

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023116.D
 Acq On : 02 Jul 2021 18:42
 Operator : JC/MD
 Sample : M2838-21DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP09-20210622

Quant Time: Jul 05 02:56:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

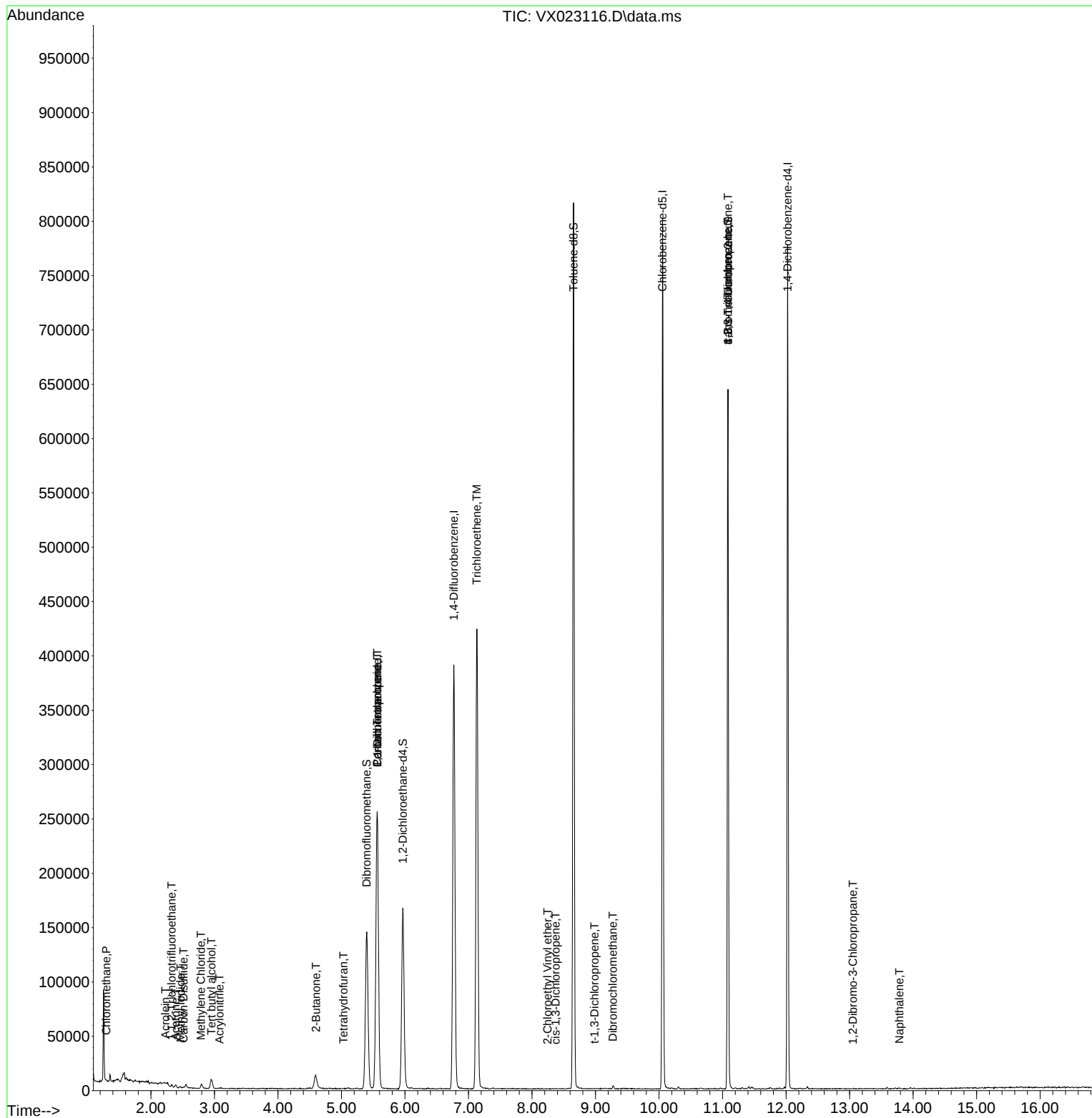
Internal Standards						
1) Pentafluorobenzene	5.562	168	234714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389468	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164757	52.228	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 104.460%		
35) Dibromofluoromethane	5.397	113	122671	48.775	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.560%		
50) Toluene-d8	8.653	98	460945	49.133	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.260%		
62) 4-Bromofluorobenzene	11.085	95	167807	46.332	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.660%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	790	0.375	ug/l #	80
5) Bromomethane	1.605	94	1578	Below Cal	#	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	531	0.234	ug/l #	90
10) Methyl Iodide	2.465	142	1323	0.475	ug/l #	89
11) Tert butyl alcohol	2.953	59	5353	8.066	ug/l #	81
13) Acrolein	2.227	56	308	0.697	ug/l #	58
15) Acrylonitrile	3.081	53	262	0.203	ug/l #	43
16) Acetone	2.386	43	2731	2.188	ug/l	94
17) Carbon Disulfide	2.514	76	1037	0.235	ug/l #	27
20) Methylene Chloride	2.788	84	1802	0.671	ug/l #	91
25) 2-Butanone	4.599	43	1357	0.721	ug/l #	45
29) Tetrahydrofuran	5.032	42	393	0.325	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	18897	5.443	ug/l #	47
38) Carbon Tetrachloride	5.562	117	25250	6.967	ug/l #	16
44) Trichloroethene	7.129	130	165943	58.030	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	224	2.785	ug/l #	35
54) cis-1,3-Dichloropropene	8.372	75	44	2.182	ug/l #	13
58) 2-Chloroethyl Vinyl ether	8.244	63	121	4.741	ug/l #	45
60) Dibromochloromethane	9.275	129	522	3.273	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	90659	29.722	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	90659	79.849	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.054	75	28	2.602	ug/l #	1
95) Naphthalene	13.786	128	816	1.346	ug/l #	80

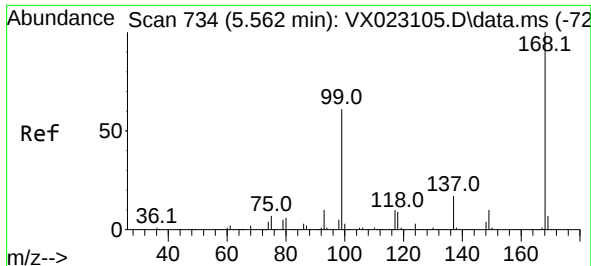
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX023116.D
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Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

Quant Time: Jul 05 02:56:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

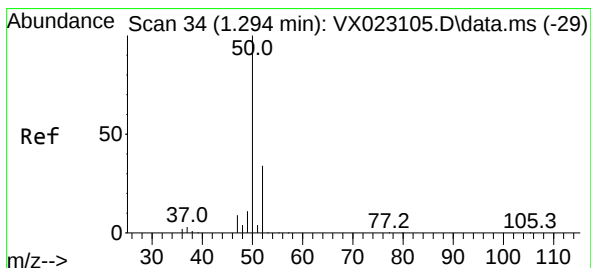
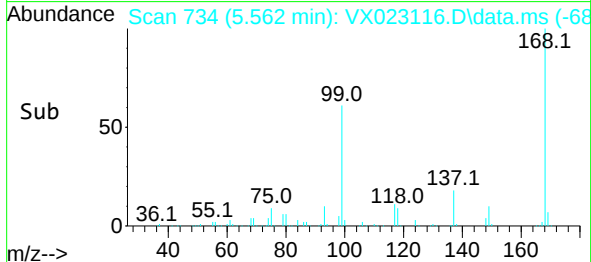
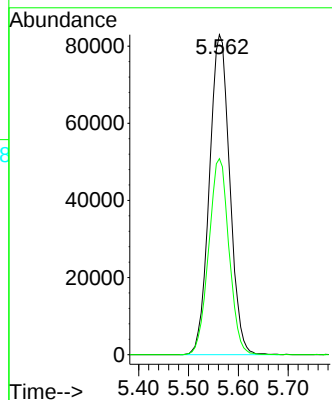
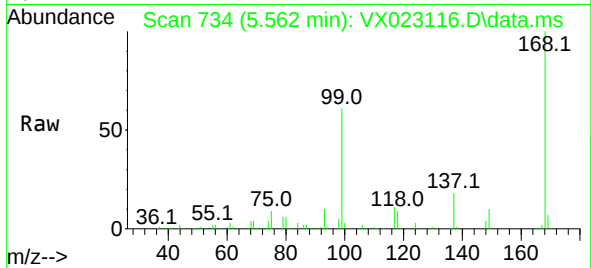




