

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022797.D
 Acq On : 21 Jun 2021 16:12
 Operator : JC/MD
 Sample : M2783-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20210617

Quant Time: Jun 22 01:14:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

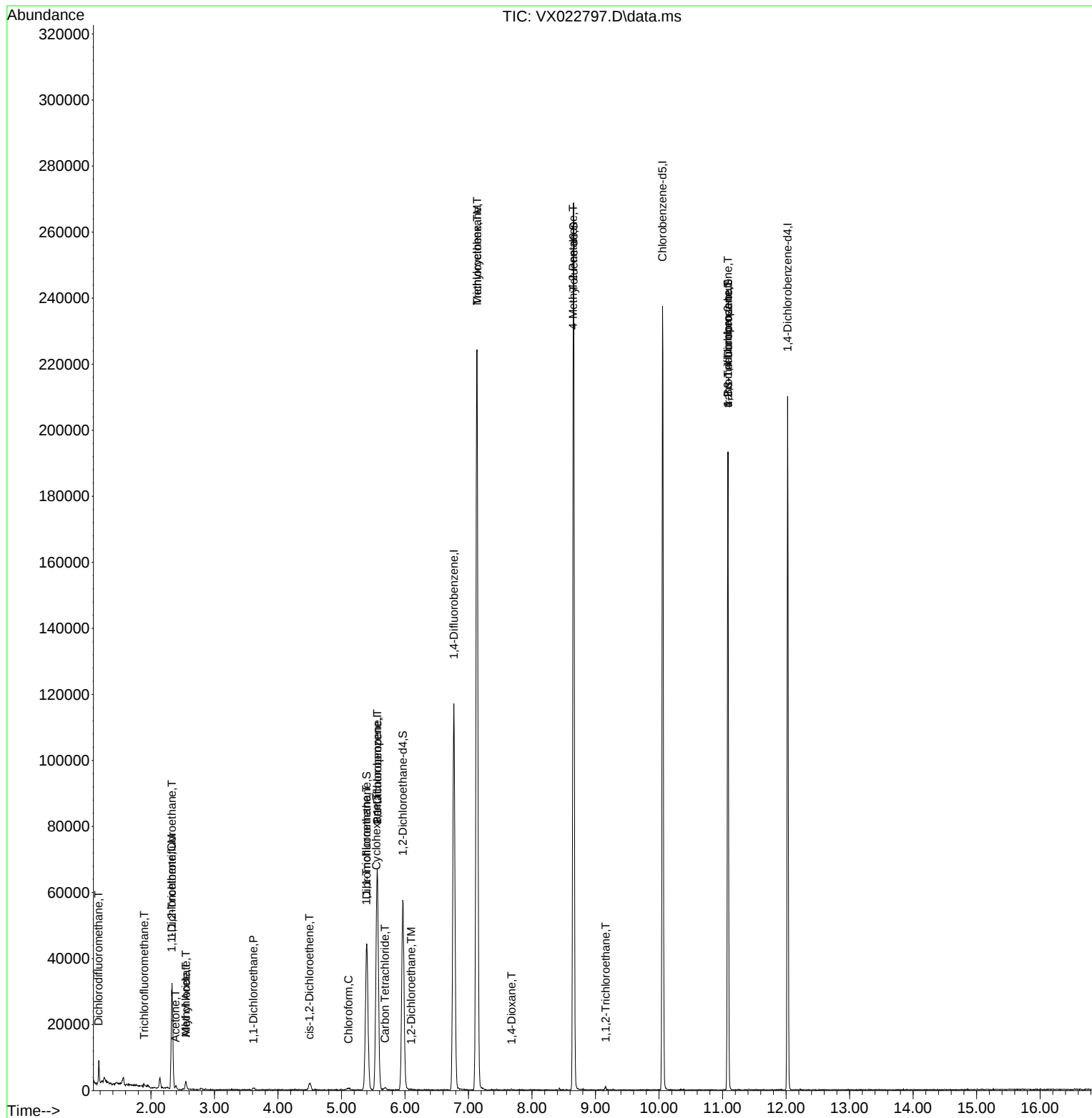
Internal Standards						
1) Pentafluorobenzene	5.562	168	55386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	112622	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52865	53.072	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.140%			
35) Dibromofluoromethane	5.397	113	37187	51.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.500%			
50) Toluene-d8	8.653	98	148439	52.404	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.800%			
62) 4-Bromofluorobenzene	11.085	95	48984	45.724	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.440%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	533	0.820	ug/l	76
7) Trichlorofluoromethane	1.892	101	360	0.324	ug/l #	69
9) 1,1,2-Trichlorotrifluo...	2.331	101	11772	17.364	ug/l	89
12) 1,1-Dichloroethene	2.325	96	935	1.390	ug/l #	91
14) Allyl chloride	2.550	41	283	0.218	ug/l #	1
16) Acetone	2.386	43	839	1.881	ug/l #	81
18) Methyl Acetate	2.550	43	867	0.646	ug/l #	47
20) Methylene Chloride	2.782	84	131	Below Cal	#	63
24) 1,1-Dichloroethane	3.611	63	937	0.628	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1460	1.608	ug/l	85
30) Chloroform	5.111	83	817	0.549	ug/l #	78
31) Cyclohexane	5.550	56	1702	1.416	ug/l #	38
32) 1,1,1-Trichloroethane	5.391	97	256	1.106	ug/l #	44
36) 1,1-Dichloropropene	5.562	75	5816	5.183	ug/l #	49
38) Carbon Tetrachloride	5.684	117	523	0.545	ug/l #	83
39) Methylcyclohexane	7.135	83	1125	0.961	ug/l #	1
42) 1,2-Dichloroethane	6.098	62	334	0.272	ug/l #	73
44) Trichloroethene	7.135	130	77012	98.266	ug/l	86
49) 1,4-Dioxane	7.677	88	263	12.779	ug/l #	59
51) 4-Methyl-2-Pentanone	8.647	43	715	0.500	ug/l #	1
55) 1,1,2-Trichloroethane	9.159	97	297	0.349	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	26980	28.581	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26980	71.105	ug/l #	12

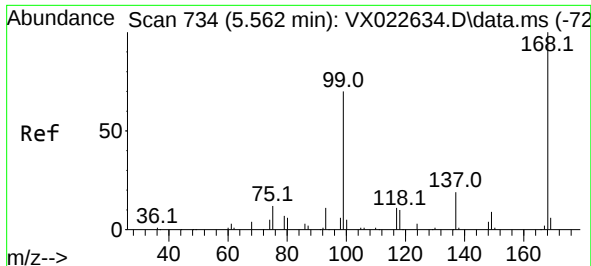
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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RE114D2-20210617

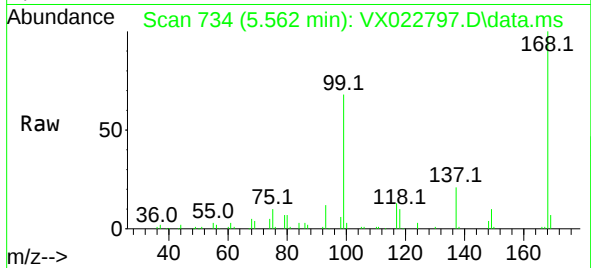
Quant Time: Jun 22 01:14:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



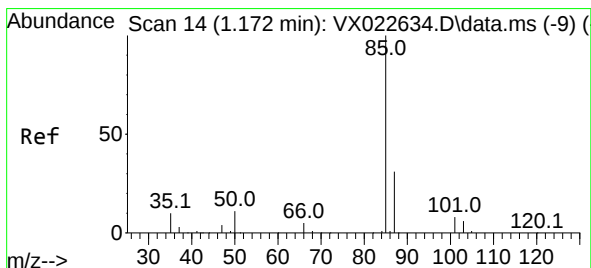
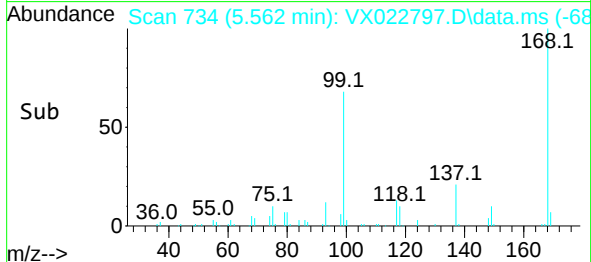
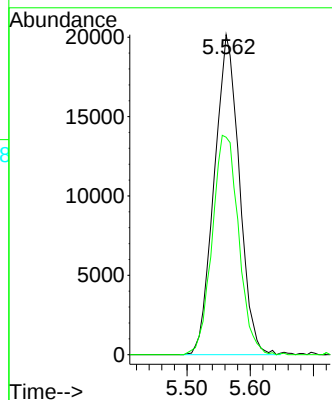


