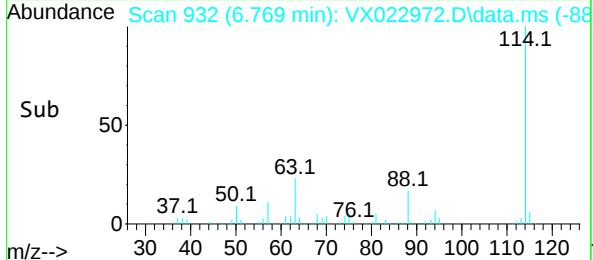
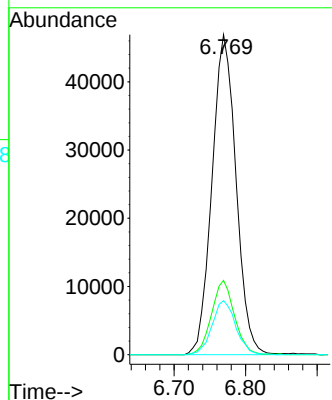
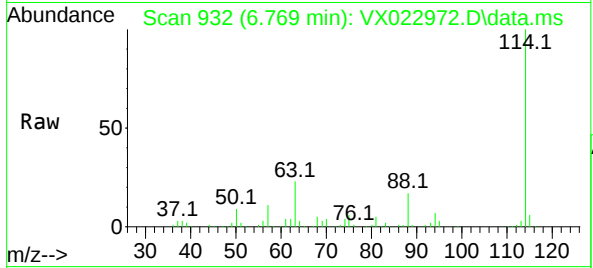




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

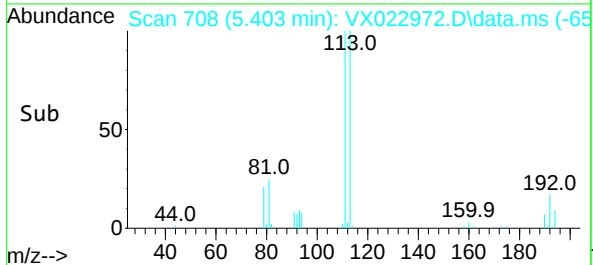
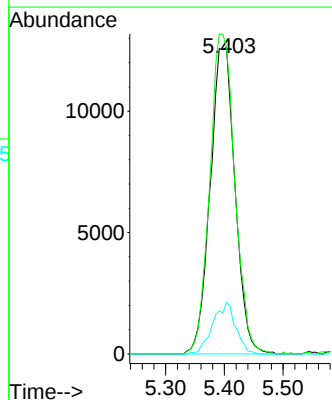
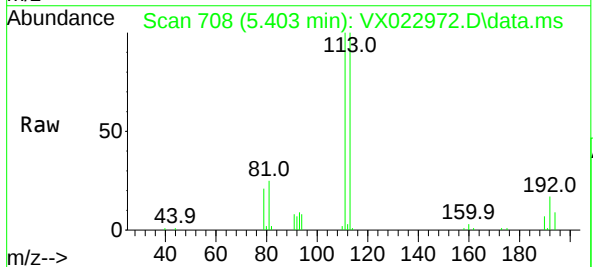
Instrument :
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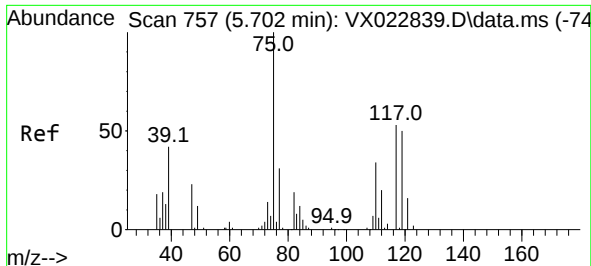
Tgt Ion:114 Resp: 109477
Ion Ratio Lower Upper
114 100
63 23.2 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 53.508 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion:113 Resp: 37199
Ion Ratio Lower Upper
113 100
111 105.0 81.9 122.9
192 15.5 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.805 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022972.D