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

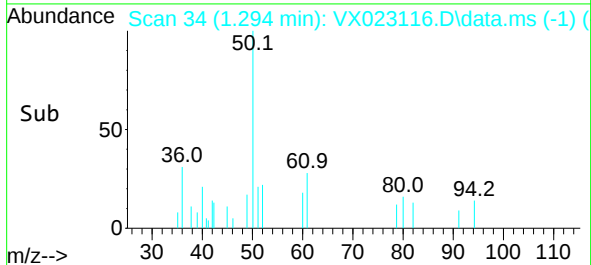
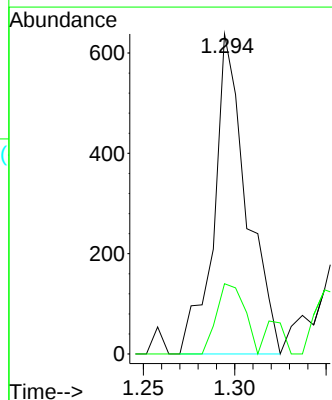
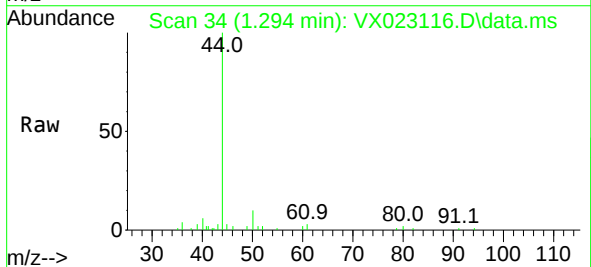
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

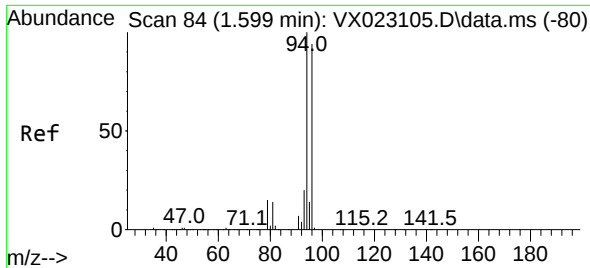
Tgt Ion:168 Resp: 234714
Ion Ratio Lower Upper
168 100
99 61.2 45.8 68.6



#3
Chloromethane
Concen: 0.375 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 50 Resp: 790
Ion Ratio Lower Upper
50 100
52 21.9 26.4 39.6#

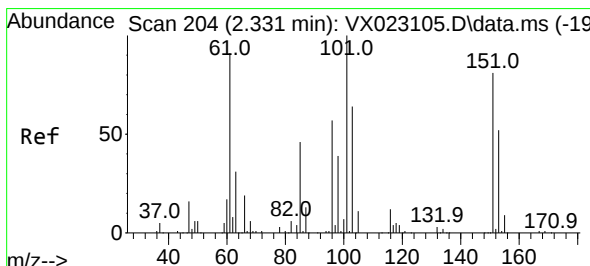
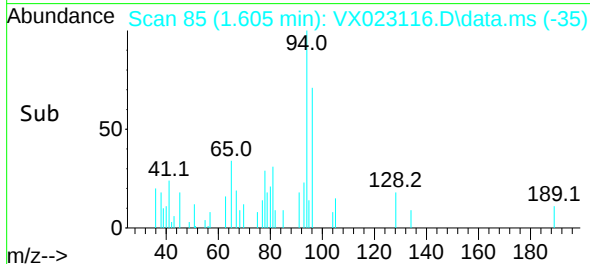
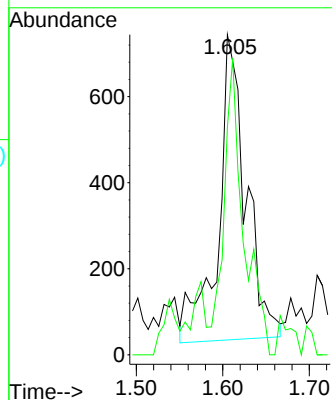
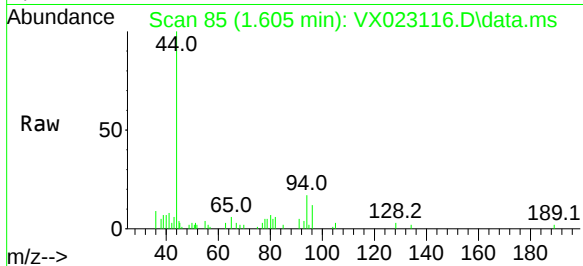




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

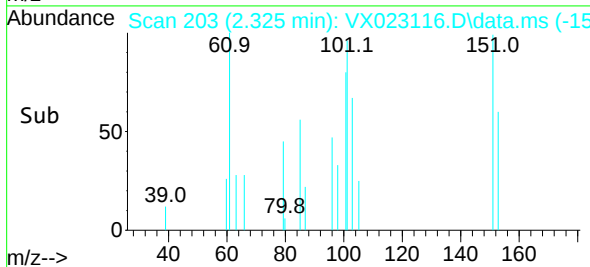
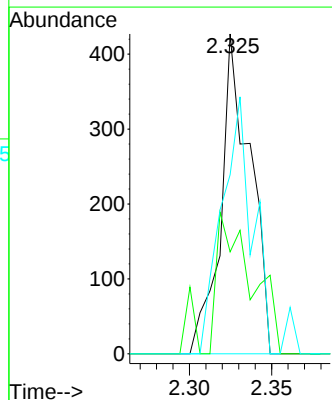
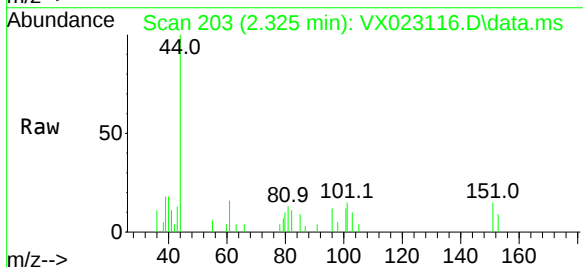
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

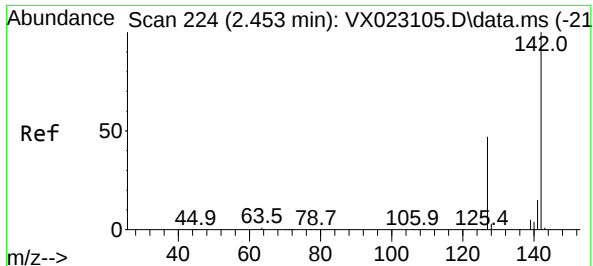
Tgt Ion: 94 Resp: 1578
Ion Ratio Lower Upper
94 100
96 69.9 76.4 114.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.234 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

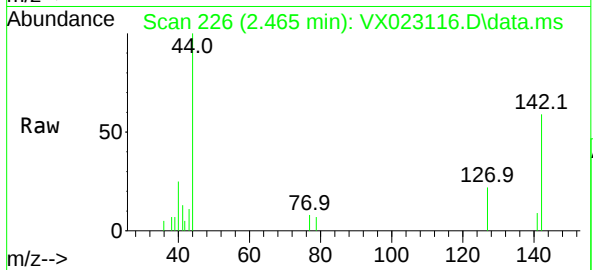
Tgt Ion: 101 Resp: 531
Ion Ratio Lower Upper
101 100
85 52.4 34.9 52.3#
151 83.4 61.4 92.2



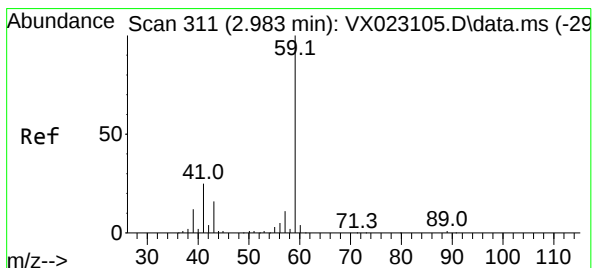
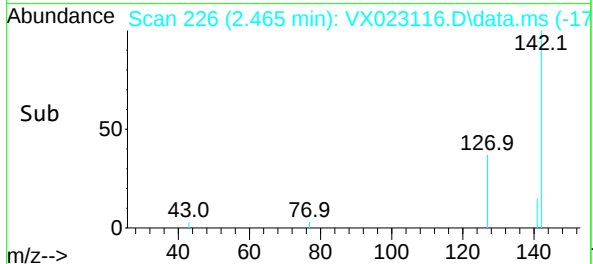
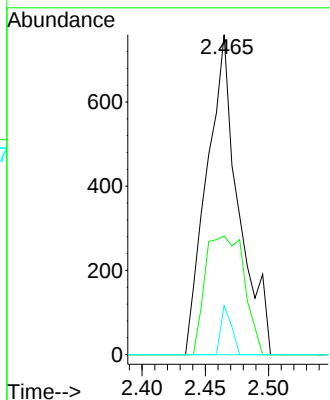


#10
Methyl Iodide
Concen: 0.475 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

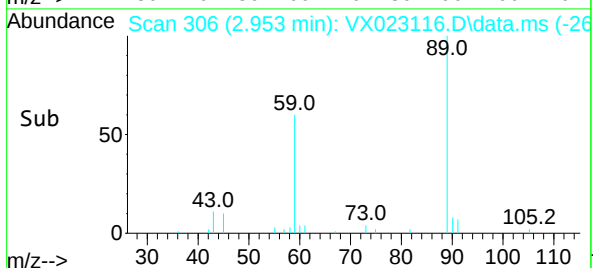
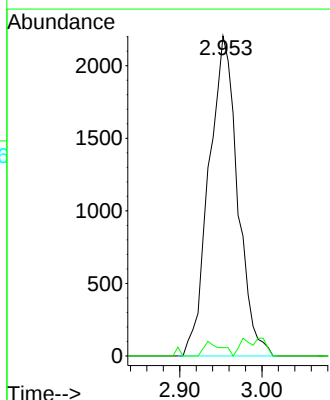
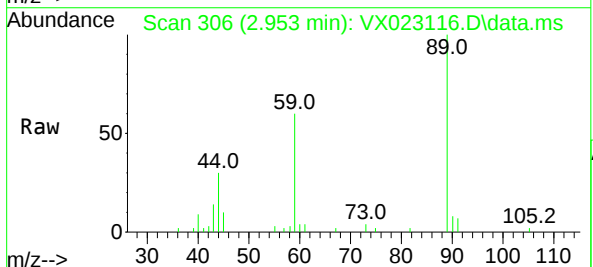


