

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024467.D
 Acq On : 23 Sep 2021 22:23
 Operator : JC/MD
 Sample : M3833-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D3-20210920

Quant Time: Sep 24 07:40:22 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)

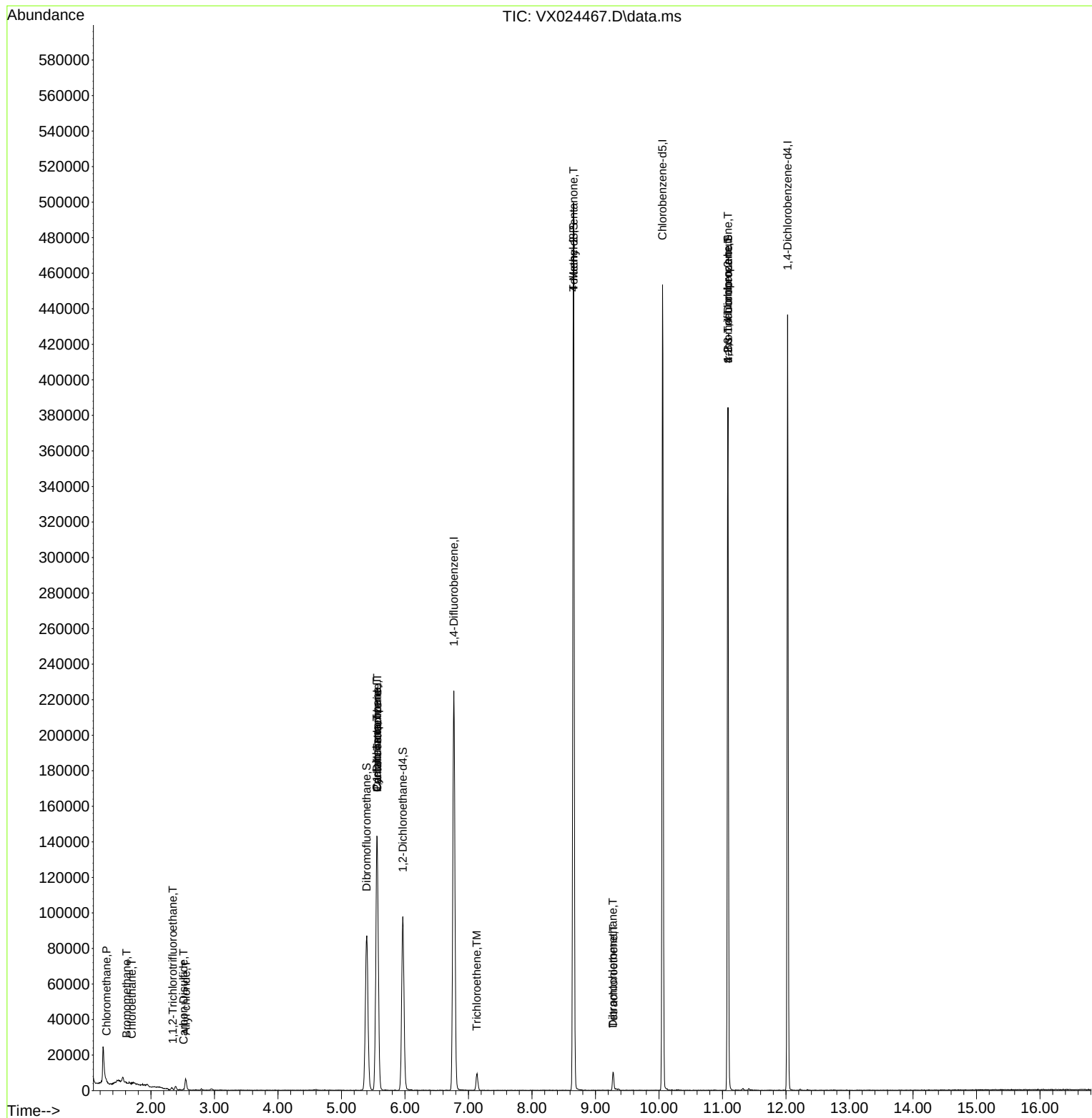
Internal Standards						
1) Pentafluorobenzene	5.562	168	131007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97094	52.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.180%	
35) Dibromofluoromethane	5.397	113	74937	50.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.653	98	284716	52.260	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.520%	
62) 4-Bromofluorobenzene	11.085	95	98074	45.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.560%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	385	0.310	ug/l #	42
5) Bromomethane	1.618	94	205	0.234	ug/l #	49
6) Chloroethane	1.697	64	612	0.962	ug/l #	66
9) 1,1,2-Trichlorotrifluo...	2.343	101	348	0.269	ug/l #	81
11) Tert butyl alcohol	2.953	59	511	Below Cal	#	73
14) Allyl chloride	2.550	41	779	0.355	ug/l #	62
16) Acetone	2.386	43	2296	Below Cal	#	87
17) Carbon Disulfide	2.514	76	425	0.364	ug/l #	52
20) Methylene Chloride	2.788	84	298	Below Cal	#	32
31) Cyclohexane	5.556	56	2674	1.209	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10344	4.843	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13609	5.853	ug/l #	15
44) Trichloroethene	7.129	130	3627	2.158	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	1432	0.535	ug/l #	1
60) Dibromochloromethane	9.275	129	1679	2.073	ug/l #	11
64) Tetrachloroethene	9.281	164	1883	1.371	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	52051	26.887	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	52051	73.174	ug/l #	12

