

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022795.D
 Acq On : 21 Jun 2021 15:25
 Operator : JC/MD
 Sample : M2783-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 22 01:13:32 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)

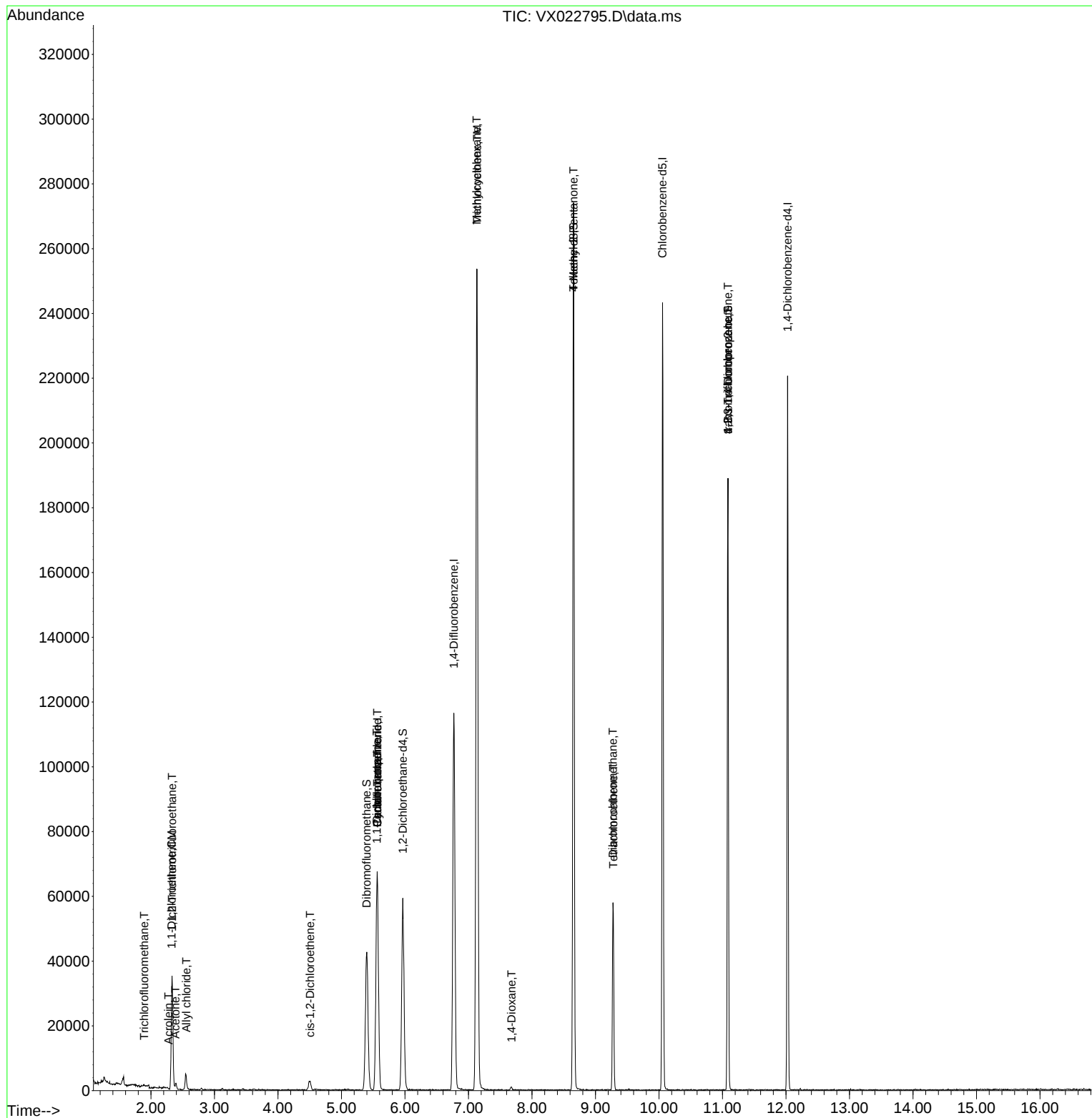
Internal Standards						
1) Pentafluorobenzene	5.562	168	54815	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	111730	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	36712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52741	53.499	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.000%		
35) Dibromofluoromethane	5.398	113	36090	50.627	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.260%		
50) Toluene-d8	8.653	98	150198	53.448	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 106.900%		
62) 4-Bromofluorobenzene	11.086	95	51112	48.092	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.180%		
Target Compounds						
					Qvalue	
7) Trichlorofluoromethane	1.892	101	280	0.255	ug/l	# 63
9) 1,1,2-Trichlorotrifluo...	2.331	101	13685	20.396	ug/l	88
12) 1,1-Dichloroethene	2.325	96	249	0.374	ug/l	# 79
13) Acrolein	2.276	56	21	0.220	ug/l	# 14
14) Allyl chloride	2.557	41	448	0.348	ug/l	# 1
16) Acetone	2.386	43	1736	3.933	ug/l	92
27) cis-1,2-Dichloroethene	4.507	96	1767	1.967	ug/l	95
31) Cyclohexane	5.562	56	1656	1.392	ug/l	# 35
36) 1,1-Dichloropropene	5.556	75	6067	5.450	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6767	7.106	ug/l	# 15
39) Methylcyclohexane	7.129	83	1224	1.054	ug/l	# 1
44) Trichloroethene	7.135	130	88859	114.288	ug/l	95
49) 1,4-Dioxane	7.678	88	629	30.808	ug/l	97
51) 4-Methyl-2-Pentanone	8.653	43	746	0.526	ug/l	# 1
60) Dibromochloromethane	9.275	129	10144	14.637	ug/l	# 11
64) Tetrachloroethene	9.281	164	9600	14.746	ug/l	93
76) 1,2,3-Trichloropropane	11.086	75	27618	28.373	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.086	75	27618	70.631	ug/l	# 12

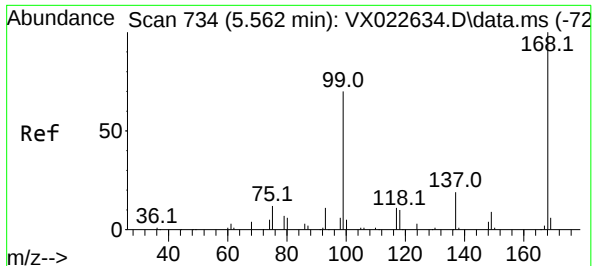
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

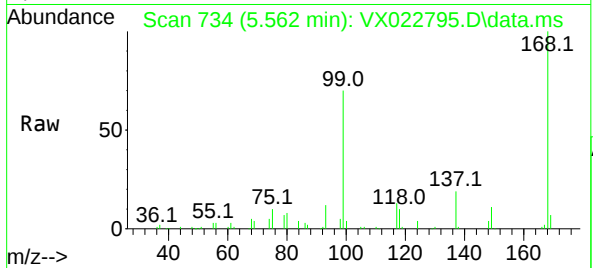
Quant Time: Jun 22 01:13:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



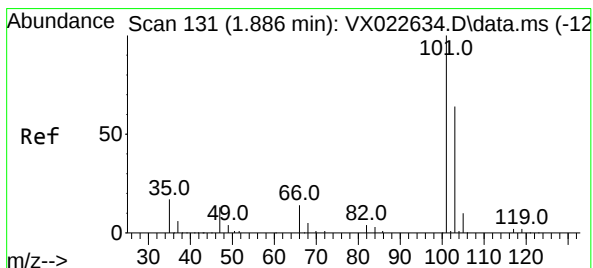
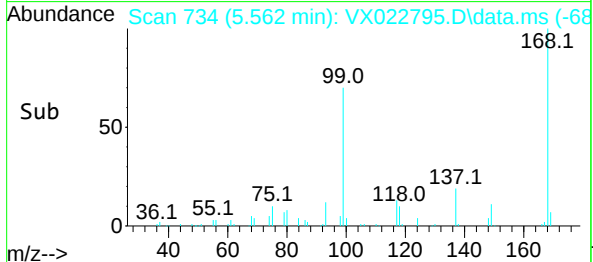
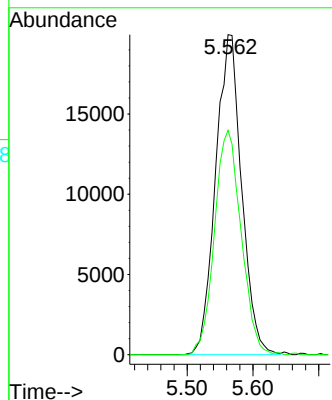


