

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024466.D
 Acq On : 23 Sep 2021 21:59
 Operator : JC/MD
 Sample : M3833-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D1-20210920

Quant Time: Sep 24 07:40:01 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)

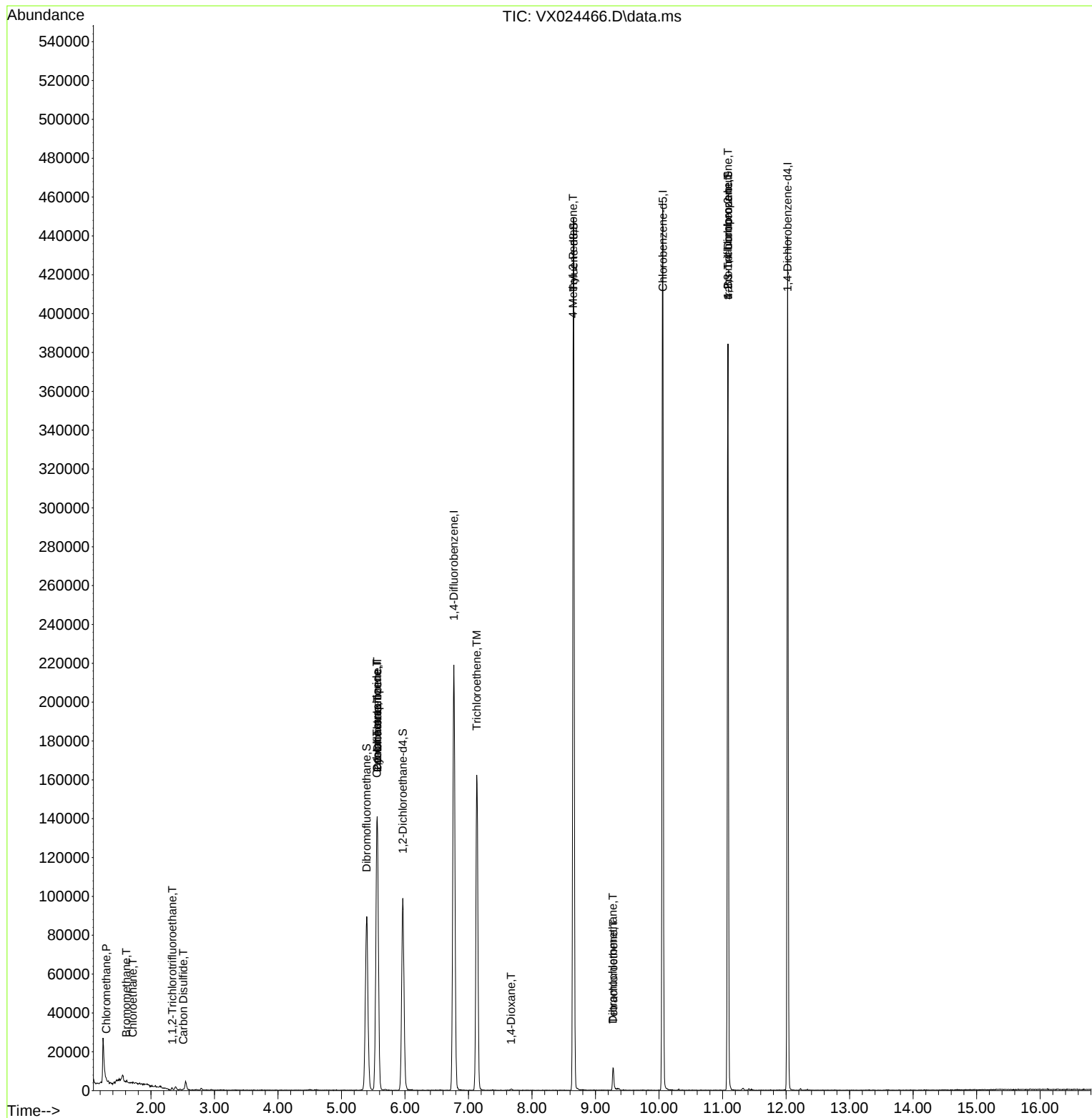
Internal Standards						
1) Pentafluorobenzene	5.562	168	130713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217943	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	208514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97661	53.012	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.020%
35) Dibromofluoromethane	5.397	113	76032	52.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	8.653	98	255394	47.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	97161	46.373	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	424	0.342	ug/l #	79
5) Bromomethane	1.611	94	182	0.209	ug/l #	80
6) Chloroethane	1.715	64	64	0.332	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.337	101	323	0.250	ug/l	100
11) Tert butyl alcohol	2.947	59	124	Below Cal	#	73
16) Acetone	2.386	43	1666	Below Cal		89
17) Carbon Disulfide	2.508	76	529	0.398	ug/l #	75
20) Methylene Chloride	2.794	84	433	Below Cal		90
31) Cyclohexane	5.562	56	3052	1.384	ug/l #	39
36) 1,1,3-Trichloropropene	5.562	75	10171	4.868	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13439	5.909	ug/l #	18
44) Trichloroethene	7.129	130	62678	38.130	ug/l	97
49) 1,4-Dioxane	7.671	88	530	11.784	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1213	0.463	ug/l #	1
60) Dibromochloromethane	9.275	129	1942	2.234	ug/l #	11
64) Tetrachloroethene	9.281	164	2091	1.449	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	51568	26.326	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51568	71.688	ug/l #	12

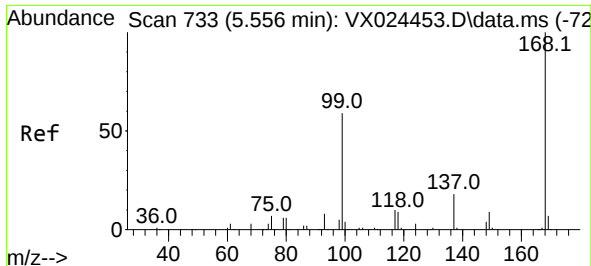
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE126D1-20210920

Quant Time: Sep 24 07:40:01 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

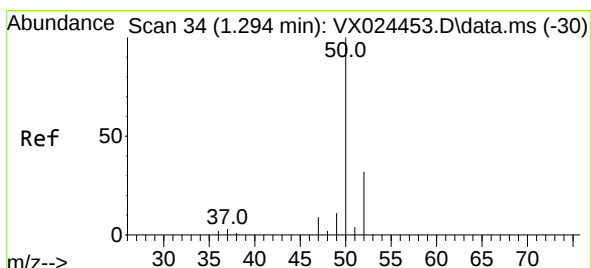
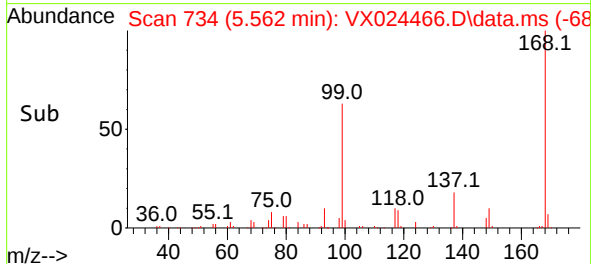
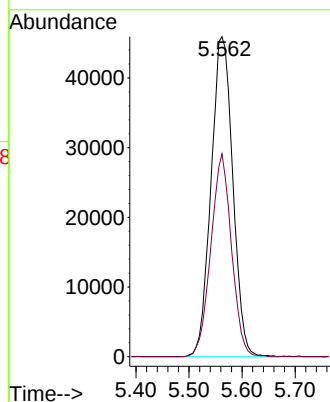
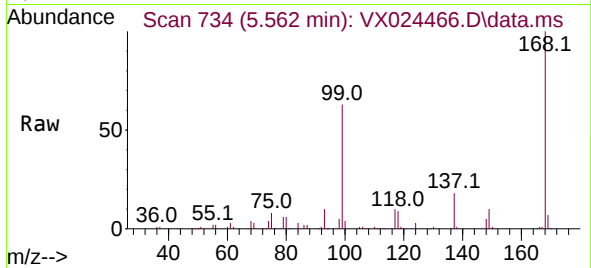




