

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024480.D
 Acq On : 24 Sep 2021 04:15
 Operator : JC/MD
 Sample : M3829-10 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20210917

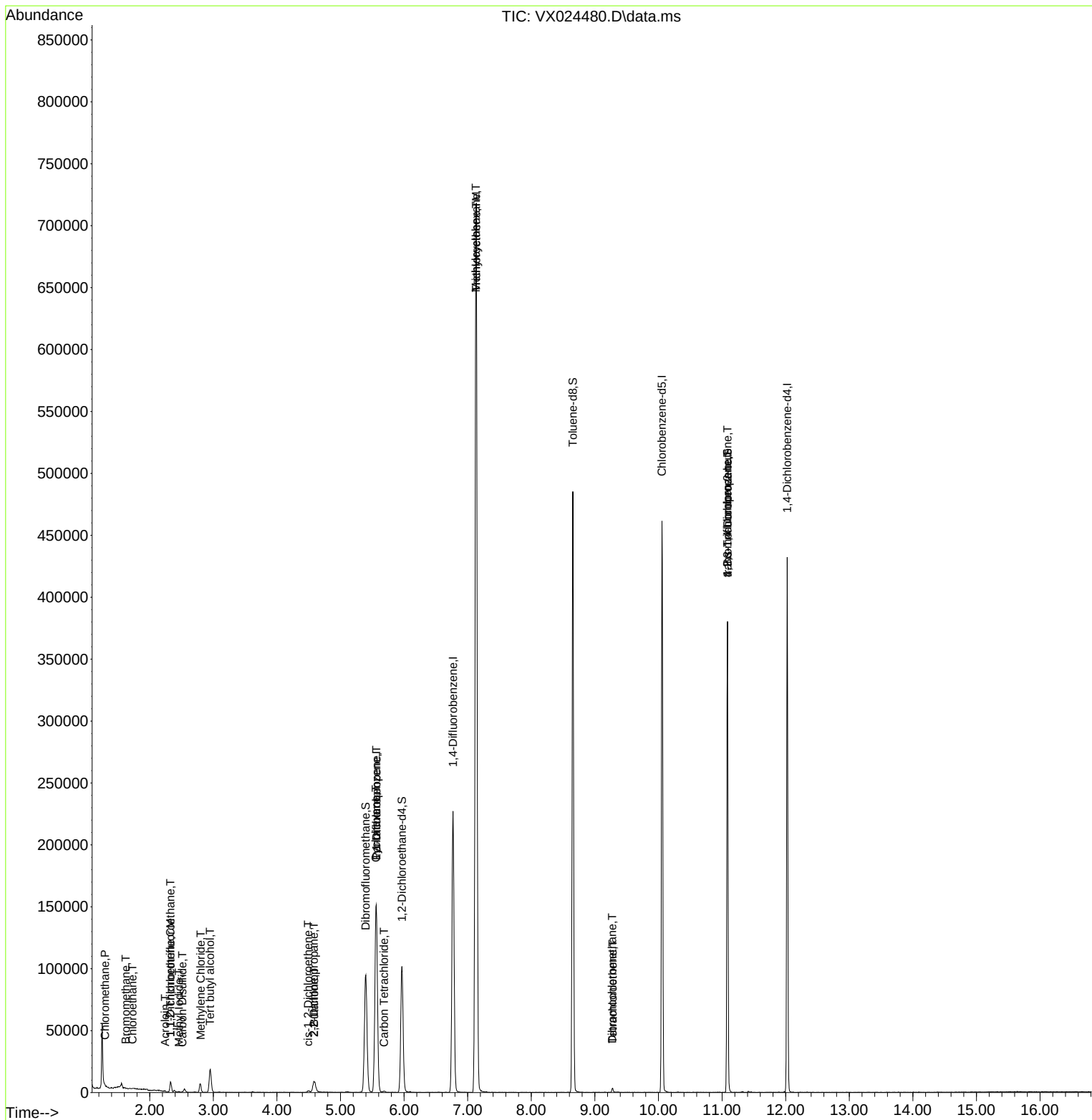
Quant Time: Sep 24 07:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

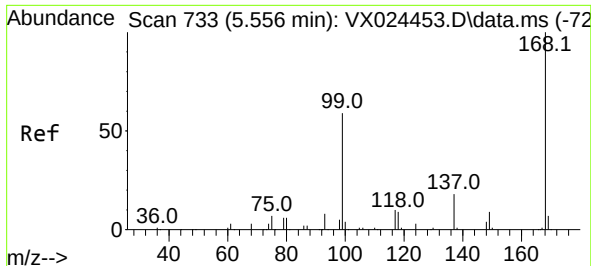
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	142297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86770	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101027	50.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.740%	
35) Dibromofluoromethane	5.397	113	82919	56.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.320%	
50) Toluene-d8	8.653	98	277022	50.975	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.940%	
62) 4-Bromofluorobenzene	11.085	95	95234	44.570	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.140%	
Target Compounds						Qvalue
3) Chloromethane	1.294	50	386	0.286	ug/l	98
5) Bromomethane	1.624	94	232	0.244	ug/l	83
6) Chloroethane	1.727	64	473	0.759	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	2251	1.602	ug/l	92
10) Methyl Iodide	2.459	142	526	0.268	ug/l #	85
11) Tert butyl alcohol	2.946	59	10959	11.708	ug/l #	76
12) 1,1-Dichloroethene	2.325	96	864	0.662	ug/l	96
13) Acrolein	2.239	56	46	10.465	ug/l #	14
16) Acetone	2.386	43	1571	Below Cal		92
17) Carbon Disulfide	2.514	76	590	0.402	ug/l #	75
20) Methylene Chloride	2.800	84	3069	0.922	ug/l	87
25) 2-Butanone	4.586	43	318	0.230	ug/l #	45
26) 2,2-Dichloropropane	4.580	77	770	0.316	ug/l #	52
27) cis-1,2-Dichloroethene	4.489	96	758	0.438	ug/l	89
31) Cyclohexane	5.556	56	3072	1.279	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11385	5.343	ug/l #	48
38) Carbon Tetrachloride	5.684	117	786	0.339	ug/l #	84
39) Methylcyclohexane	7.129	83	3268	1.310	ug/l #	1
44) Trichloroethene	7.135	130	277268	165.398	ug/l	100
60) Dibromochloromethane	9.275	129	550	1.478	ug/l #	11
64) Tetrachloroethene	9.281	164	500	0.349	ug/l #	81
76) 1,2,3-Trichloropropane	11.085	75	50491	25.624	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50491	69.826	ug/l #	12

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

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Quant Title : SW846 8260
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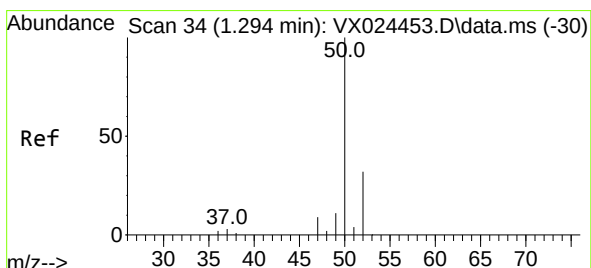
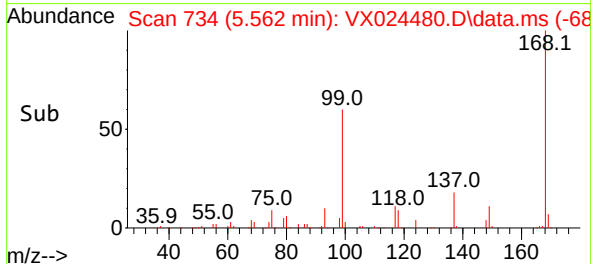
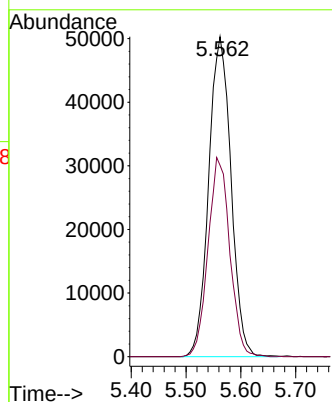
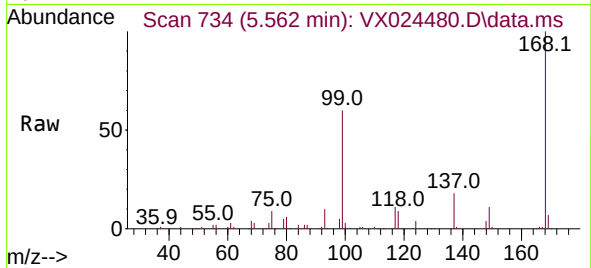