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Instrument :
MSVOA_X
ClientSampleId :

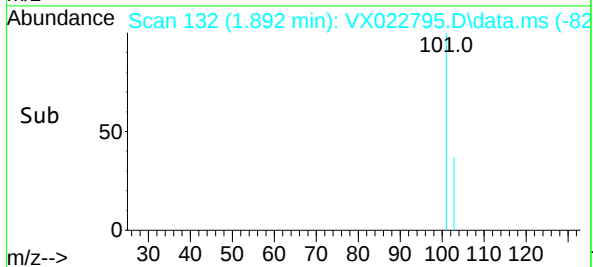
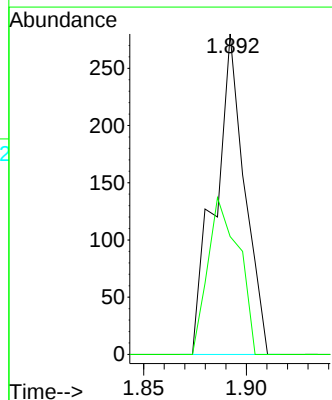
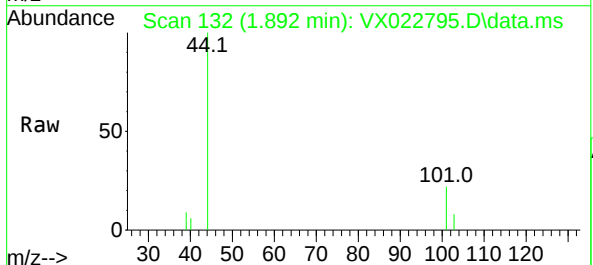


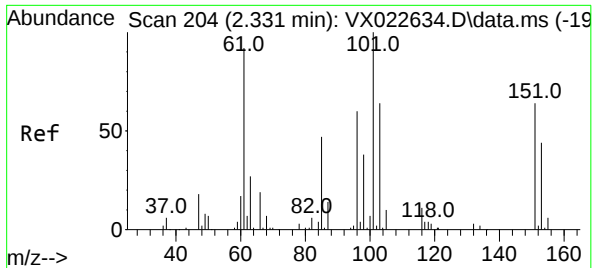
Tgt Ion:168 Resp: 54815
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#



#7
Trichlorofluoromethane
Concen: 0.255 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion:101 Resp: 280
Ion Ratio Lower Upper
101 100
103 36.8 53.2 79.8#

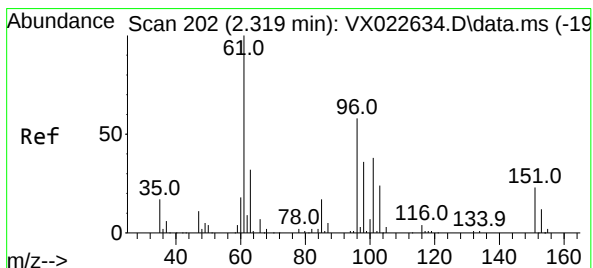
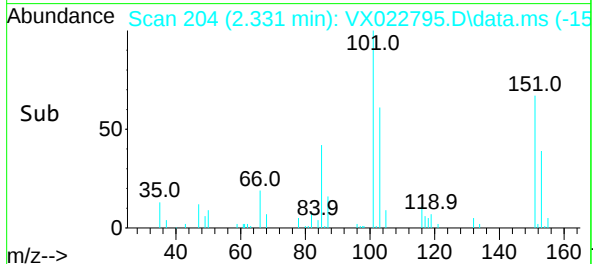
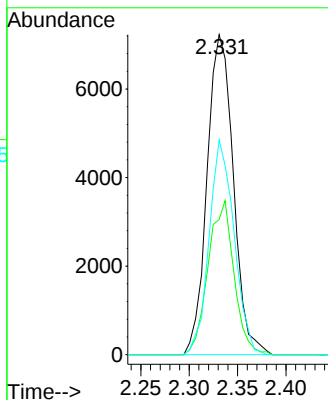
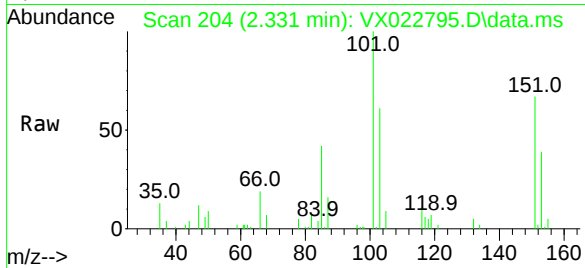




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.396 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX022795.D
 Acq: 21 Jun 2021 15:25

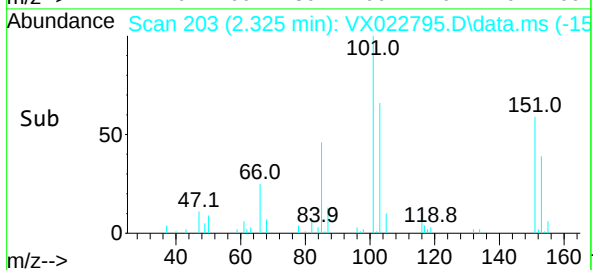
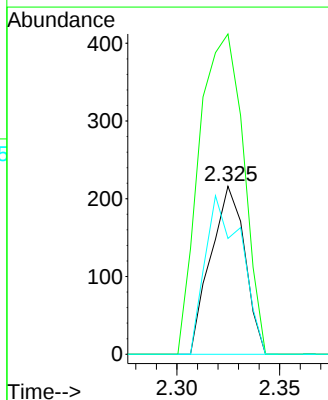
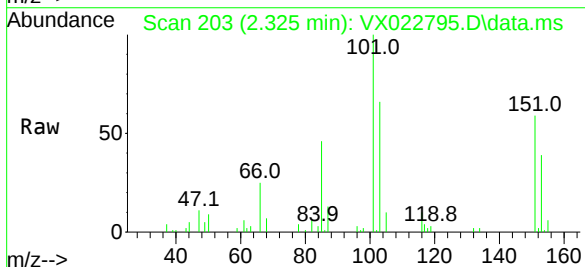
Instrument :
 MSVOA_X
 ClientSampleId :

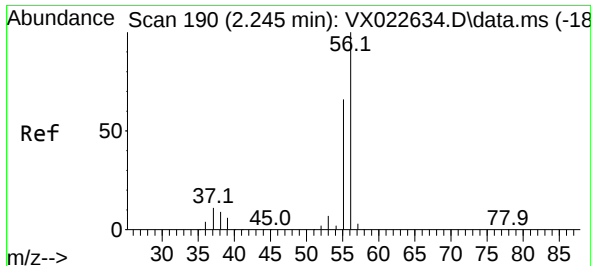
Tgt Ion:101 Resp: 13685
 Ion Ratio Lower Upper
 101 100
 85 47.3 34.9 52.3
 151 63.7 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 0.374 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX022795.D
 Acq: 21 Jun 2021 15:25

Tgt Ion: 96 Resp: 249
 Ion Ratio Lower Upper
 96 100
 61 190.7 124.6 187.0#
 98 69.0 50.6 76.0

