

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024388.D
 Acq On : 21 Sep 2021 16:01
 Operator : JC/MD
 Sample : M3782-19DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20210915DL

Quant Time: Sep 21 16:41:11 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)

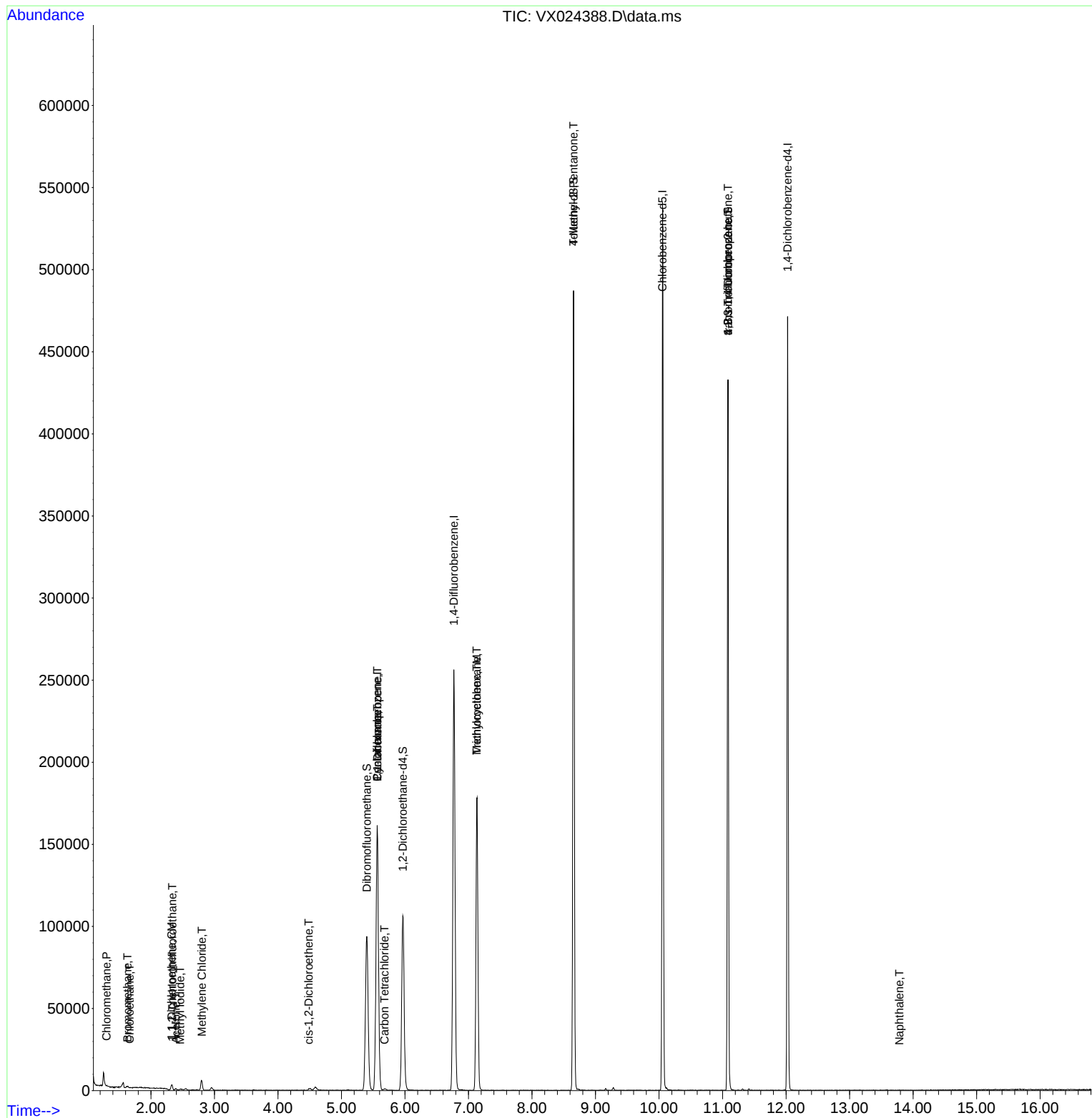
Internal Standards						
1) Pentafluorobenzene	5.562	168	141655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251526	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108499	53.714	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.420%	
35) Dibromofluoromethane	5.397	113	81388	48.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.500%	
50) Toluene-d8	8.653	98	279161	45.428	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 90.860%#	
62) 4-Bromofluorobenzene	11.085	95	110890	46.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.740%	
Target Compounds						Qvalue
3) Chloromethane	1.300	50	297	0.209	ug/l #	42
5) Bromomethane	1.630	94	510	0.605	ug/l #	73
6) Chloroethane	1.666	64	289	0.309	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	481	0.345	ug/l	89
10) Methyl Iodide	2.459	142	896	0.464	ug/l #	83
11) Tert butyl alcohol	2.953	59	1171	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	942	0.721	ug/l #	93
16) Acetone	2.392	43	945	1.097	ug/l #	88
20) Methylene Chloride	2.800	84	2603	1.574	ug/l #	83
27) cis-1,2-Dichloroethene	4.483	96	730	0.442	ug/l #	4
31) Cyclohexane	5.562	56	3058	1.294	ug/l #	21
36) 1,1-Dichloropropene	5.562	75	11724	5.070	ug/l #	49
38) Carbon Tetrachloride	5.678	117	781	0.300	ug/l #	63
39) Methylcyclohexane	7.129	83	944	0.342	ug/l #	1
44) Trichloroethene	7.129	130	66616	35.747	ug/l	93
51) 4-Methyl-2-Pentanone	8.653	43	1270	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	58895	26.798	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58895	78.813	ug/l #	12
95) Naphthalene	13.786	128	81	1.299	ug/l #	69

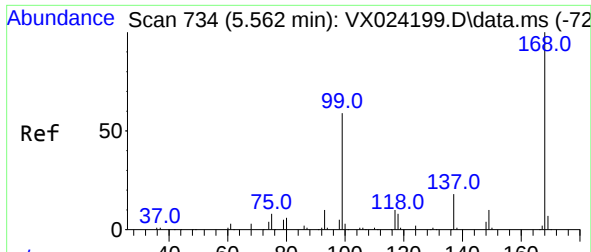
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
DUP04-20210915DL

Quant Time: Sep 21 16:41:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 21 10:52:48 2021
Response via : Initial Calibration

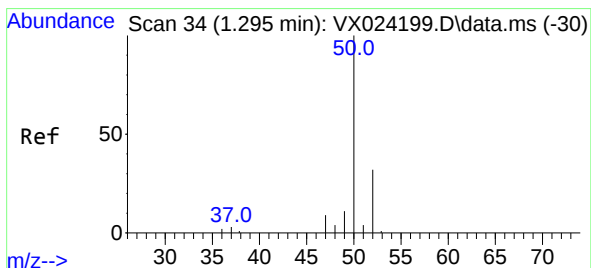
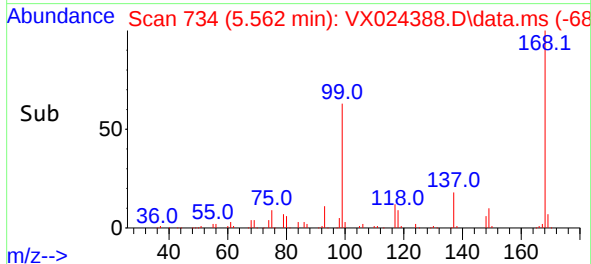
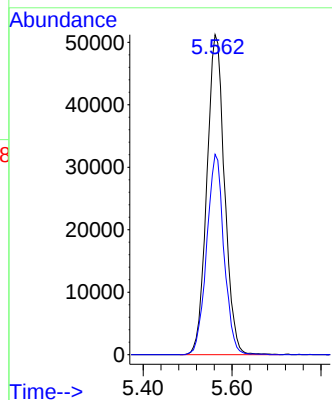
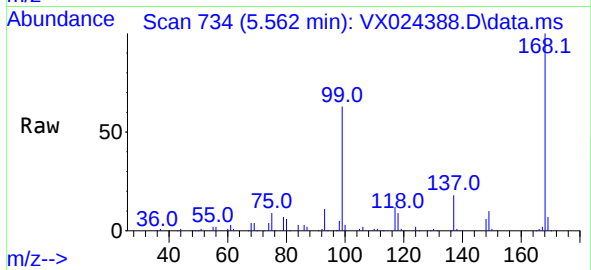