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

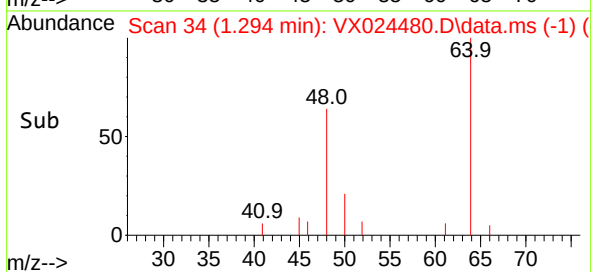
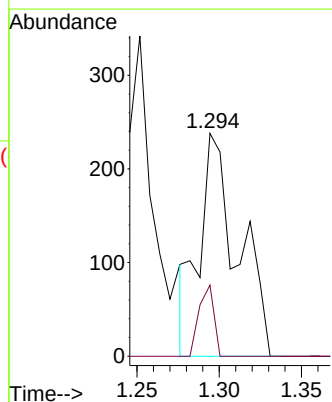
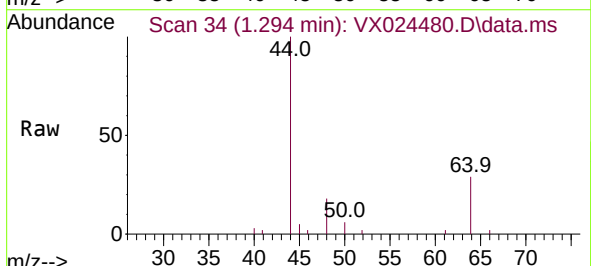
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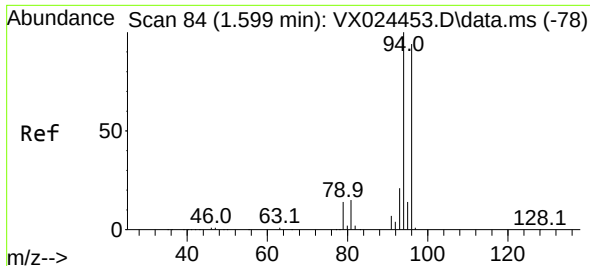
Tgt Ion:168 Resp: 142297
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 31.9 26.4 39.6

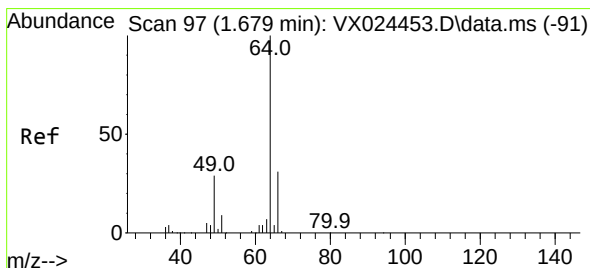
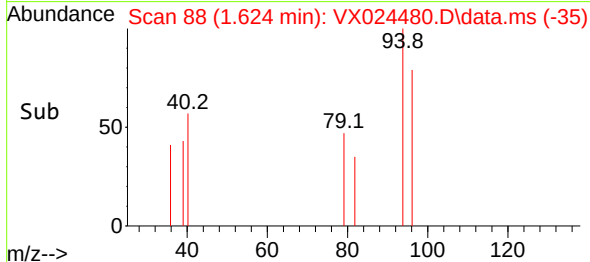
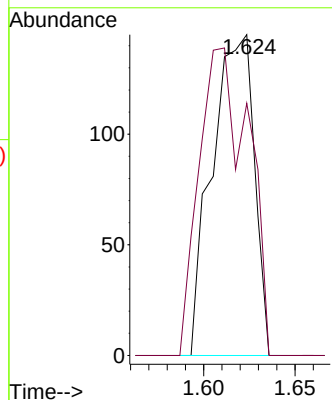
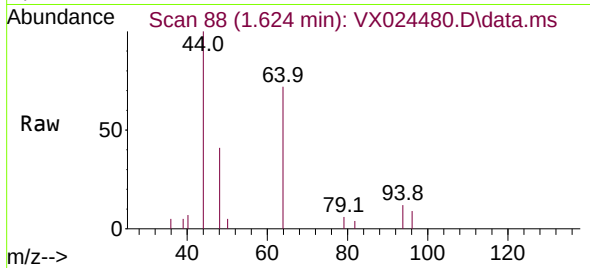




#5
Bromomethane
Concen: 0.244 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

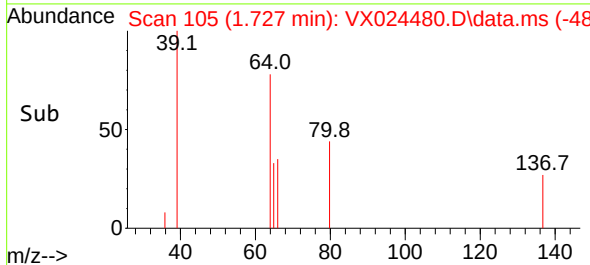
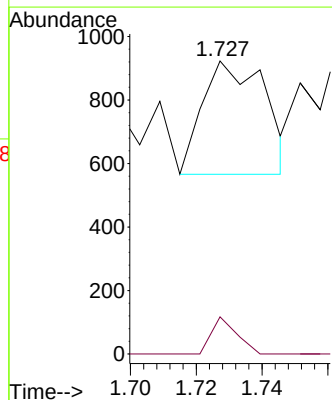
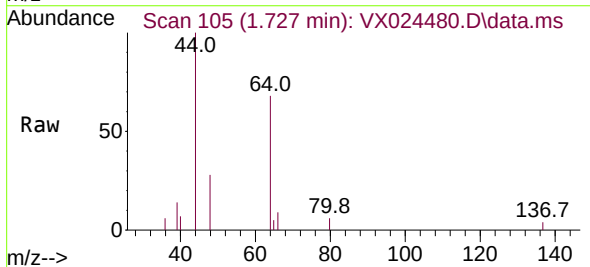
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ClientSampleId :
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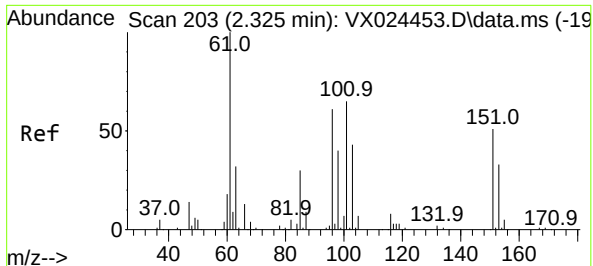
Tgt Ion: 94 Resp: 232
Ion Ratio Lower Upper
94 100
96 78.6 76.4 114.6



#6
Chloroethane
Concen: 0.759 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.048 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 64 Resp: 473
Ion Ratio Lower Upper
64 100
66 32.8 25.4 38.0

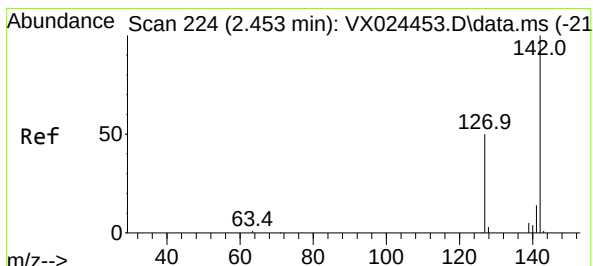
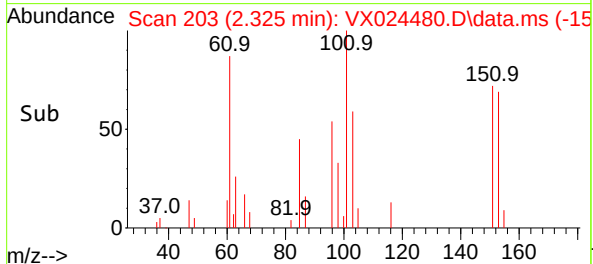
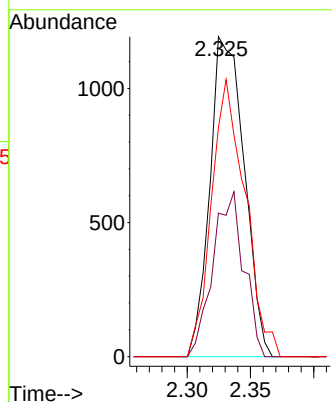
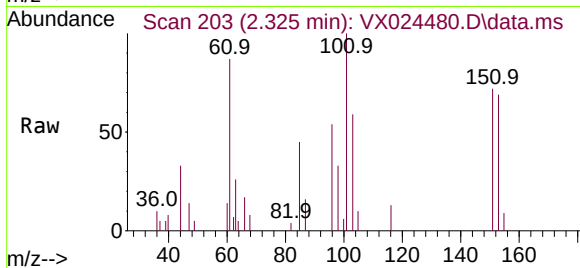




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.602 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

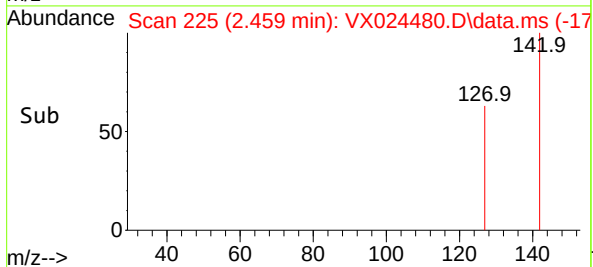
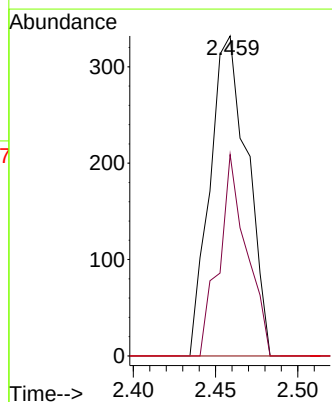
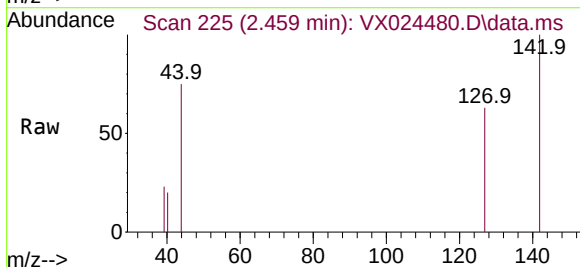
Instrument :
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ClientSampleId :
RE105D2-20210917