Acq: 28 Jun 2021 12:17

Tgt Ion: 75 Resp: 5587

Ion Ratio Lower Upper

75 100

110 8.0 18.1 54.4#

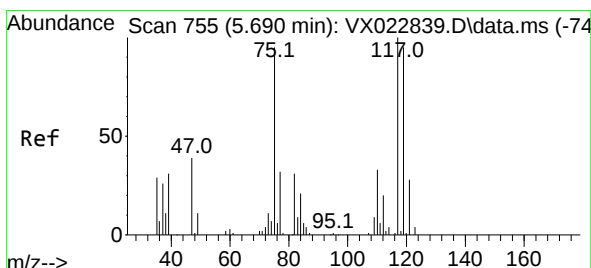
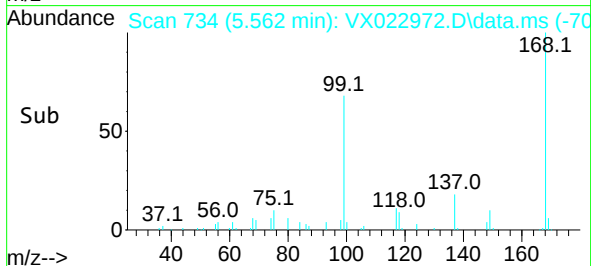
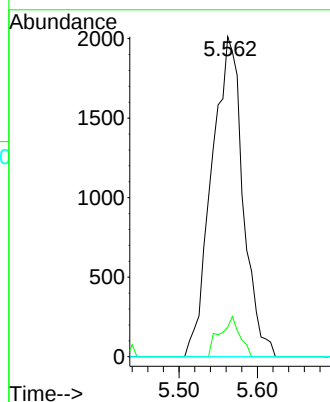
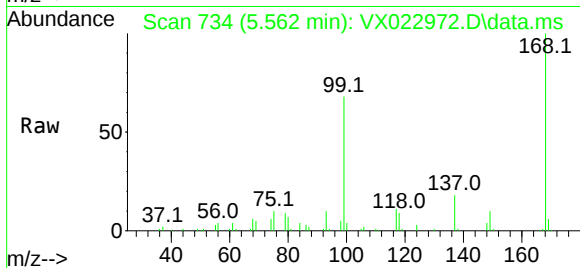
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20210622DL



#38

Carbon Tetrachloride

Concen: 6.546 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX022972.D

Acq: 28 Jun 2021 12:17

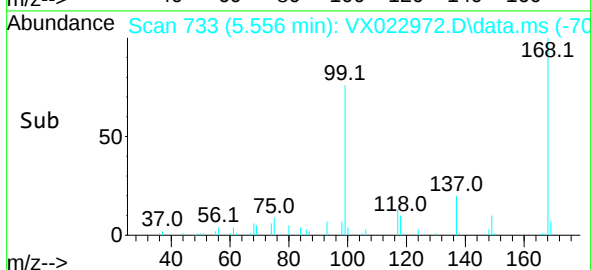
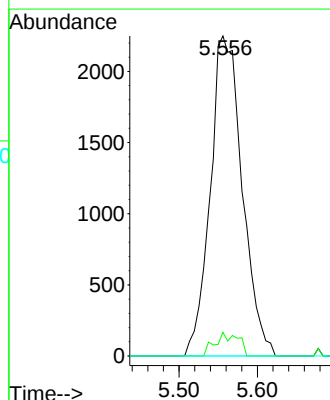
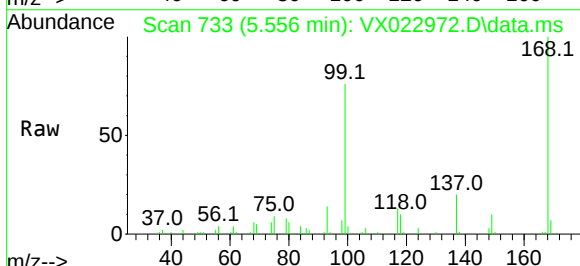
Tgt Ion: 117 Resp: 6384

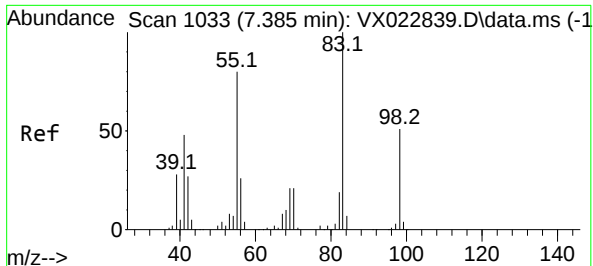
Ion Ratio Lower Upper

117 100

119 7.4 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.534 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022972.D