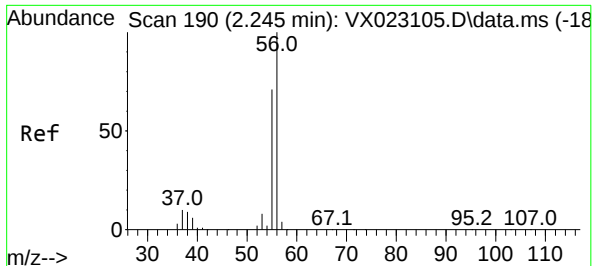
Tgt Ion:142 Resp: 1323
Ion Ratio Lower Upper
142 100
127 45.9 33.3 49.9
141 5.1 11.4 17.0#



#11
Tert butyl alcohol
Concen: 8.066 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 59 Resp: 5353
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.8#

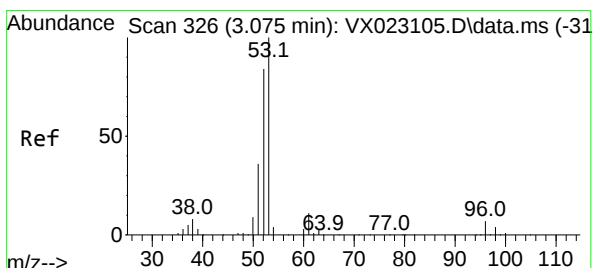
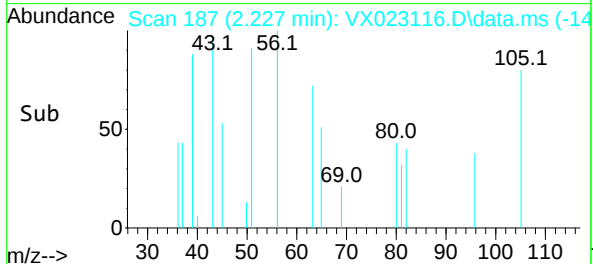
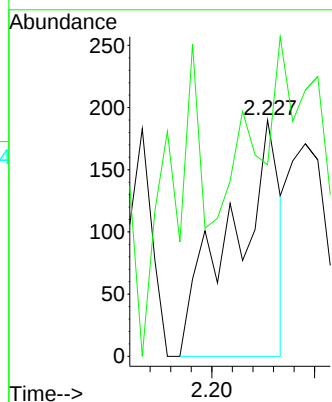
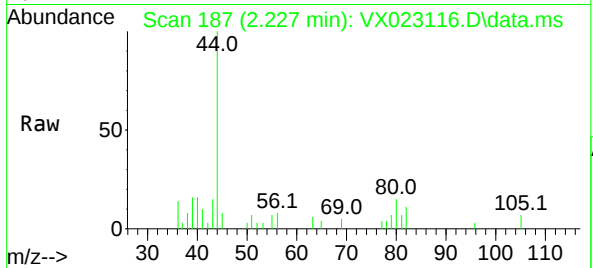




#13
Acrolein
Concen: 0.697 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

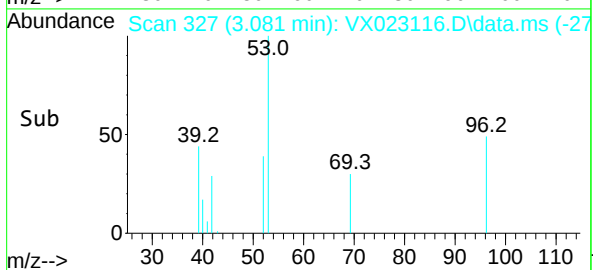
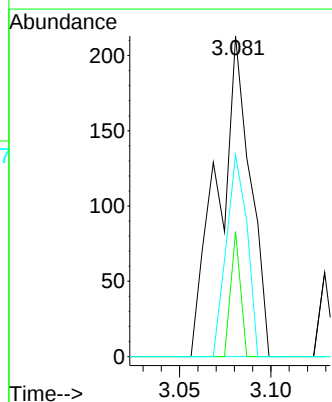
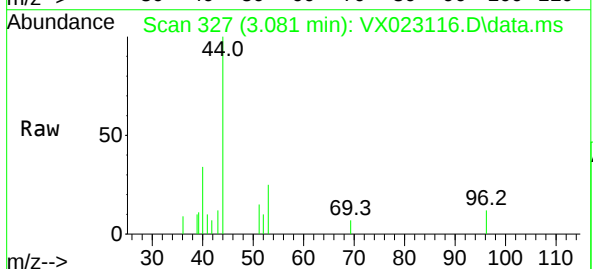
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

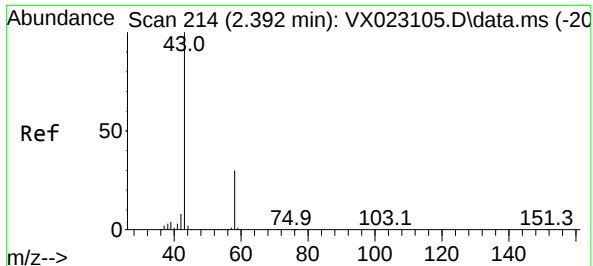
Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 104.9 56.4 84.6#



#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 53 Resp: 262
Ion Ratio Lower Upper
53 100
52 11.5 65.3 97.9#
51 40.1 28.2 42.2

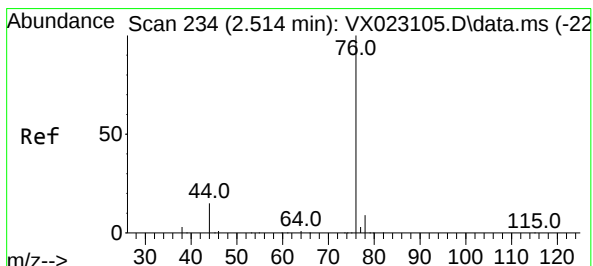
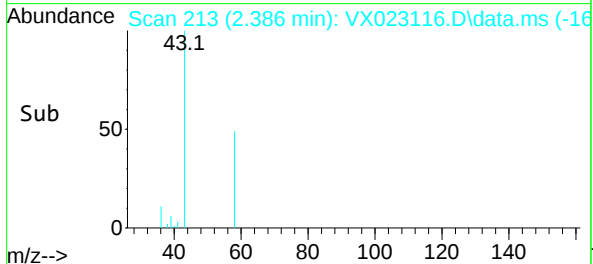
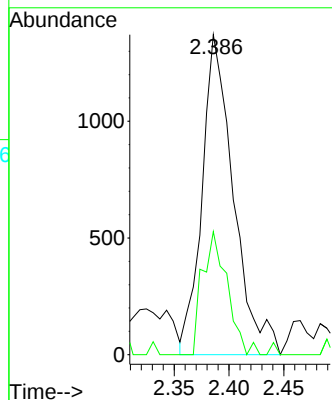
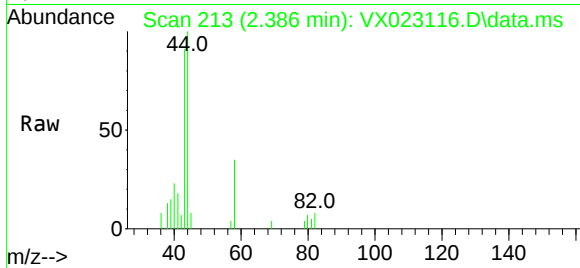




#16
Acetone
Concen: 2.188 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

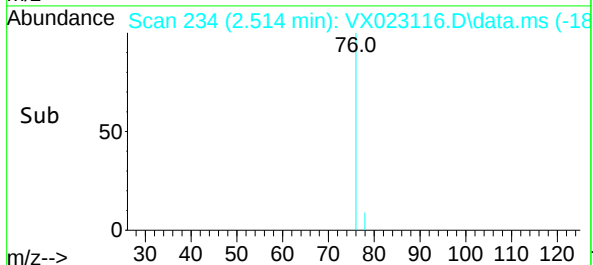
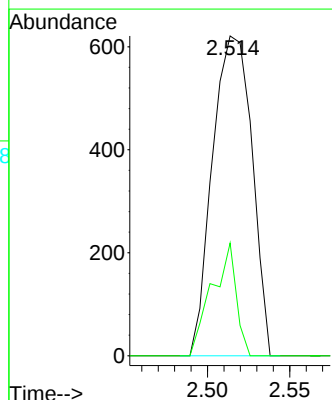
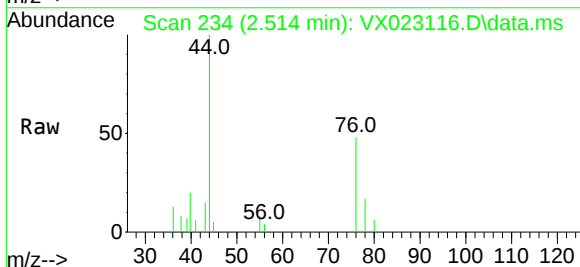
Instrument :
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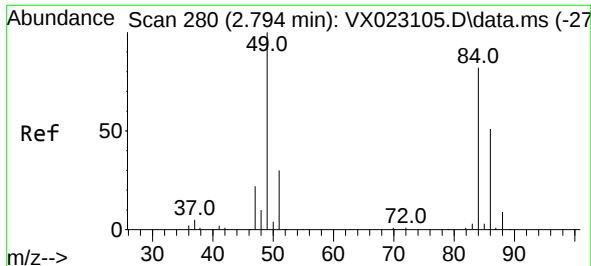
Tgt Ion: 43 Resp: 2731
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.235 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 76 Resp: 1037
Ion Ratio Lower Upper
76 100
78 35.3 7.2 10.8#