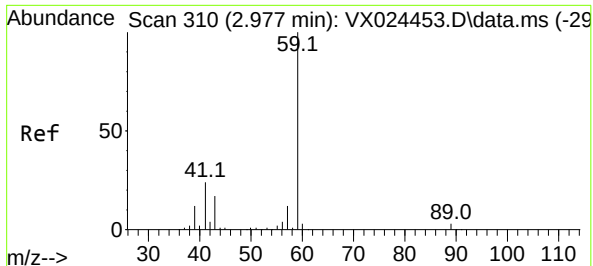
Tgt Ion:101 Resp: 2251
Ion Ratio Lower Upper
101 100
85 46.6 34.9 52.3
151 85.0 61.4 92.2



#10
Methyl Iodide
Concen: 0.268 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion:142 Resp: 526
Ion Ratio Lower Upper
142 100
127 46.4 33.3 49.9
141 0.0 11.4 17.0#

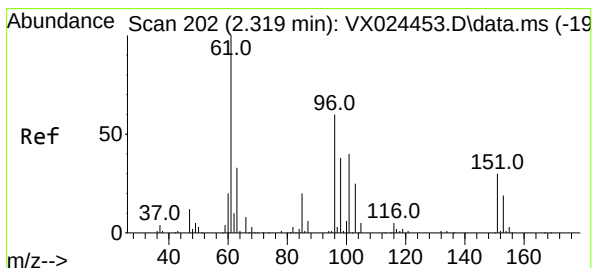
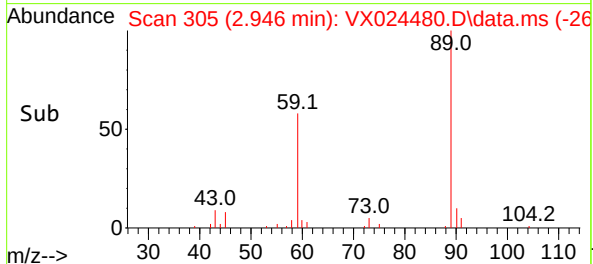
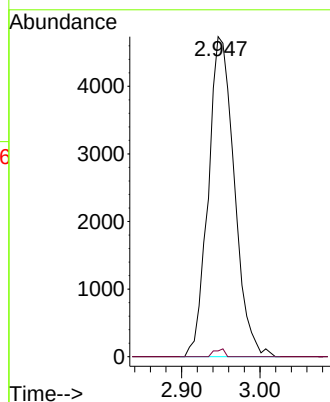
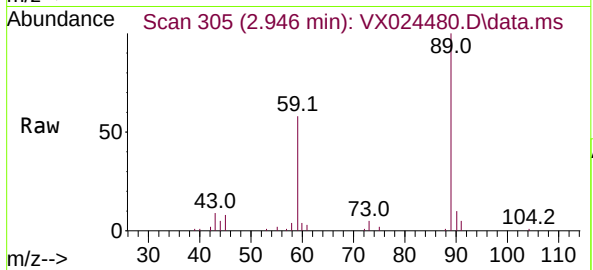




#11
Tert butyl alcohol
Concen: 11.708 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

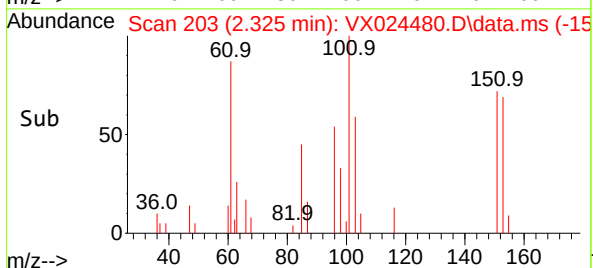
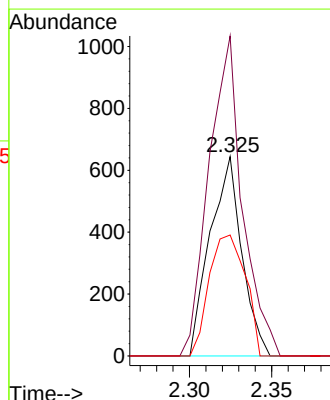
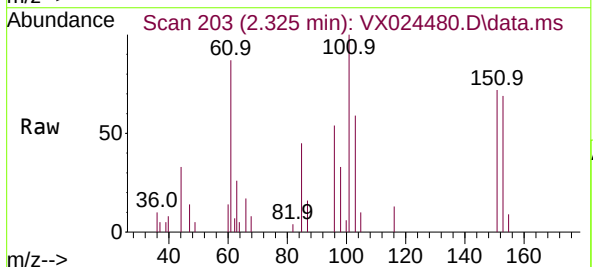
Instrument :
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ClientSampleId :
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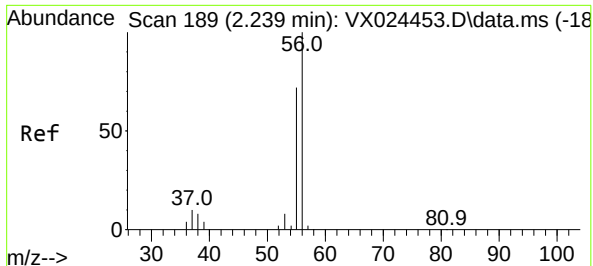
Tgt Ion: 59 Resp: 10959
Ion Ratio Lower Upper
59 100
57 1.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.662 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 96 Resp: 864
Ion Ratio Lower Upper
96 100
61 160.6 124.6 187.0
98 60.7 50.6 76.0

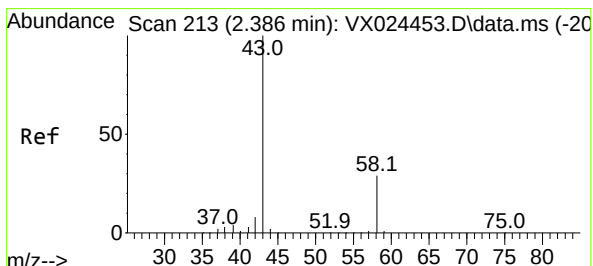
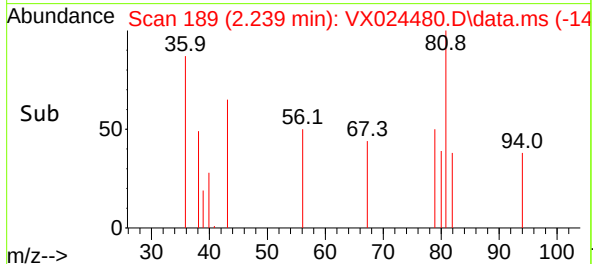
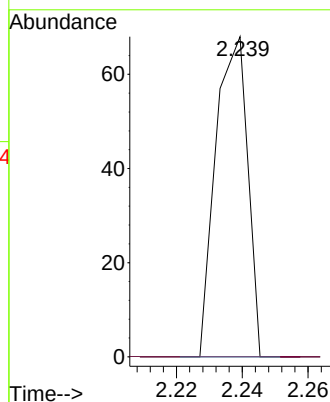
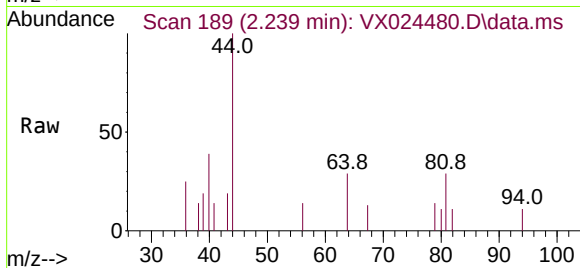




#13
Acrolein
Concen: 10.465 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

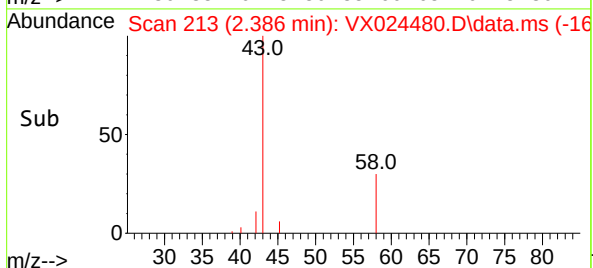
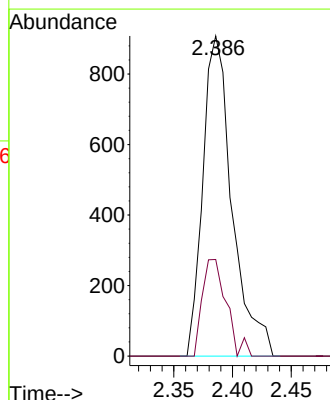
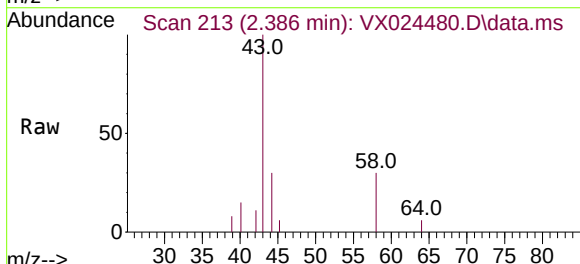
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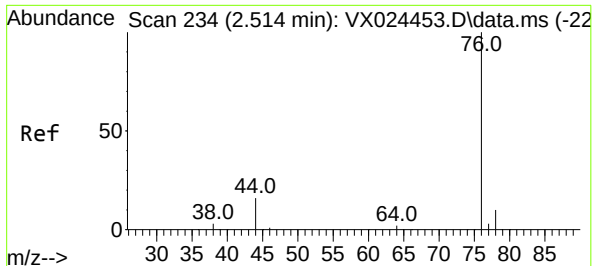
Tgt Ion: 56 Resp: 46
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8