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

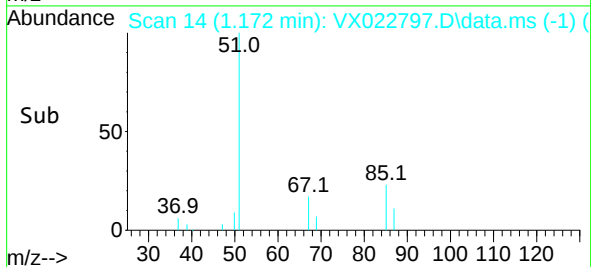
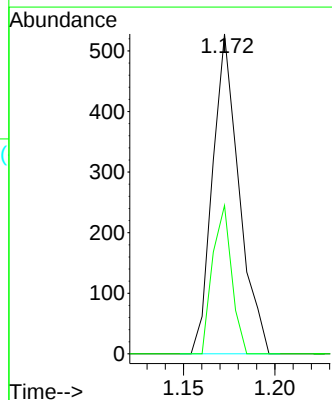
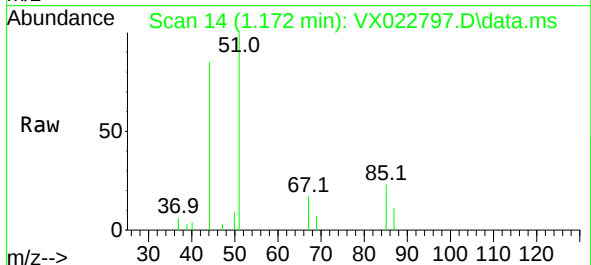


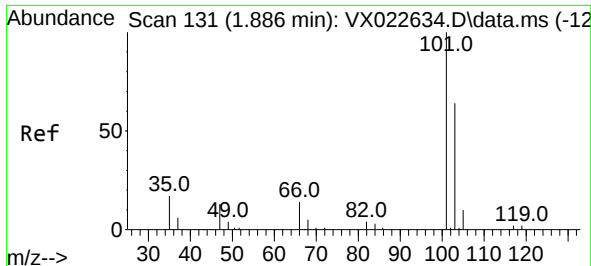
Tgt Ion:168 Resp: 55386
Ion Ratio Lower Upper
168 100
99 67.9 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.820 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 85 Resp: 533
Ion Ratio Lower Upper
85 100
87 46.4 16.4 49.2

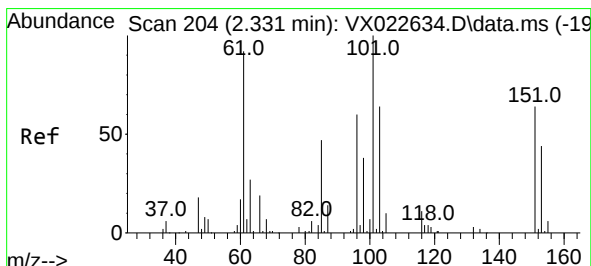
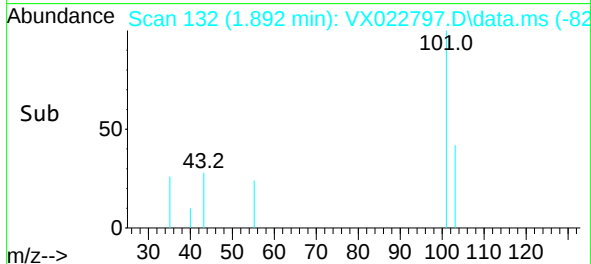
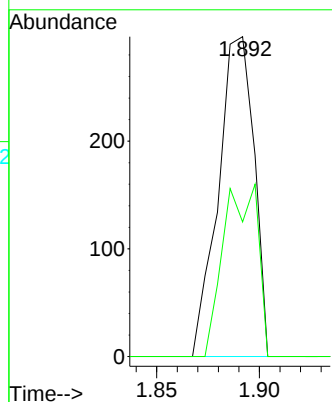
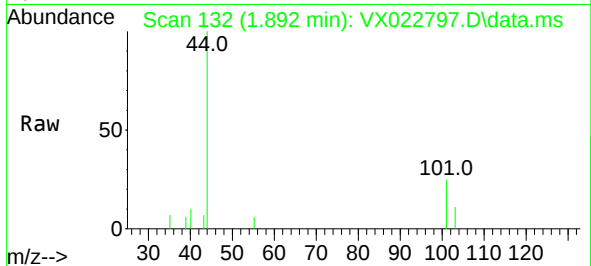




#7
 Trichlorofluoromethane
 Concen: 0.324 ug/l
 RT: 1.892 min Scan# 132
 Delta R.T. 0.006 min
 Lab File: VX022797.D
 Acq: 21 Jun 2021 16:12

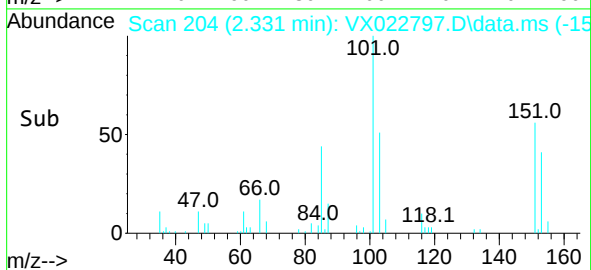
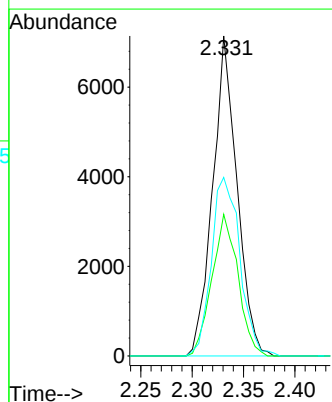
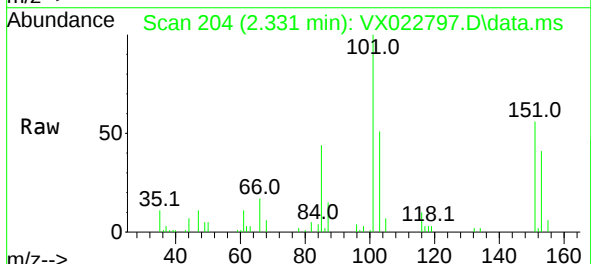
Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20210617

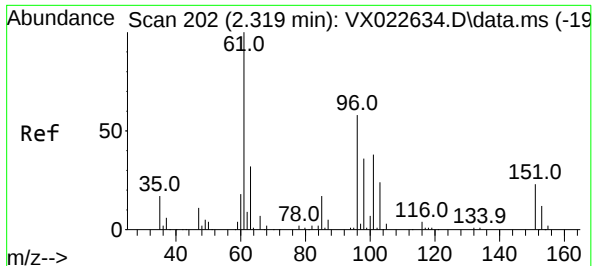
Tgt Ion:101 Resp: 360
 Ion Ratio Lower Upper
 101 100
 103 42.1 53.2 79.8#



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 17.364 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX022797.D
 Acq: 21 Jun 2021 16:12

Tgt Ion:101 Resp: 11772
 Ion Ratio Lower Upper
 101 100
 85 47.3 34.9 52.3
 151 65.3 61.4 92.2





#12

1,1-Dichloroethene

Concen: 1.390 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

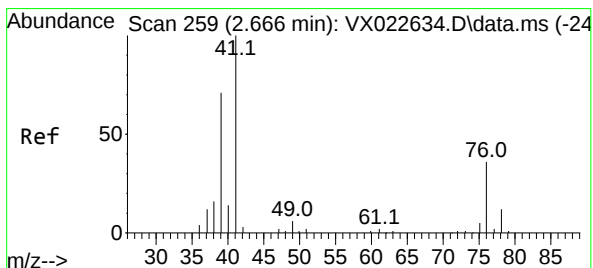
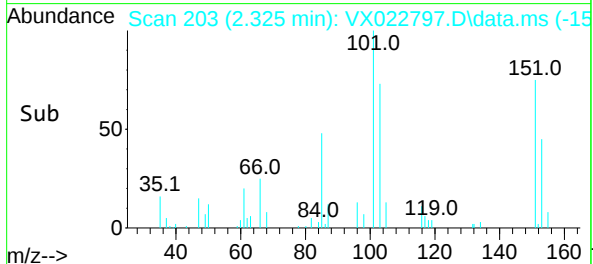
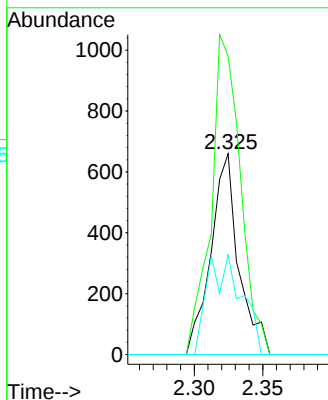
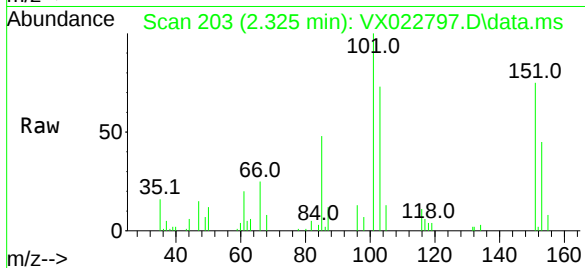
Tgt Ion: 96 Resp: 935