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

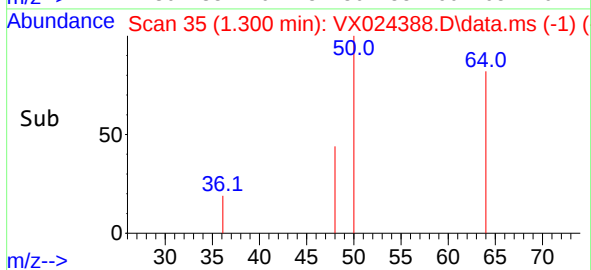
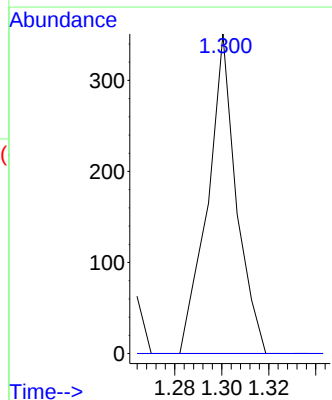
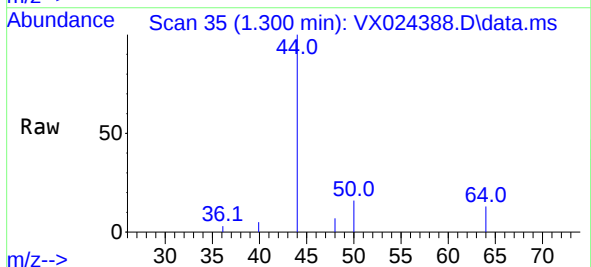
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MSVOA_X
ClientSampleId :
DUP04-20210915DL

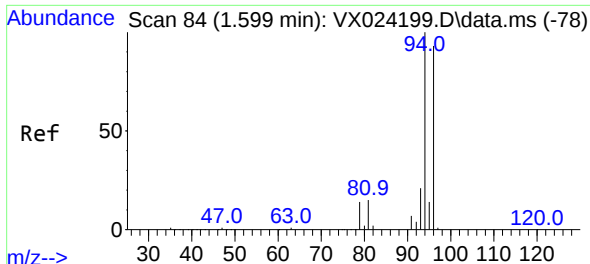
Tgt Ion:168 Resp: 141655
Ion Ratio Lower Upper
168 100
99 62.6 45.8 68.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.005 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 50 Resp: 297
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

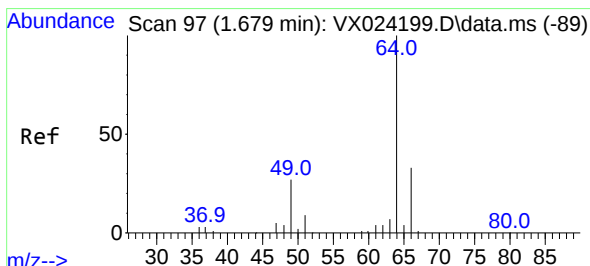
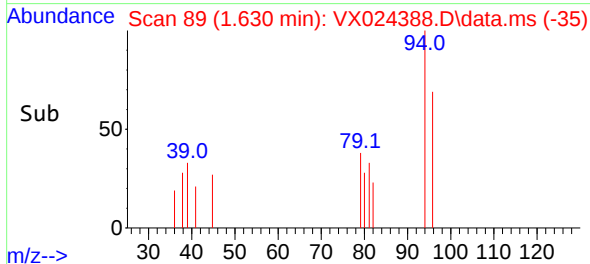
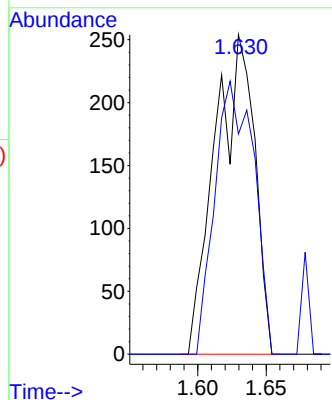
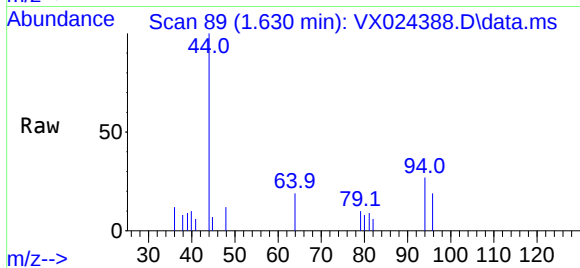




#5
Bromomethane
Concen: 0.605 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

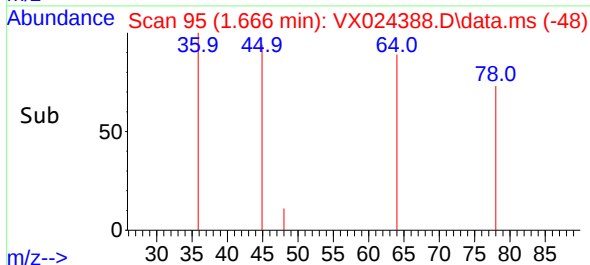
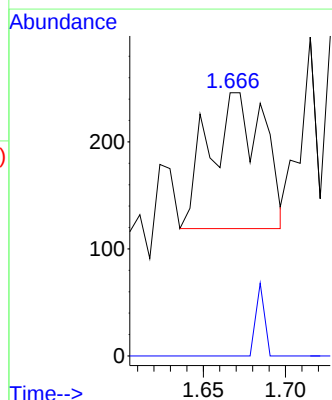
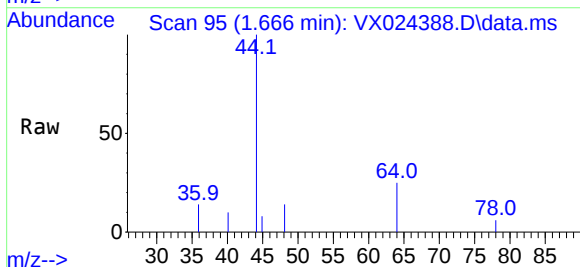
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

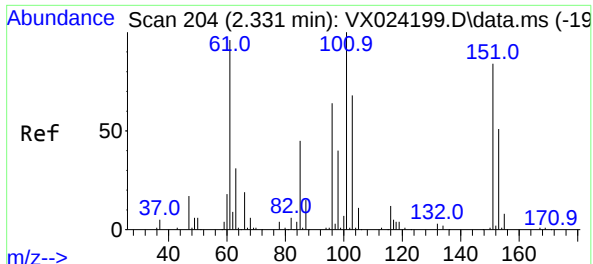
Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 68.9 76.4 114.6#



#6
Chloroethane
Concen: 0.309 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 64 Resp: 289
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