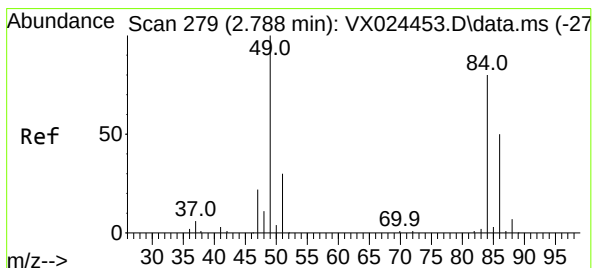
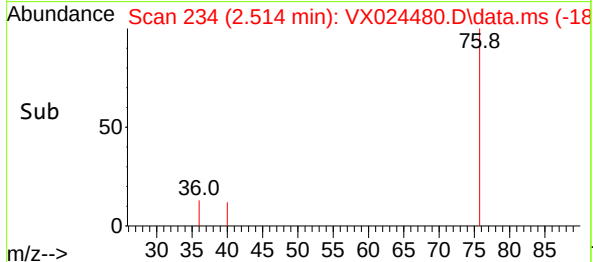
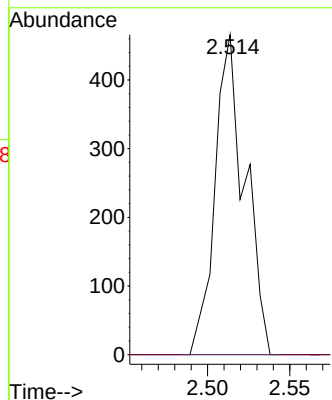
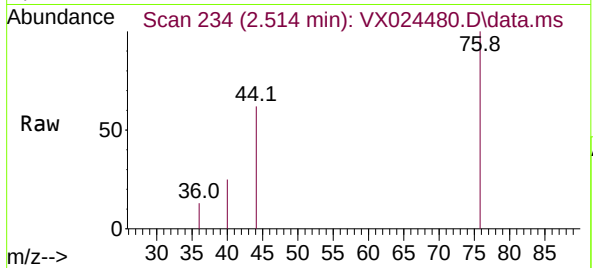




#17
Carbon Disulfide
Concen: 0.402 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

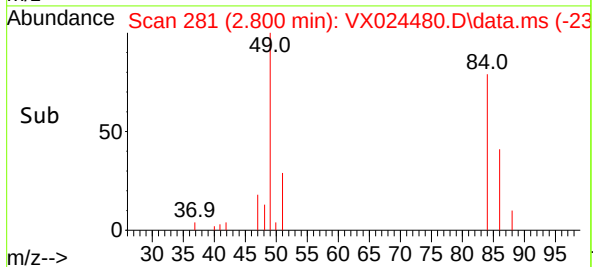
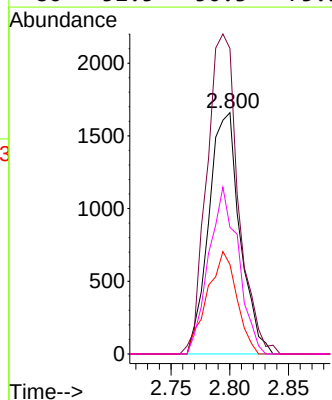
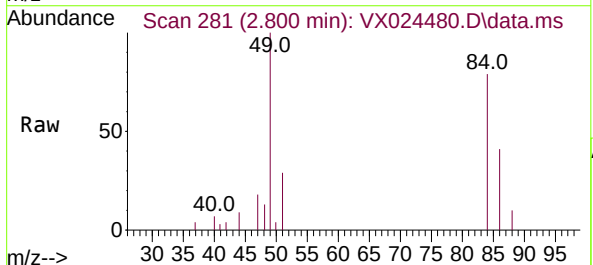
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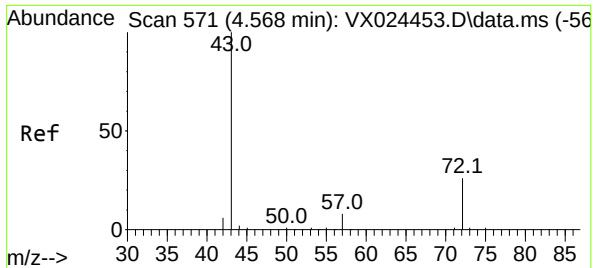
Tgt Ion: 76 Resp: 590
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.922 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 84 Resp: 3069
Ion Ratio Lower Upper
84 100
49 126.6 88.6 132.8
51 37.0 27.0 40.6
86 52.5 50.3 75.5

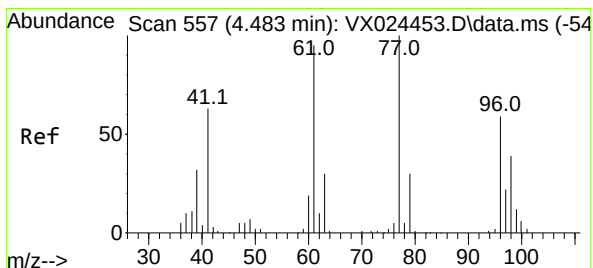
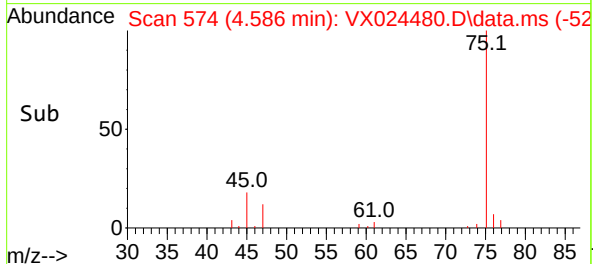
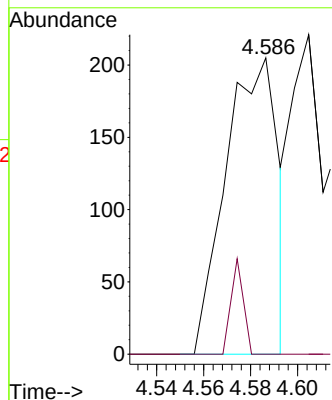
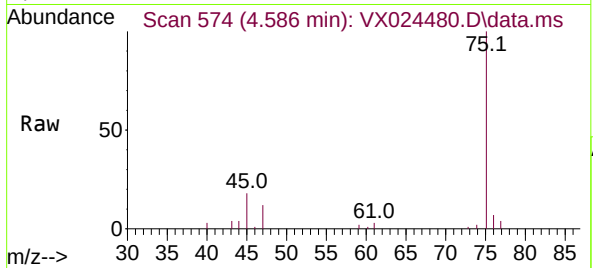




#25
2-Butanone
Concen: 0.230 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

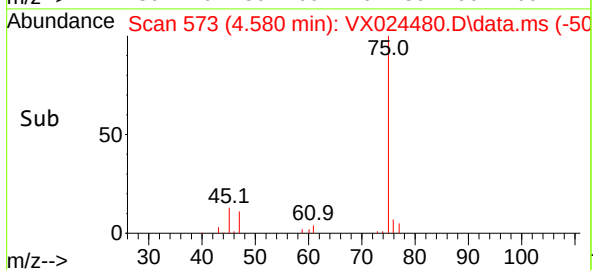
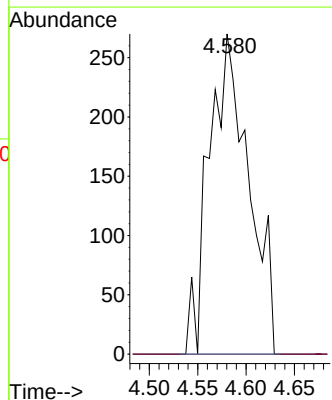
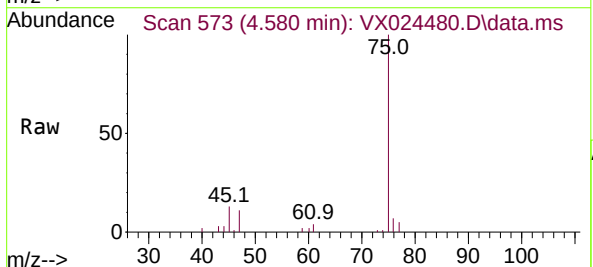
Instrument :
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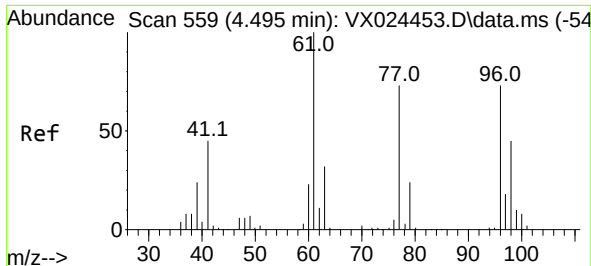
Tgt Ion: 43 Resp: 318
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#26
2,2-Dichloropropane
Concen: 0.316 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.097 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 77 Resp: 770
Ion Ratio Lower Upper
77 100
97 0.0 11.7 35.1#