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

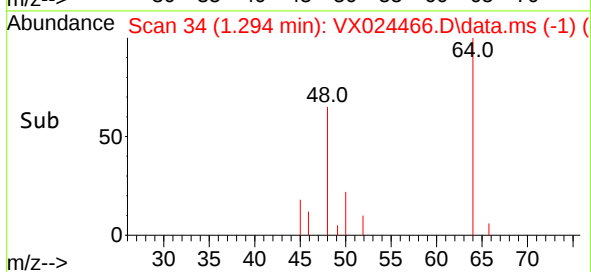
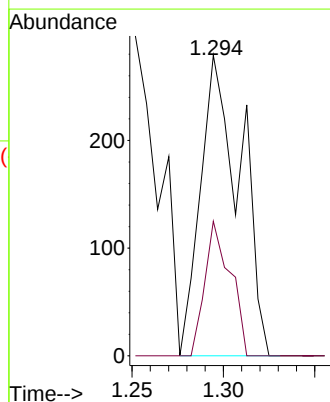
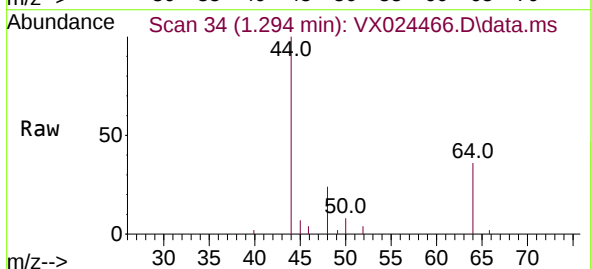
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

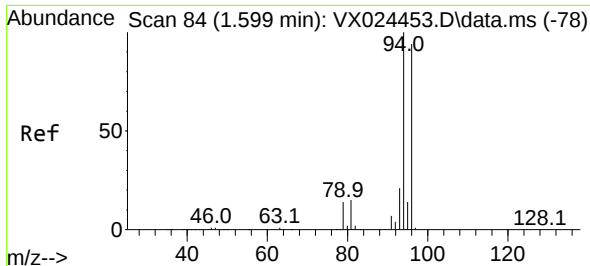
Tgt Ion:168 Resp: 130713
Ion Ratio Lower Upper
168 100
99 63.4 45.8 68.6



#3
Chloromethane
Concen: 0.342 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 44.8 26.4 39.6#

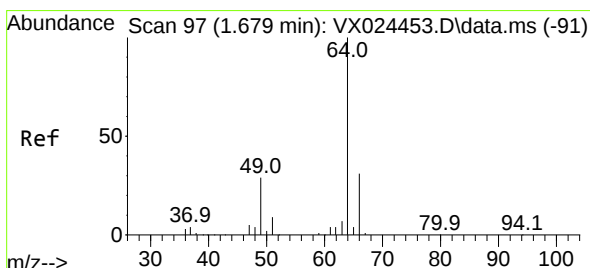
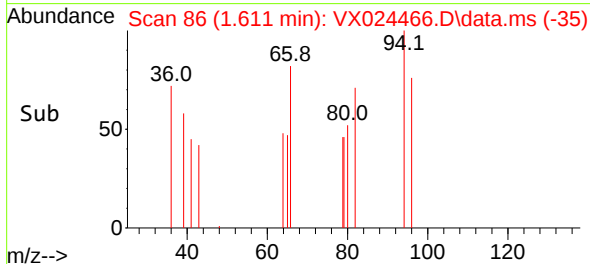
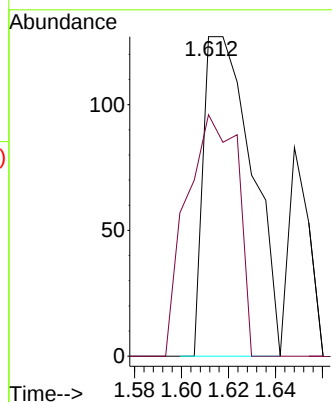
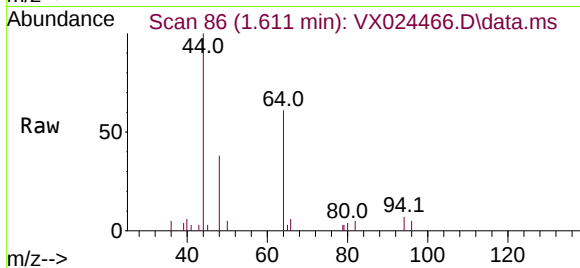




#5
Bromomethane
Concen: 0.209 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

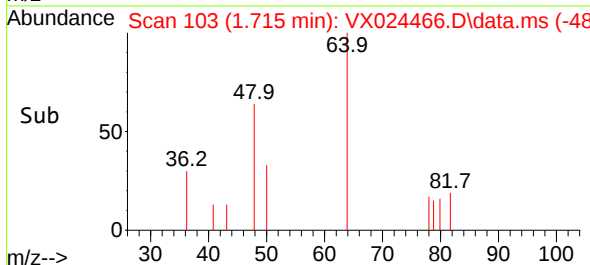
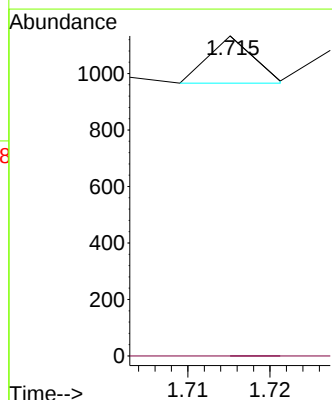
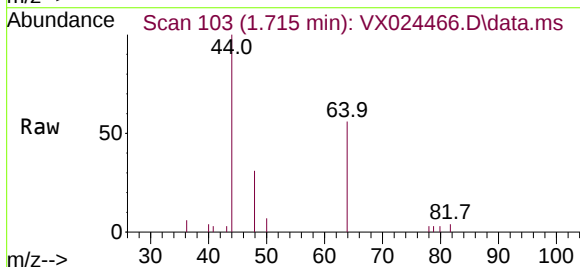
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

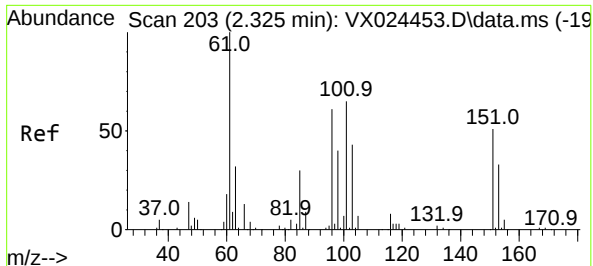
Tgt Ion: 94 Resp: 182
Ion Ratio Lower Upper
94 100
96 75.6 76.4 114.6#



#6
Chloroethane
Concen: 0.332 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.036 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