#20

Methylene Chloride

Concen: 0.671 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX023116.D

Acq: 02 Jul 2021 18:42

Tgt Ion: 84 Resp: 1802

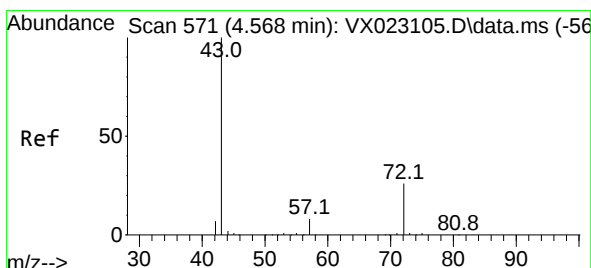
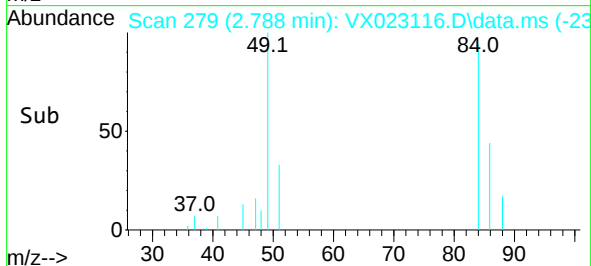
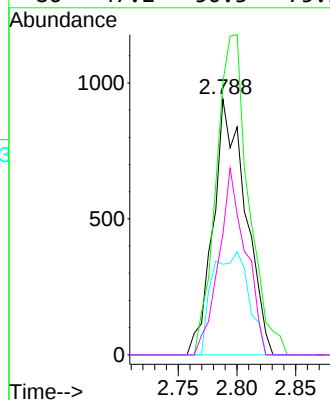
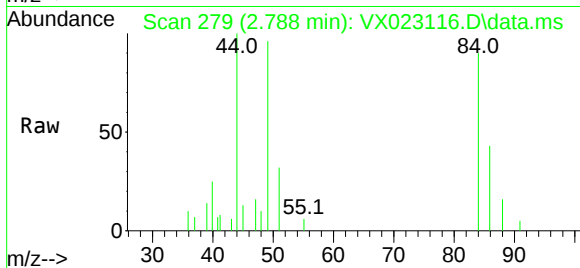
Ion Ratio Lower Upper

84 100

49 106.7 88.6 132.8

51 35.4 27.0 40.6

86 47.2 50.3 75.5#



#25

2-Butanone

Concen: 0.721 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.031 min

Lab File: VX023116.D

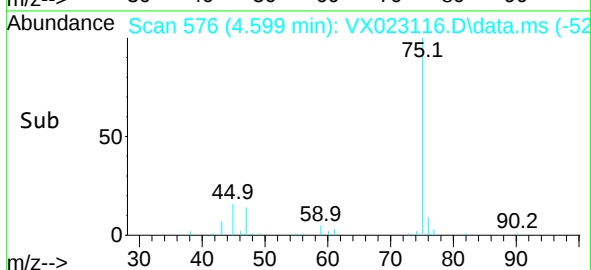
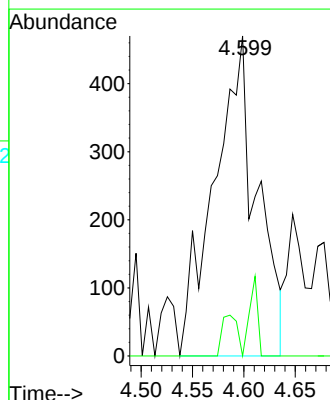
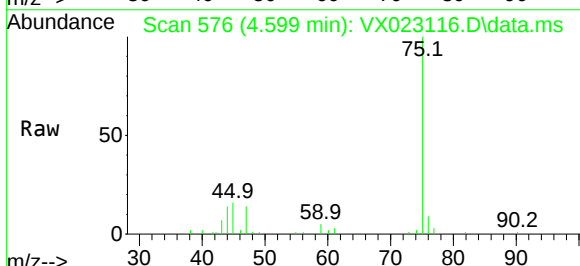
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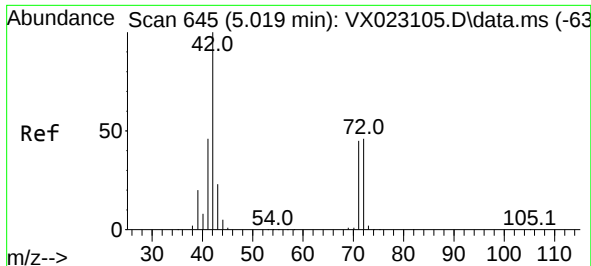
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#

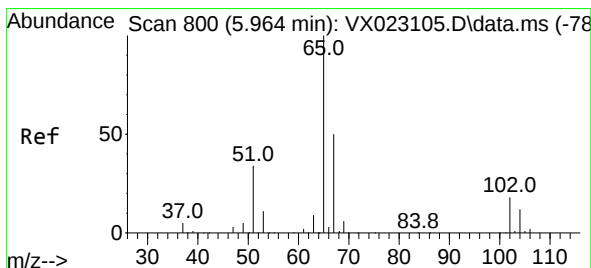
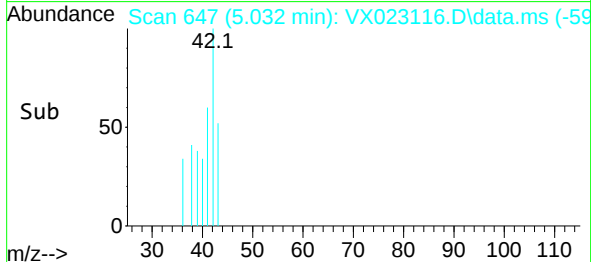
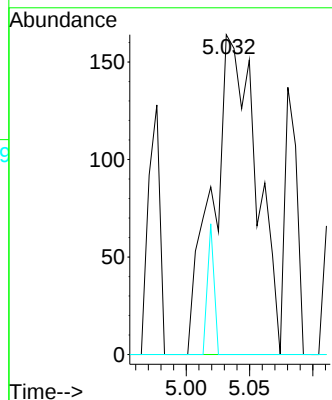
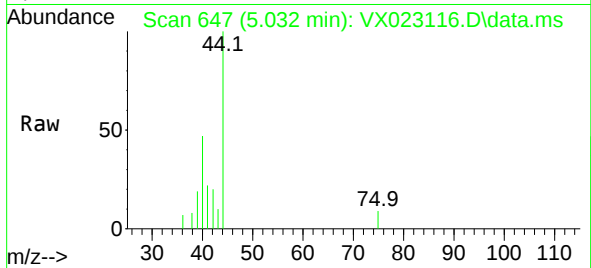




#29
Tetrahydrofuran
Concen: 0.325 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

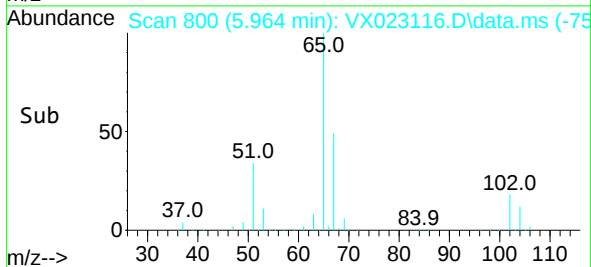
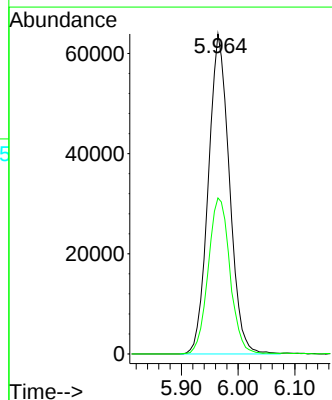
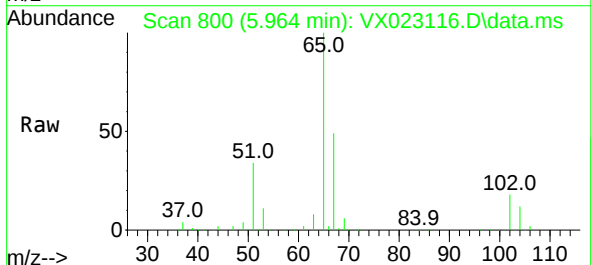
Instrument :
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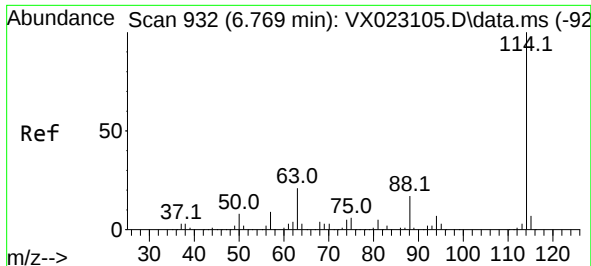
Tgt Ion: 42 Resp: 393
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 6.4 38.4 57.6#