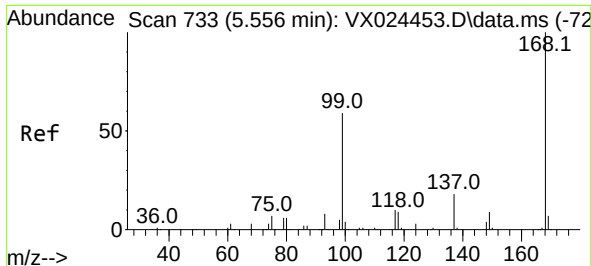
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

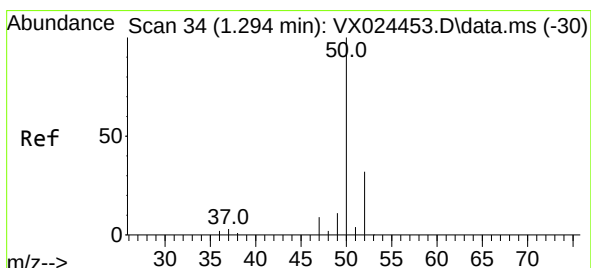
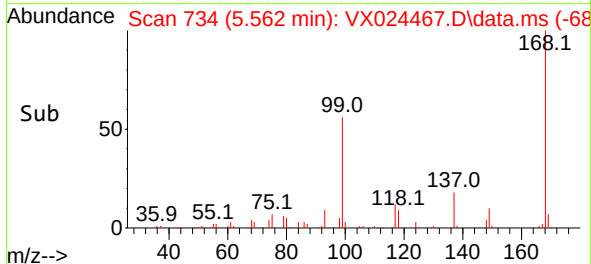
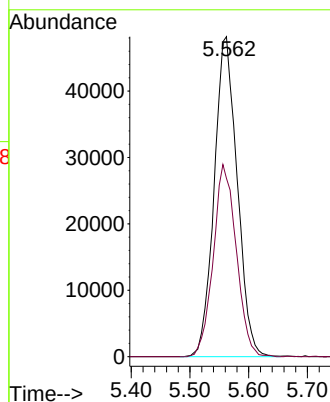
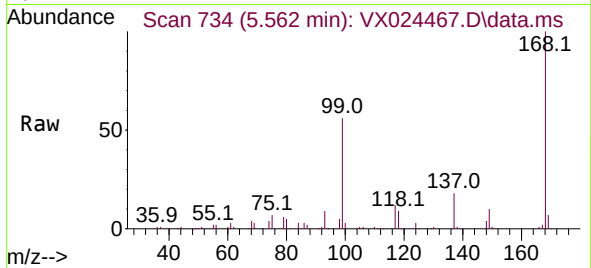