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

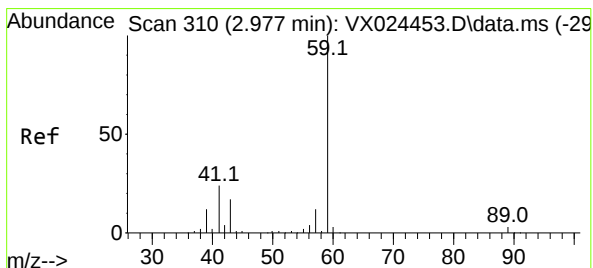
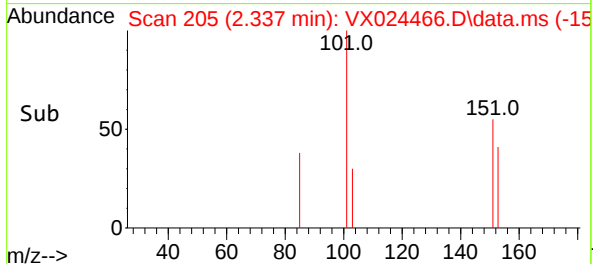
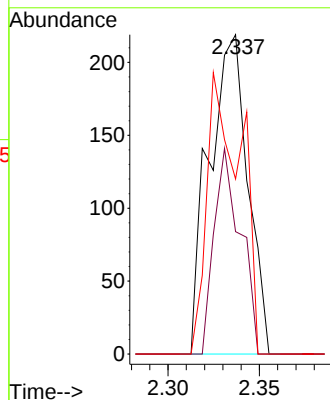
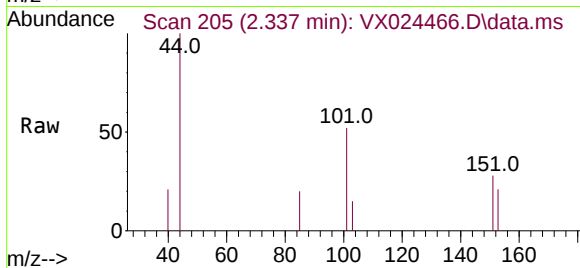




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.250 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

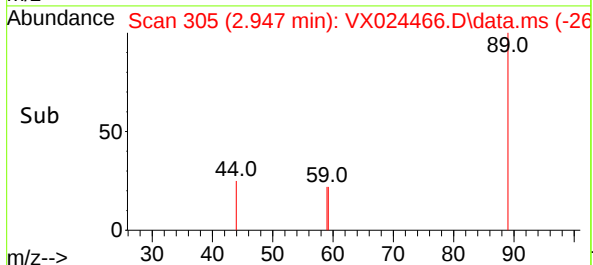
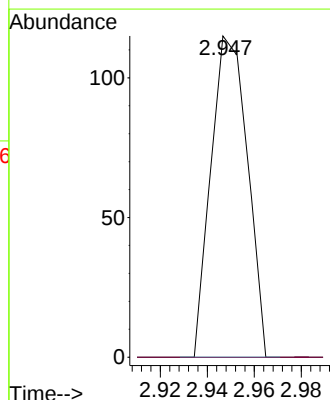
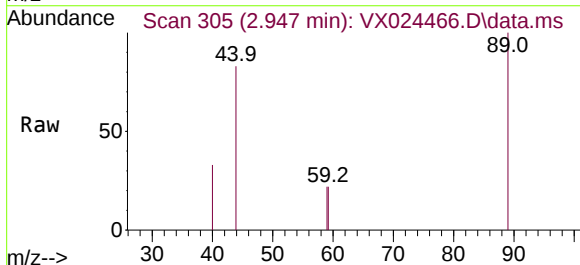
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

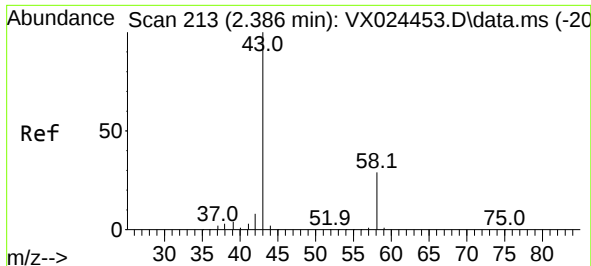
Tgt Ion:101 Resp: 323
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 77.1 61.4 92.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

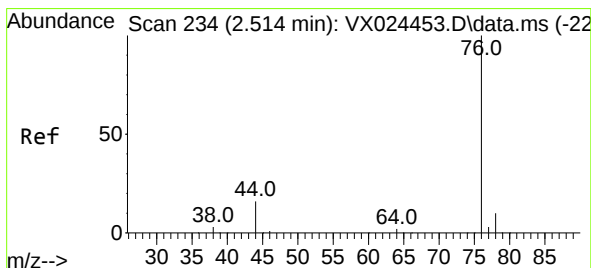
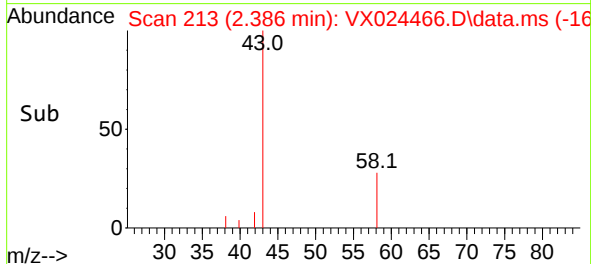
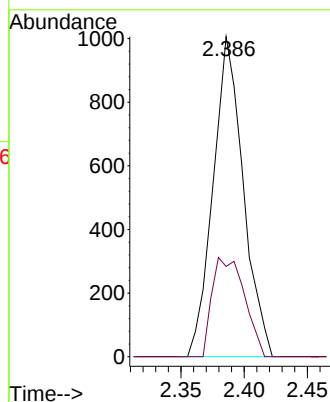
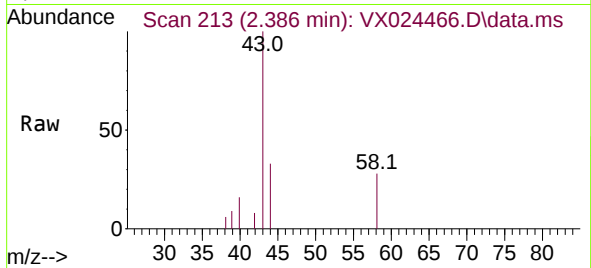




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

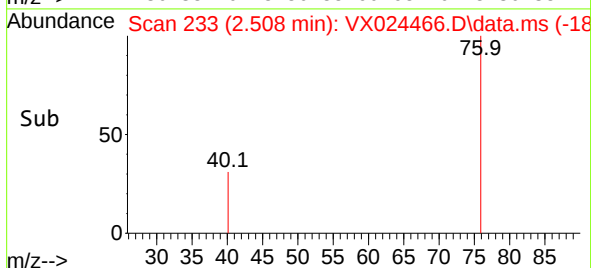
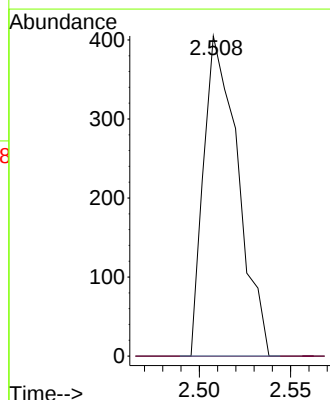
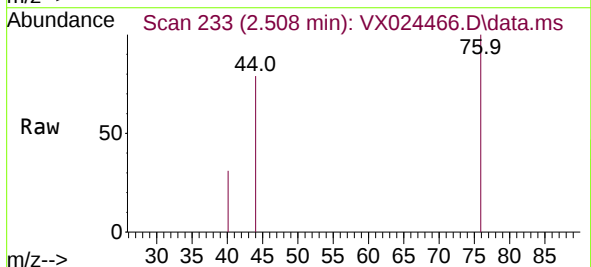
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

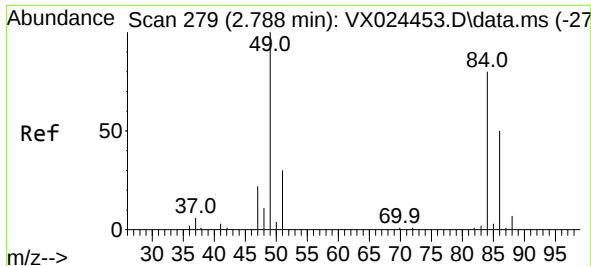
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 28.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.398 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