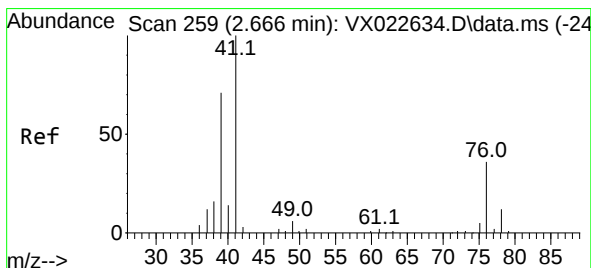
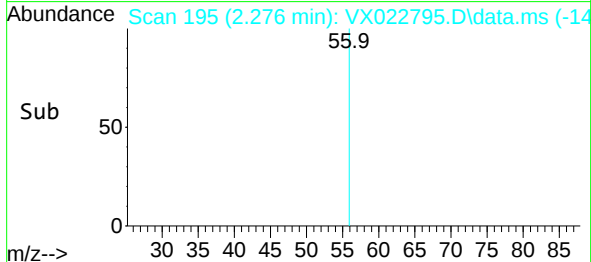
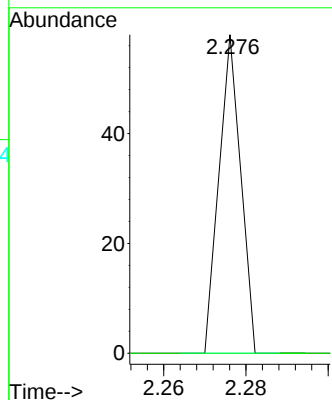
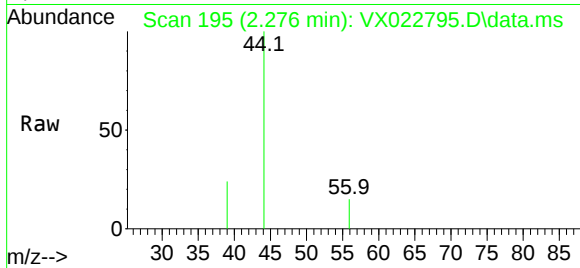




#13
Acrolein
Concen: 0.220 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.037 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

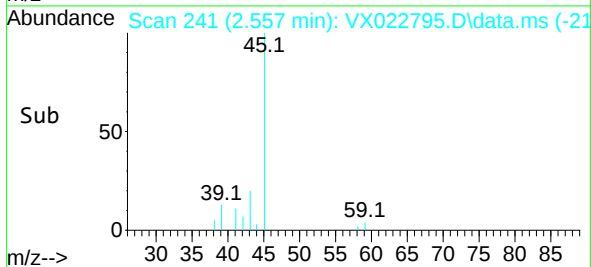
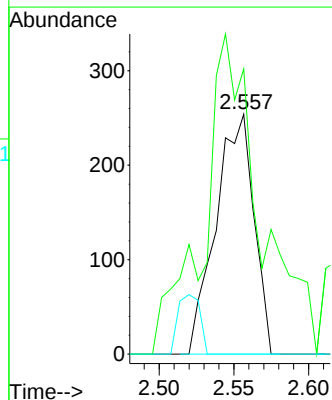
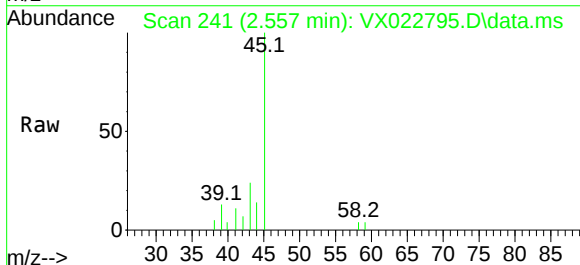
Instrument :
MSVOA_X
ClientSampled :

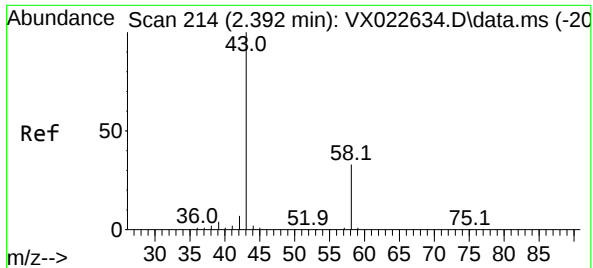
Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.348 ug/l
RT: 2.557 min Scan# 241
Delta R.T. -0.109 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion: 41 Resp: 448
Ion Ratio Lower Upper
41 100
39 198.7 51.6 77.4#
76 0.0 30.5 45.7#

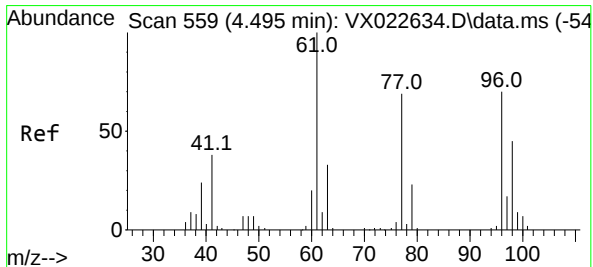
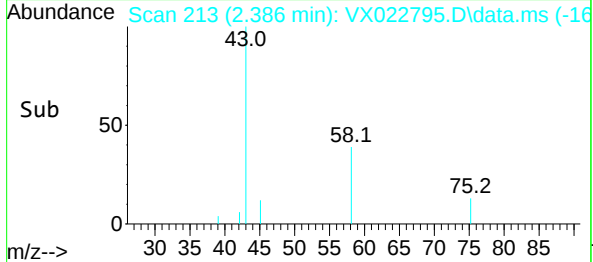
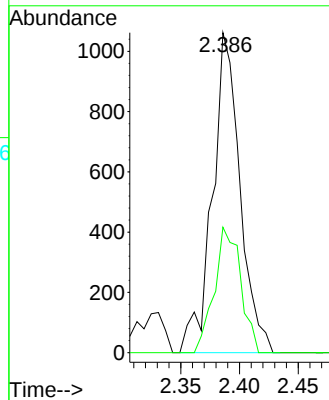
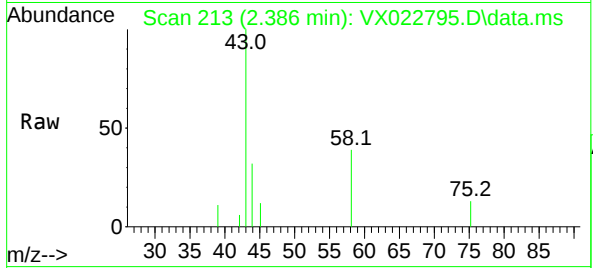




#16
Acetone
Concen: 3.933 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

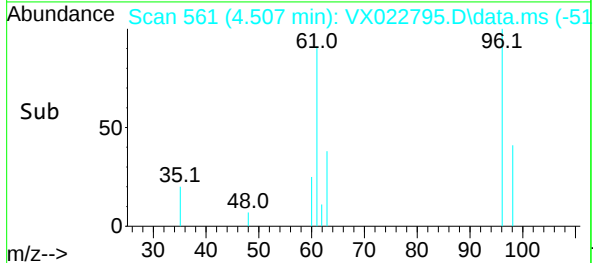
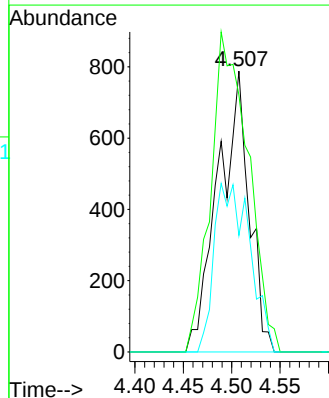
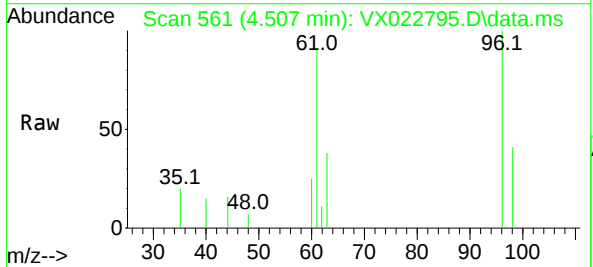
Instrument :
MSVOA_X
ClientSampled :