#27

cis-1,2-Dichloroethene

Concen: 0.438 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX024480.D

Acq: 24 Sep 2021 04:15

Tgt Ion: 96 Resp: 758

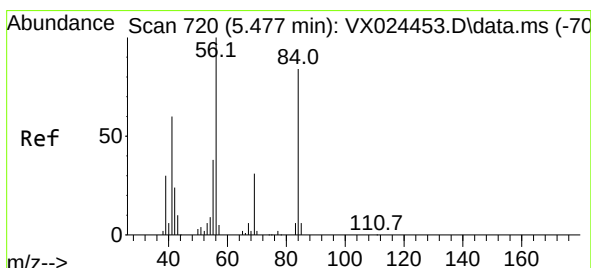
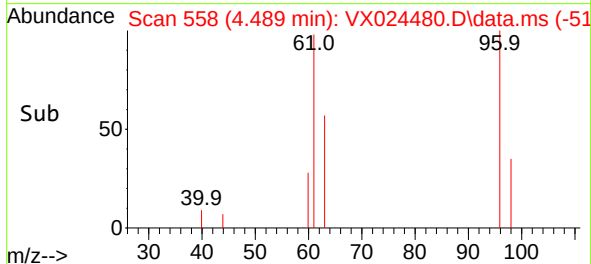
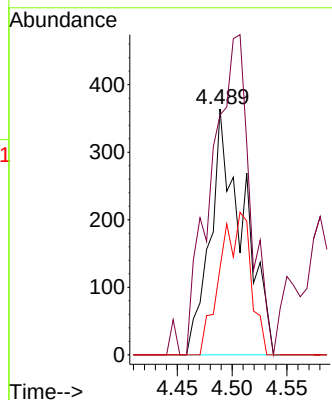
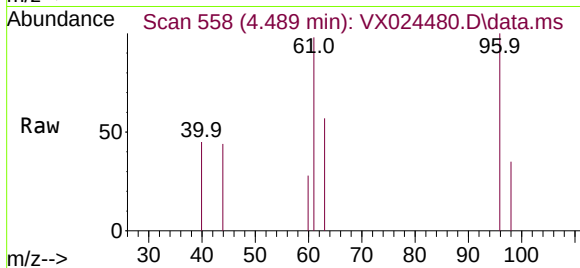
Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	285.6
98	54.0	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE105D2-20210917



#31

Cyclohexane

Concen: 1.279 ug/l

RT: 5.556 min Scan# 733

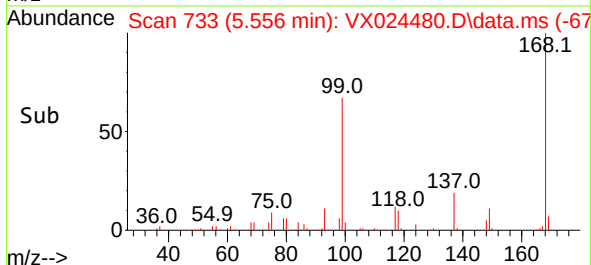
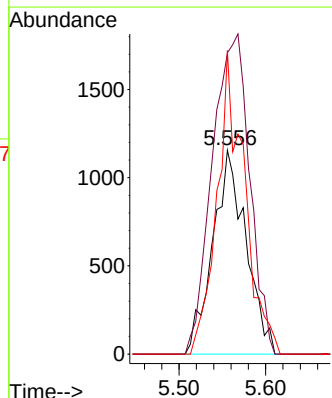
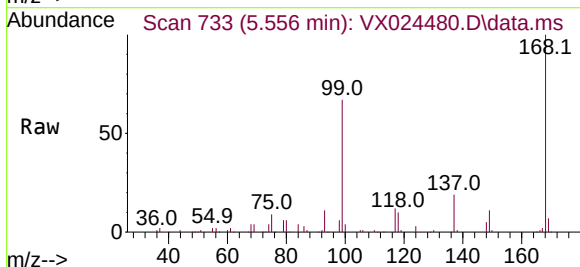
Delta R.T. 0.079 min

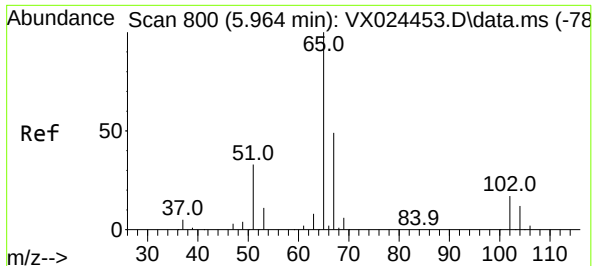
Lab File: VX024480.D

Acq: 24 Sep 2021 04:15

Tgt Ion: 56 Resp: 3072

Ion	Ratio	Lower	Upper
56	100		
69	147.9	25.3	37.9#
84	149.0	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.375 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

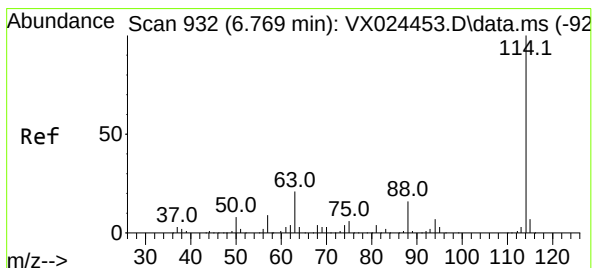
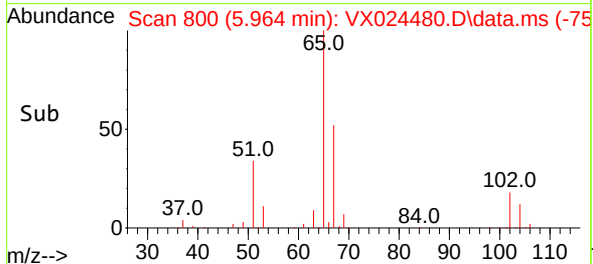
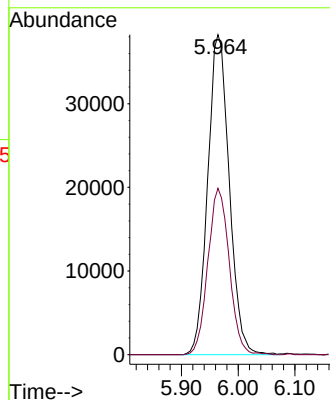
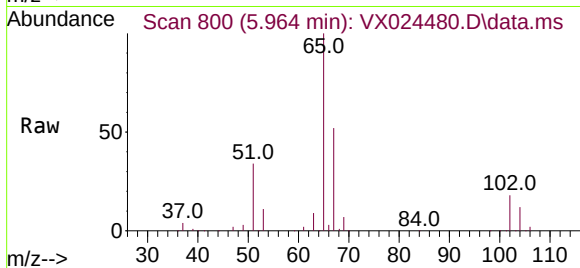
Lab File: VX024480.D

Acq: 24 Sep 2021 04:15

Tgt Ion: 65 Resp: 101027

Ion Ratio Lower Upper

65	100		
67	51.5	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

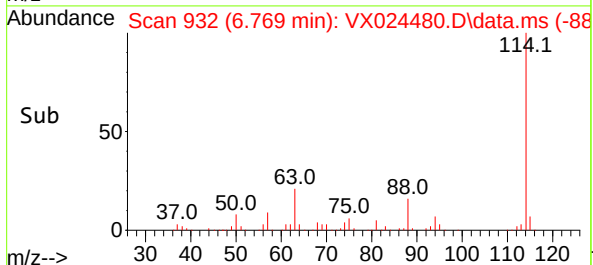
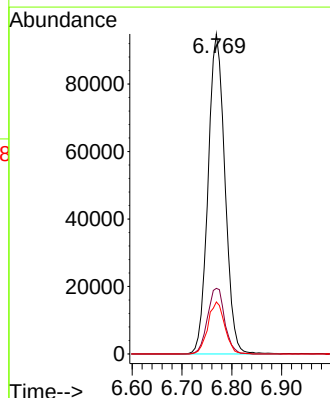
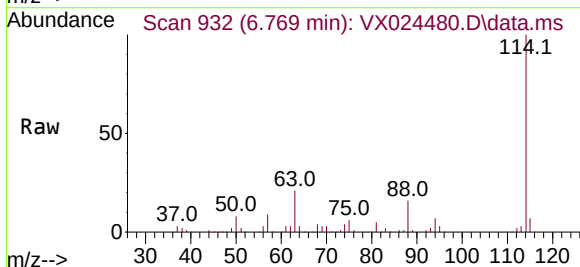
Lab File: VX024480.D