Ion Ratio Lower Upper

96 100

61 148.6 124.6 187.0

98 49.7 50.6 76.0#



#14

Allyl chloride

Concen: 0.218 ug/l

RT: 2.550 min Scan# 240

Delta R.T. -0.116 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

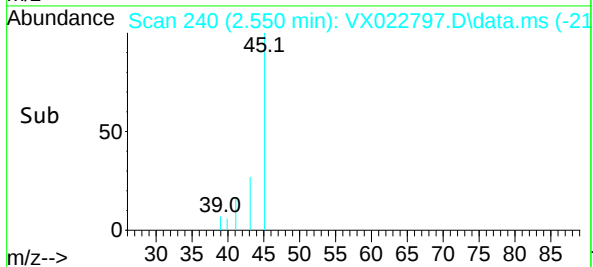
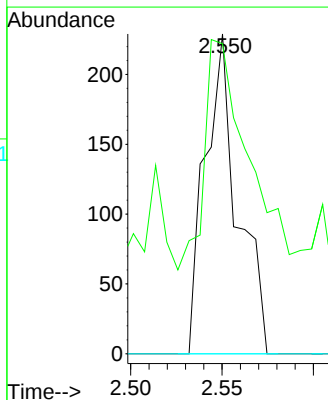
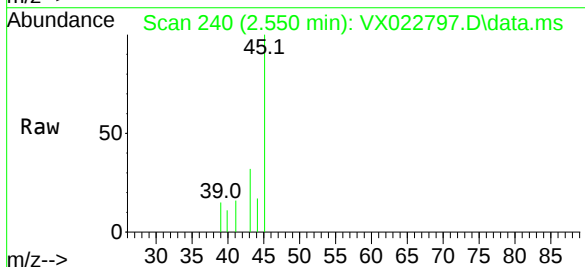
Tgt Ion: 41 Resp: 283

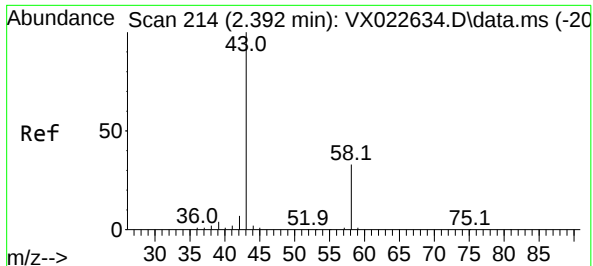
Ion Ratio Lower Upper

41 100

39 182.0 51.6 77.4#

76 0.0 30.5 45.7#

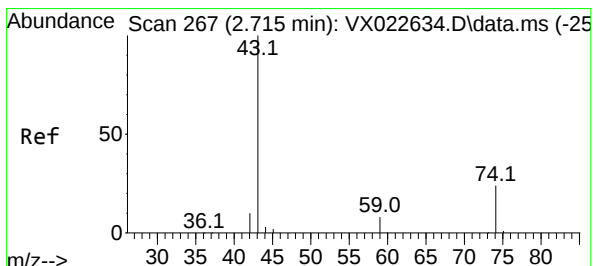
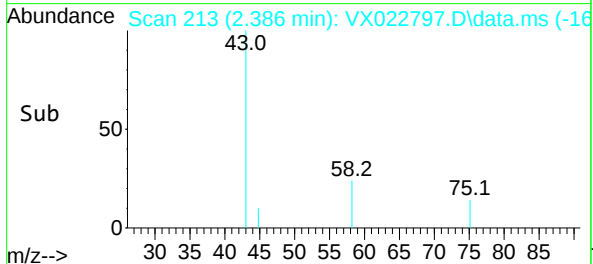
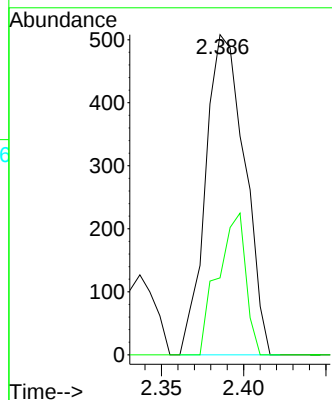
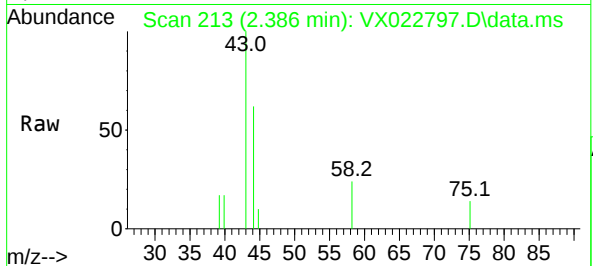




#16
Acetone
Concen: 1.881 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

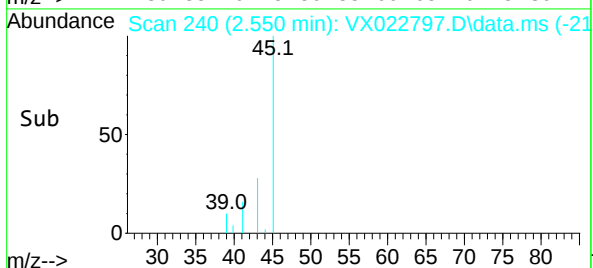
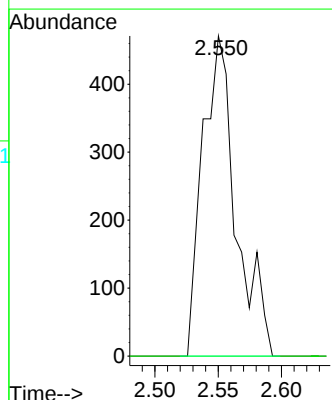
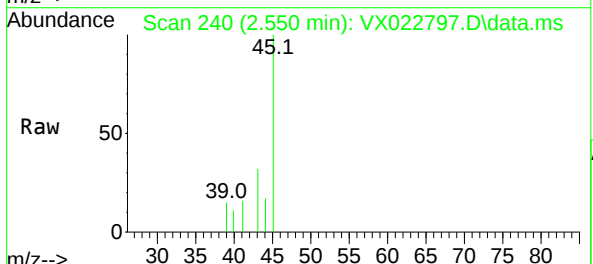
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

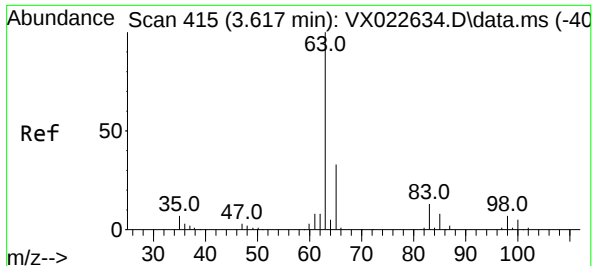
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
58 24.0 27.8 41.8#



#18
Methyl Acetate
Concen: 0.646 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#

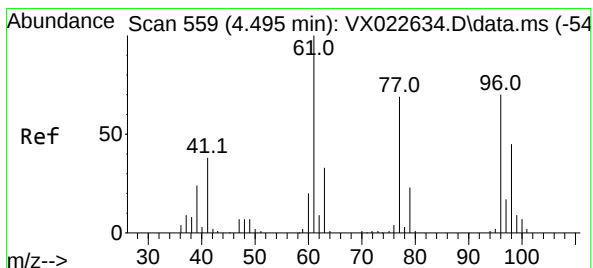
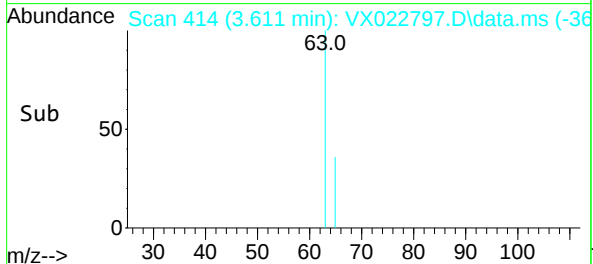
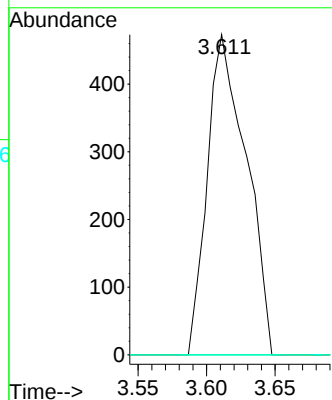
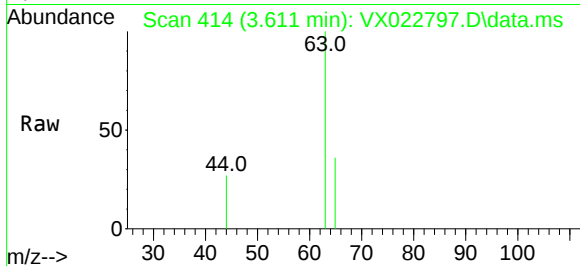




#24
1,1-Dichloroethane
Concen: 0.628 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