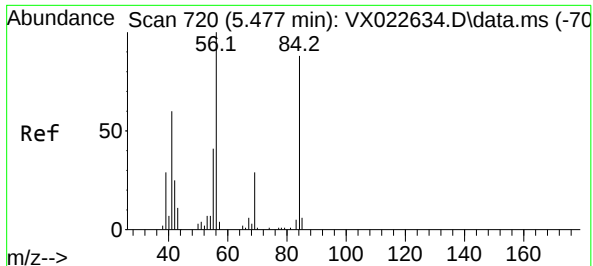
Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#27
cis-1,2-Dichloroethene
Concen: 1.967 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

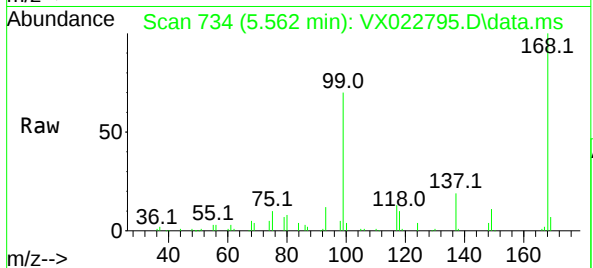
Tgt Ion: 96 Resp: 1767
Ion Ratio Lower Upper
96 100
61 136.6 0.0 285.6
98 68.5 0.0 129.6



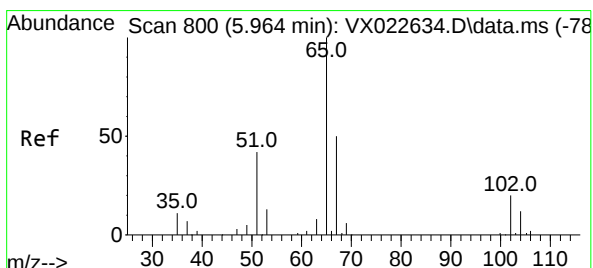
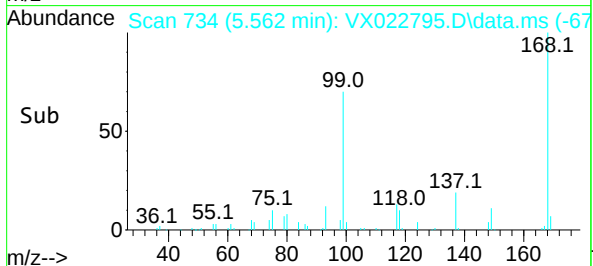
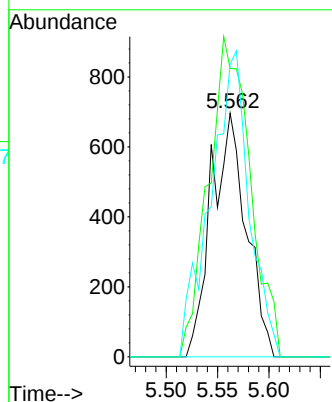


#31
Cyclohexane
Concen: 1.392 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Instrument :
MSVOA_X
ClientSampleId :

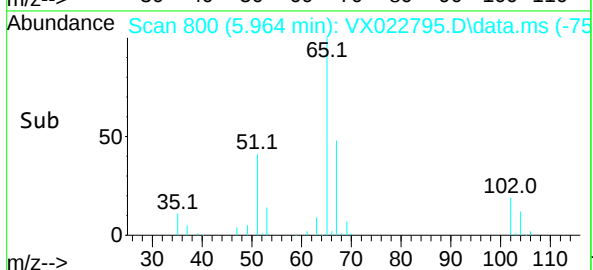
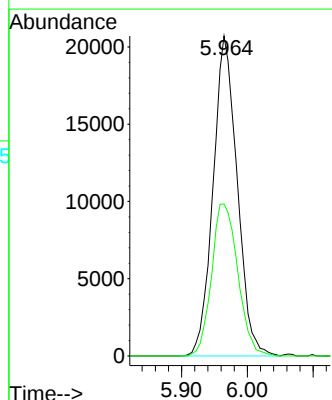
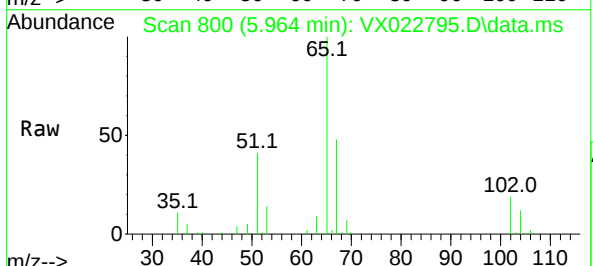


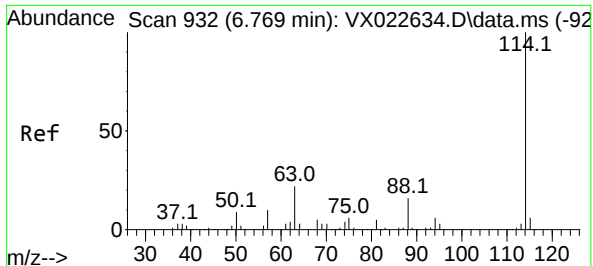
Tgt Ion: 56 Resp: 1656
Ion Ratio Lower Upper
56 100
69 118.4 25.3 37.9#
84 120.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.499 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion: 65 Resp: 52741
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

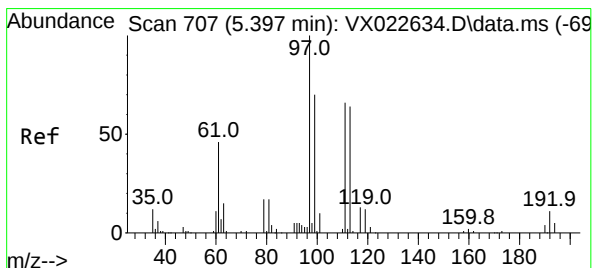
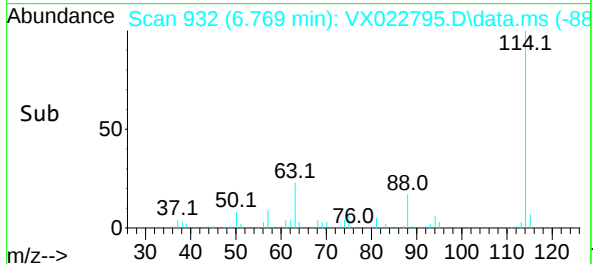
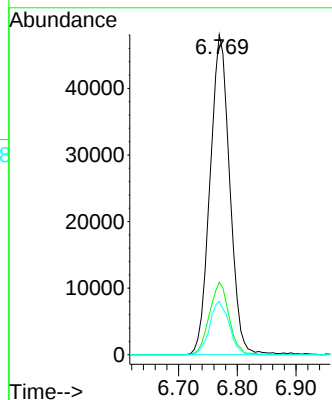
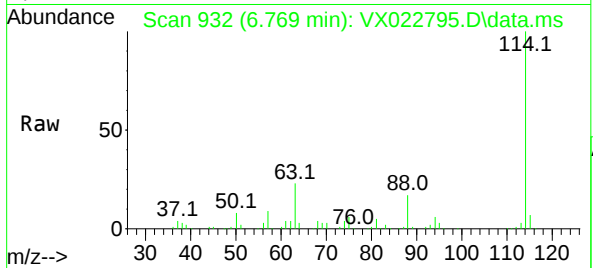