Acq: 28 Jun 2021 12:17

Tgt Ion: 83 Resp: 724

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

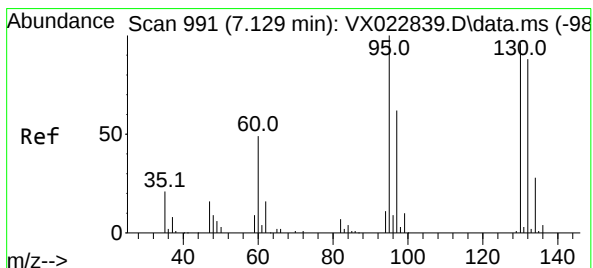
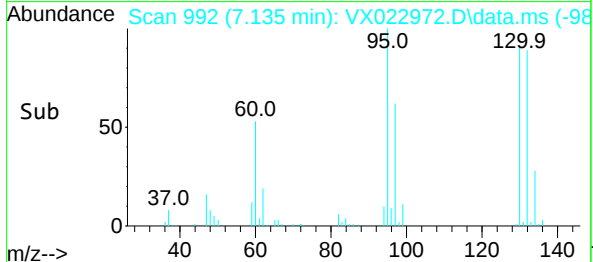
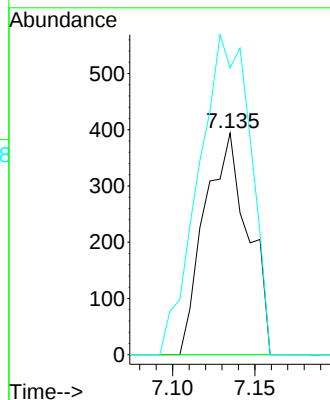
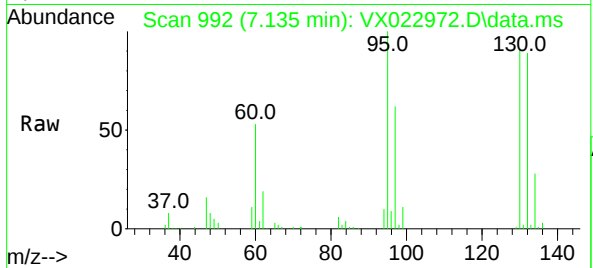
98 129.4 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20210622DL



#44

Trichloroethene

Concen: 57.266 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022972.D

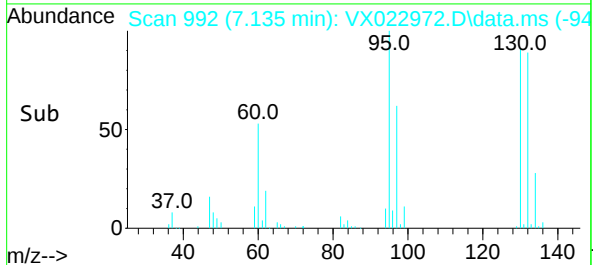
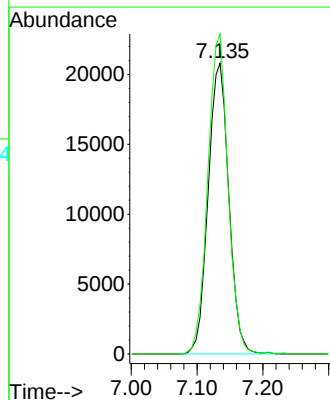
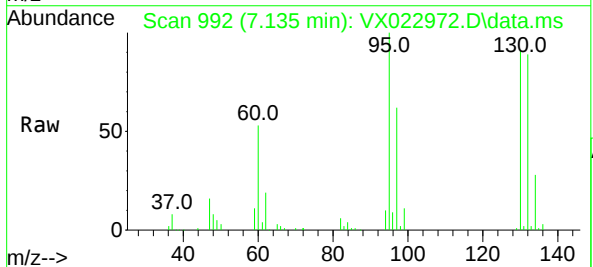
Acq: 28 Jun 2021 12:17