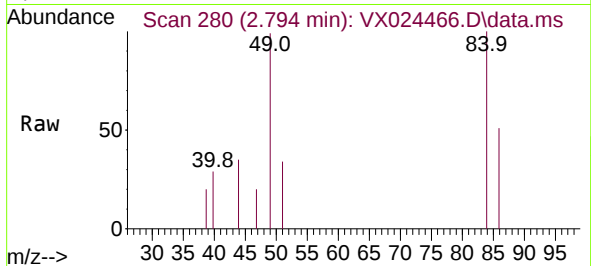
Tgt Ion: 76 Resp: 529
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



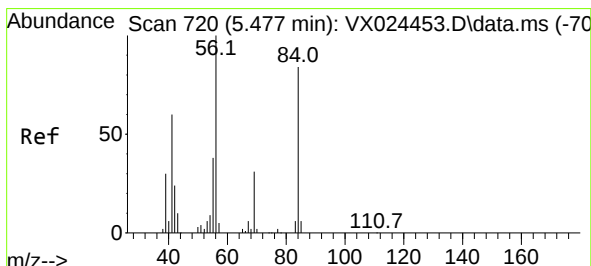
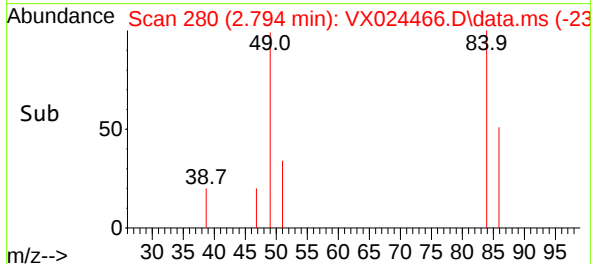
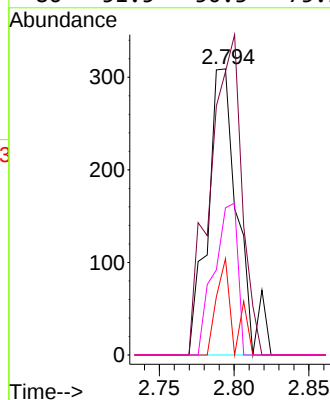


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

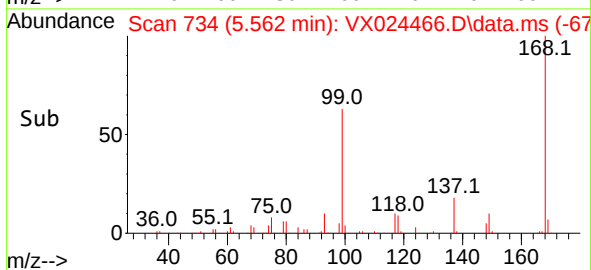
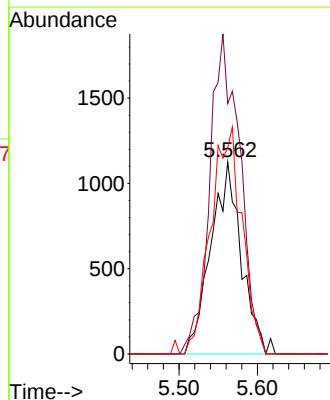
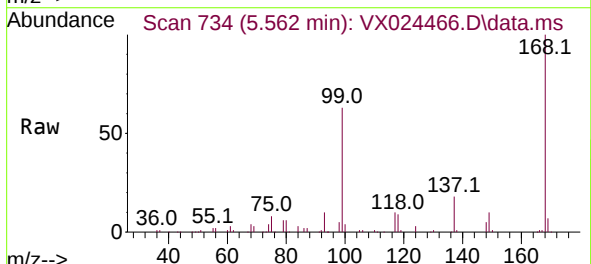


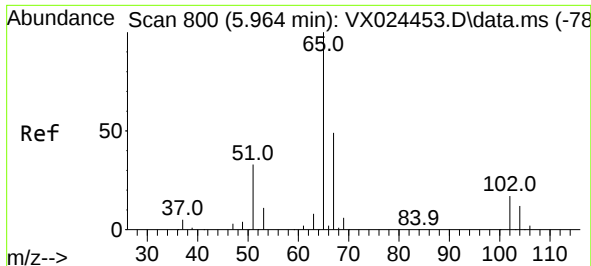
Tgt Ion: 84	Resp: 433
Ion Ratio	Lower Upper
84 100	
49 99.0	88.6 132.8
51 33.7	27.0 40.6
86 51.5	50.3 75.5



#31
Cyclohexane
Concen: 1.384 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 56	Resp: 3052
Ion Ratio	Lower Upper
56 100	
69 130.4	25.3 37.9#
84 107.5	71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.012 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024466.D

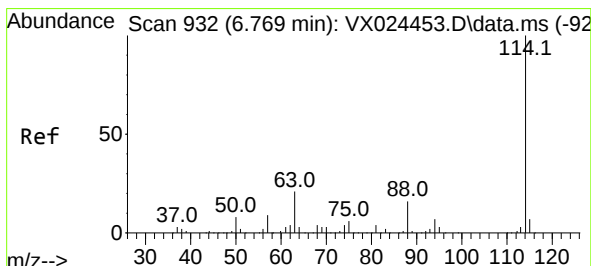
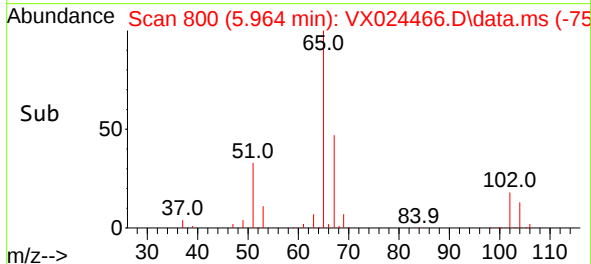
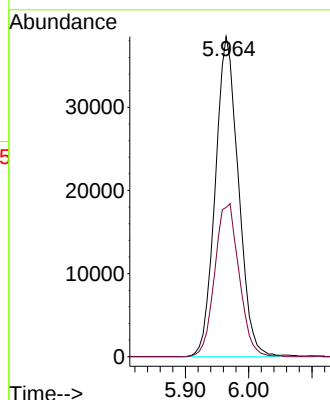
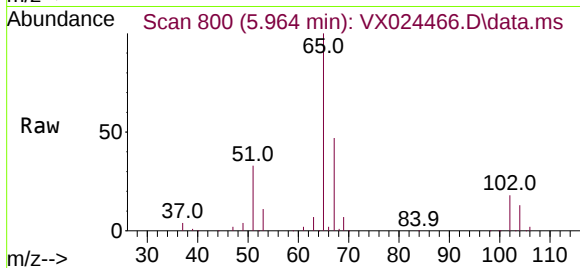
Acq: 23 Sep 2021 21:59