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

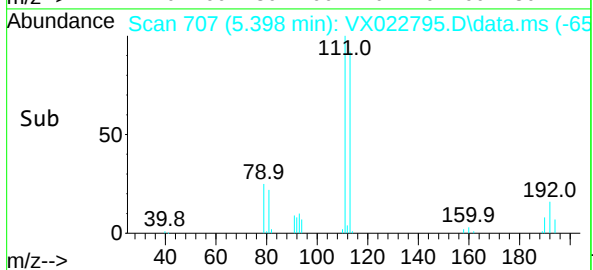
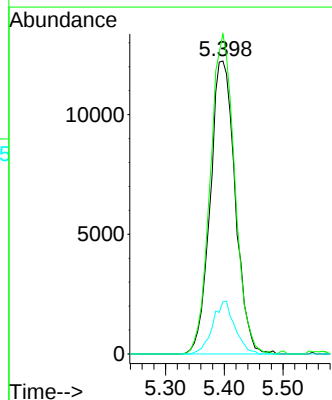
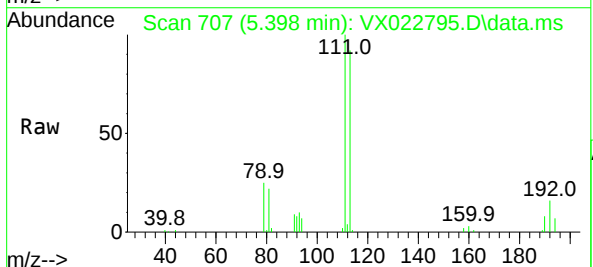
Instrument :
MSVOA_X
ClientSampled :

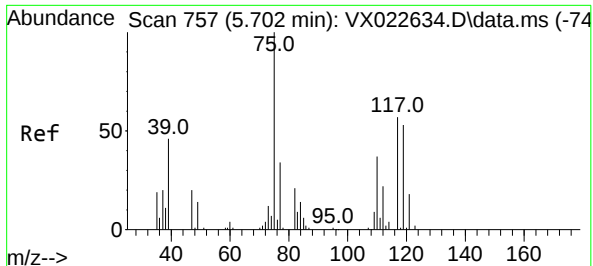
Tgt Ion:114 Resp: 111730
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.627 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion:113 Resp: 36090
Ion Ratio Lower Upper
113 100
111 107.4 81.9 122.9
192 16.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.450 ug/l

RT: 5.556 min Scan# 733

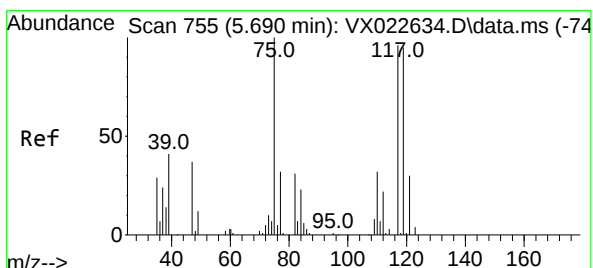
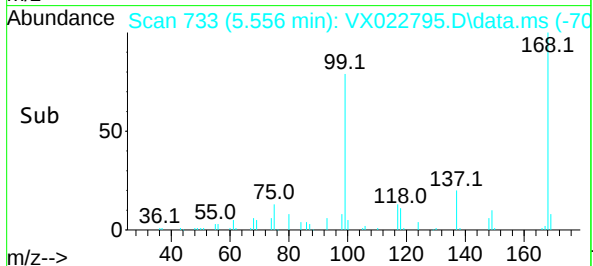
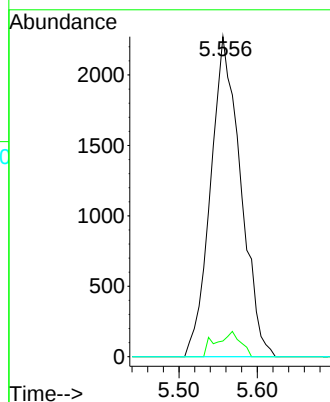
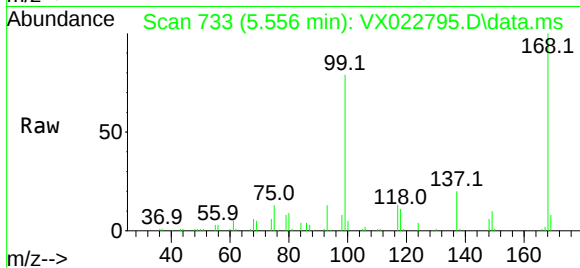
Delta R.T. -0.146 min

Lab File: VX022795.D

Acq: 21 Jun 2021 15:25

Tgt Ion:	75	Resp:	6067
Ion	Ratio	Lower	Upper
75	100		
110	6.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 7.106 ug/l

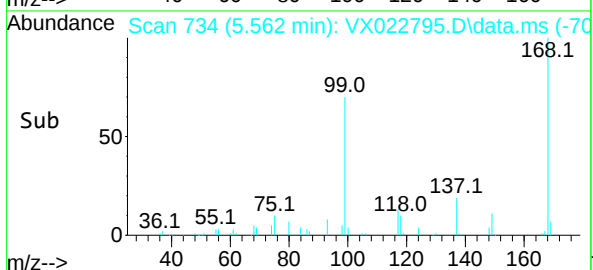
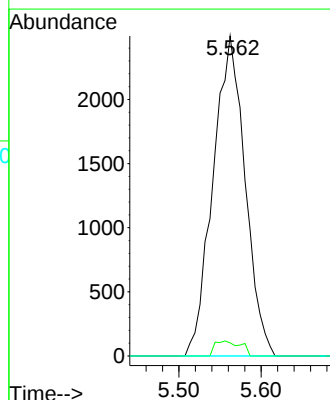
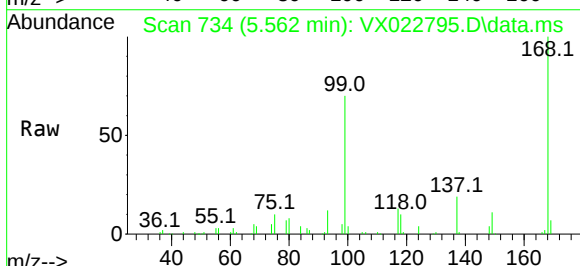
RT: 5.562 min Scan# 734

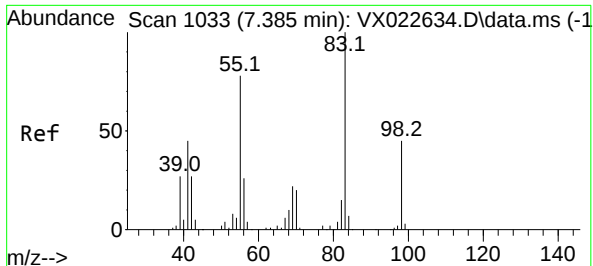
Delta R.T. -0.116 min

Lab File: VX022795.D

Acq: 21 Jun 2021 15:25

Tgt Ion:	117	Resp:	6767
Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 1.054 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022795.D

Acq: 21 Jun 2021 15:25

Tgt Ion: 83 Resp: 1224

Ion Ratio Lower Upper

83 100

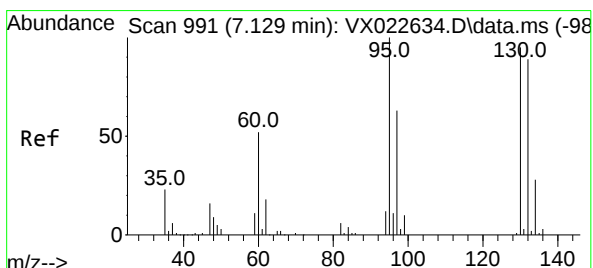
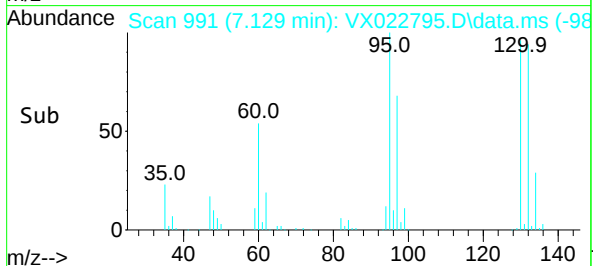
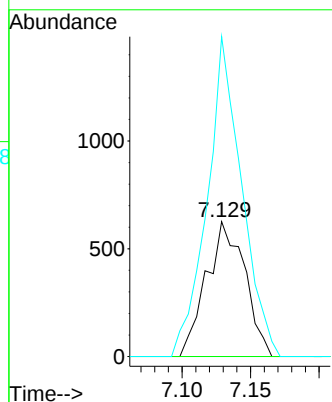
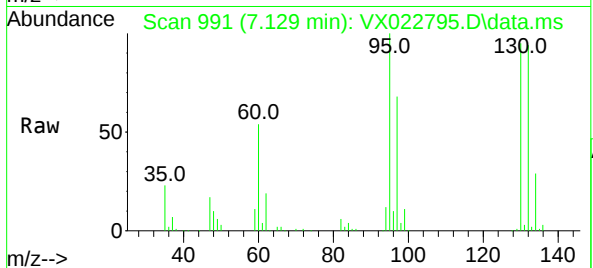
55 0.0 58.9 88.3#