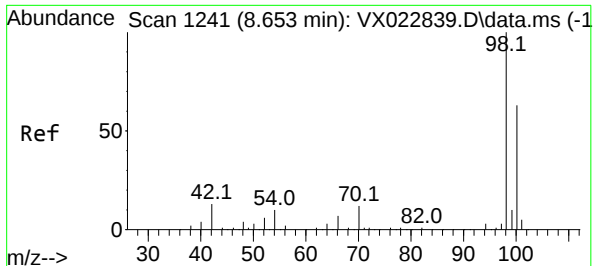
Tgt Ion:130 Resp: 45536

Ion Ratio Lower Upper

130 100

95 110.0 0.0 198.0

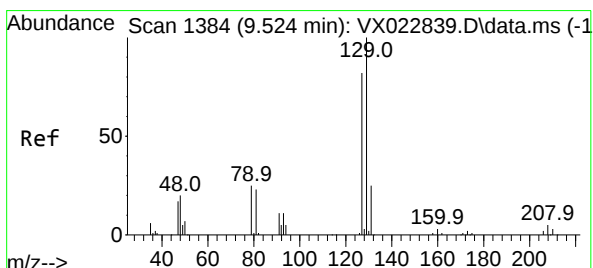
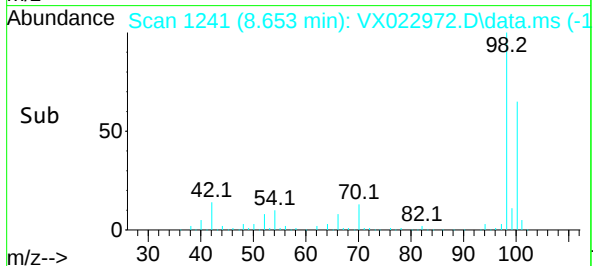
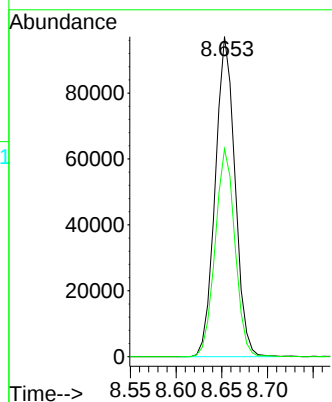
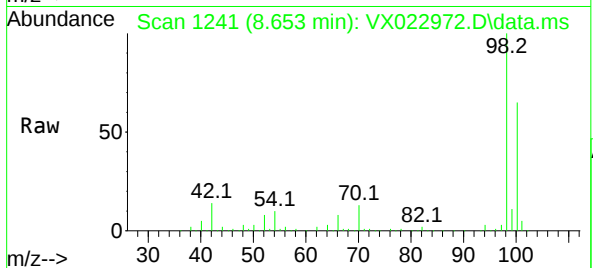




#50
Toluene-d8
Concen: 53.754 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

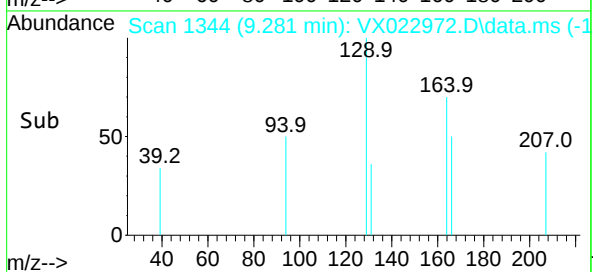
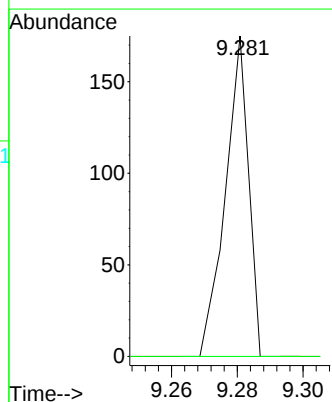
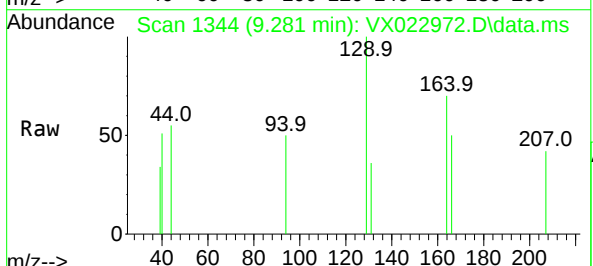
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