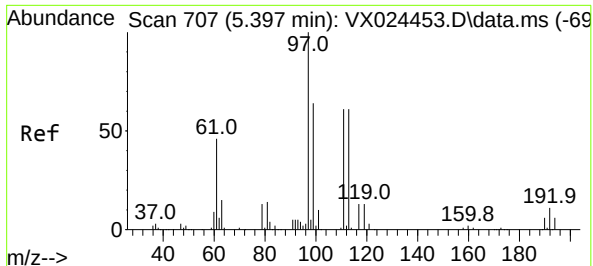
Acq: 24 Sep 2021 04:15

Tgt Ion: 114 Resp: 222264

Ion Ratio Lower Upper

114	100		
63	20.5	0.0	40.8
88	16.3	0.0	32.8





#35

Dibromofluoromethane

Concen: 56.157 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024480.D

Acq: 24 Sep 2021 04:15

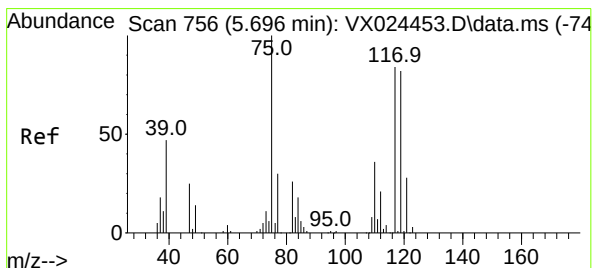
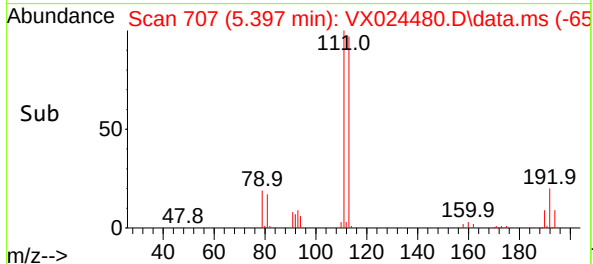
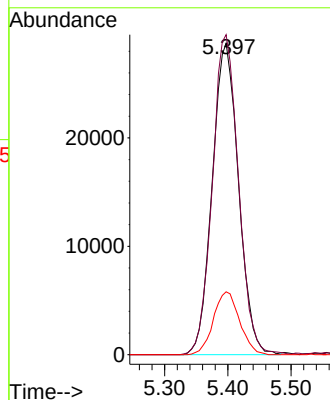
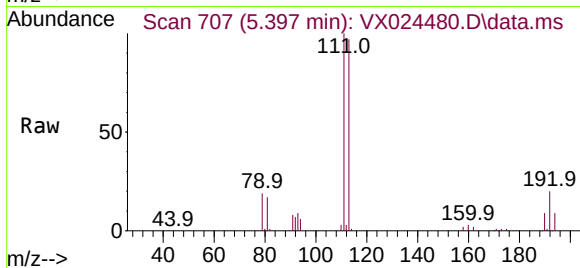
Tgt Ion:113 Resp: 82919

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 20.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.343 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024480.D

Acq: 24 Sep 2021 04:15

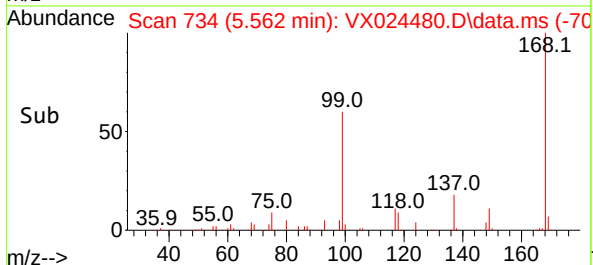
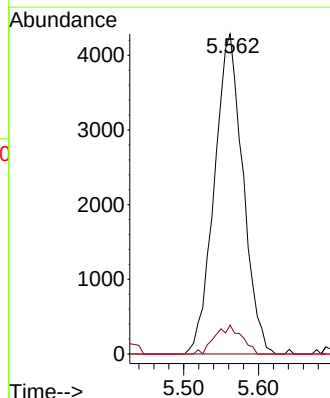
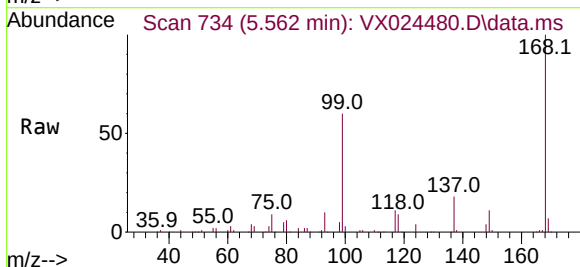
Tgt Ion: 75 Resp: 11385

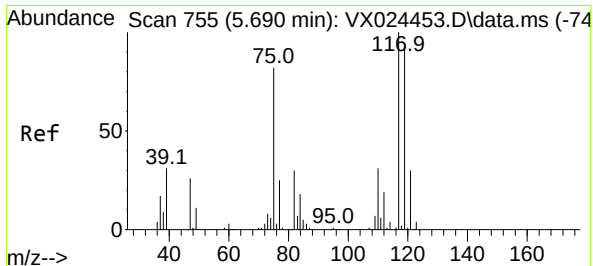
Ion Ratio Lower Upper

75 100

110 8.4 18.1 54.4#

77 0.0 25.3 37.9#

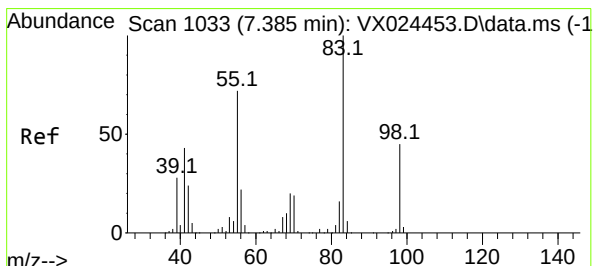
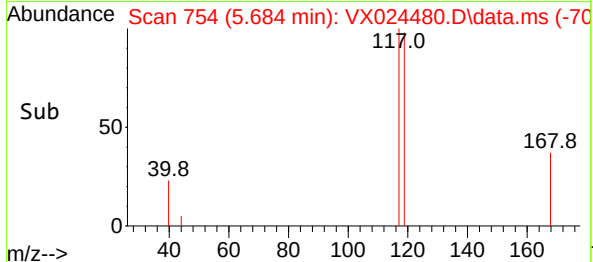
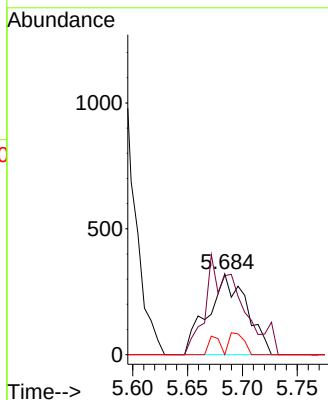
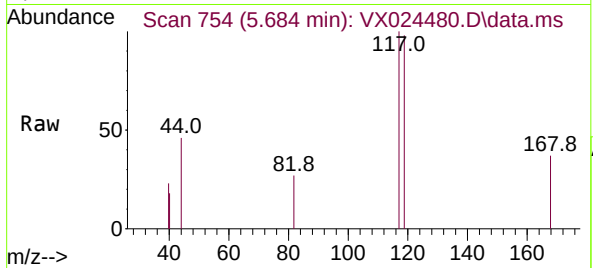




#38
Carbon Tetrachloride
Concen: 0.339 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

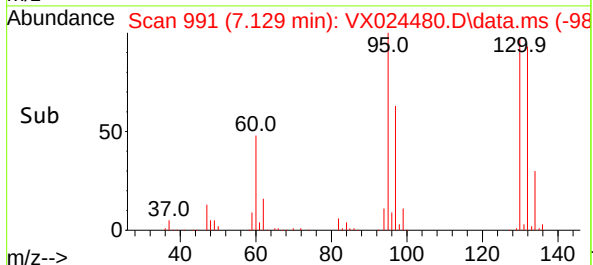
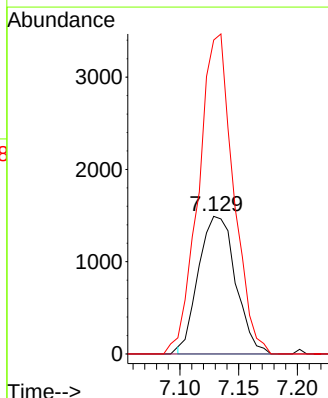
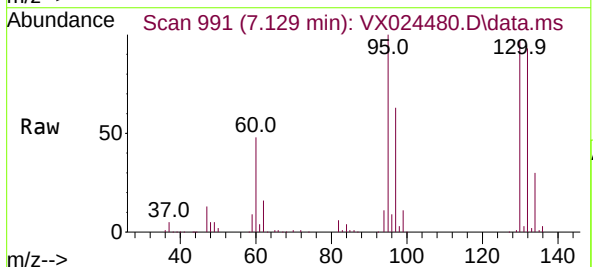
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210917

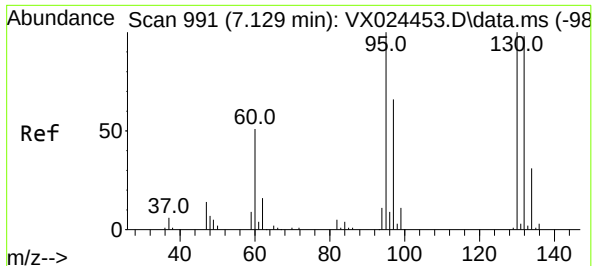
Tgt Ion:117 Resp: 786
Ion Ratio Lower Upper
117 100
119 97.8 76.2 114.2
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 1.310 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 83 Resp: 3268
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 228.1 38.1 57.1#