#33
1,2-Dichloroethane-d4
Concen: 52.228 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 65 Resp: 164757
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

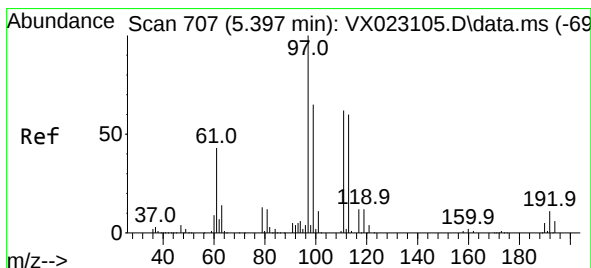
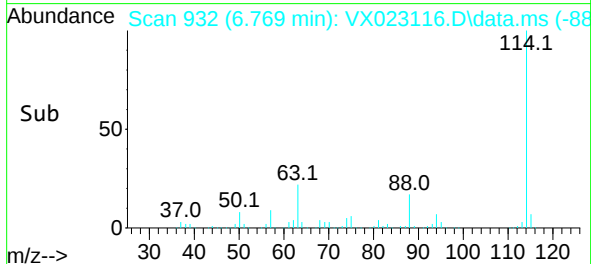
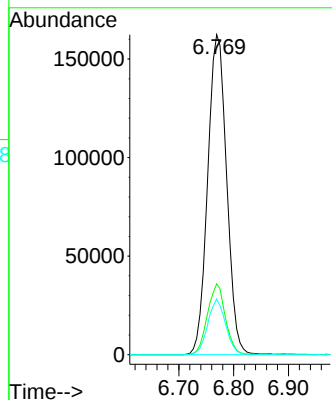
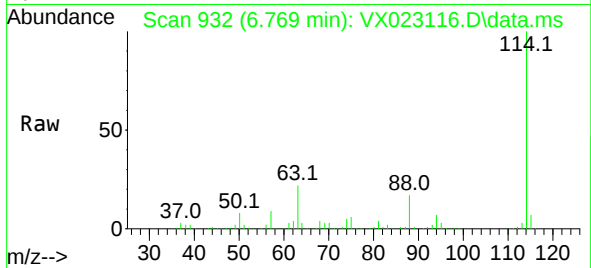




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

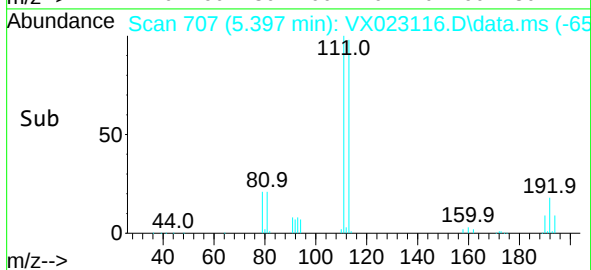
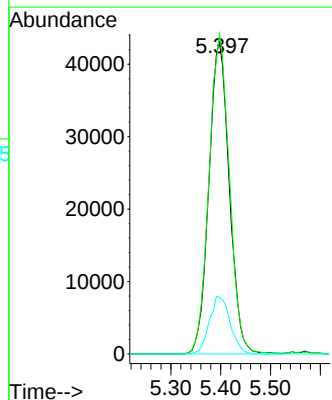
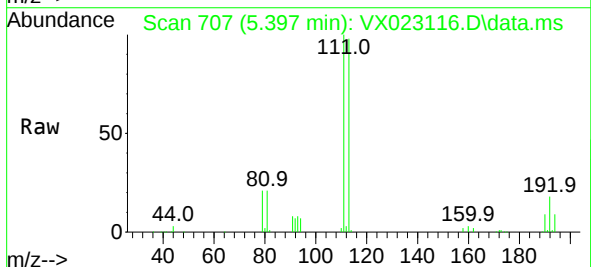
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

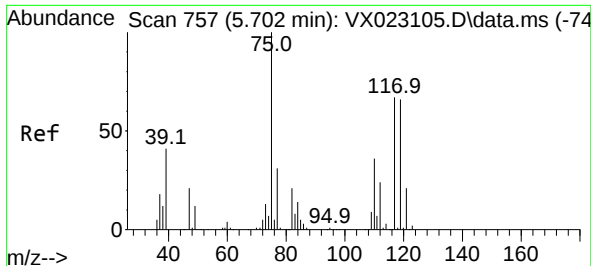
Tgt Ion:114 Resp: 389468
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.775 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion:113 Resp: 122671
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.8 16.7 25.1

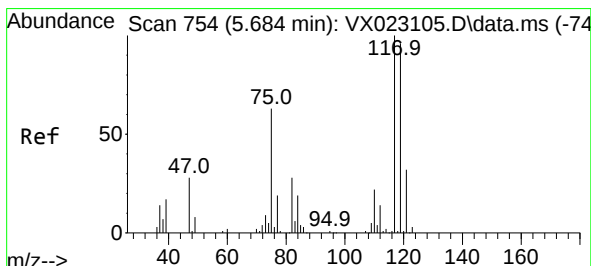
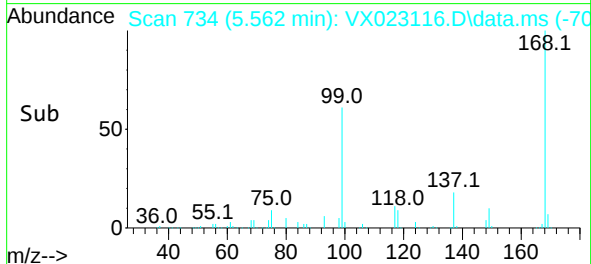
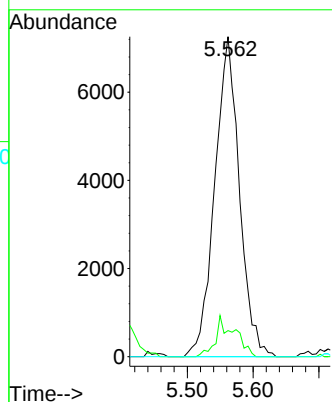
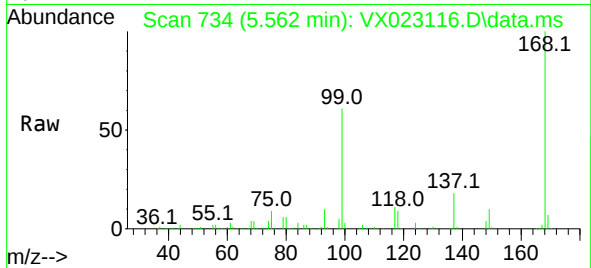




#36
1,1-Dichloropropene
Concen: 5.443 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

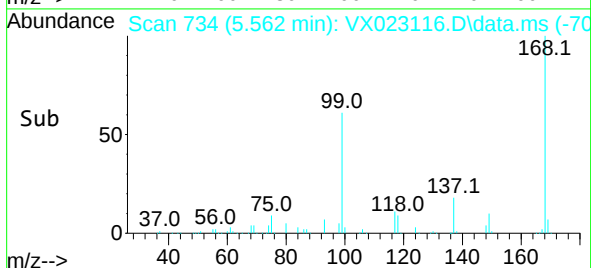
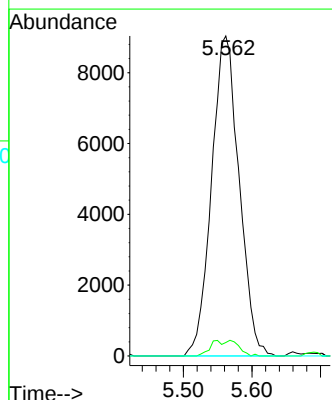
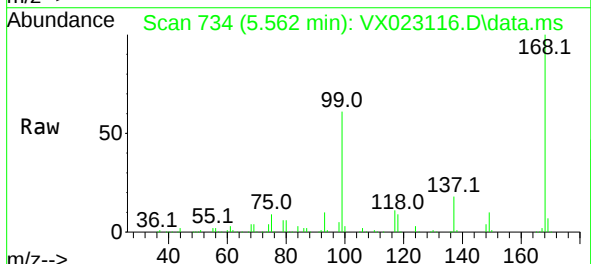
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

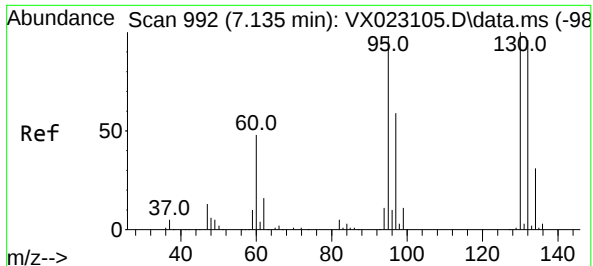
Tgt Ion: 75 Resp: 18897
Ion Ratio Lower Upper
75 100
110 6.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.967 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 117 Resp: 25250
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