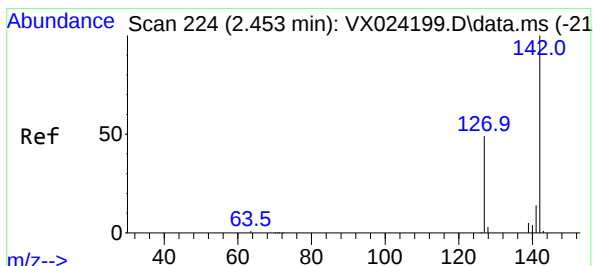
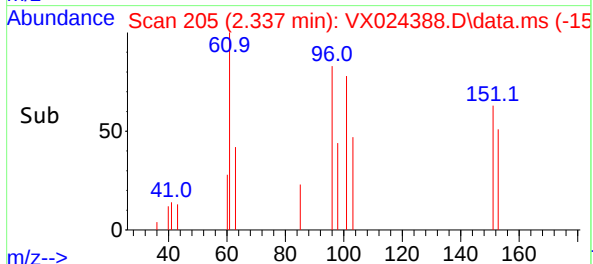
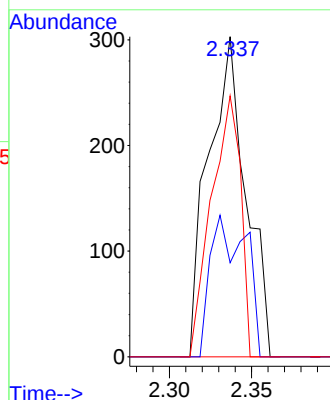
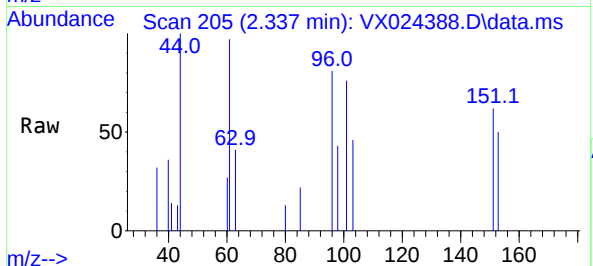




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.345 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

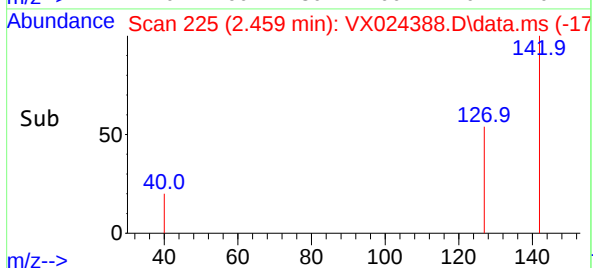
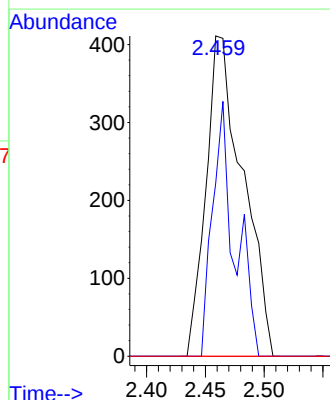
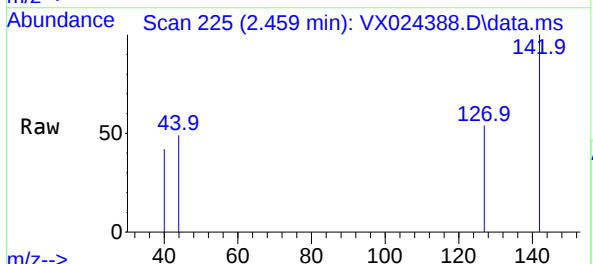
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

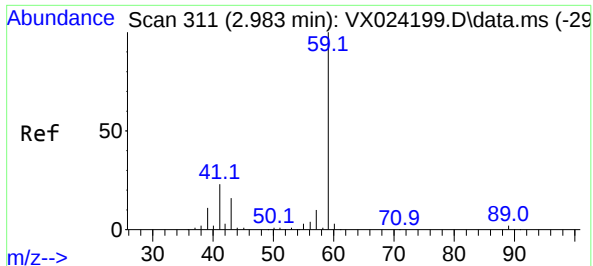
Tgt Ion:101 Resp: 481
Ion Ratio Lower Upper
101 100
85 41.6 34.9 52.3
151 63.6 61.4 92.2



#10
Methyl Iodide
Concen: 0.464 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
127 48.2 33.3 49.9
141 0.0 11.4 17.0#



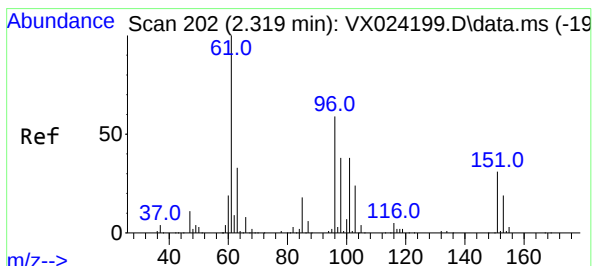
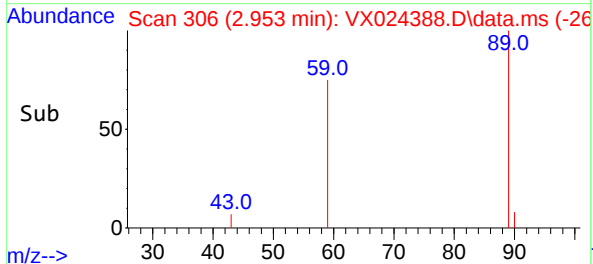
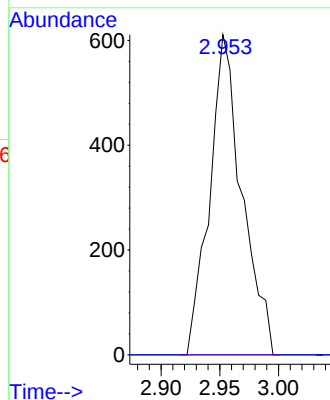
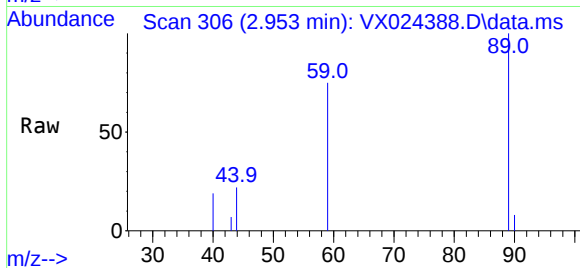


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

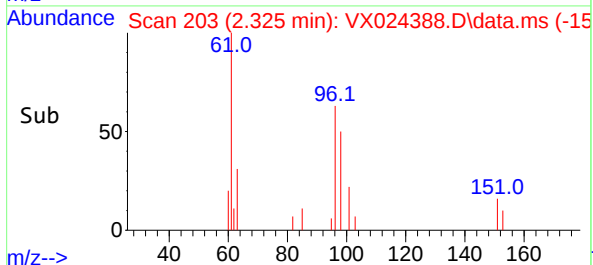
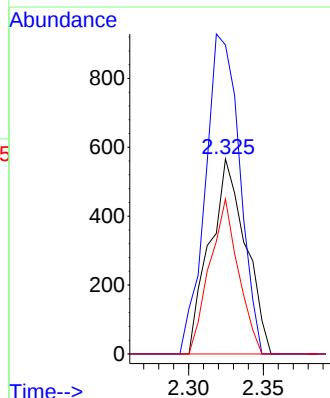
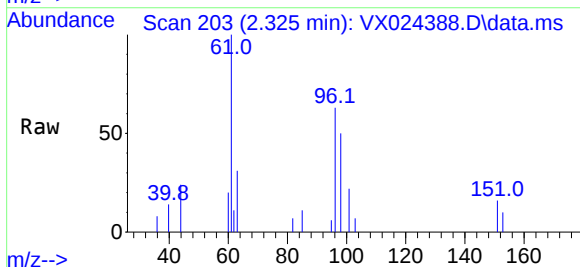
Tgt Ion: 59 Resp: 1171
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

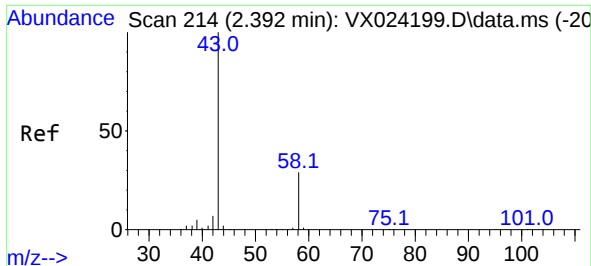


#12

1,1-Dichloroethene
Concen: 0.721 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 96 Resp: 942
Ion Ratio Lower Upper
96 100
61 158.5 124.6 187.0
98 79.5 50.6 76.0#