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

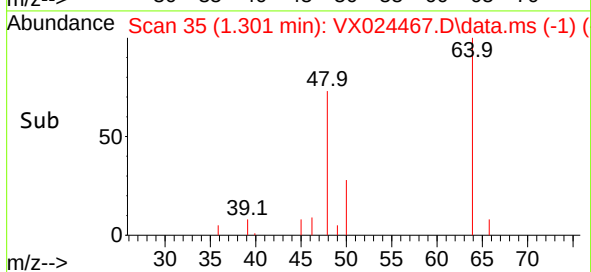
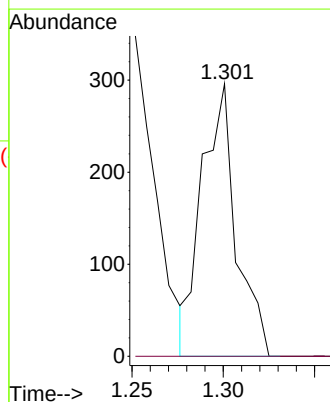
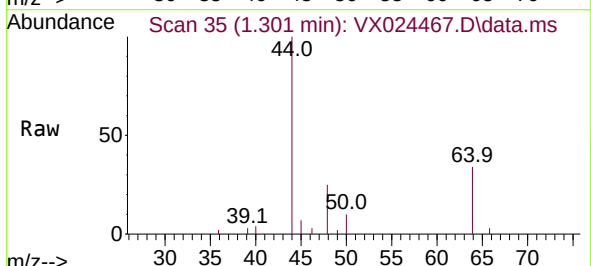
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

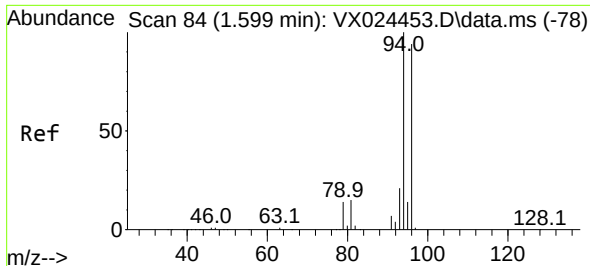
Tgt Ion:168 Resp: 131007
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

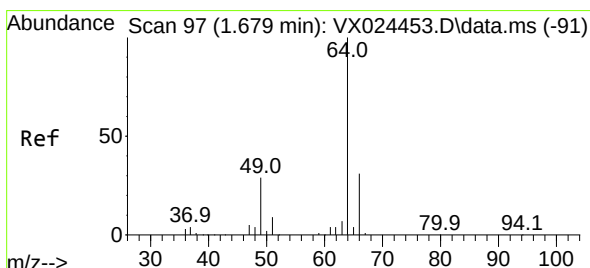
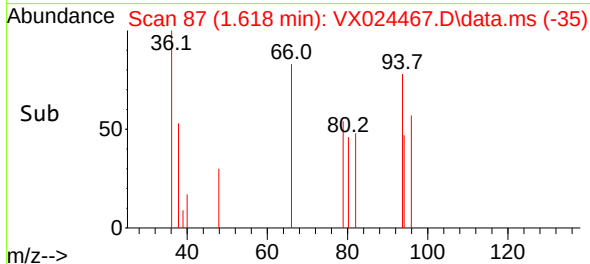
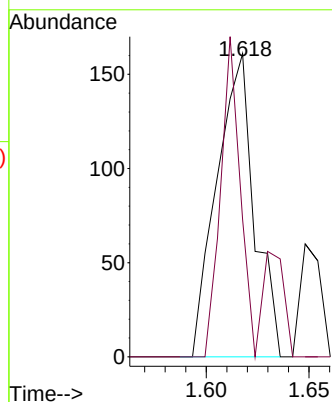
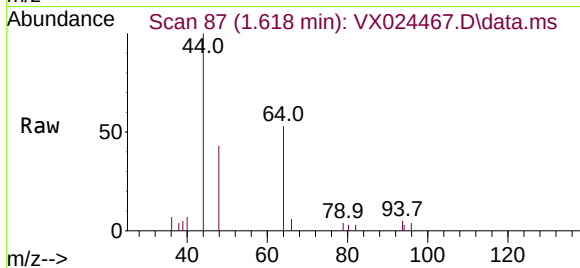




#5
Bromomethane
Concen: 0.234 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