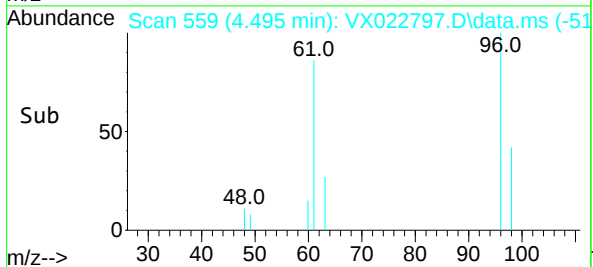
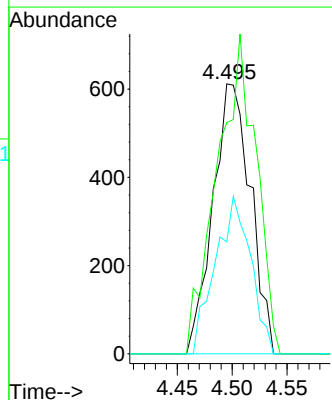
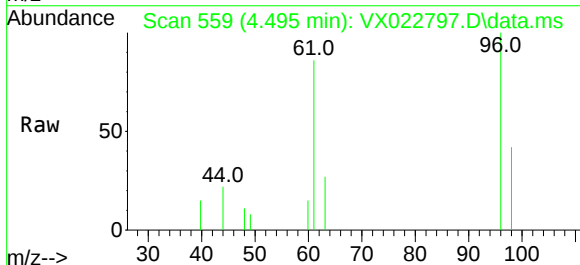
Instrument :
MSVOA_X
ClientSampleId :
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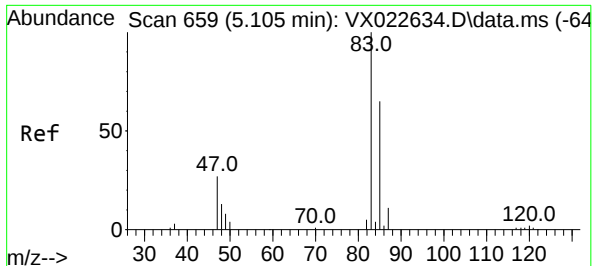
Tgt Ion: 63 Resp: 937
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 1.608 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 96 Resp: 1460
Ion Ratio Lower Upper
96 100
61 122.3 0.0 285.6
98 54.6 0.0 129.6

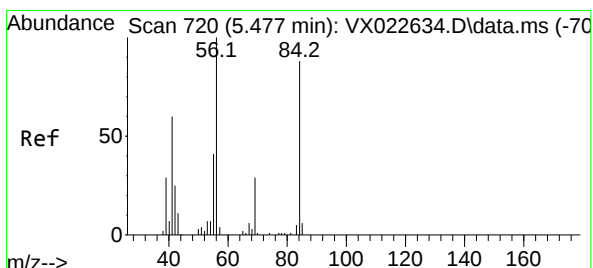
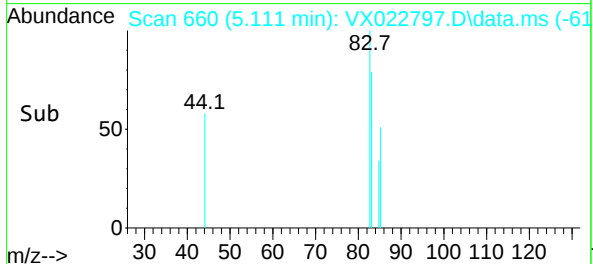
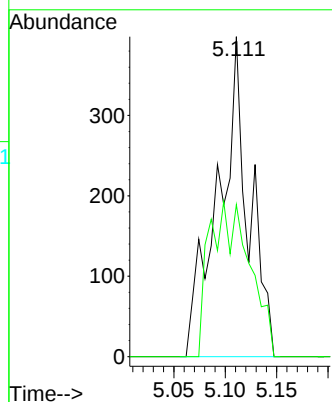
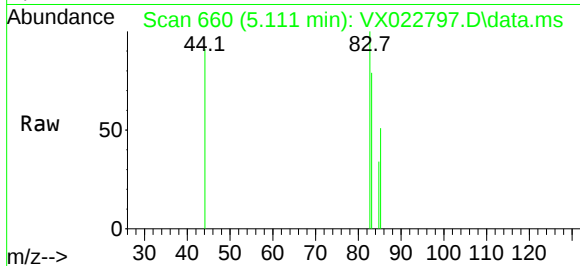




#30
Chloroform
Concen: 0.549 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.006 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

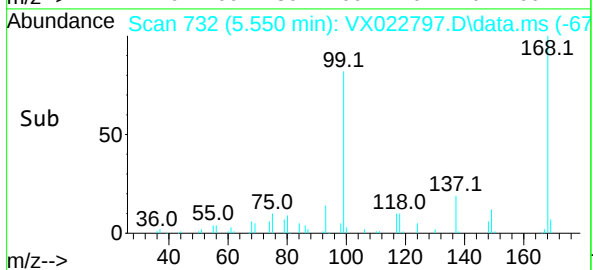
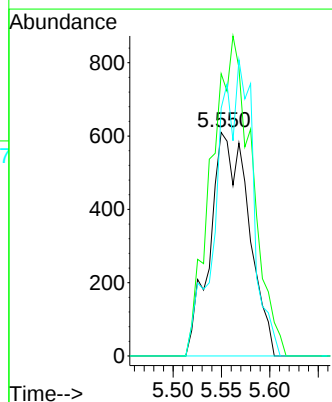
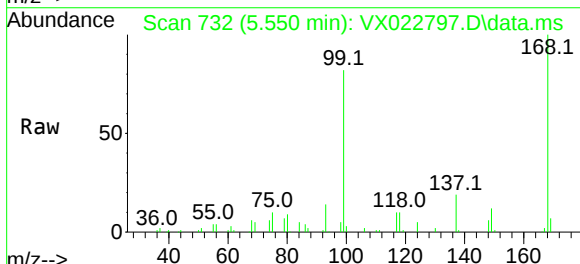
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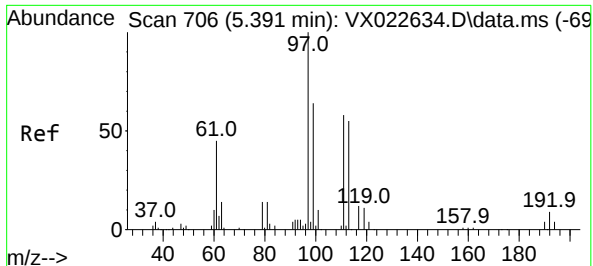
Tgt Ion: 83 Resp: 817
Ion Ratio Lower Upper
83 100
85 47.5 52.0 78.0#



#31
Cyclohexane
Concen: 1.416 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 56 Resp: 1702
Ion Ratio Lower Upper
56 100
69 126.2 25.3 37.9#
84 110.8 71.4 107.0#





#32

1,1,1-Trichloroethane

Concen: 1.106 ug/l

RT: 5.391 min Scan# 706

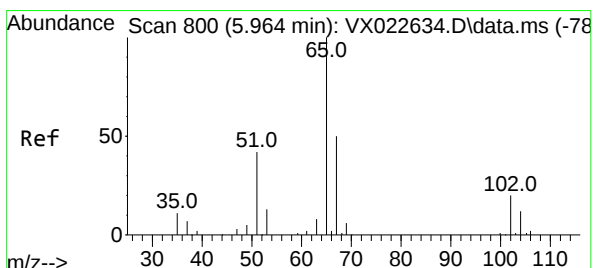
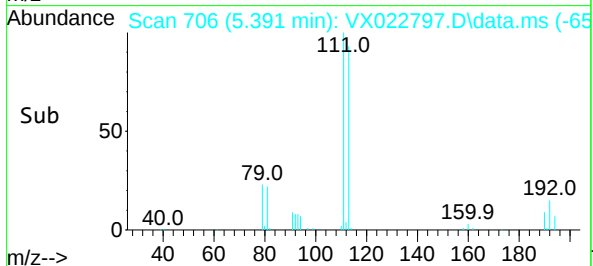
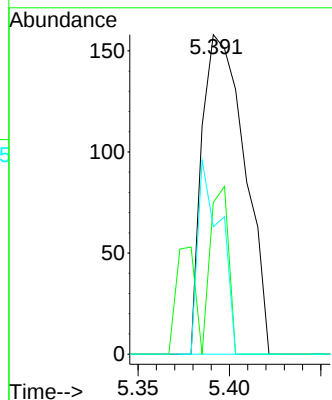
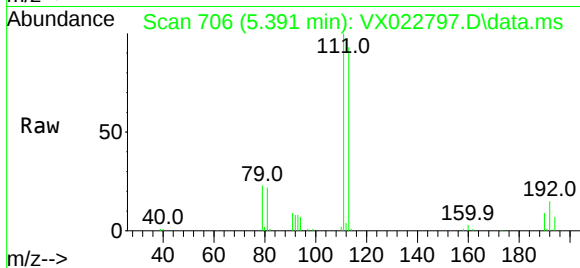
Delta R.T. 0.000 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