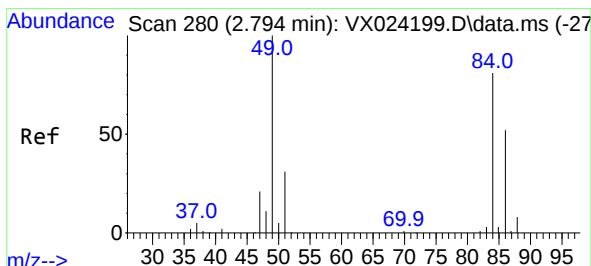
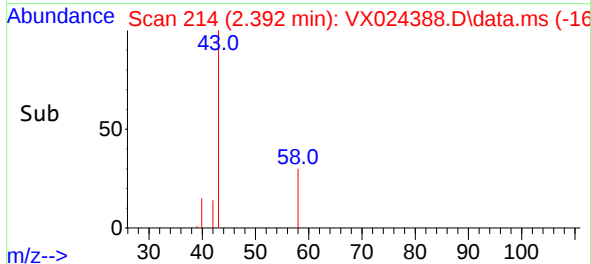
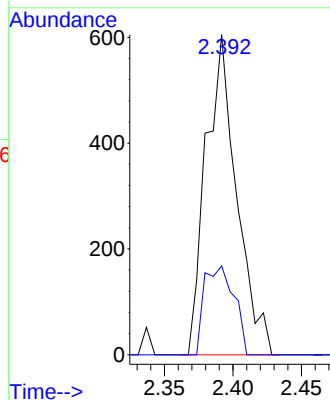
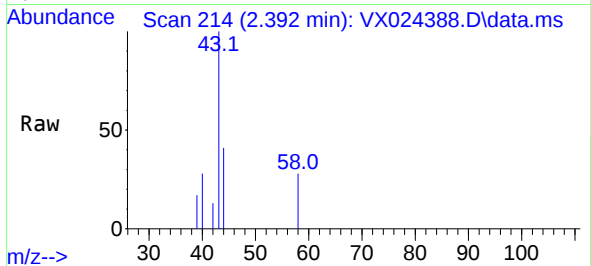




#16
Acetone
Concen: 1.097 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

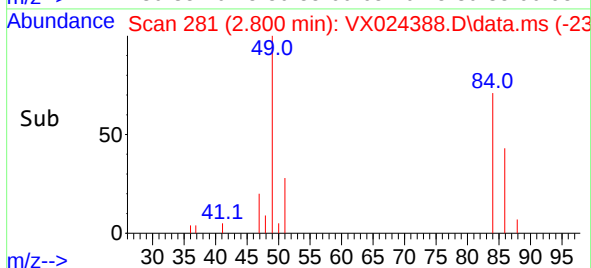
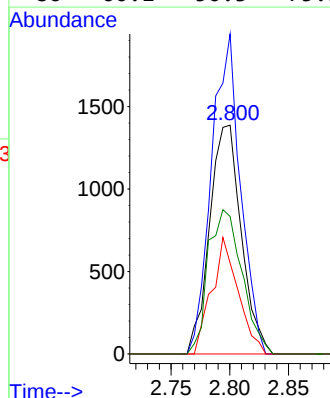
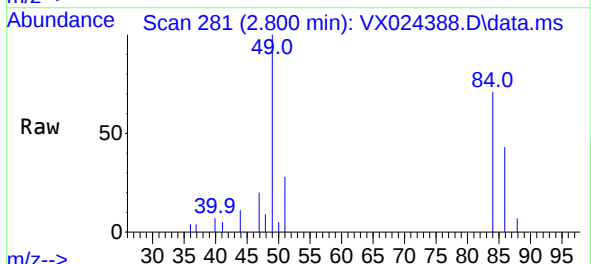
Instrument :
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ClientSampleId :
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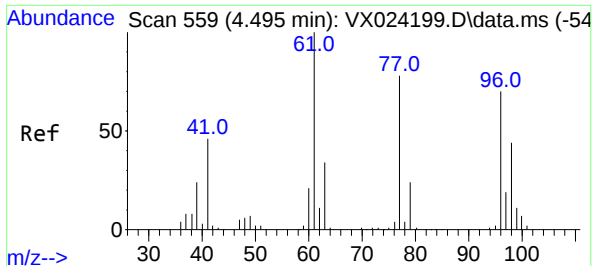
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



#20
Methylene Chloride
Concen: 1.574 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 84 Resp: 2603
Ion Ratio Lower Upper
84 100
49 139.9 88.6 132.8#
51 39.7 27.0 40.6
86 60.1 50.3 75.5

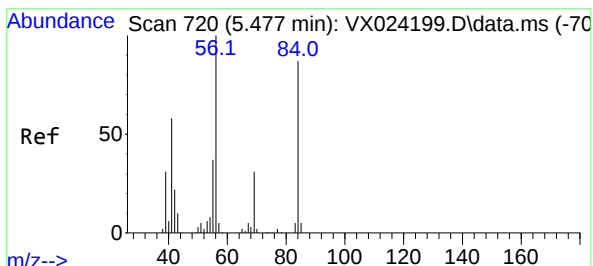
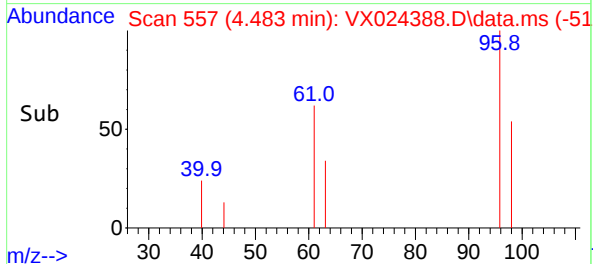
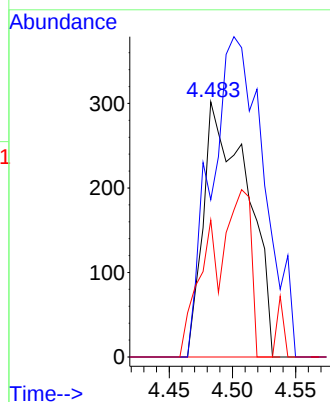
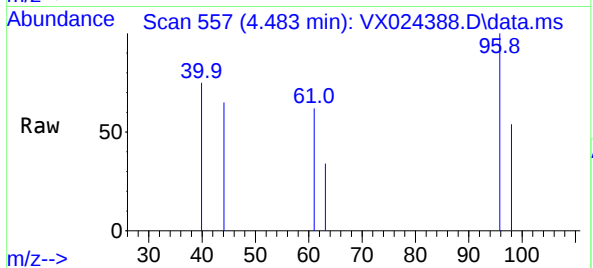




#27
cis-1,2-Dichloroethene
Concen: 0.442 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.012 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

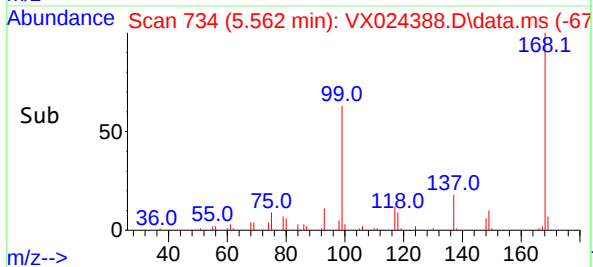
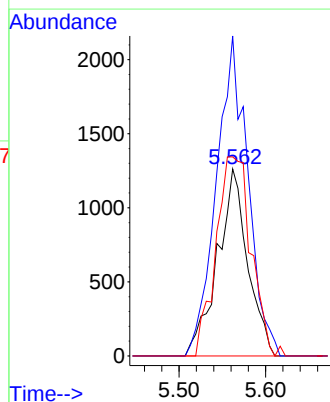
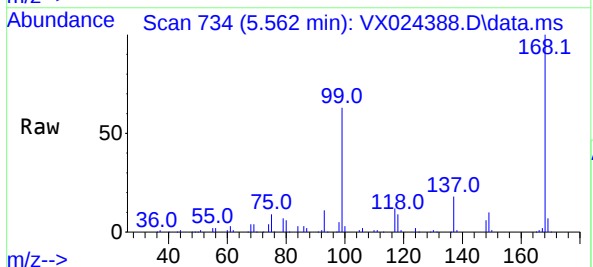
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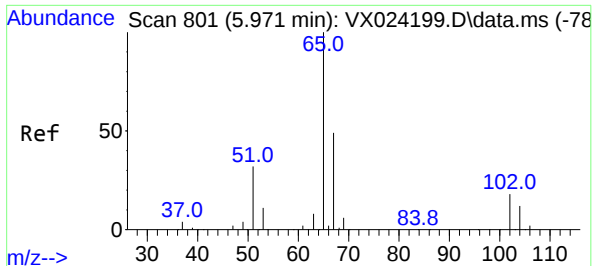
Tgt Ion: 96 Resp: 730
Ion Ratio Lower Upper
96 100
61 0.0 0.0 285.6
98 23.8 0.0 129.6