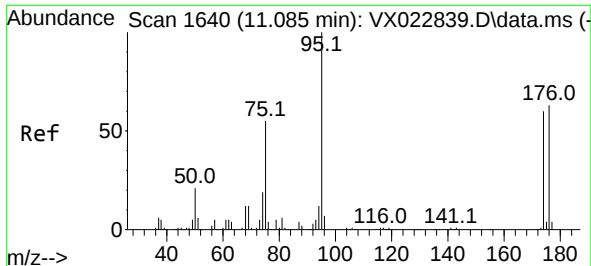
Tgt Ion: 98 Resp: 146459
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#60
Dibromochloromethane
Concen: 3.749 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.243 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 129 Resp: 85
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

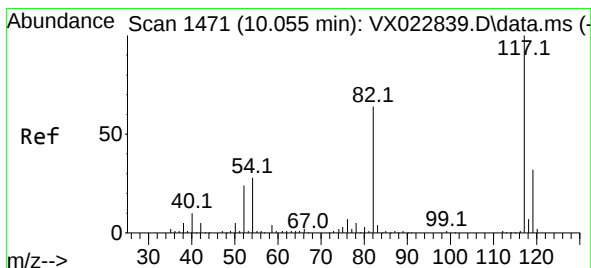
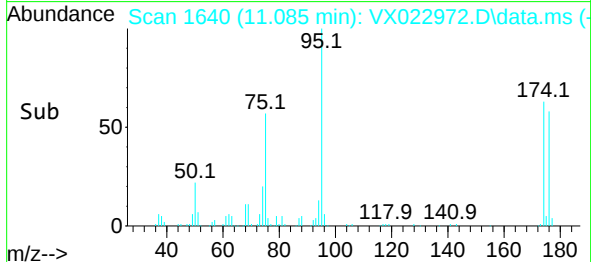
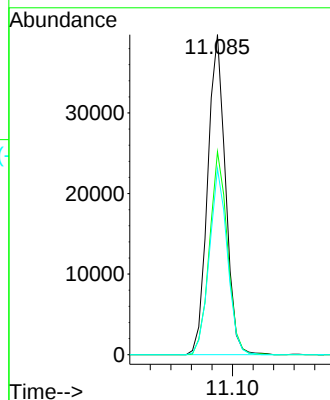
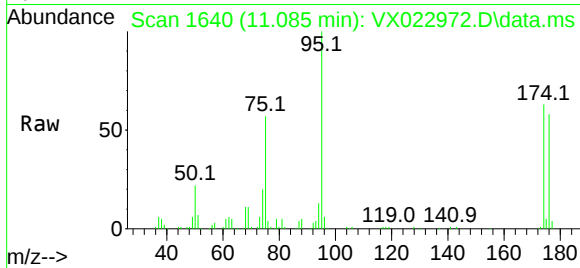




#62
4-Bromofluorobenzene
Concen: 46.908 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

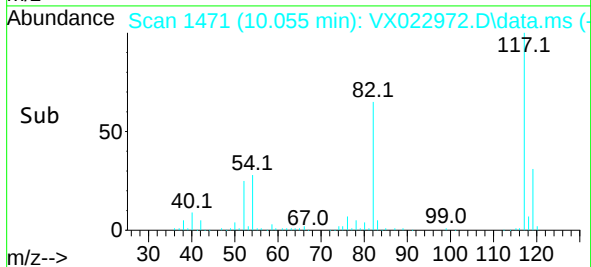
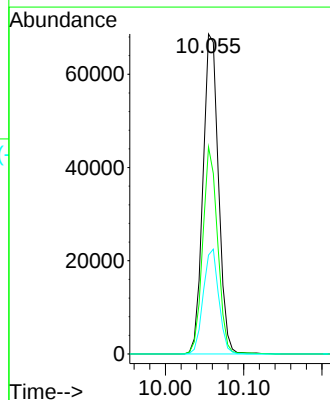
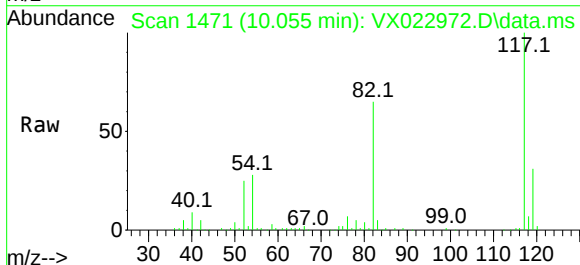
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