Tgt Ion:	97	Resp:	256
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	32.4	34.2	51.4#

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617



#33

1,2-Dichloroethane-d4

Concen: 53.072 ug/l

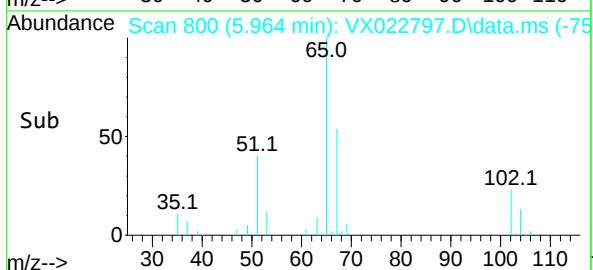
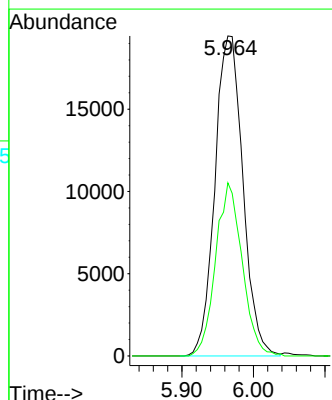
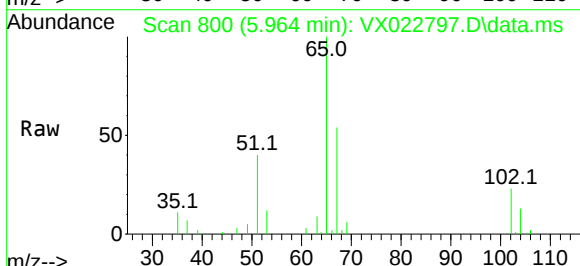
RT: 5.964 min Scan# 800

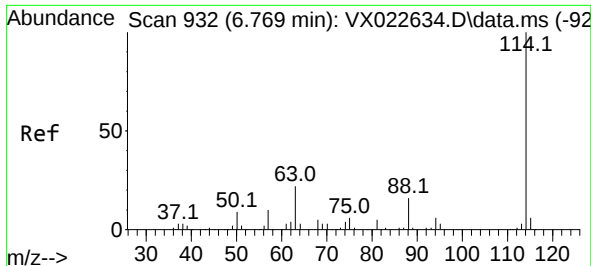
Delta R.T. 0.000 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

Tgt Ion:	65	Resp:	52865
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.4

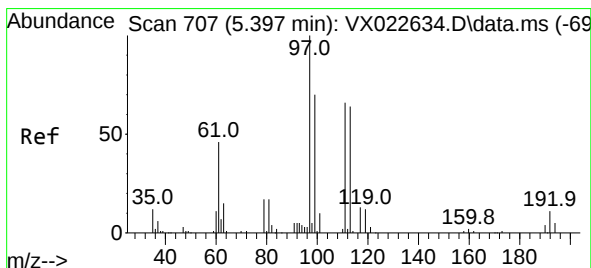
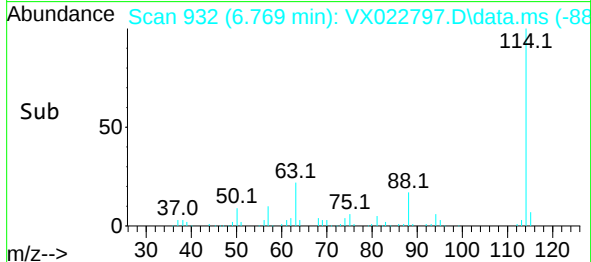
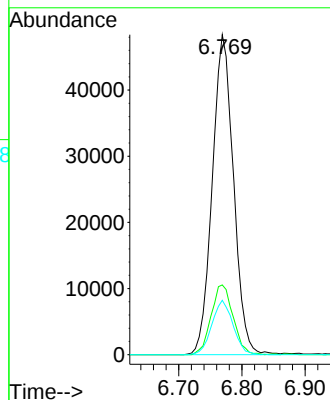
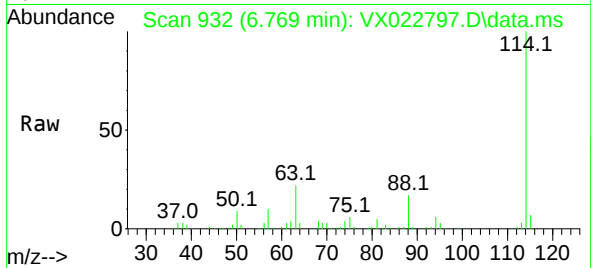




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

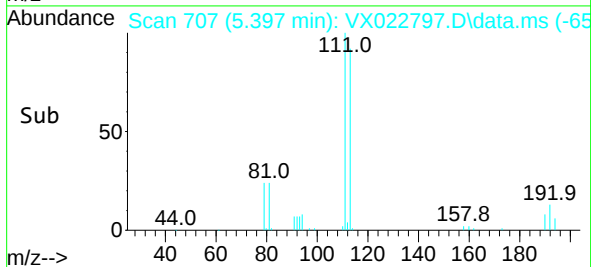
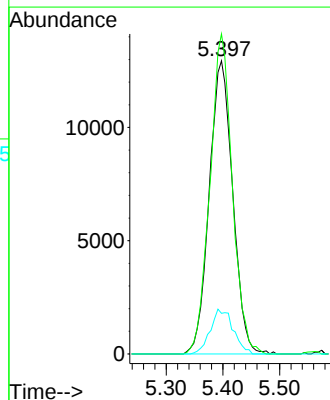
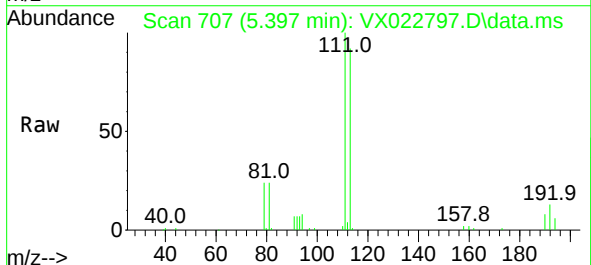
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

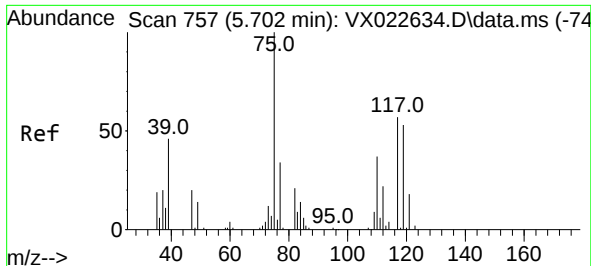
Tgt Ion:114 Resp: 112622
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.753 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion:113 Resp: 37187
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 14.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.183 ug/l

RT: 5.562 min Scan# 734

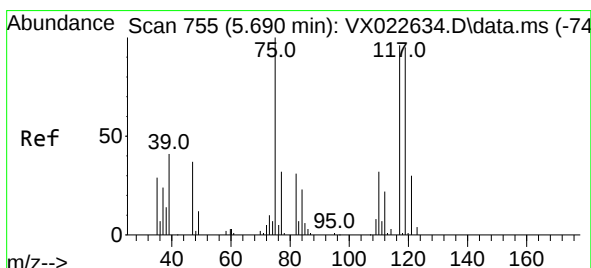
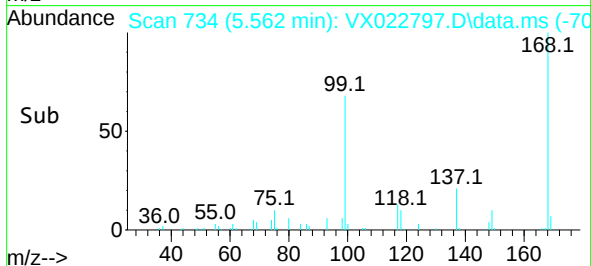
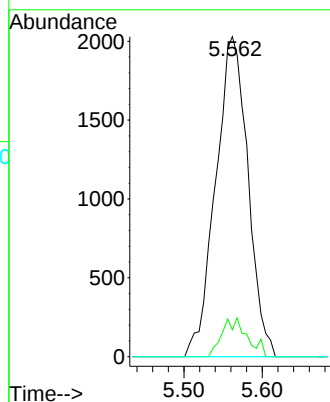
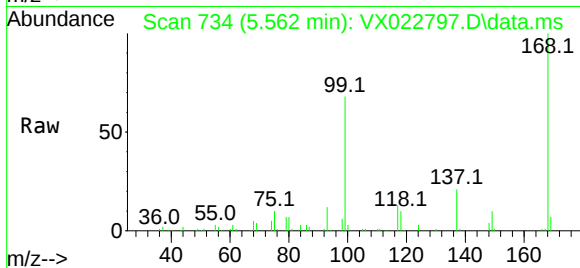
Delta R.T. -0.140 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