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 56 Resp: 3058
Ion Ratio Lower Upper
56 100
69 171.0 25.3 37.9#
84 106.4 71.4 107.0



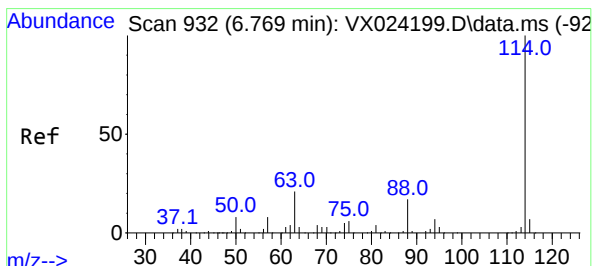
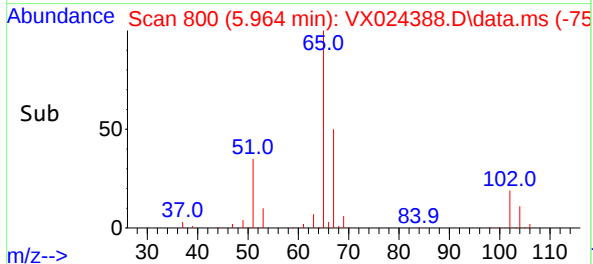
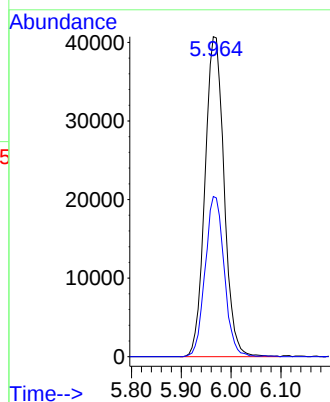
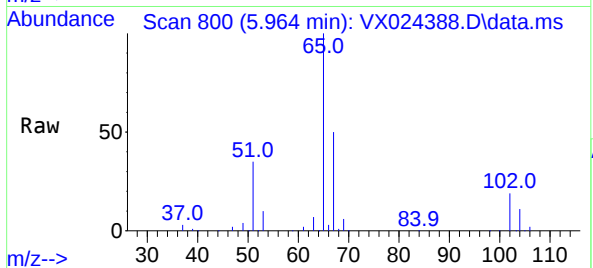


#33

1,2-Dichloroethane-d4
Concen: 53.714 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

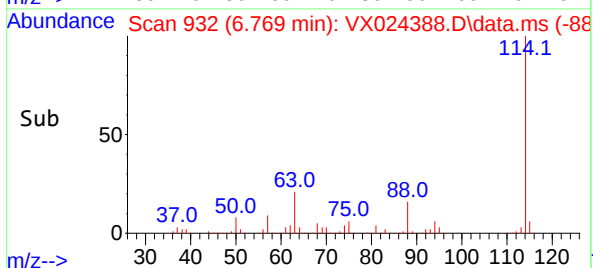
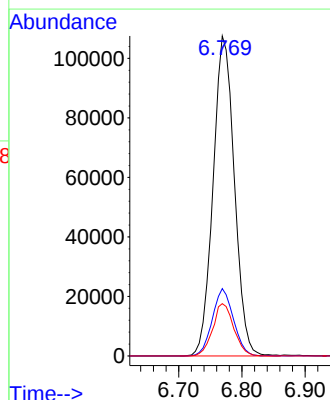
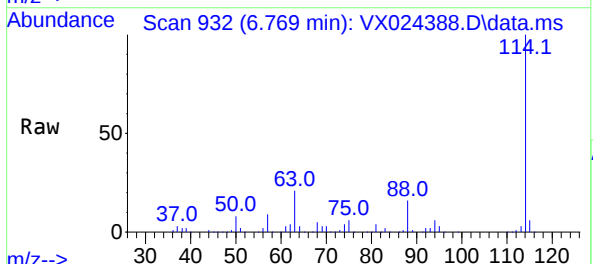
Tgt Ion: 65 Resp: 108499
Ion Ratio Lower Upper
65 100
67 49.9 0.0 105.4

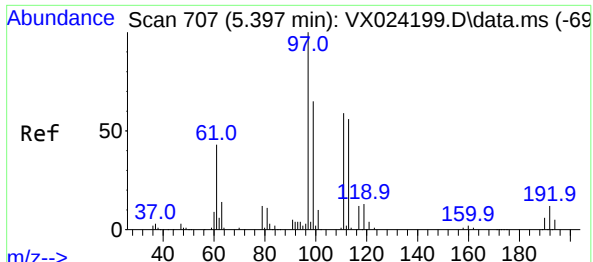


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion:114 Resp: 251526
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.3 0.0 32.8

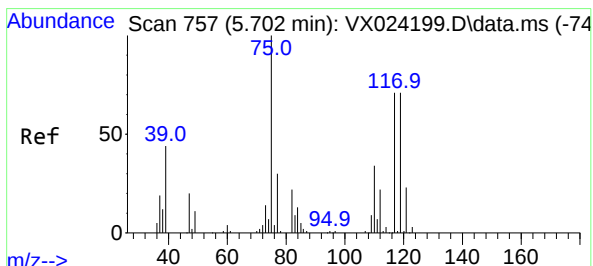
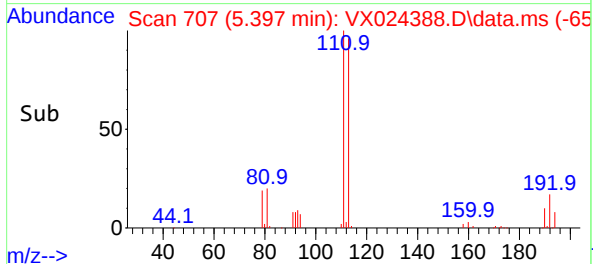
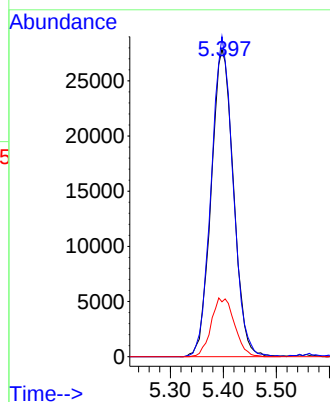
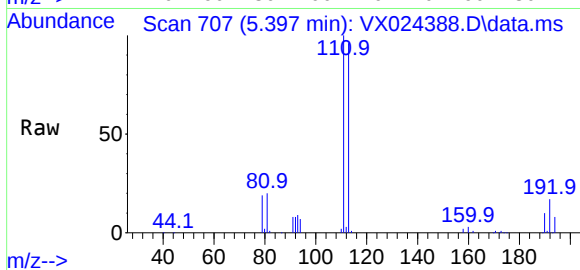




#35
Dibromofluoromethane
Concen: 48.249 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