98 237.1 38.1 57.1#

Instrument :

MSVOA_X

ClientSampled :



#44

Trichloroethene

Concen: 114.288 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022795.D

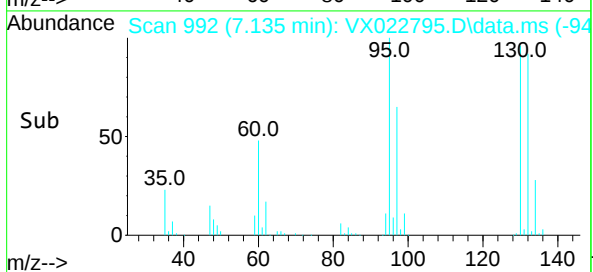
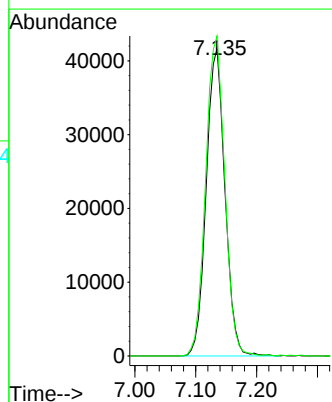
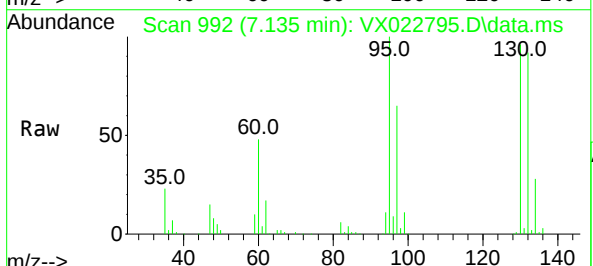
Acq: 21 Jun 2021 15:25

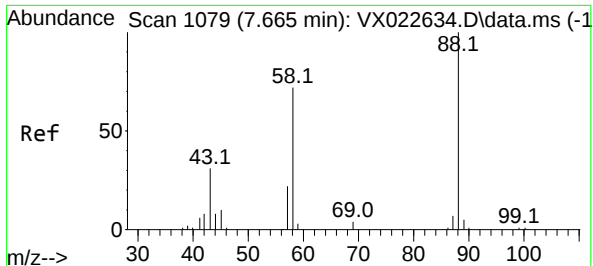
Tgt Ion:130 Resp: 88859

Ion Ratio Lower Upper

130 100

95 104.1 0.0 198.0

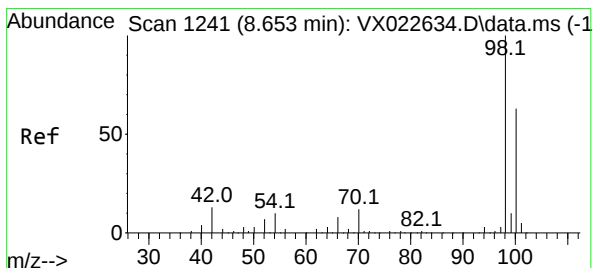
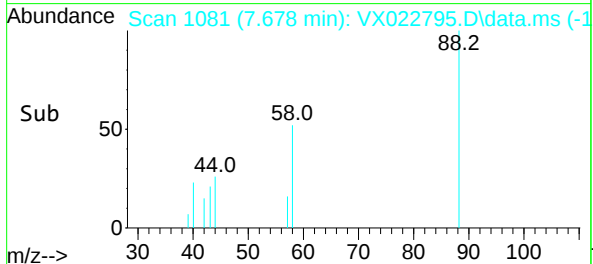
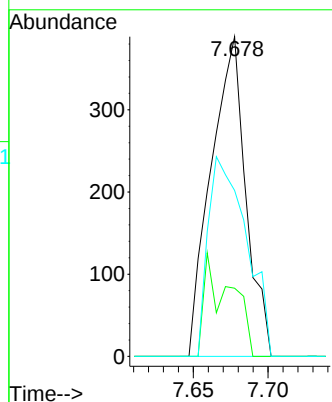
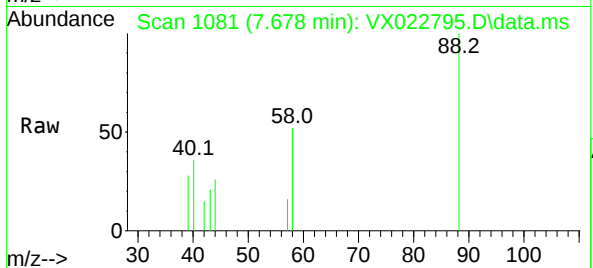




#49
1,4-Dioxane
Concen: 30.808 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

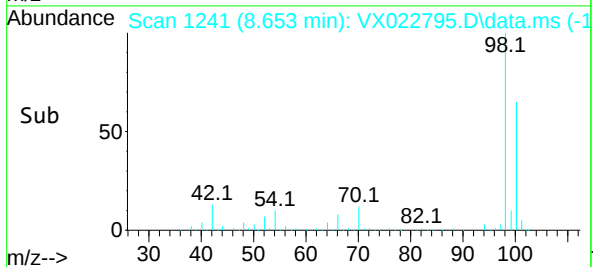
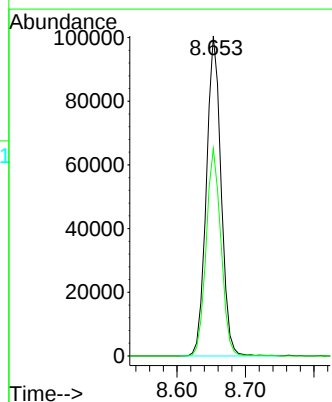
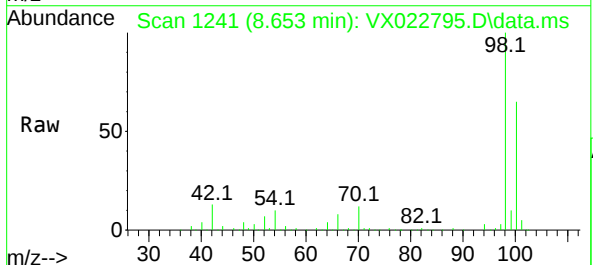
Instrument :
MSVOA_X
ClientSampled :

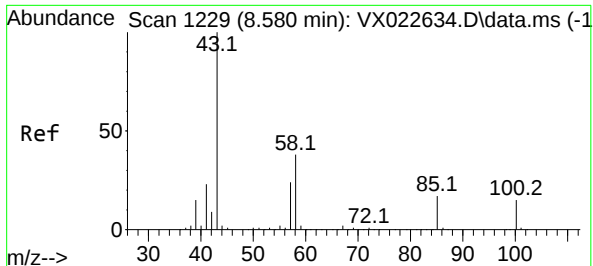
Tgt Ion: 88 Resp: 629
Ion Ratio Lower Upper
88 100
43 24.5 23.2 34.8
58 68.8 55.0 82.4