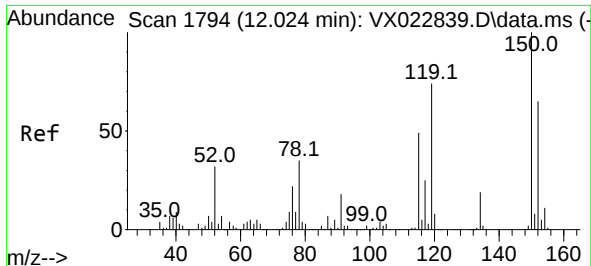
Tgt Ion: 95 Resp: 47699
Ion Ratio Lower Upper
95 100
174 63.9 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 117 Resp: 94139
Ion Ratio Lower Upper
117 100
82 64.7 47.4 71.2
119 30.9 26.6 39.8

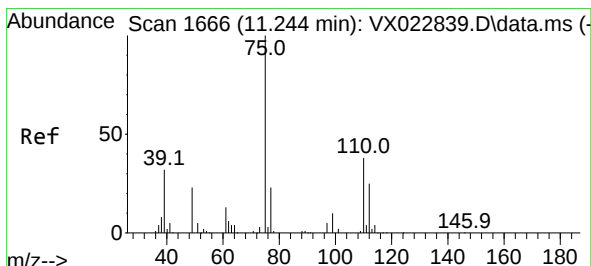
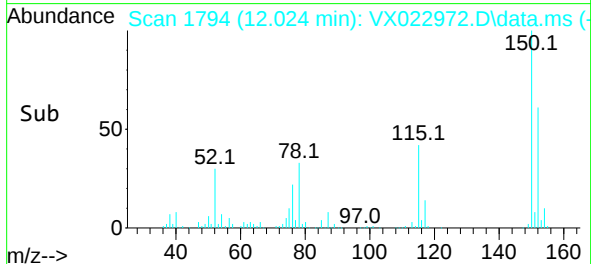
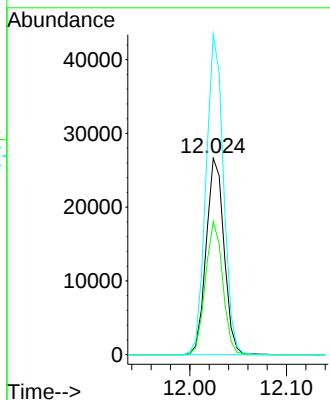
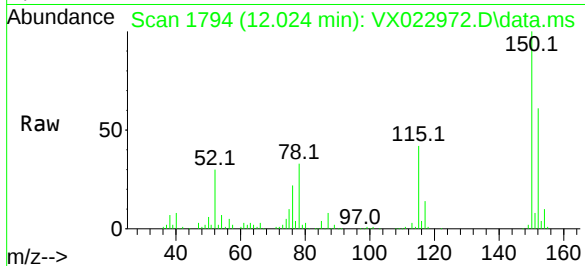




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022972.D
 Acq: 28 Jun 2021 12:17