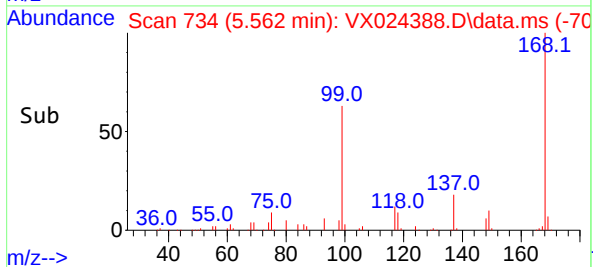
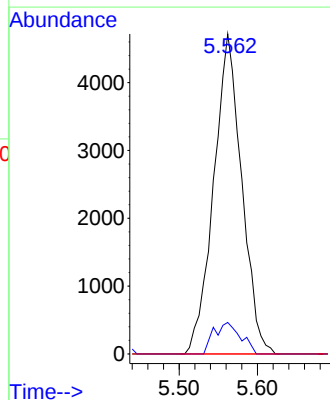
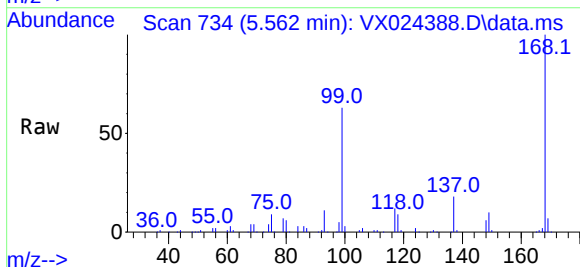
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

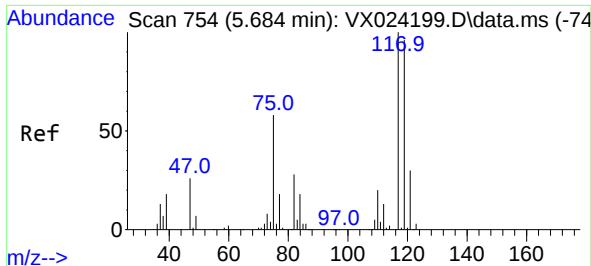
Tgt Ion:	113	Resp:	81388
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.9	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.070 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion:	75	Resp:	11724
Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.1	54.4#
77	0.0	25.3	37.9#

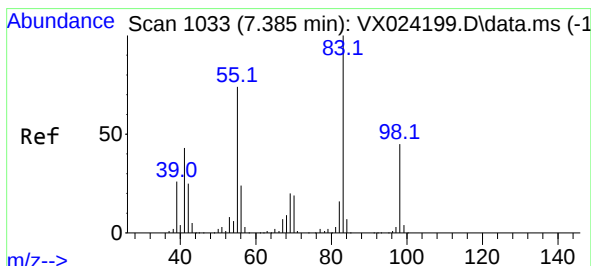
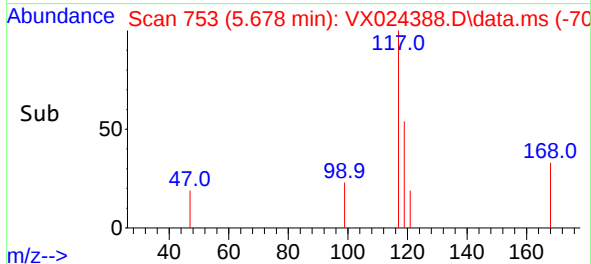
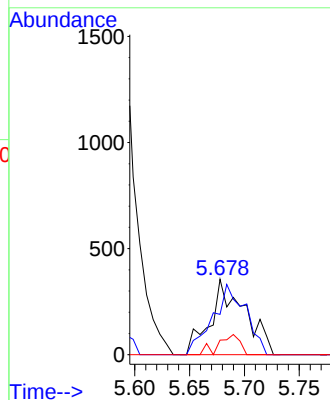
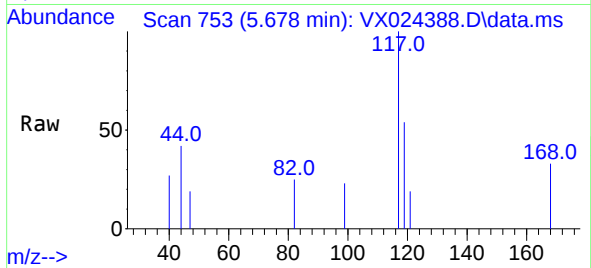




#38
Carbon Tetrachloride
Concen: 0.300 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

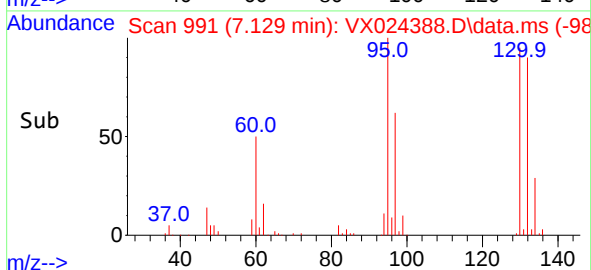
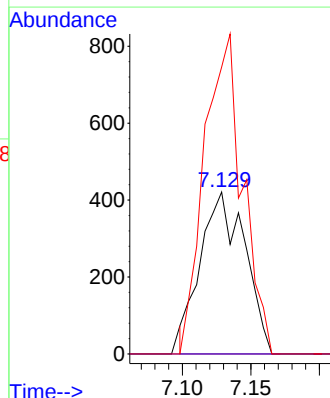
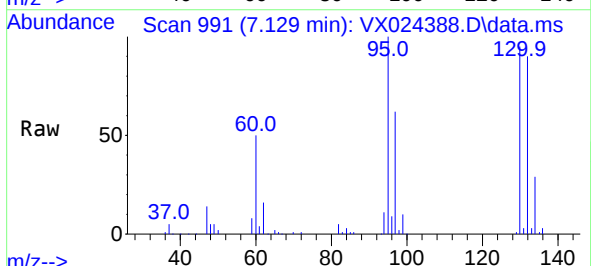
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

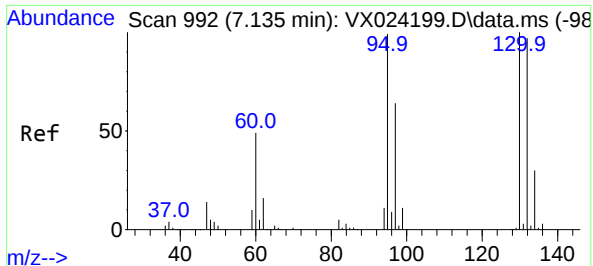
Tgt Ion:117 Resp: 781
Ion Ratio Lower Upper
117 100
119 53.5 76.2 114.2#
121 19.4 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.342 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 83 Resp: 944
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 177.2 38.1 57.1#

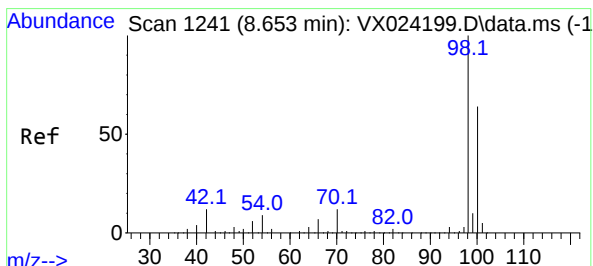
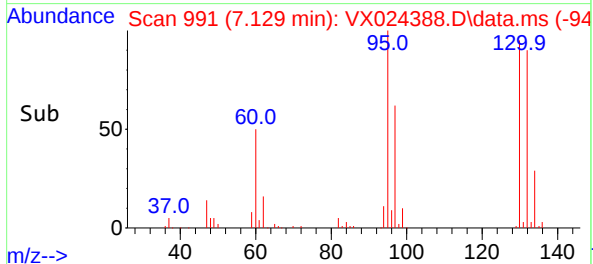
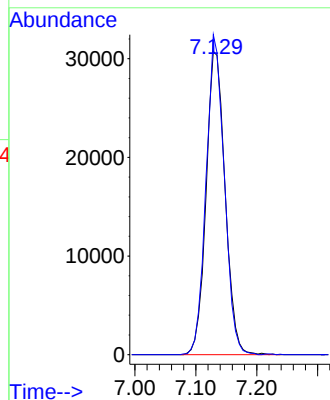
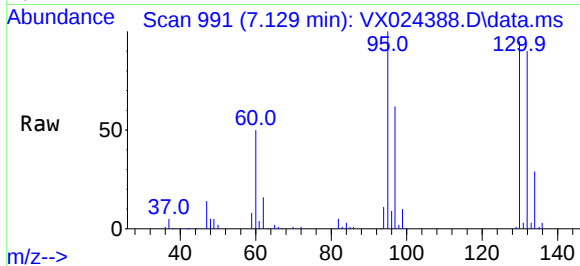