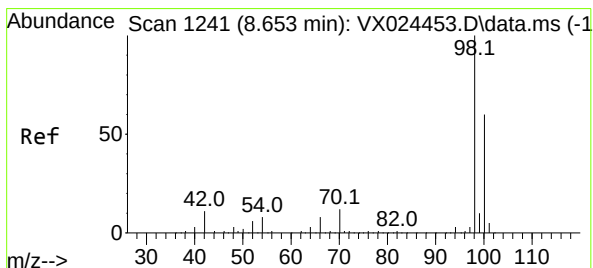
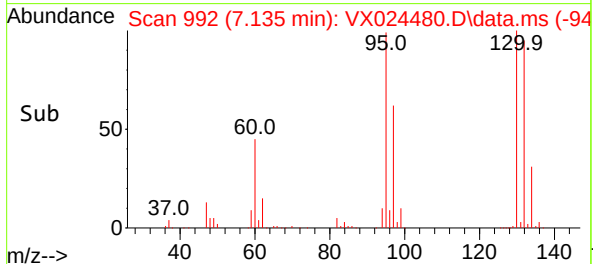
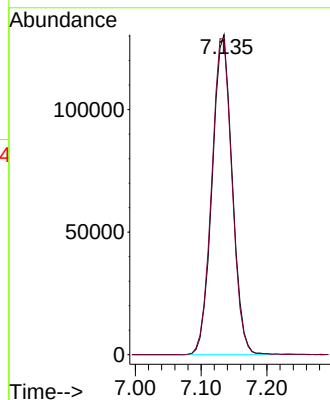
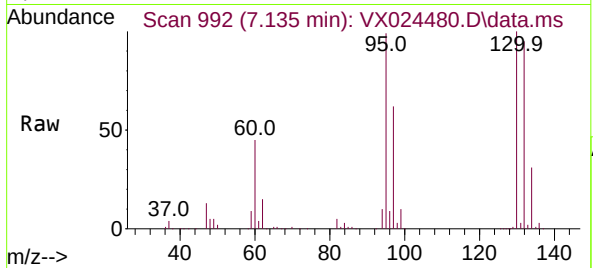




#44
Trichloroethene
Concen: 165.398 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

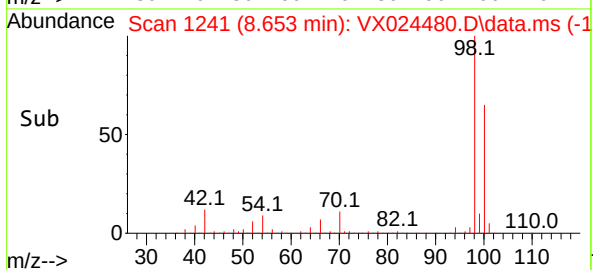
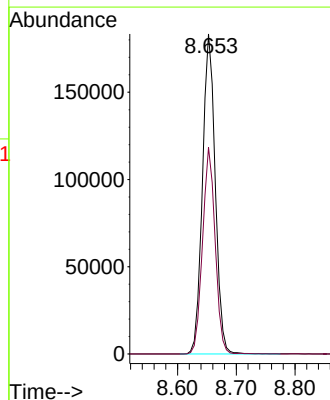
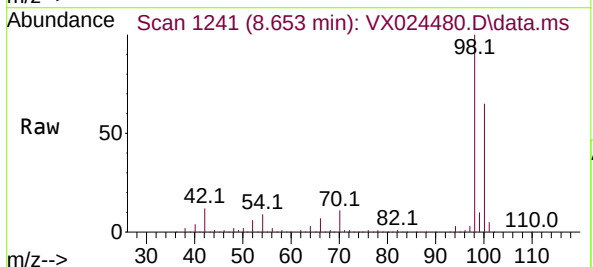
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210917

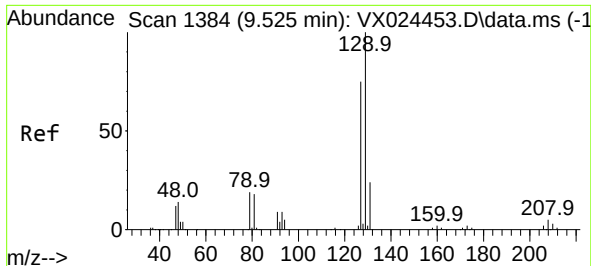
Tgt Ion:130 Resp: 277268
Ion Ratio Lower Upper
130 100
95 98.6 0.0 198.0



#50
Toluene-d8
Concen: 50.975 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 98 Resp: 277022
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

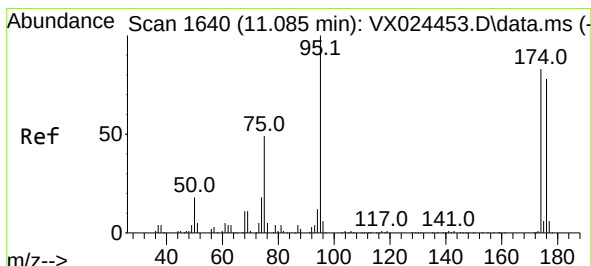
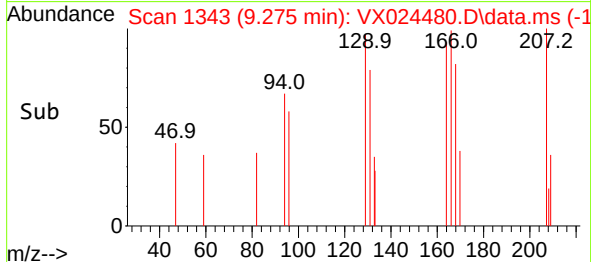
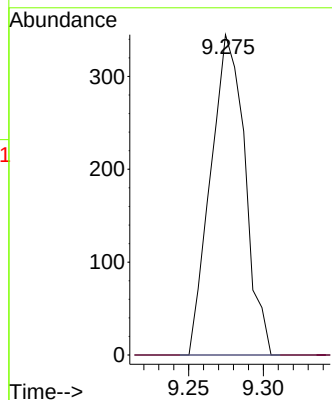
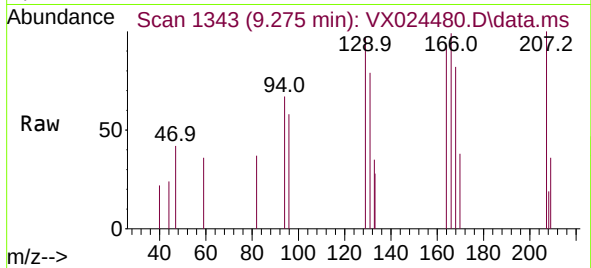




#60
Dibromochloromethane
Concen: 1.478 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

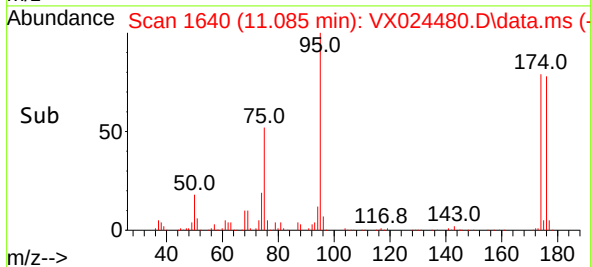
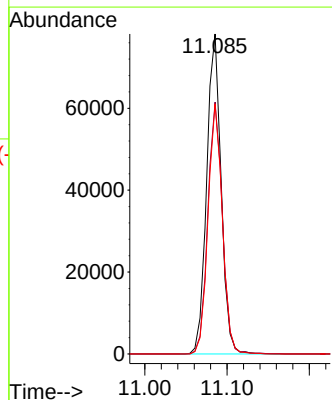
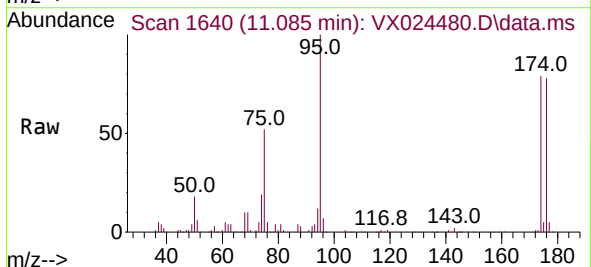
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210917

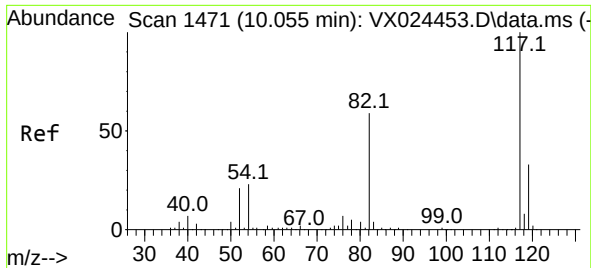
Tgt Ion:129 Resp: 550
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.570 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion: 95 Resp: 95234
Ion Ratio Lower Upper
95 100
174 79.4 0.0 154.6
176 77.3 0.0 155.8