Tgt Ion:	75	Resp:	5816
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617



#38

Carbon Tetrachloride

Concen: 0.545 ug/l

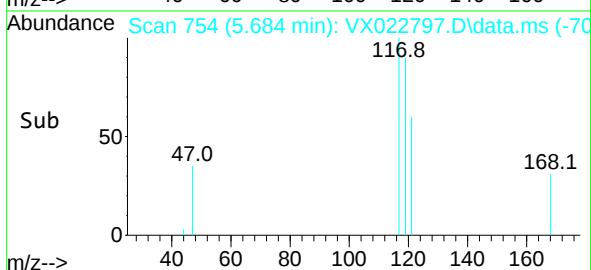
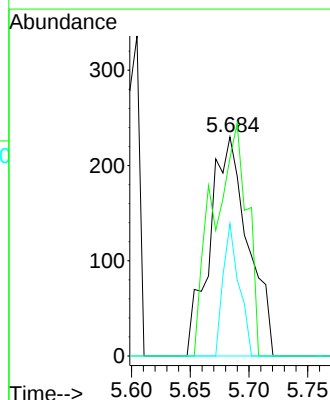
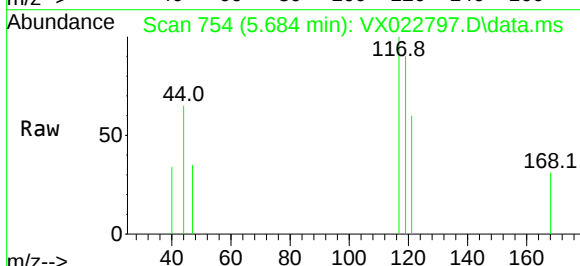
RT: 5.684 min Scan# 754

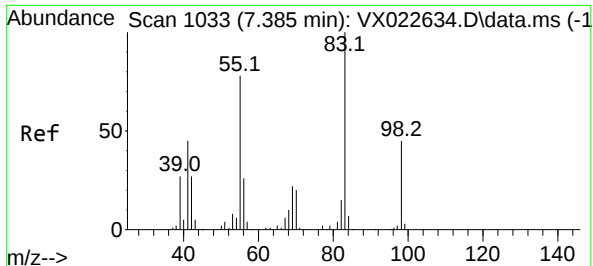
Delta R.T. 0.006 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

Tgt Ion:	117	Resp:	523
Ion	Ratio	Lower	Upper
117	100		
119	90.4	76.2	114.2
121	60.4	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.961 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022797.D

Acq: 21 Jun 2021 16:12

Tgt Ion: 83 Resp: 1125

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

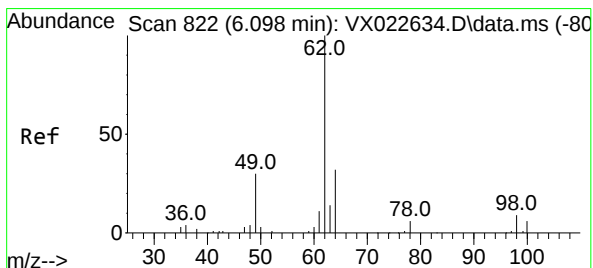
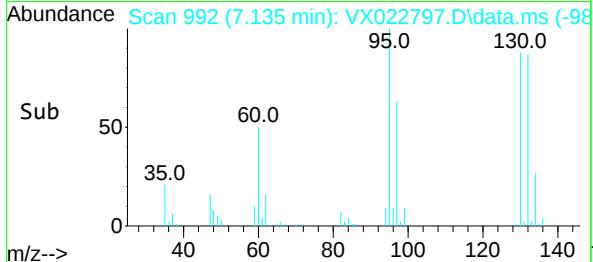
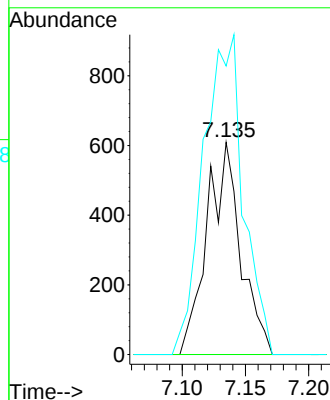
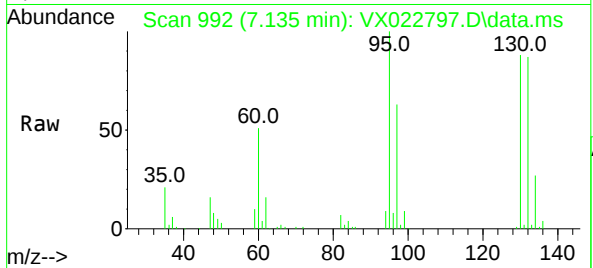
98 136.0 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20210617



#42

1,2-Dichloroethane

Concen: 0.272 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.000 min

Lab File: VX022797.D

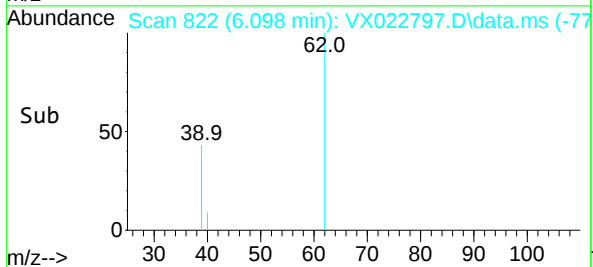
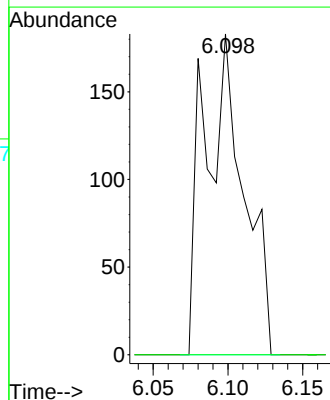
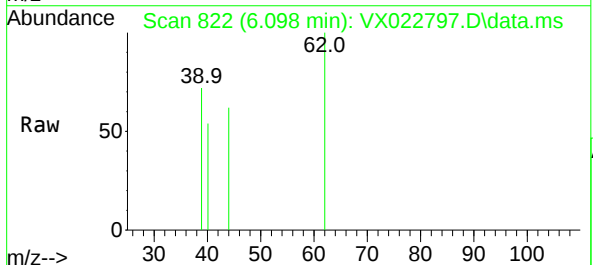
Acq: 21 Jun 2021 16:12

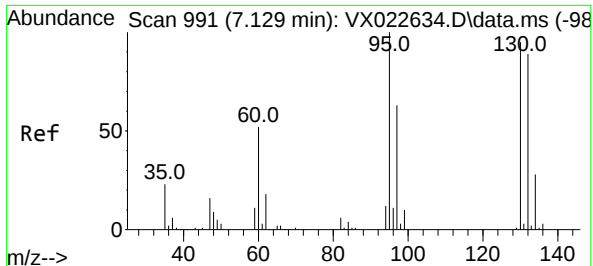
Tgt Ion: 62 Resp: 334

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

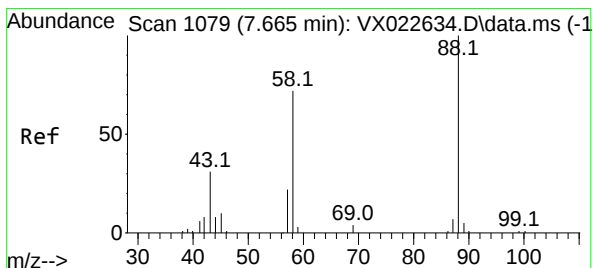
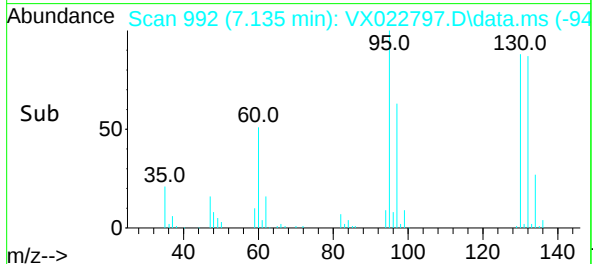
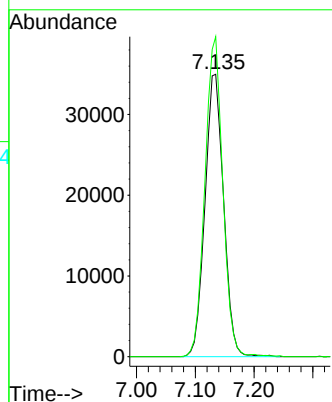
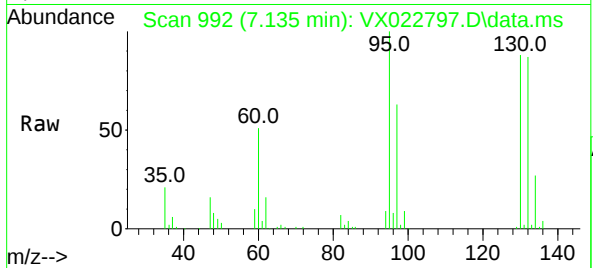




#44
Trichloroethene
Concen: 98.266 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