#44
Trichloroethene
Concen: 35.747 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

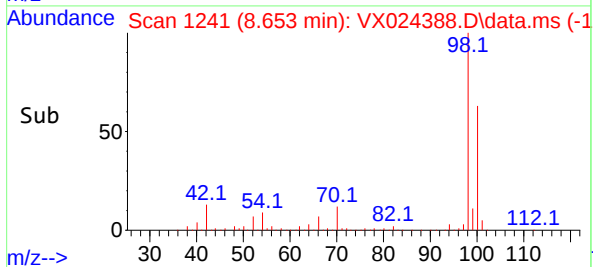
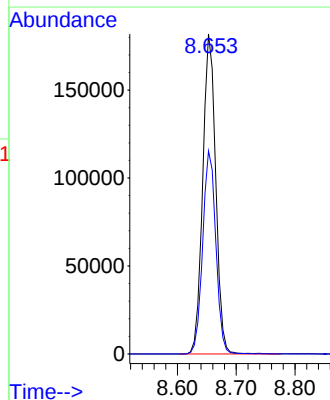
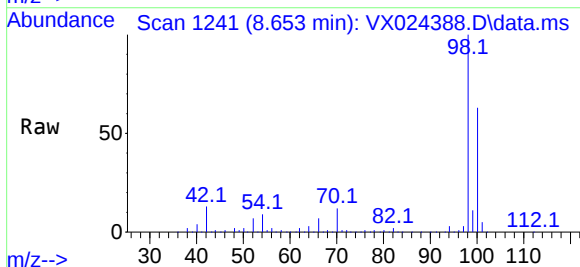
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

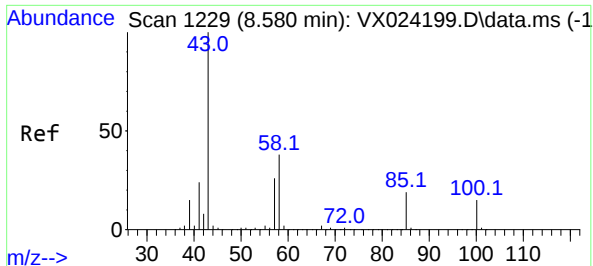
Tgt Ion:130 Resp: 66616
Ion Ratio Lower Upper
130 100
95 105.5 0.0 198.0



#50
Toluene-d8
Concen: 45.428 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 98 Resp: 279161
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9

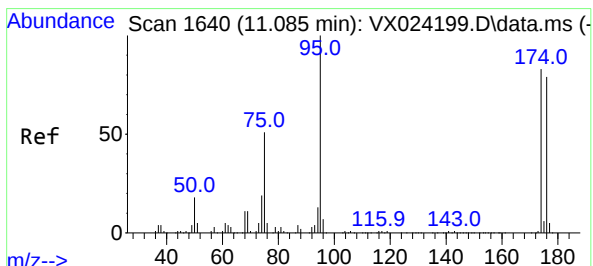
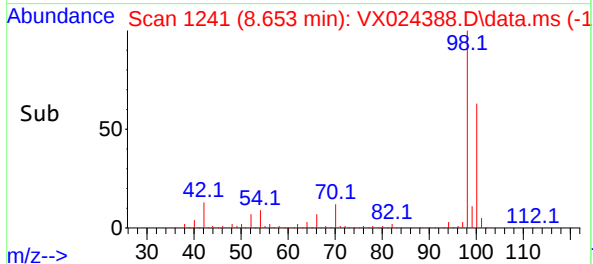
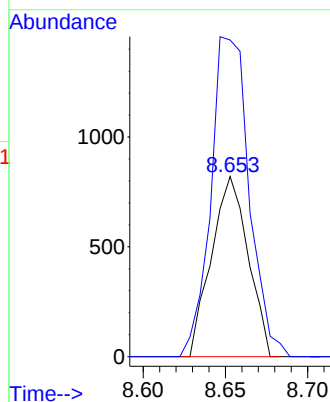
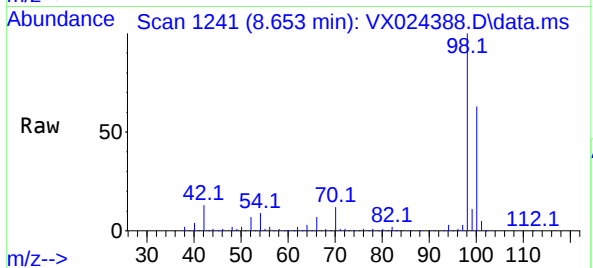




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

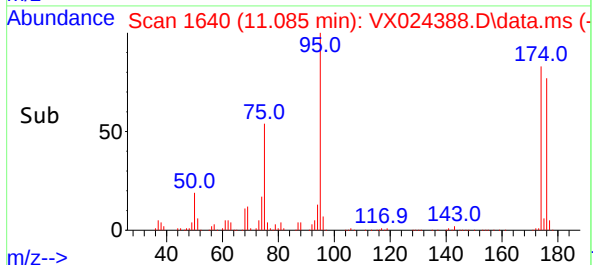
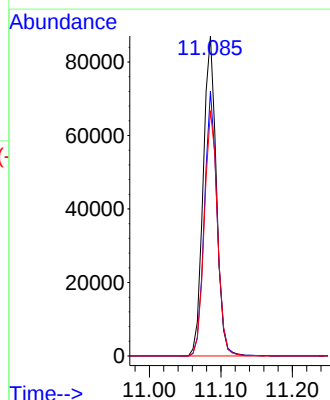
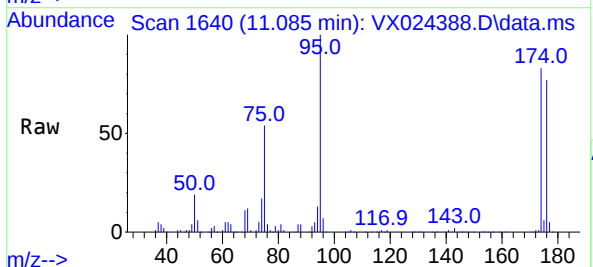
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

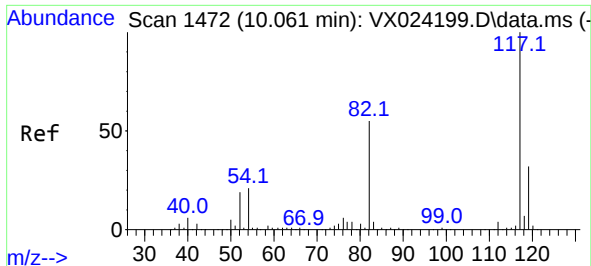
Tgt Ion: 43 Resp: 1270
Ion Ratio Lower Upper
43 100
58 186.0 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.369 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 95 Resp: 110890
Ion Ratio Lower Upper
95 100
174 80.0 0.0 154.6
176 76.8 0.0 155.8