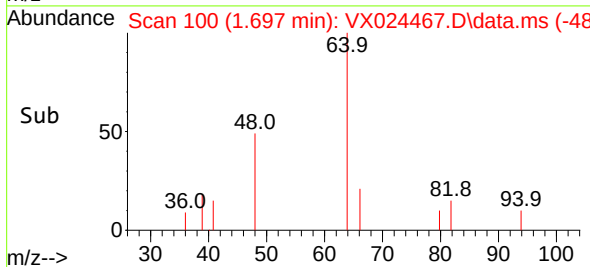
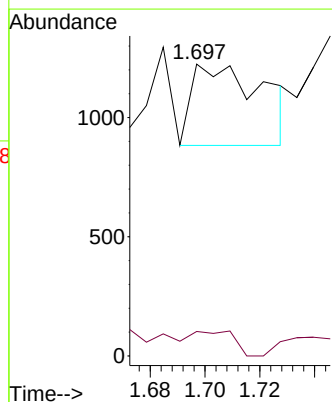
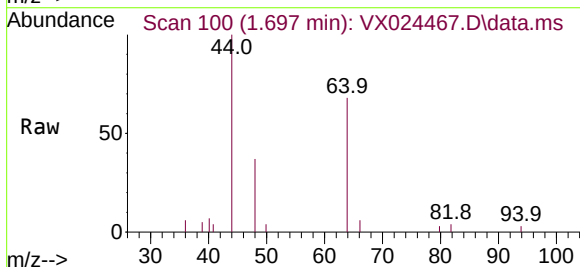
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

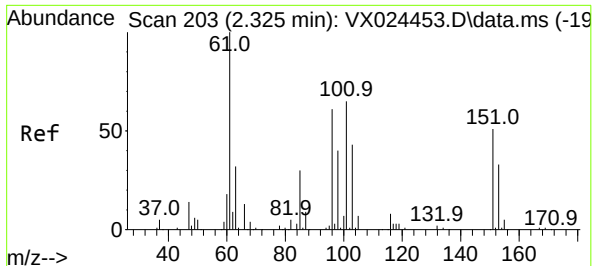
Tgt Ion: 94 Resp: 205
Ion Ratio Lower Upper
94 100
96 45.3 76.4 114.6#



#6
Chloroethane
Concen: 0.962 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 64 Resp: 612
Ion Ratio Lower Upper
64 100
66 12.6 25.4 38.0#

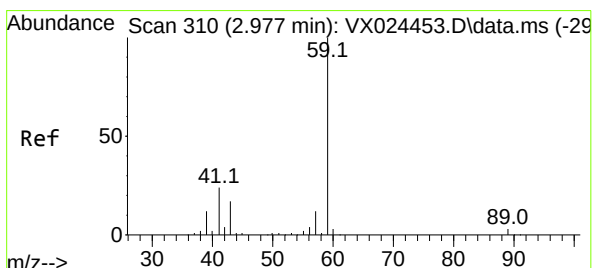
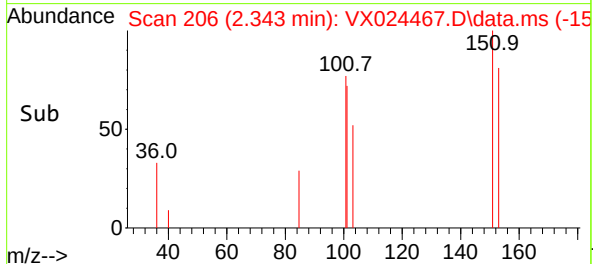
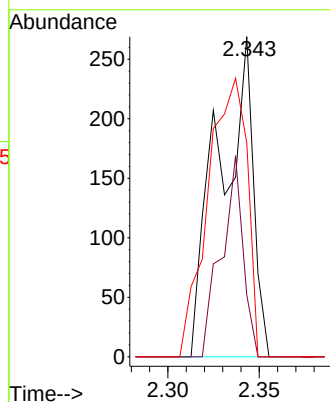
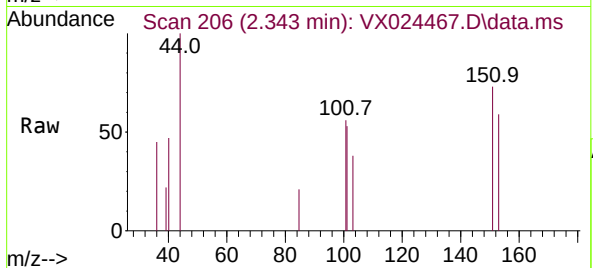




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.269 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.018 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