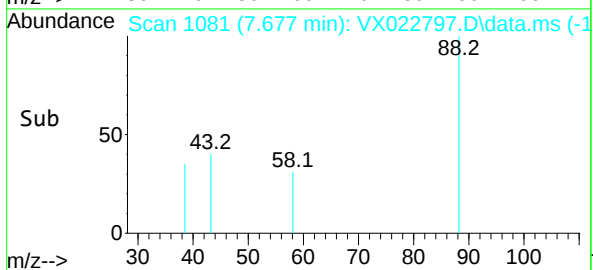
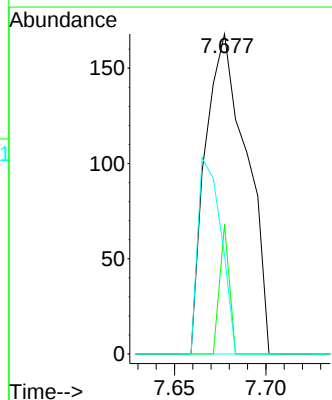
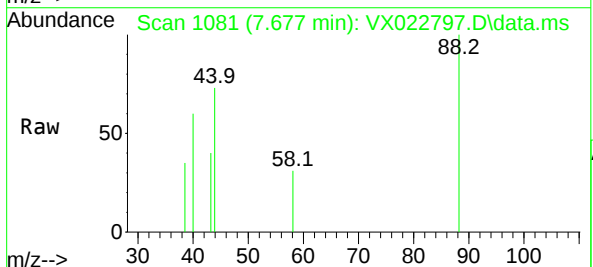
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

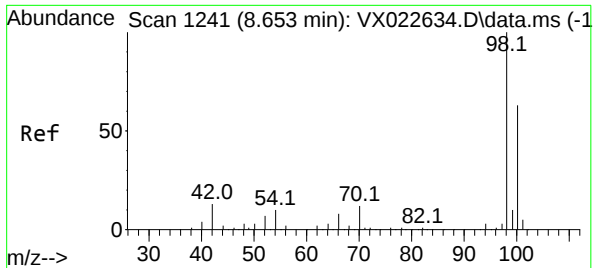
Tgt Ion:130 Resp: 77012
Ion Ratio Lower Upper
130 100
95 113.3 0.0 198.0



#49
1,4-Dioxane
Concen: 12.779 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 88 Resp: 263
Ion Ratio Lower Upper
88 100
43 9.5 23.2 34.8#
58 34.2 55.0 82.4#

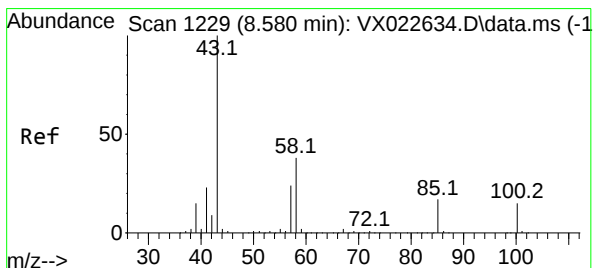
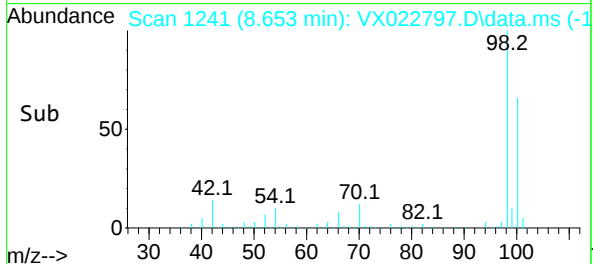
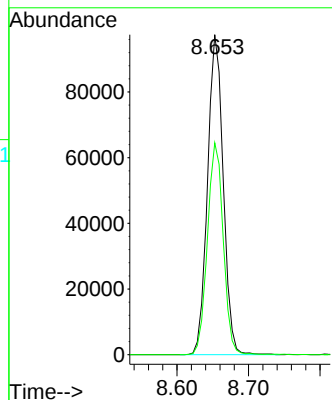
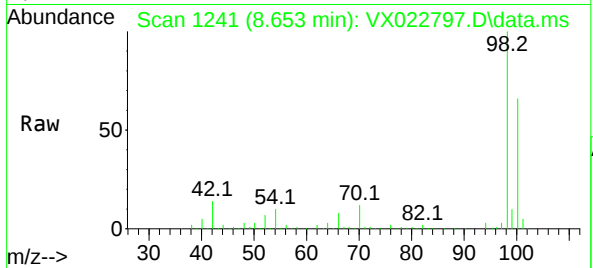




#50
Toluene-d8
Concen: 52.404 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

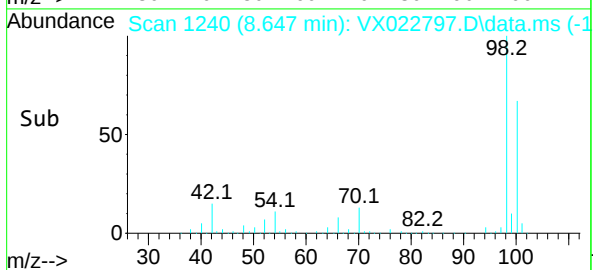
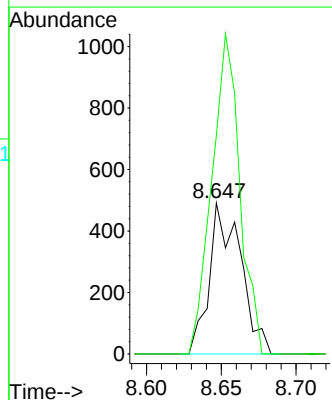
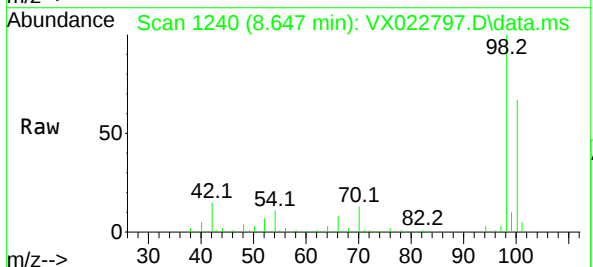
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

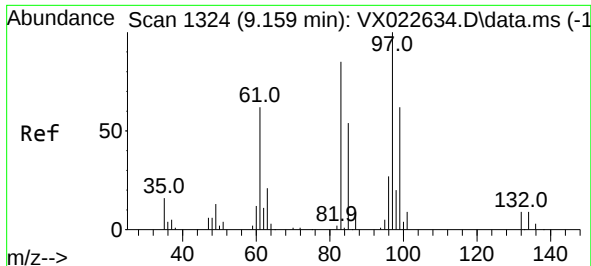
Tgt Ion: 98 Resp: 148439
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 43 Resp: 715
Ion Ratio Lower Upper
43 100
58 189.8 35.4 53.0#

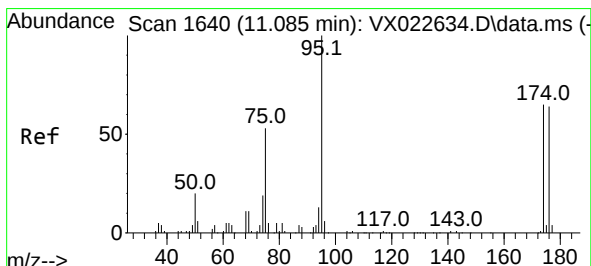
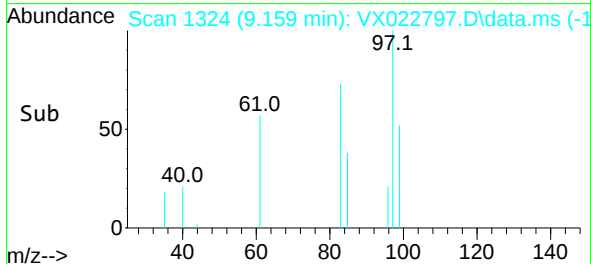
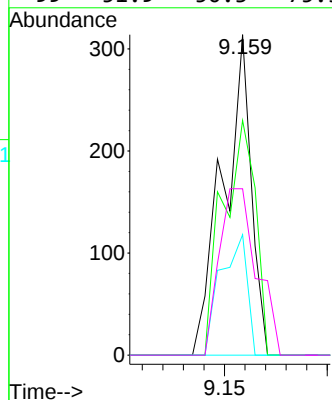
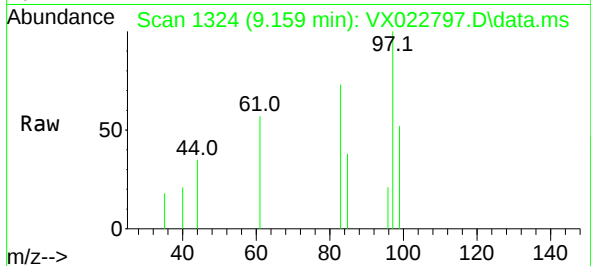




#55
1,1,2-Trichloroethane
Concen: 0.349 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