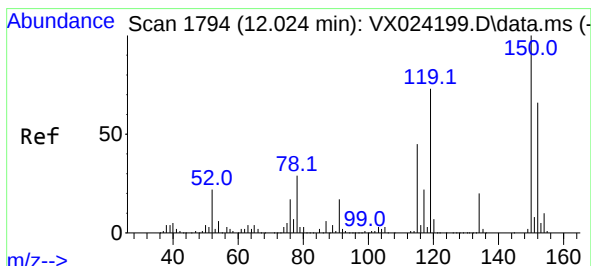
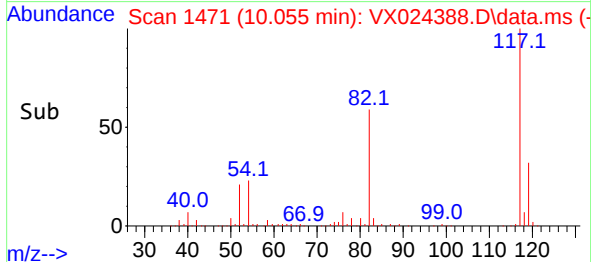
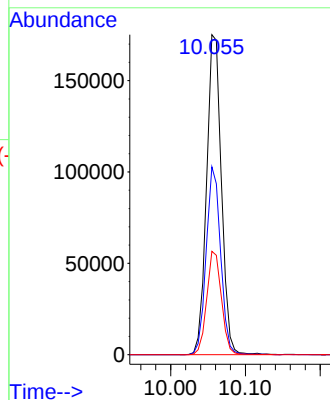
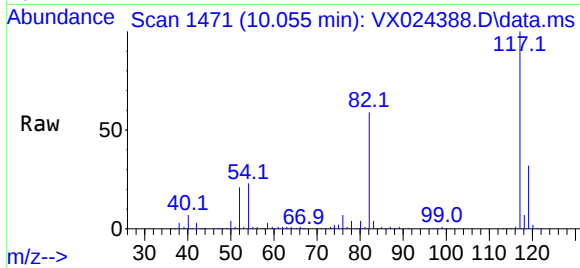




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

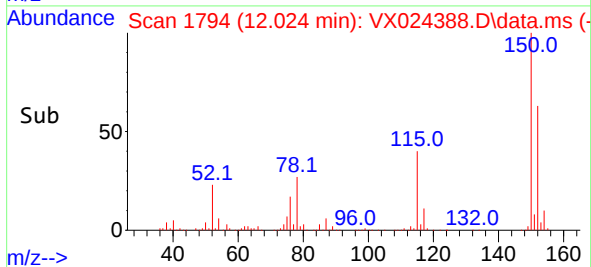
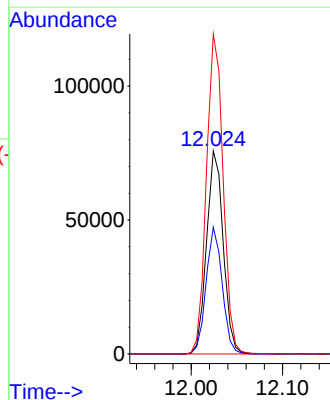
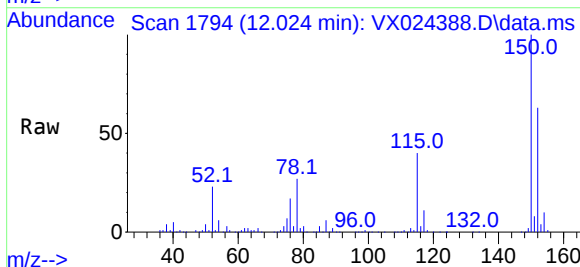
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

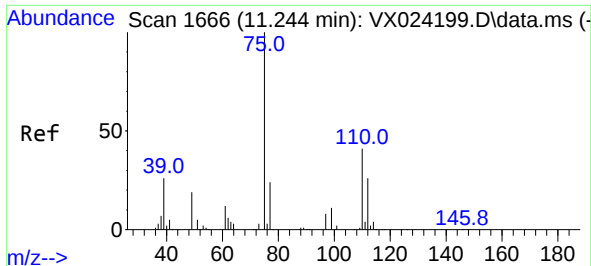
Tgt Ion:117 Resp: 241278
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion:152 Resp: 95579
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 157.8 0.0 349.0

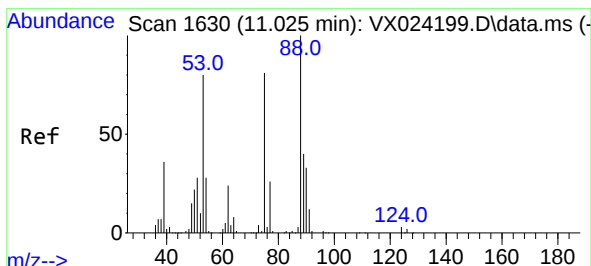
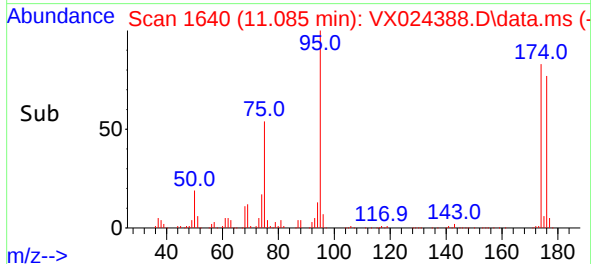
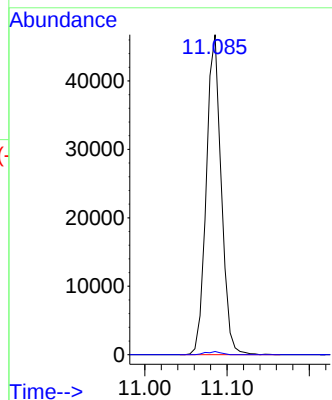
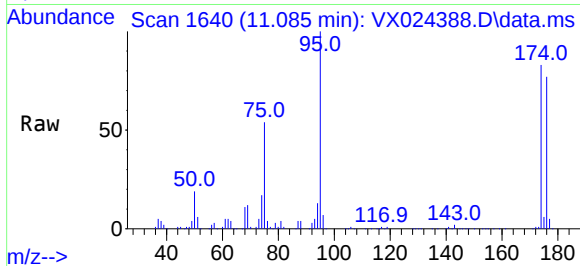




#76
1,2,3-Trichloropropane
Concen: 26.798 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

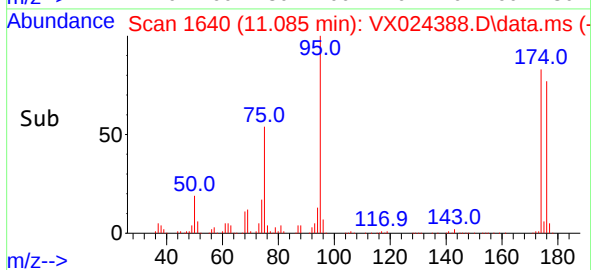
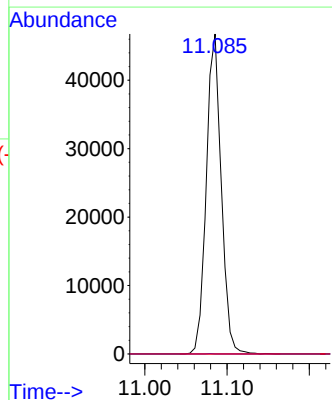
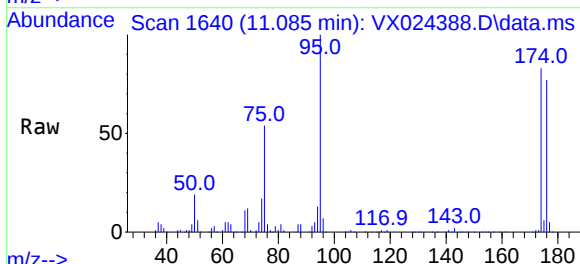
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

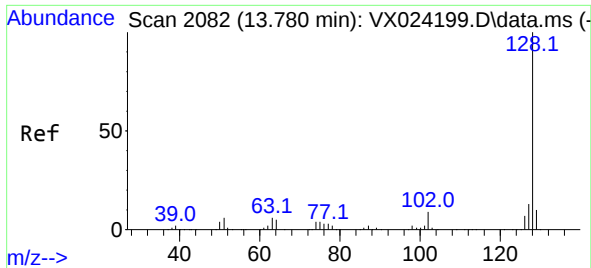
Tgt Ion: 75 Resp: 58895
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.813 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Tgt Ion: 75 Resp: 58895
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.299 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024388.D
Acq: 21 Sep 2021 16:01

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20210915DL

Tgt Ion:128 Resp: 81
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