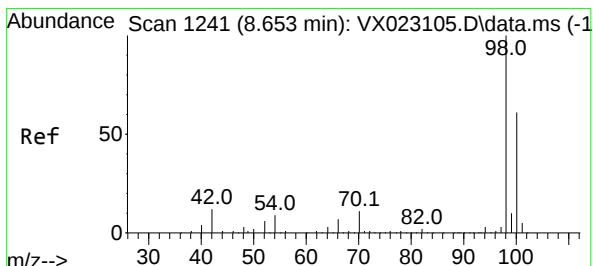
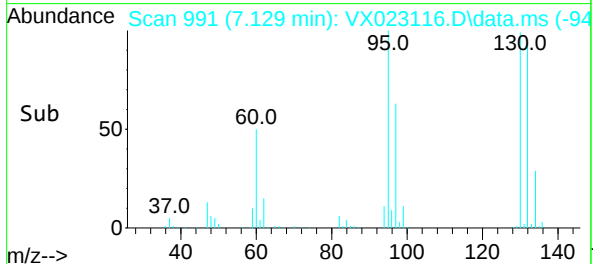
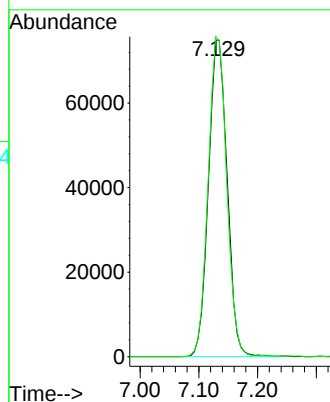
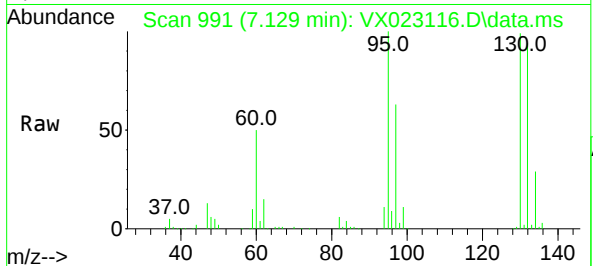




#44
Trichloroethene
Concen: 58.030 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

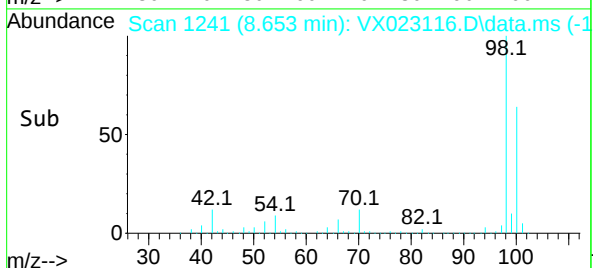
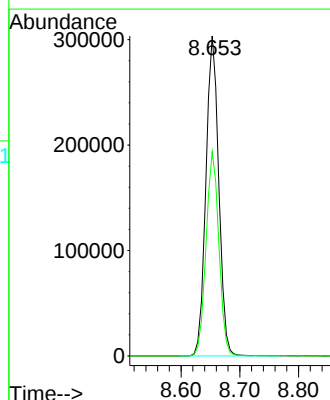
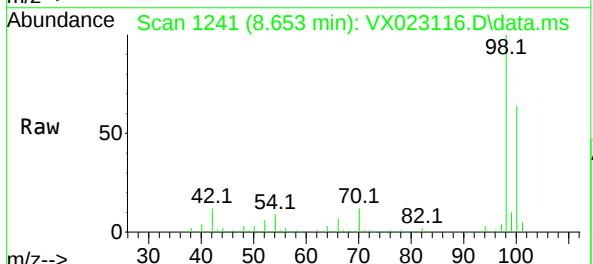
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

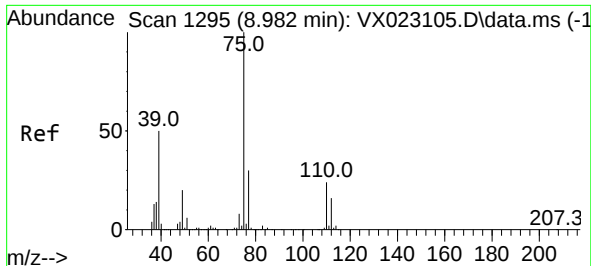
Tgt Ion:130 Resp: 165943
Ion Ratio Lower Upper
130 100
95 101.1 0.0 198.0



#50
Toluene-d8
Concen: 49.133 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

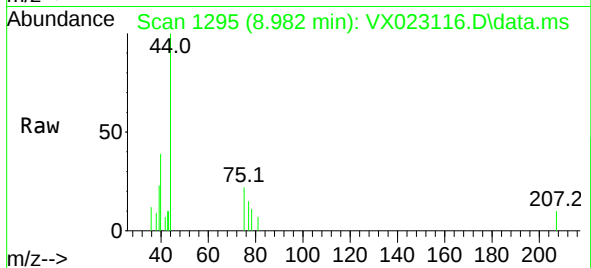
Tgt Ion: 98 Resp: 460945
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



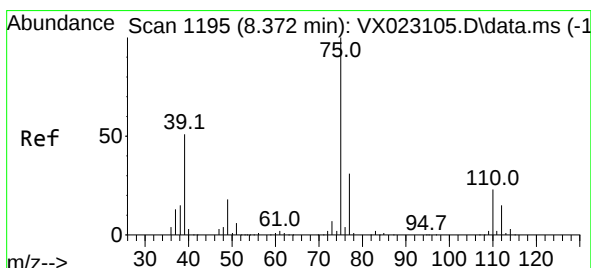
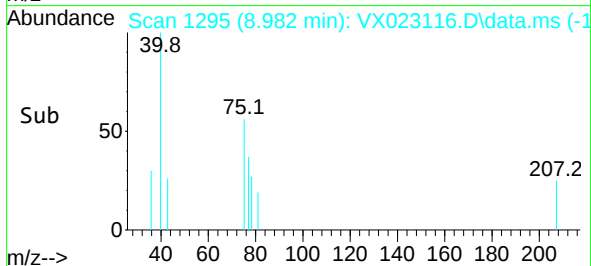
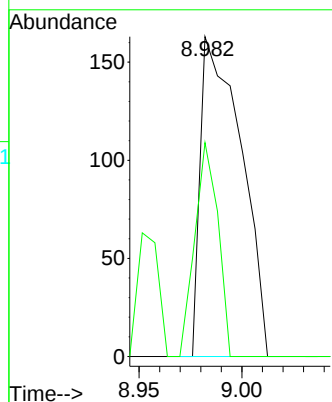


#53
t-1,3-Dichloropropene
Concen: 2.785 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

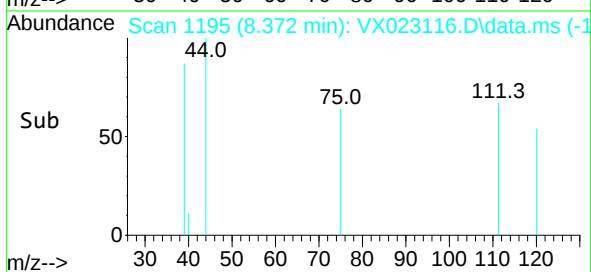
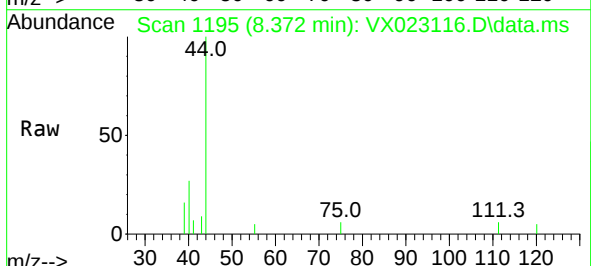
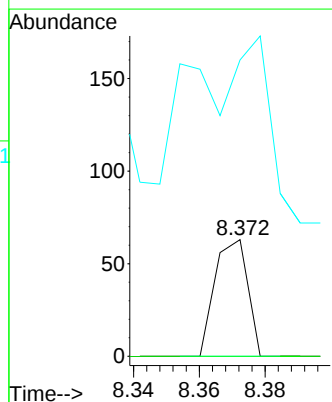


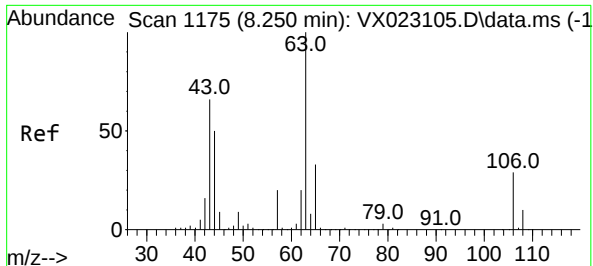
Tgt Ion: 75 Resp: 224
Ion Ratio Lower Upper
75 100
77 66.9 24.9 37.3#



#54
cis-1,3-Dichloropropene
Concen: 2.182 ug/l
RT: 8.372 min Scan# 1195
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 114.3 35.1 52.7#