Tgt Ion: 65 Resp: 97661

Ion Ratio Lower Upper

65 100

67 50.5 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: VX024466.D

Acq: 23 Sep 2021 21:59

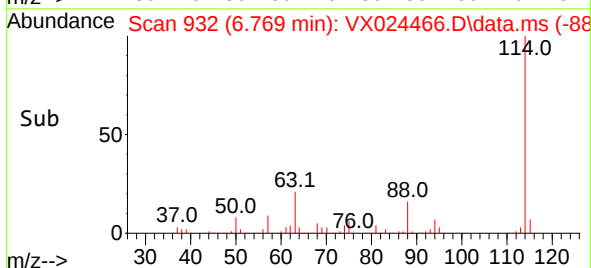
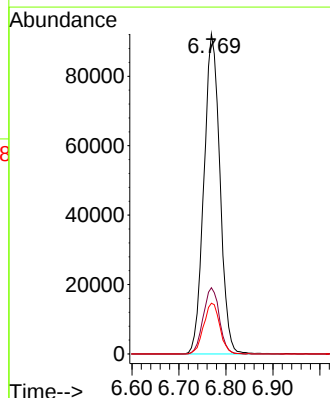
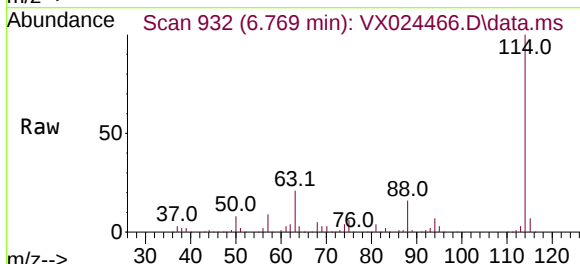
Tgt Ion: 114 Resp: 217943

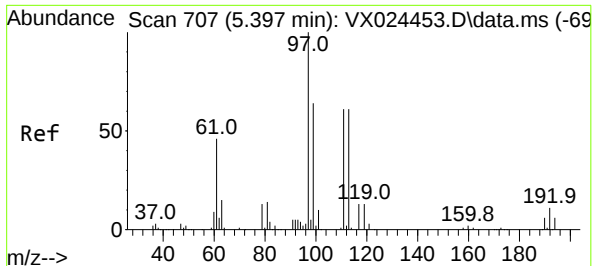
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

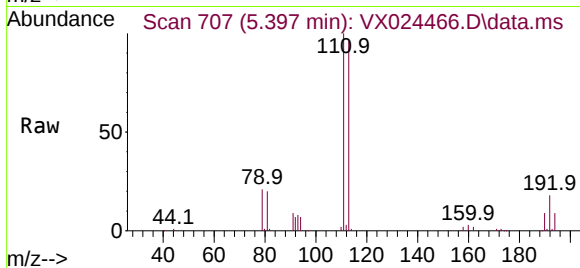
88 15.8 0.0 32.8



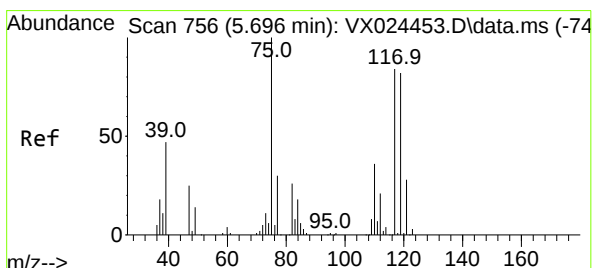
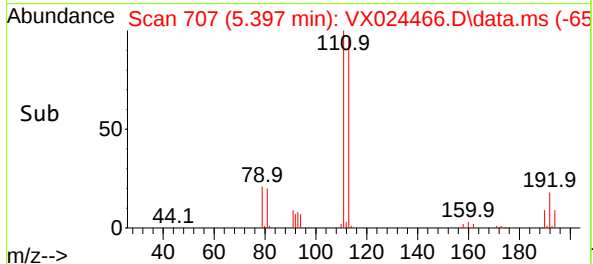
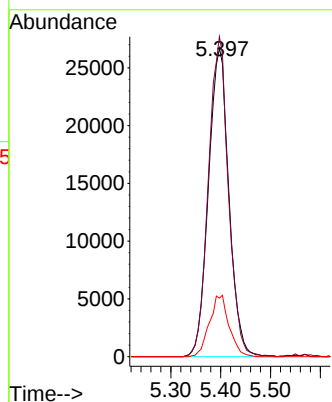


#35
Dibromofluoromethane
Concen: 52.514 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

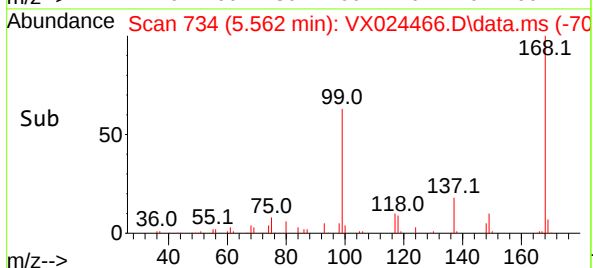
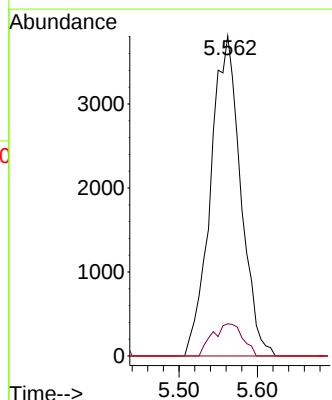
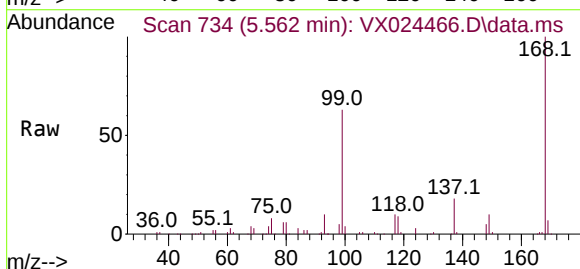


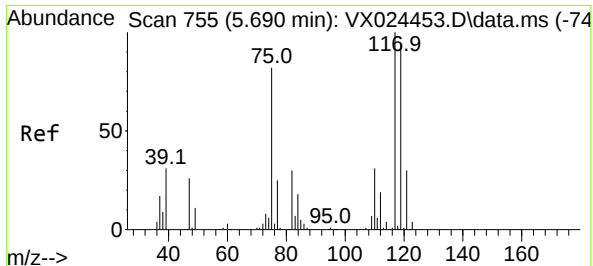
Tgt Ion:	113	Resp:	76032
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	19.2	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.868 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

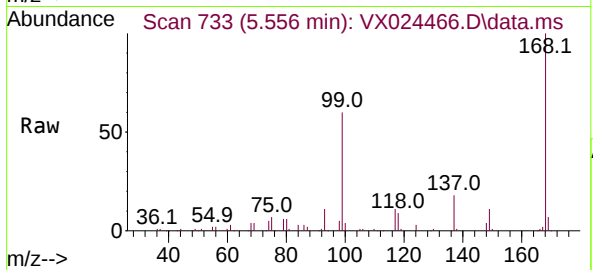
Tgt Ion:	75	Resp:	10171
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



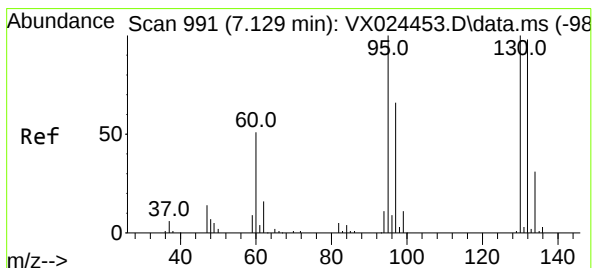
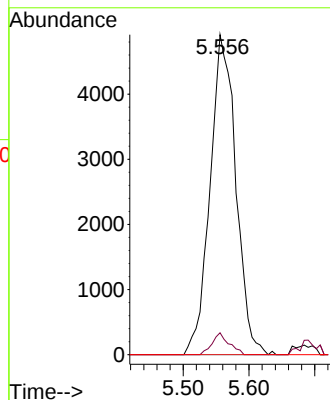
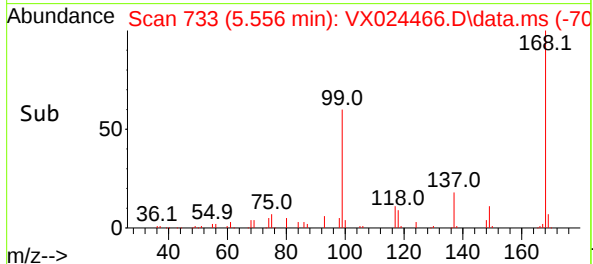