#50
Toluene-d8
Concen: 53.448 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion: 98 Resp: 150198
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

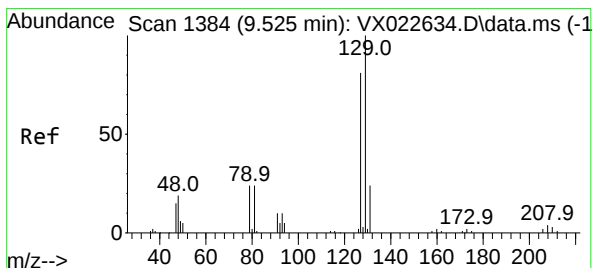
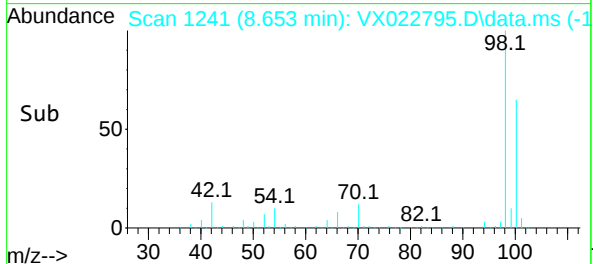
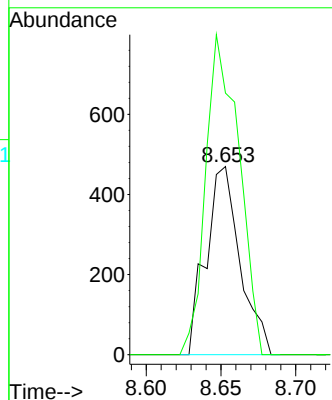
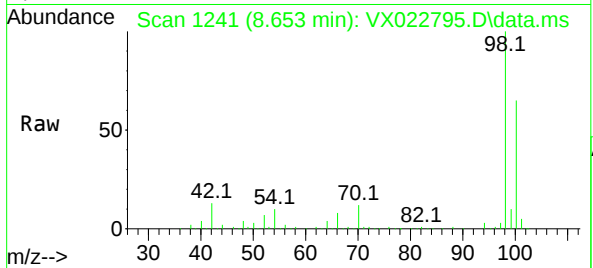




#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

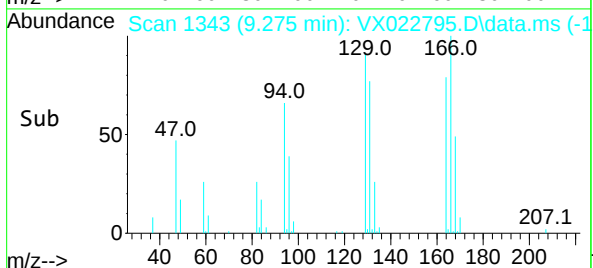
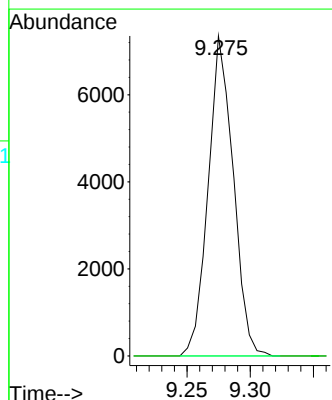
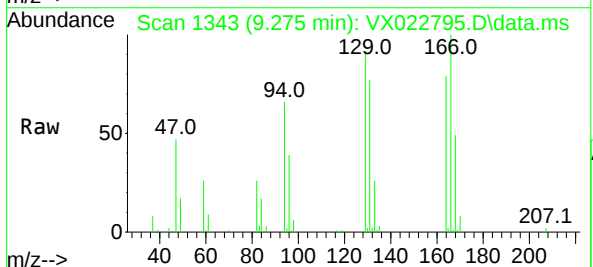
Instrument :
MSVOA_X
ClientSampled :

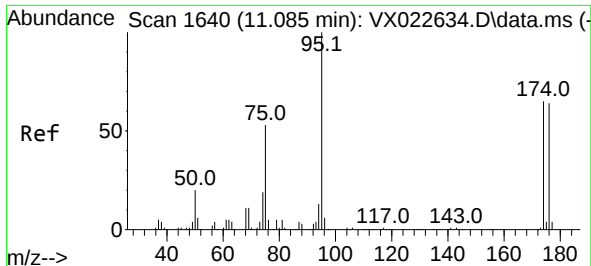
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 165.4 35.4 53.0#



#60
Dibromochloromethane
Concen: 14.637 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion: 129 Resp: 10144
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

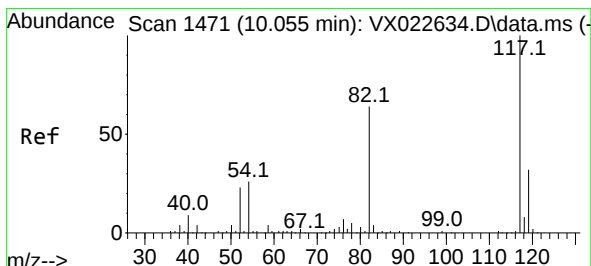
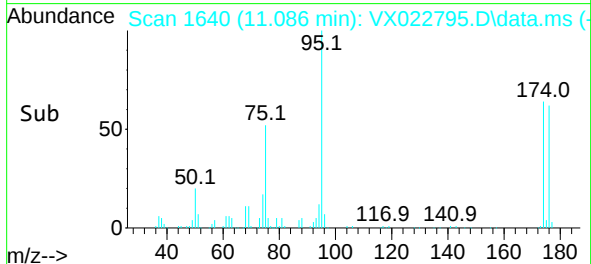
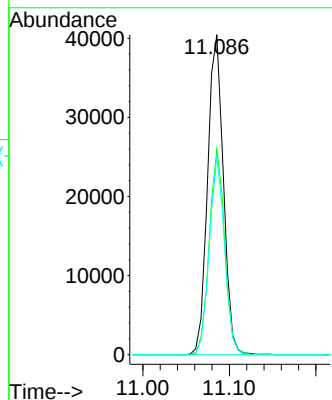
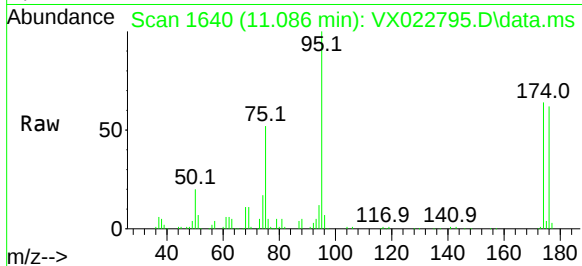




#62
4-Bromofluorobenzene
Concen: 48.092 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

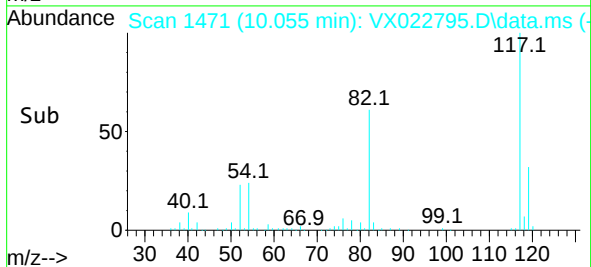
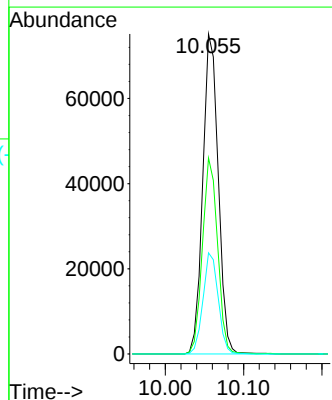
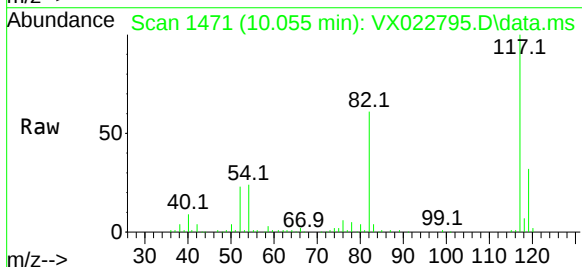
Instrument :
MSVOA_X
ClientSampleId :