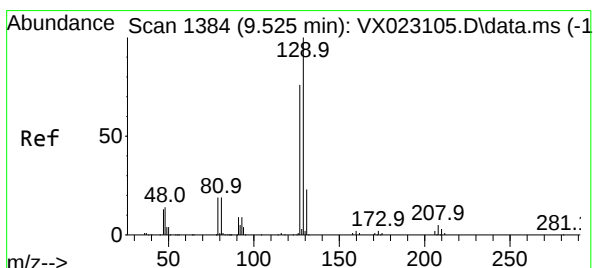
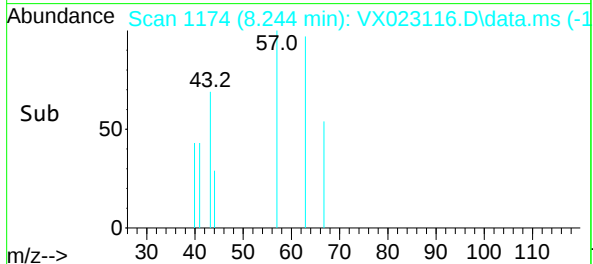
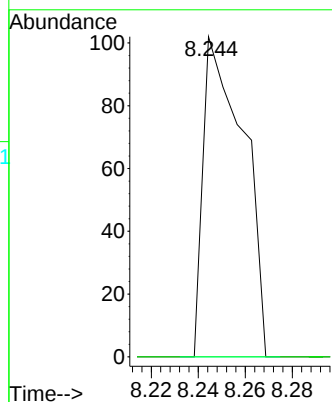
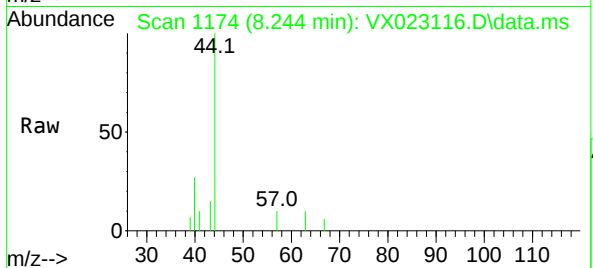




#58
2-Chloroethyl Vinyl ether
Concen: 4.741 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

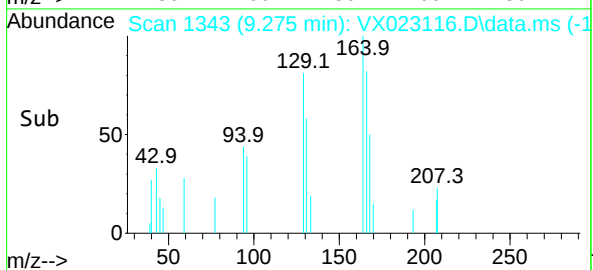
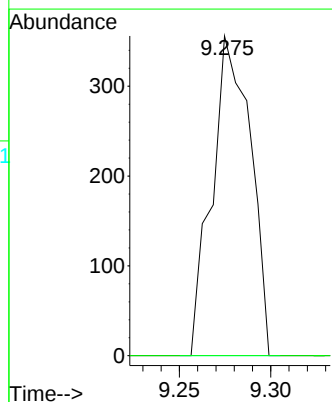
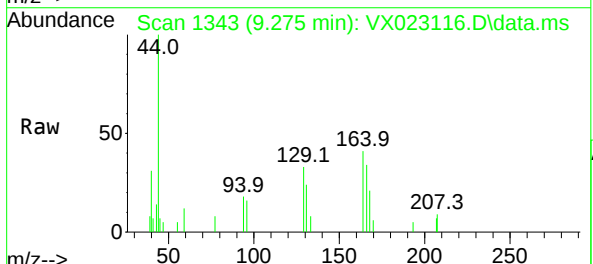
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

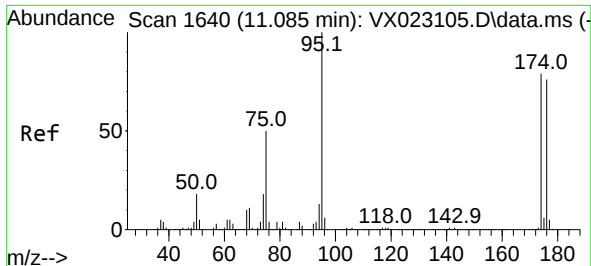
Tgt Ion: 63 Resp: 121
Ion Ratio Lower Upper
63 100
106 0.0 23.5 35.3#



#60
Dibromochloromethane
Concen: 3.273 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 129 Resp: 522
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

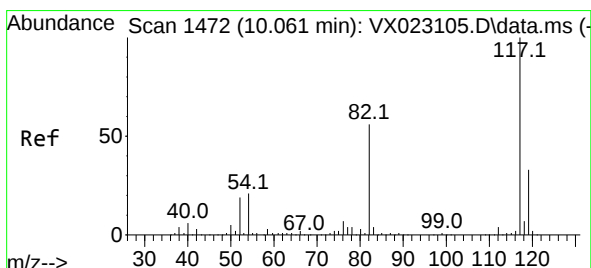
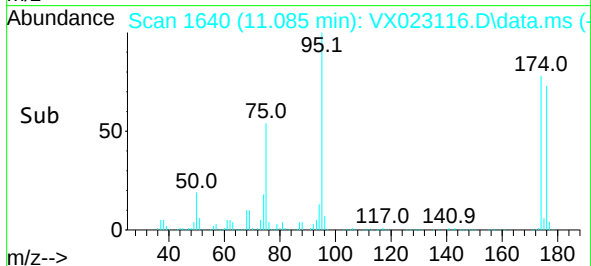
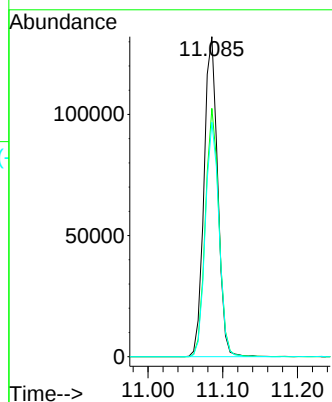
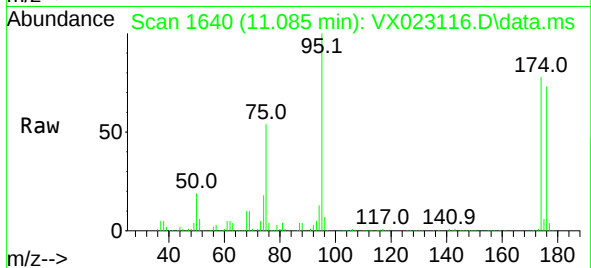




#62
4-Bromofluorobenzene
Concen: 46.332 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

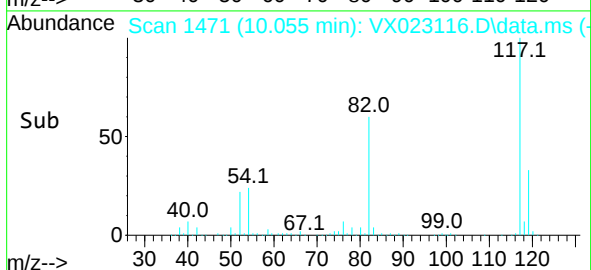
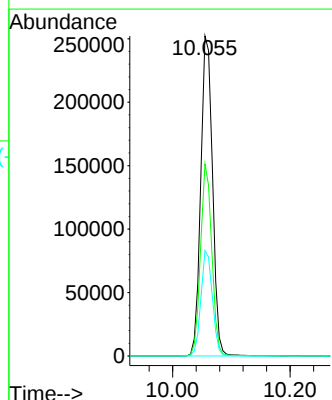
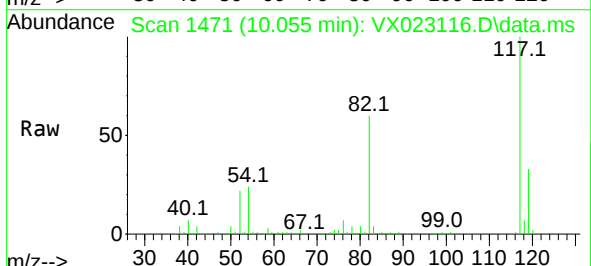
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

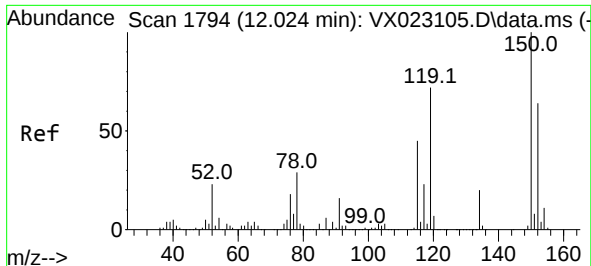
Tgt Ion: 95 Resp: 167807
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.6
176 73.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 117 Resp: 349988
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.9 26.6 39.8