#38
Carbon Tetrachloride
Concen: 5.909 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

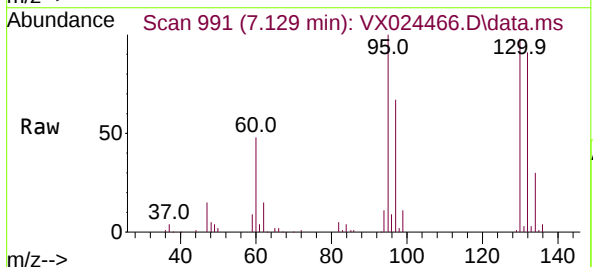
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920



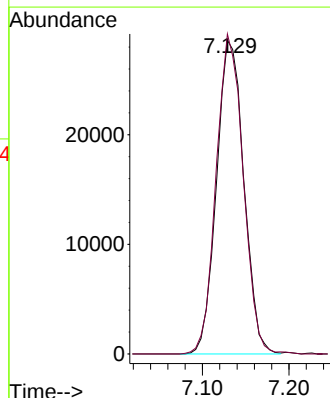
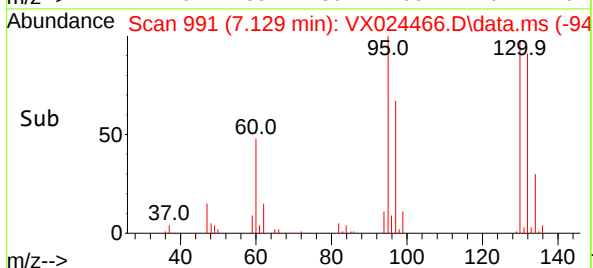
Tgt Ion:117 Resp: 13439
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.2#
121 0.0 24.8 37.2#

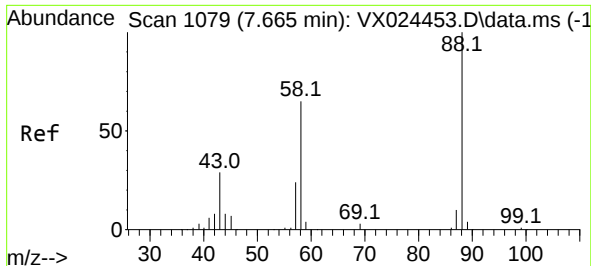


#44
Trichloroethene
Concen: 38.130 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59



Tgt Ion:130 Resp: 62678
Ion Ratio Lower Upper
130 100
95 102.0 0.0 198.0





#49

1,4-Dioxane

Concen: 11.784 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX024466.D

Acq: 23 Sep 2021 21:59

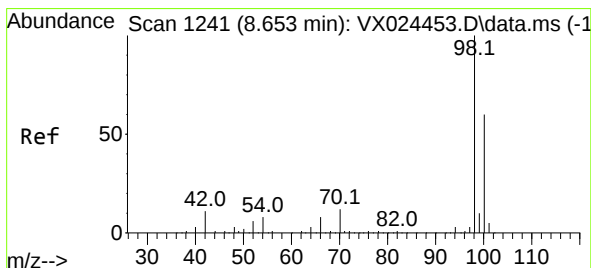
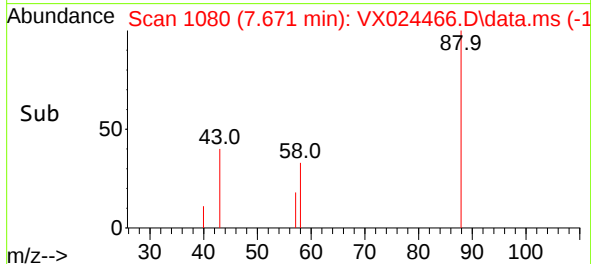
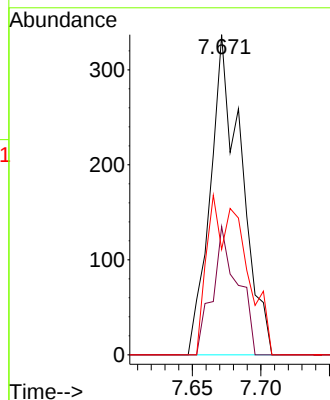
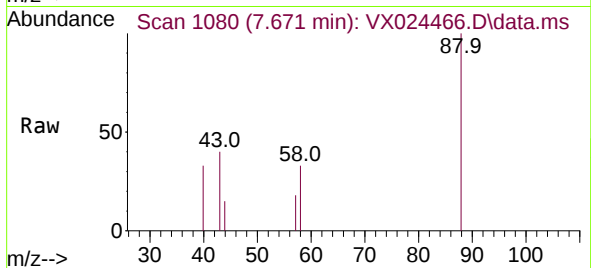
Tgt Ion: 88 Resp: 530

Ion Ratio Lower Upper

88 100

43 32.6 23.2 34.8

58 60.8 55.0 82.4



#50

Toluene-d8

Concen: 47.927 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024466.D

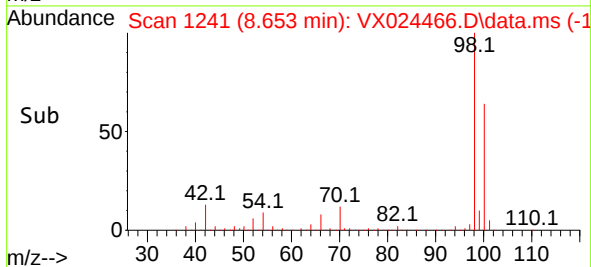
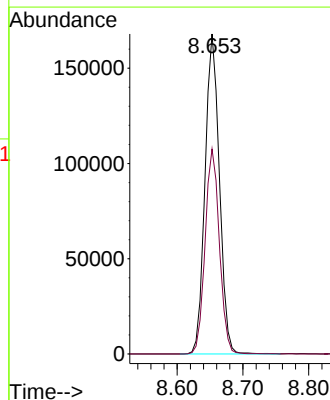
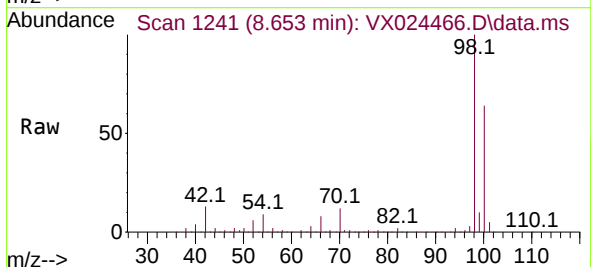
Acq: 23 Sep 2021 21:59