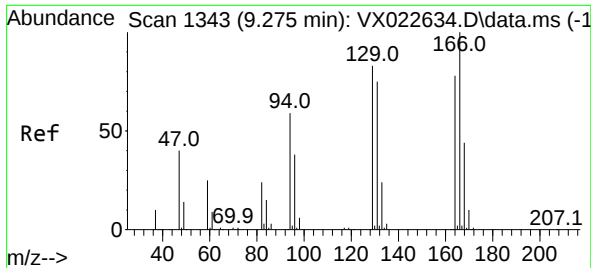
Tgt Ion: 95 Resp: 51112
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 59.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

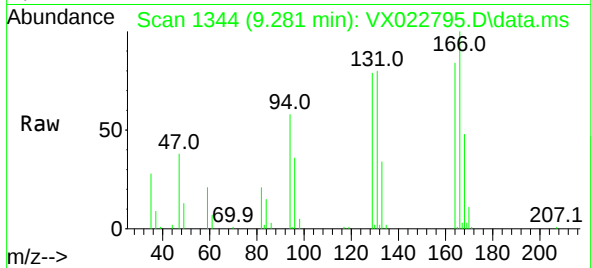
Tgt Ion: 117 Resp: 102944
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 31.6 26.6 39.8



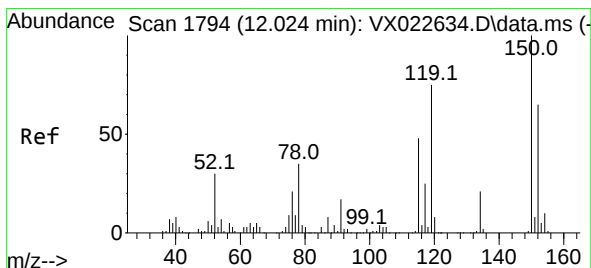
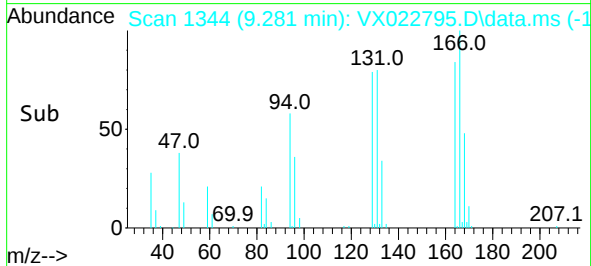
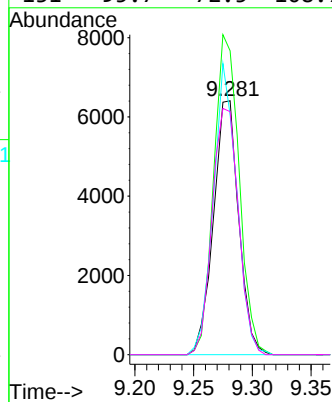


#64
Tetrachloroethene
Concen: 14.746 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

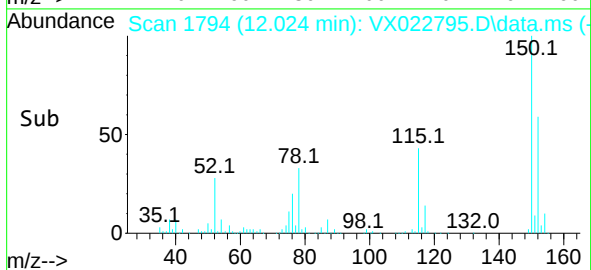
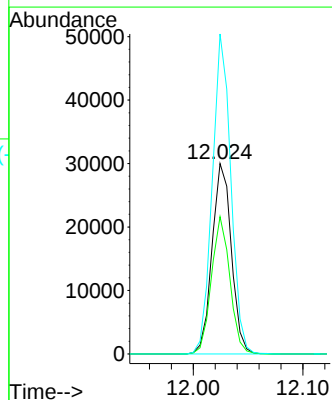
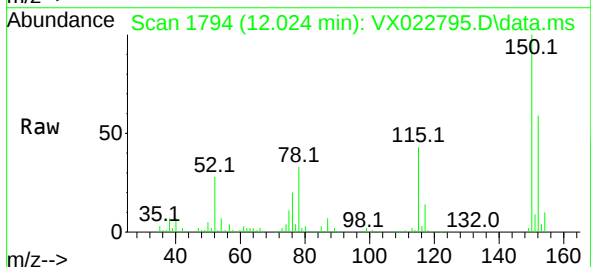


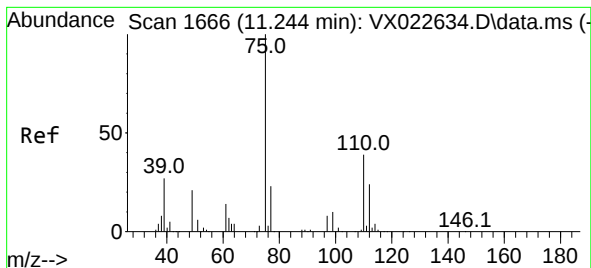
Tgt Ion:164 Resp: 9600
Ion Ratio Lower Upper
164 100
166 119.7 103.4 155.2
129 94.4 70.8 106.2
131 95.7 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion:152 Resp: 36712
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 161.5 0.0 349.0

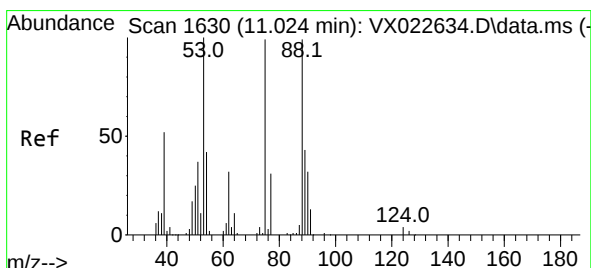
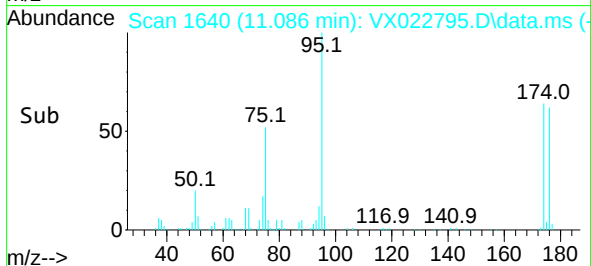
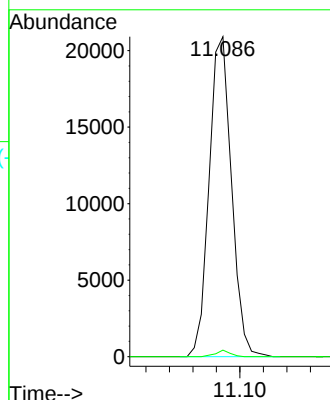
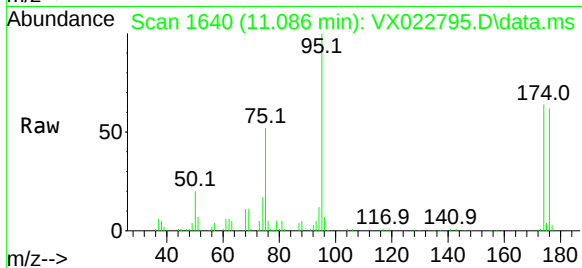




#76
1,2,3-Trichloropropane
Concen: 28.373 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 27618
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.631 ug/l
RT: 11.086 min Scan# 1640
Delta R.T. 0.062 min
Lab File: VX022795.D
Acq: 21 Jun 2021 15:25

Tgt Ion: 75 Resp: 27618
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