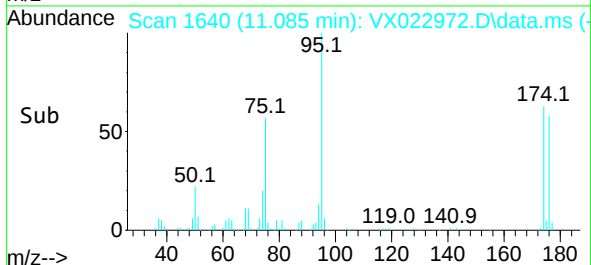
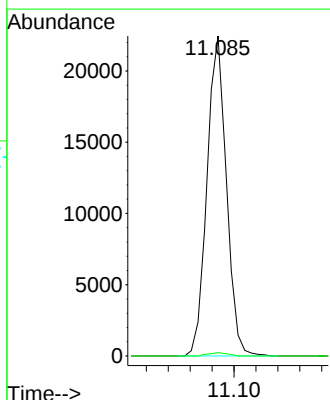
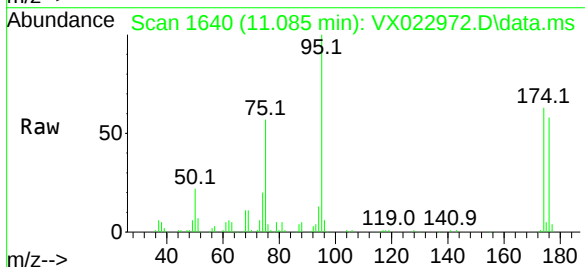
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20210622DL

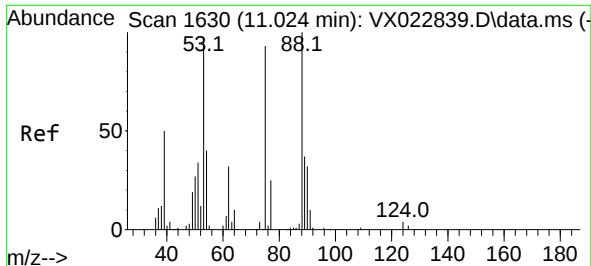
Tgt Ion:152 Resp: 34172
 Ion Ratio Lower Upper
 152 100
 115 65.7 41.1 123.3
 150 159.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.607 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022972.D
 Acq: 28 Jun 2021 12:17

Tgt Ion: 75 Resp: 27626
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

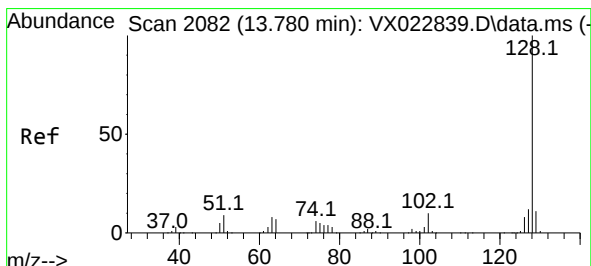
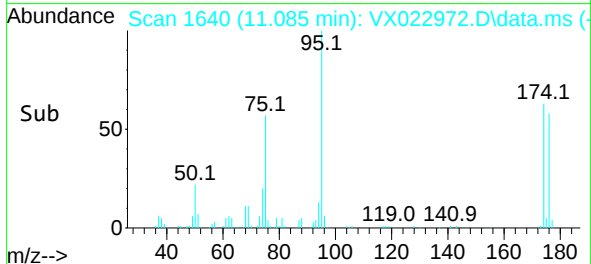
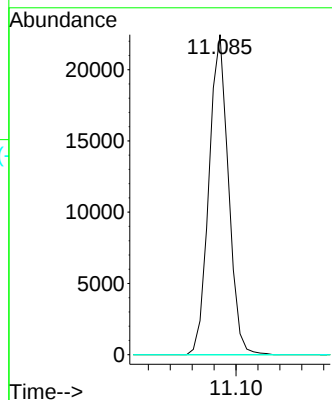
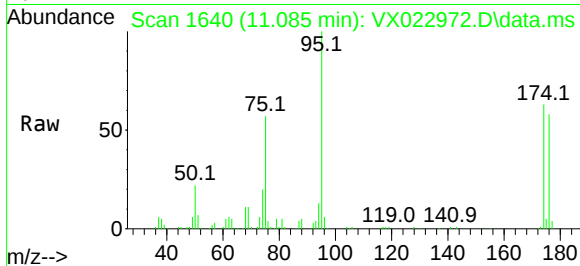




#81
trans-1,4-Dichloro-2-butene
Concen: 78.415 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20210622DL

Tgt Ion: 75 Resp: 27626
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.050 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022972.D
Acq: 28 Jun 2021 12:17

Tgt Ion: 128 Resp: 368
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.7 8.8 13.2#