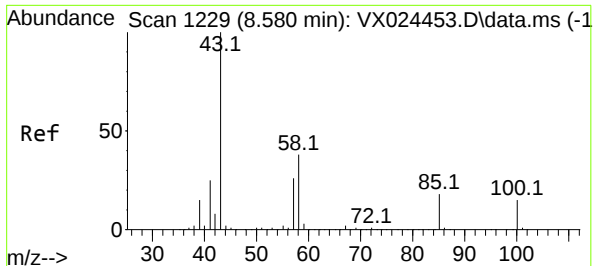
Tgt Ion: 98 Resp: 255394

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9

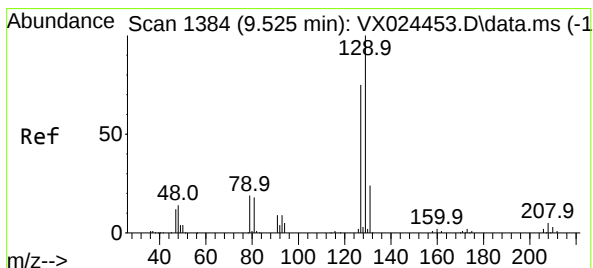
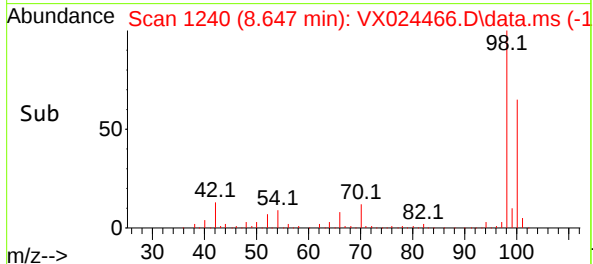
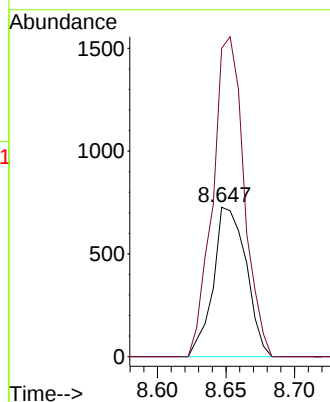
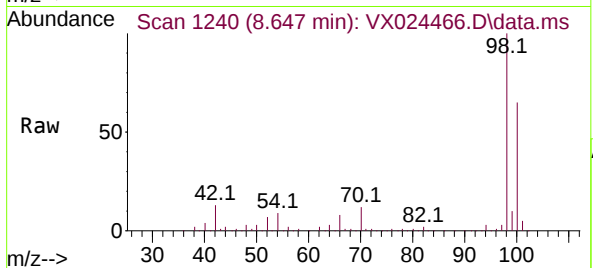




#51
4-Methyl-2-Pentanone
Concen: 0.463 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

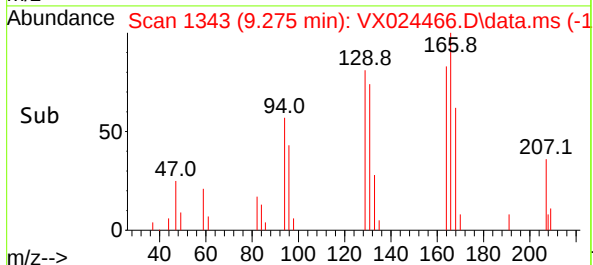
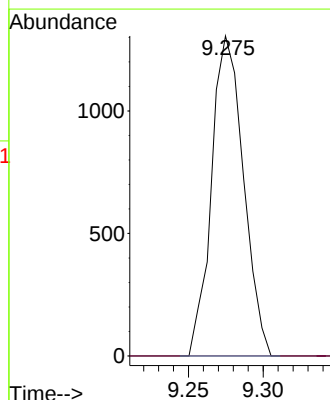
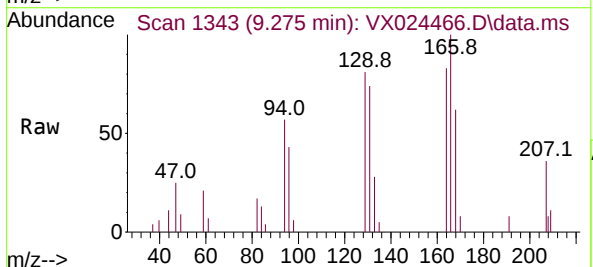
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

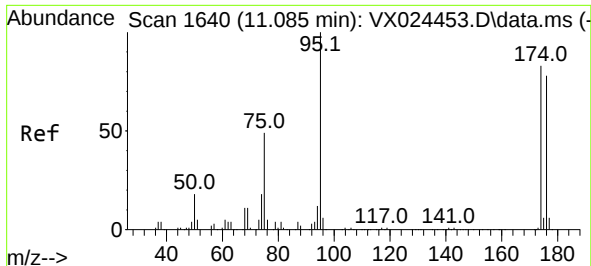
Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 203.7 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.234 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 129 Resp: 1942
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

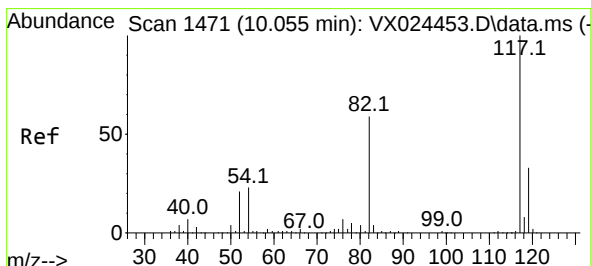
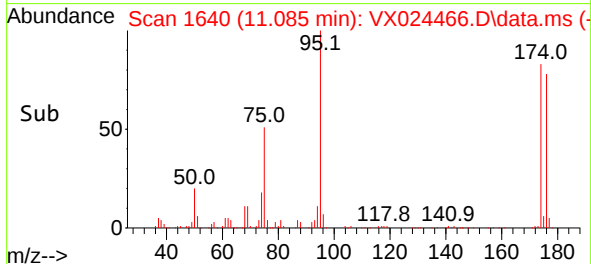
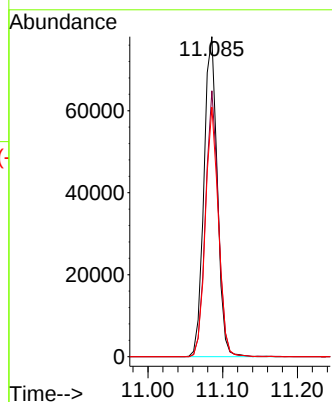
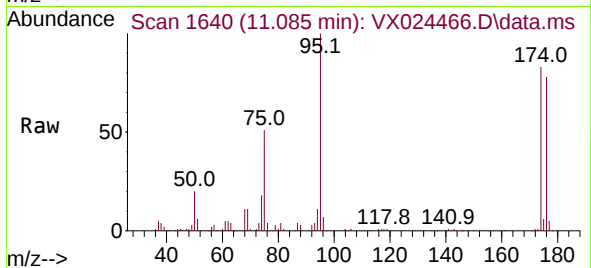




#62
4-Bromofluorobenzene
Concen: 46.373 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

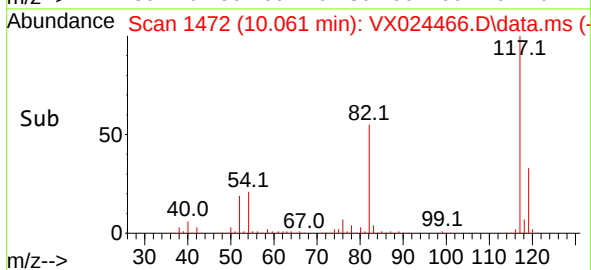
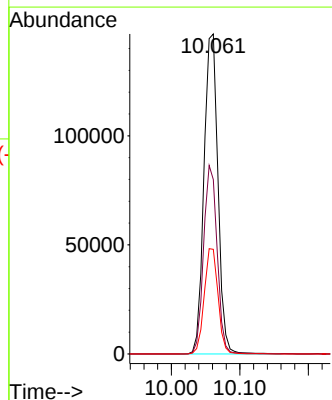
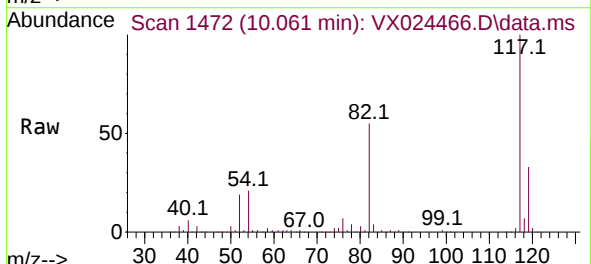
Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