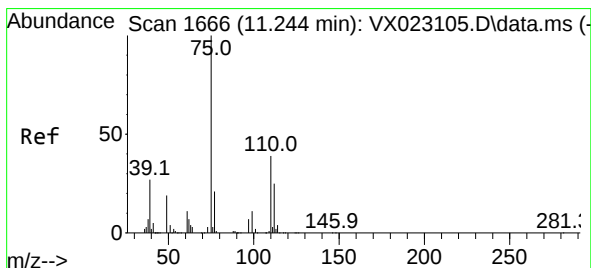
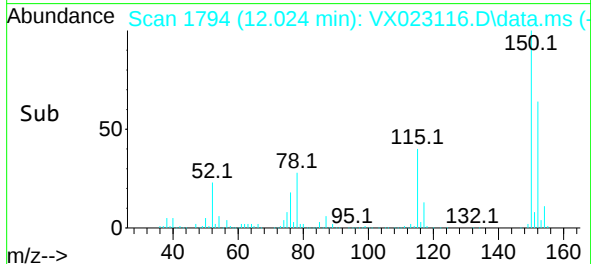
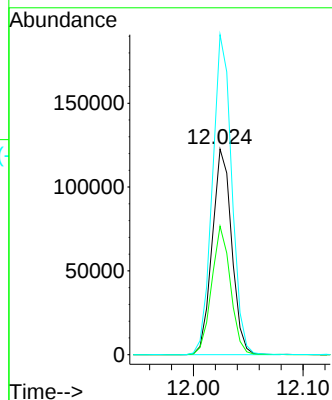
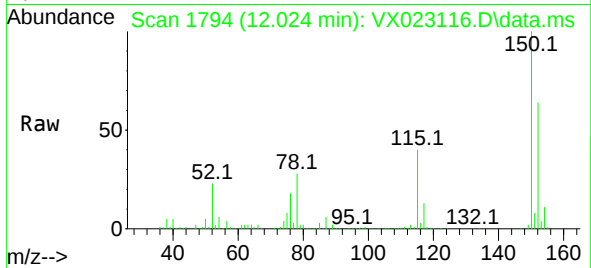




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

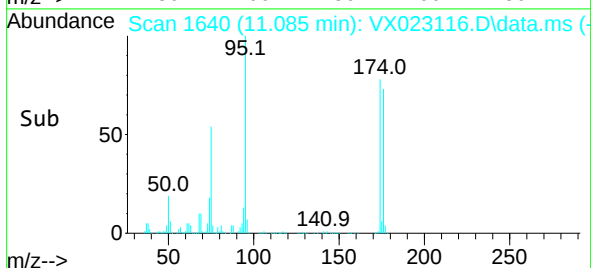
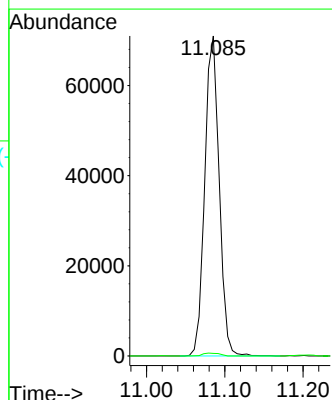
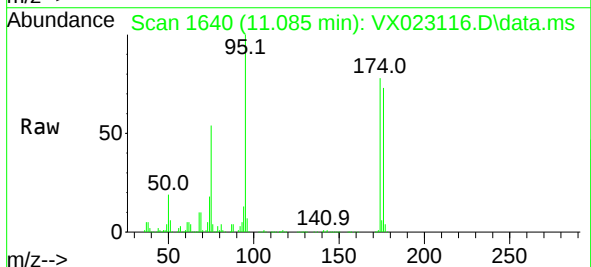
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

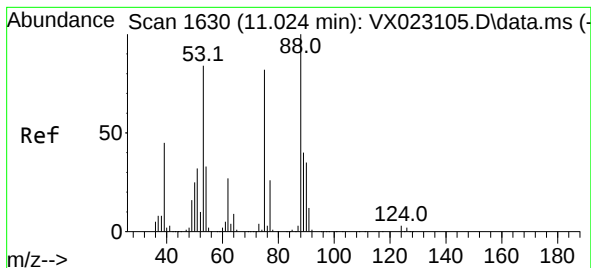
Tgt Ion:152 Resp: 151575
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 154.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 29.722 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Tgt Ion: 75 Resp: 90659
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

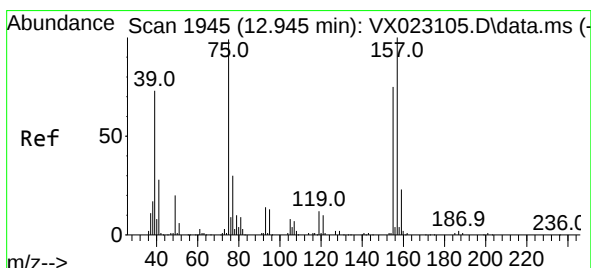
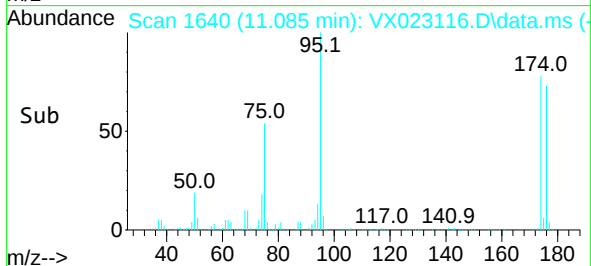
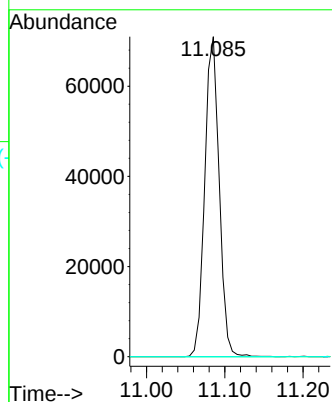
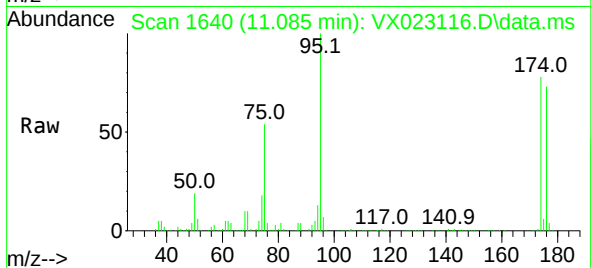




#81
trans-1,4-Dichloro-2-butene
Concen: 79.849 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

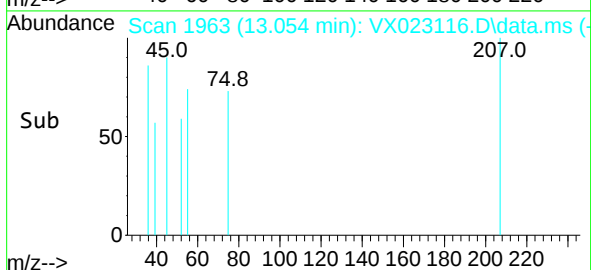
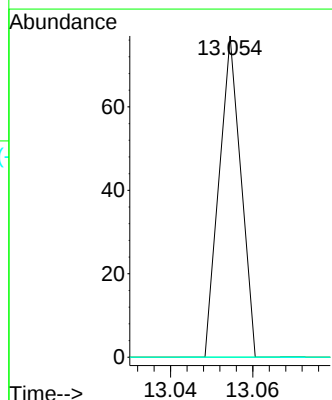
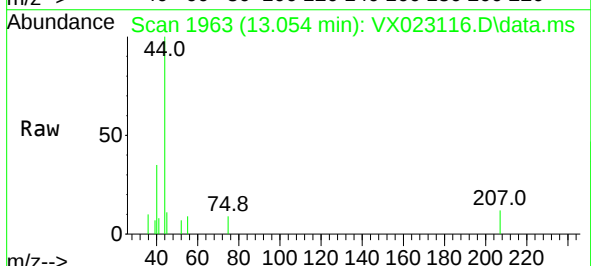
Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622

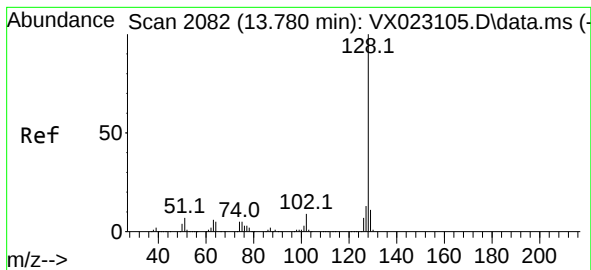
Tgt Ion: 75 Resp: 90659
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.602 ug/l
RT: 13.054 min Scan# 1963
Delta R.T. 0.109 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

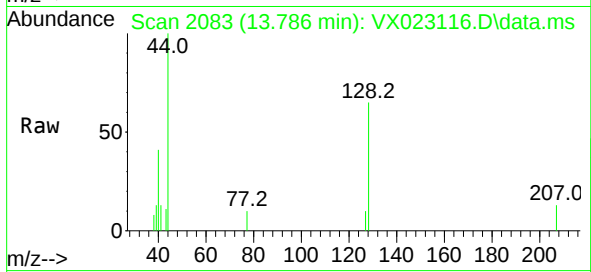
Tgt Ion: 75 Resp: 28
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#





#95
Naphthalene
Concen: 1.346 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023116.D
Acq: 02 Jul 2021 18:42

Instrument :
MSVOA_X
ClientSampleId :
DUP09-20210622



Tgt Ion:128 Resp: 816
Ion Ratio Lower Upper
128 100
127 8.3 10.3 15.5#
129 0.0 8.8 13.2#