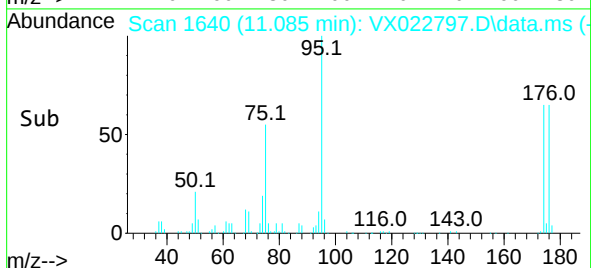
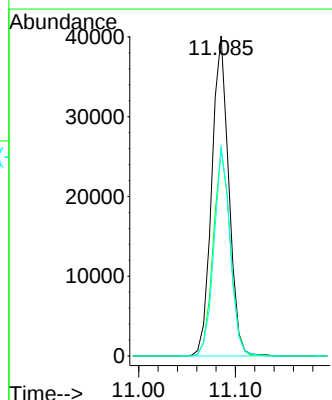
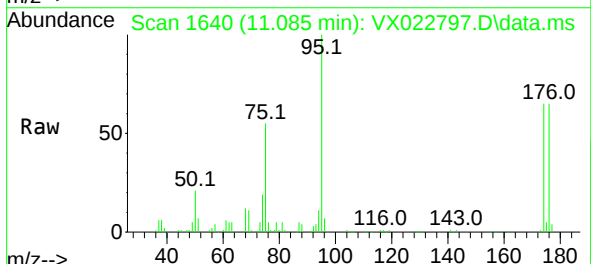
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

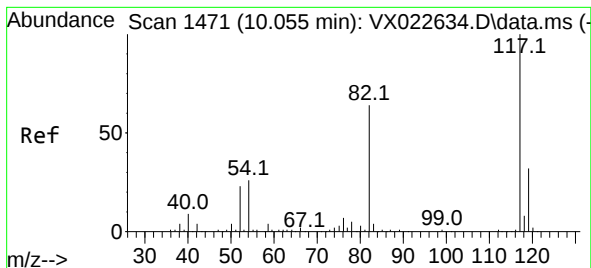
Tgt Ion: 97	Resp: 297
Ion Ratio	Lower Upper
97 100	
83 73.2	69.3 103.9
85 37.6	44.3 66.5#
99 51.9	50.3 75.5



#62
4-Bromofluorobenzene
Concen: 45.724 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 95	Resp:	48984	
Ion	Ratio	Lower	Upper
95	100		
174	64.4	0.0	154.6
176	62.2	0.0	155.8

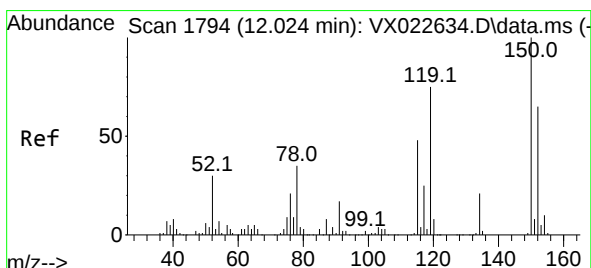
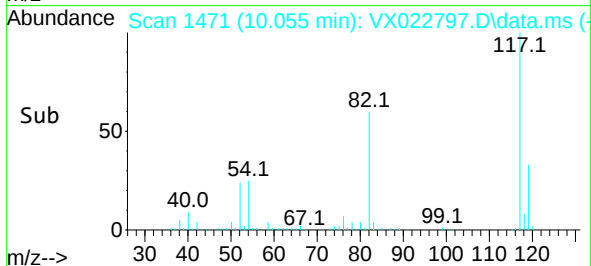
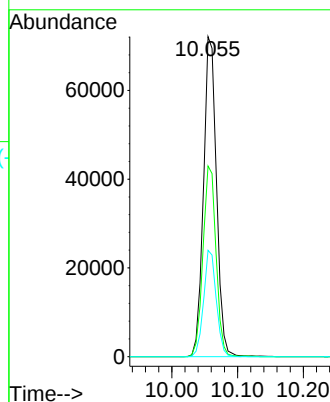
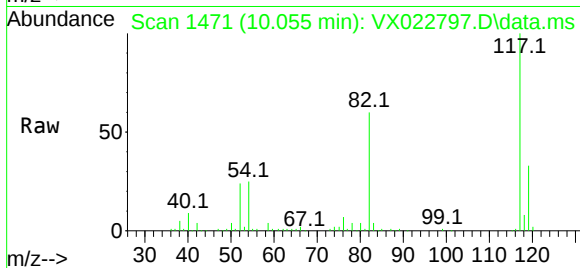




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

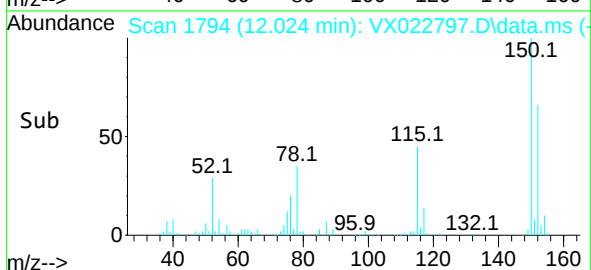
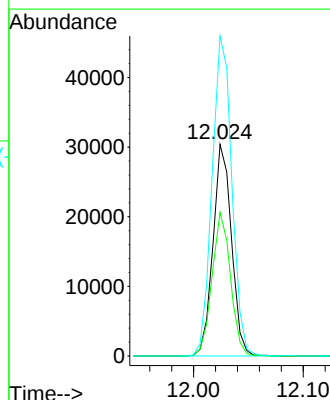
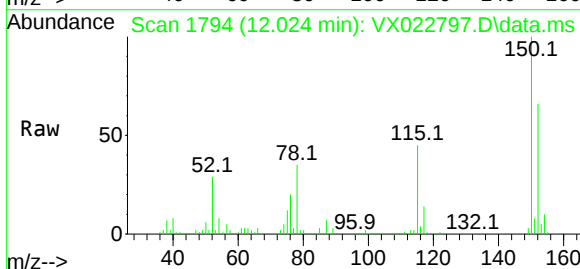
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

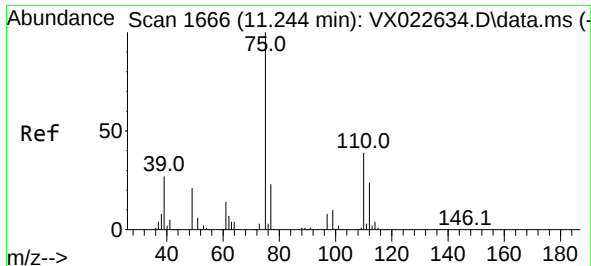
Tgt Ion:117 Resp: 99183
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 33.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion:152 Resp: 35603
Ion Ratio Lower Upper
152 100
115 67.7 41.1 123.3
150 161.3 0.0 349.0

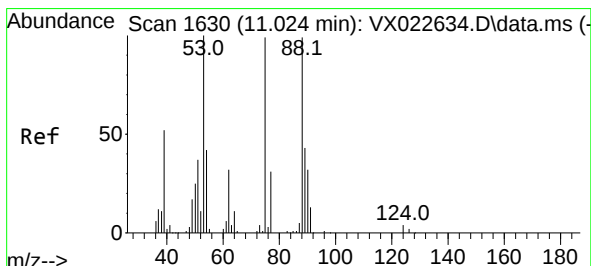
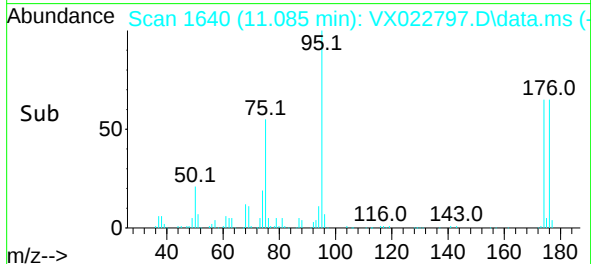
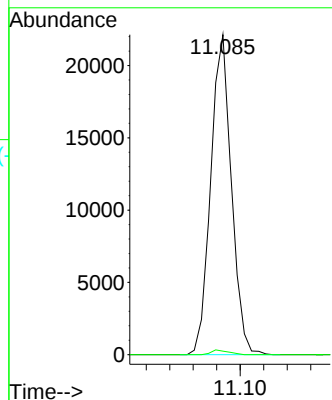
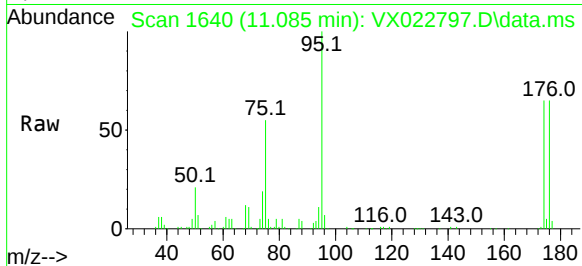




#76
1,2,3-Trichloropropane
Concen: 28.581 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20210617

Tgt Ion: 75 Resp: 26980
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.105 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022797.D
Acq: 21 Jun 2021 16:12

Tgt Ion: 75 Resp: 26980
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