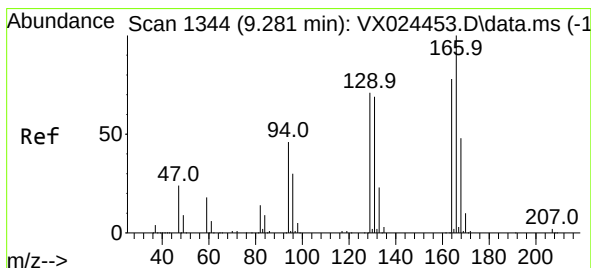
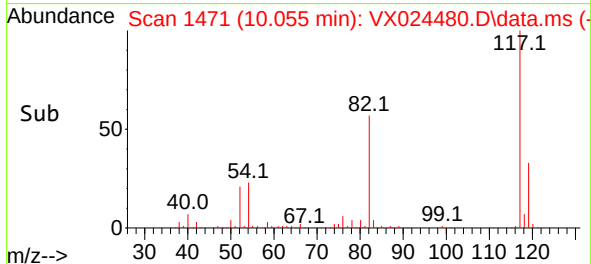
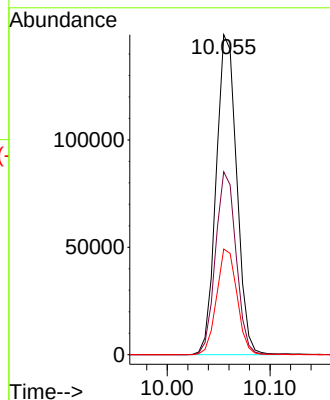
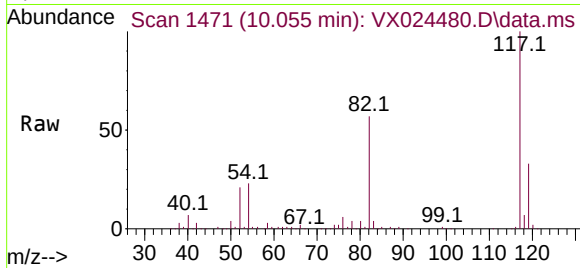




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

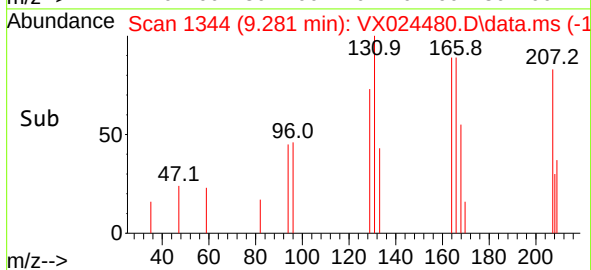
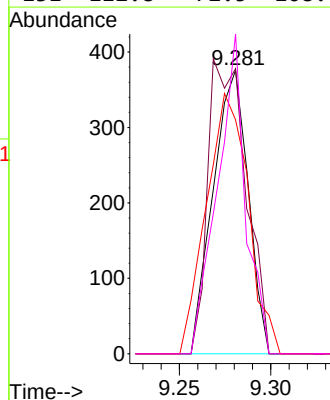
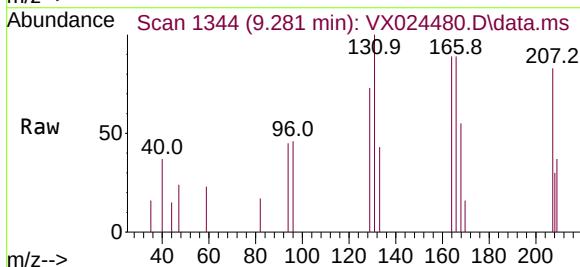
Instrument :
MSVOA_X
ClientSampleId :
RE105D2-20210917

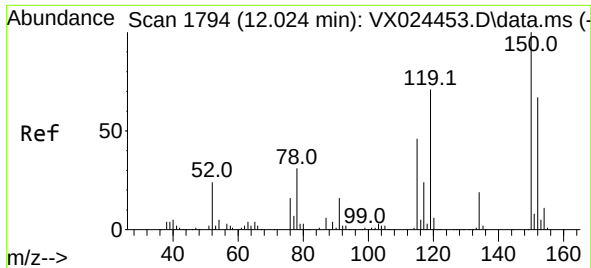
Tgt Ion:117 Resp: 206925
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 33.0 26.6 39.8



#64
Tetrachloroethene
Concen: 0.349 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024480.D
Acq: 24 Sep 2021 04:15

Tgt Ion:164 Resp: 500
Ion Ratio Lower Upper
164 100
166 100.5 103.4 155.2#
129 82.4 70.8 106.2
131 112.8 72.5 108.7#

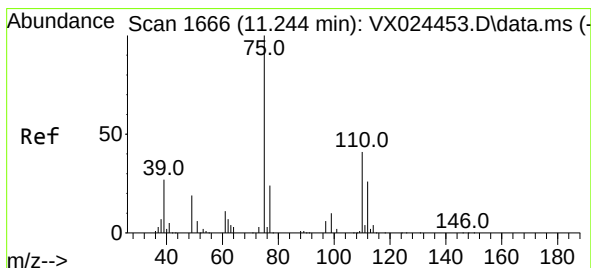
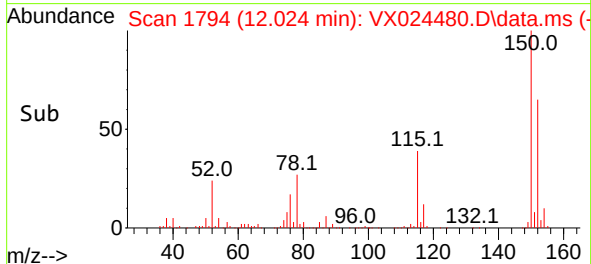
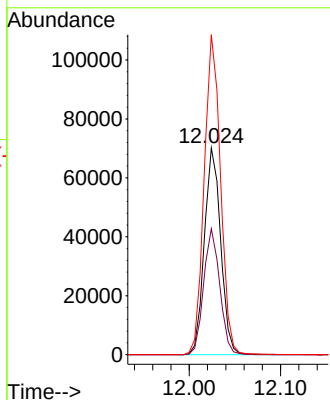
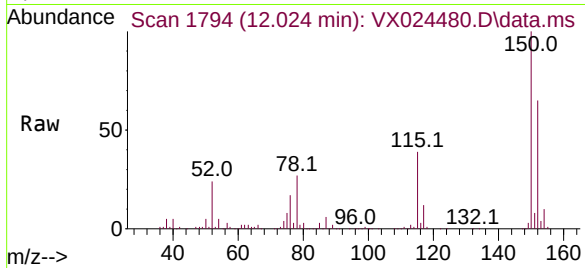




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024480.D
 Acq: 24 Sep 2021 04:15

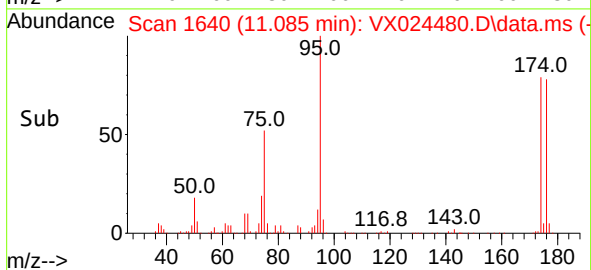
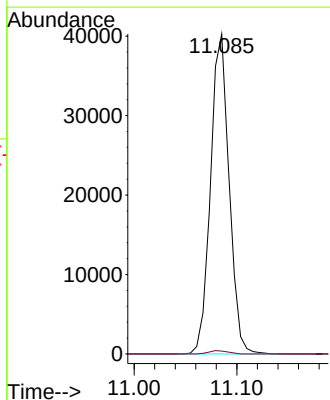
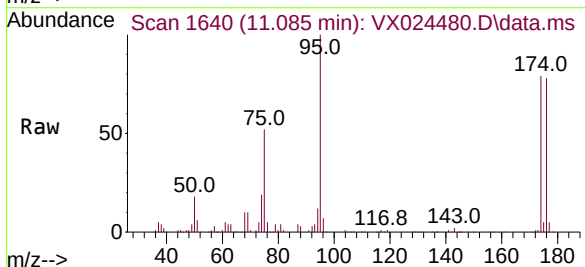
Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20210917

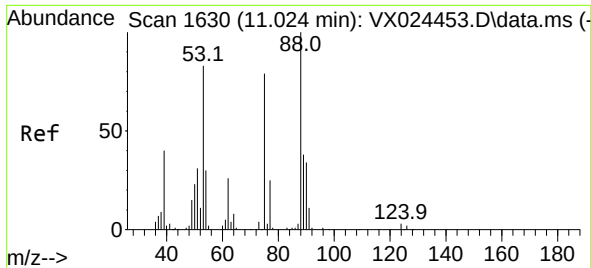
Tgt Ion:152 Resp: 86770
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 155.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.624 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024480.D
 Acq: 24 Sep 2021 04:15

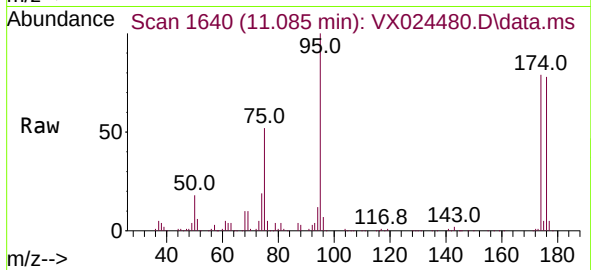
Tgt Ion: 75 Resp: 50491
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.826 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024480.D
 Acq: 24 Sep 2021 04:15

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D2-20210917



Tgt Ion:	75	Resp:	50491
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