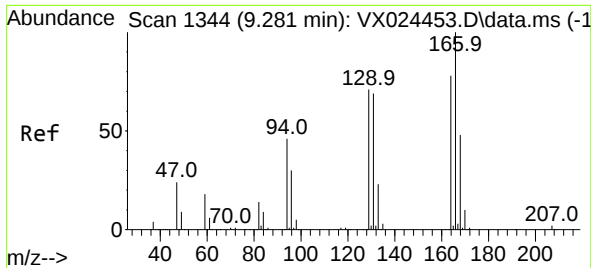
Tgt Ion: 95 Resp: 97161
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 117 Resp: 208514
Ion Ratio Lower Upper
117 100
82 54.5 47.4 71.2
119 32.7 26.6 39.8



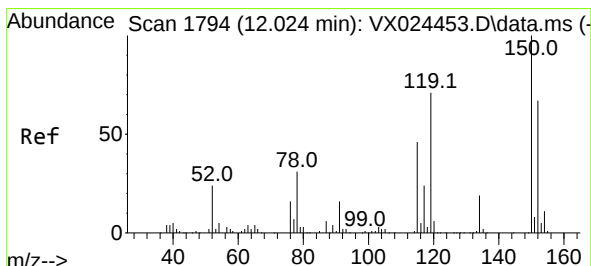
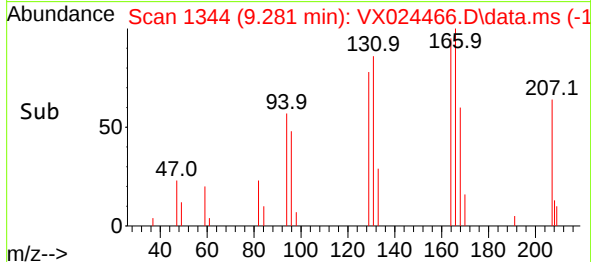
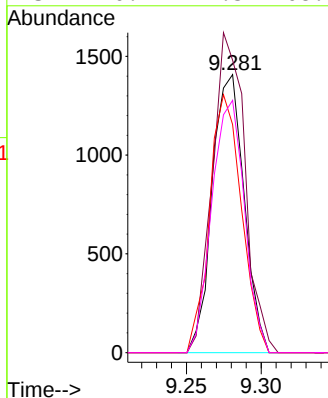
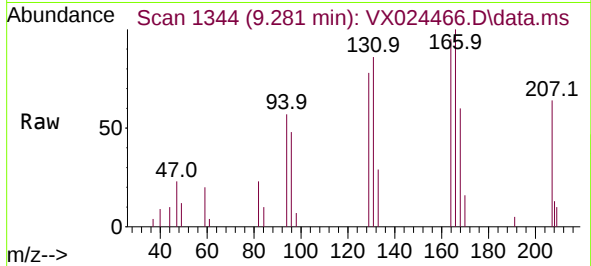


#64
Tetrachloroethene
Concen: 1.449 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

Tgt Ion:164 Resp: 2091

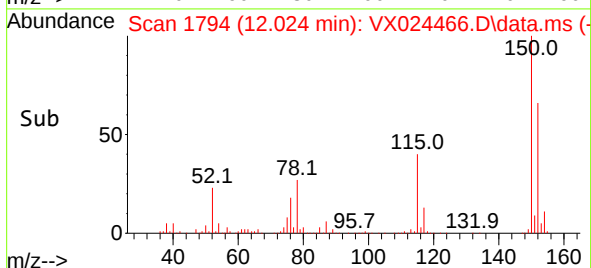
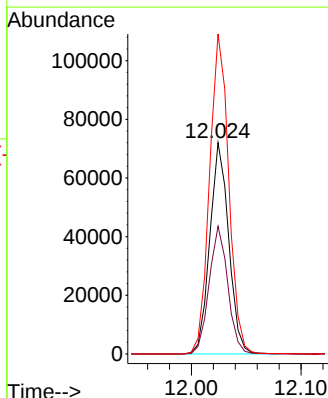
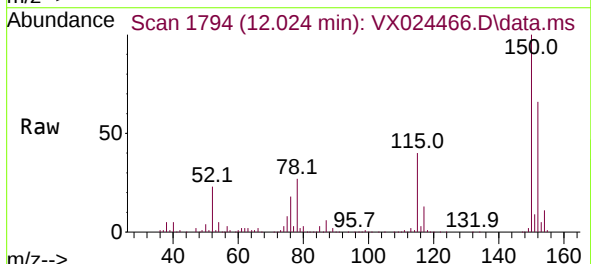
Ion	Ratio	Lower	Upper
164	100		
166	105.2	103.4	155.2
129	82.0	70.8	106.2
131	90.7	72.5	108.7

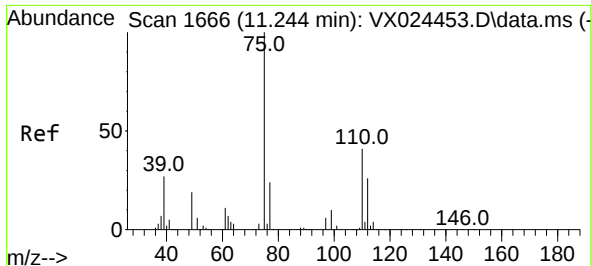


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion:152 Resp: 86255

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.1	123.3
150	154.2	0.0	349.0

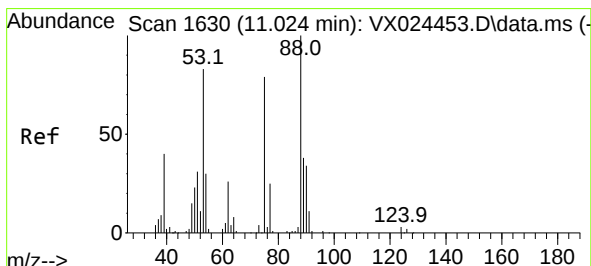
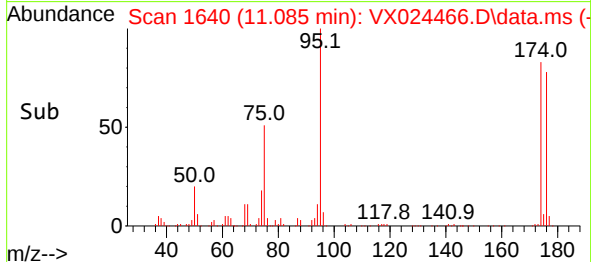
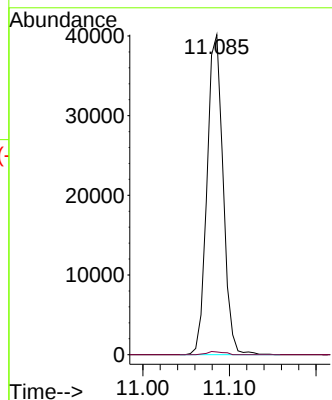
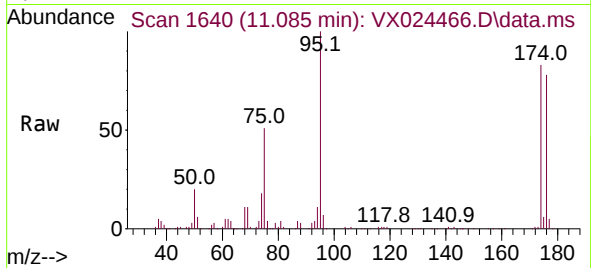




#76
1,2,3-Trichloropropane
Concen: 26.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Instrument :
MSVOA_X
ClientSampleId :
RE126D1-20210920

Tgt Ion: 75 Resp: 51568
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.688 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024466.D
Acq: 23 Sep 2021 21:59

Tgt Ion: 75 Resp: 51568
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