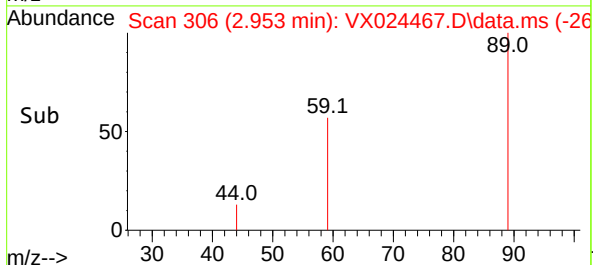
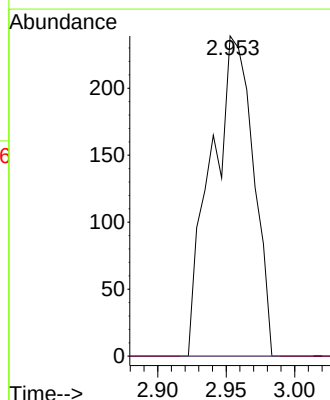
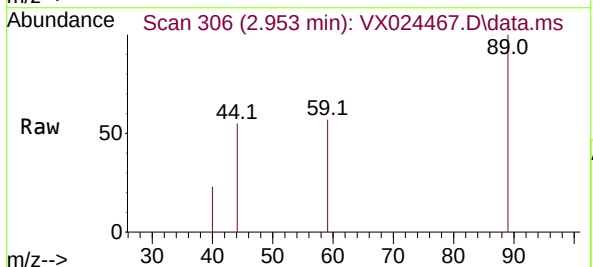
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

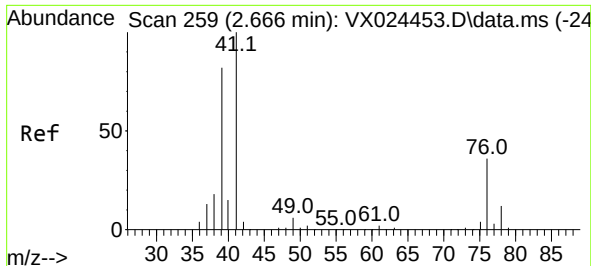
Tgt Ion:101 Resp: 348
Ion Ratio Lower Upper
101 100
85 40.2 34.9 52.3
151 100.0 61.4 92.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

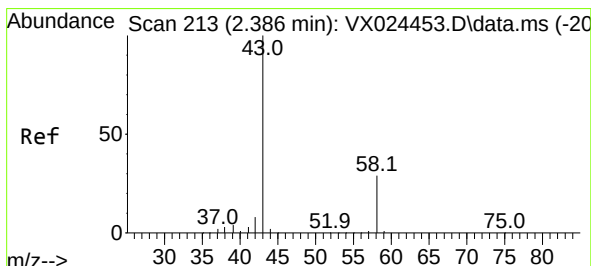
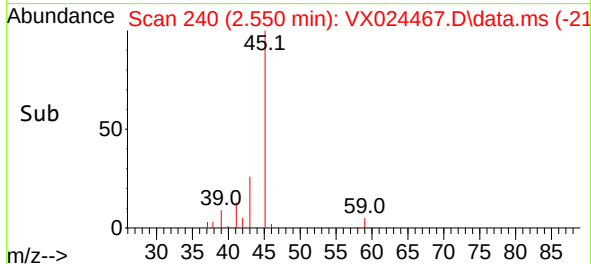
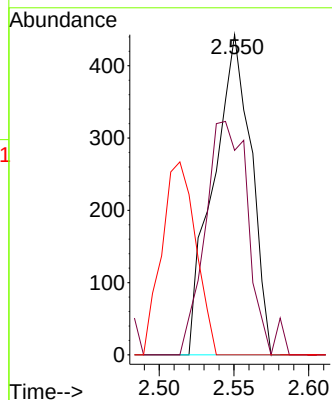
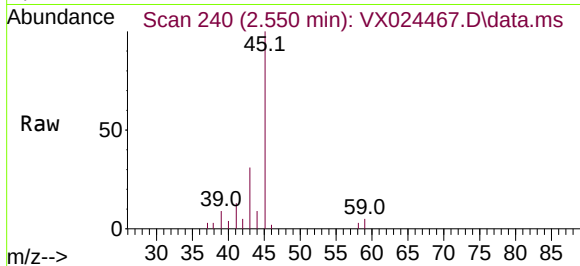




#14
 Allyl chloride
 Concen: 0.355 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024467.D
 Acq: 23 Sep 2021 22:23

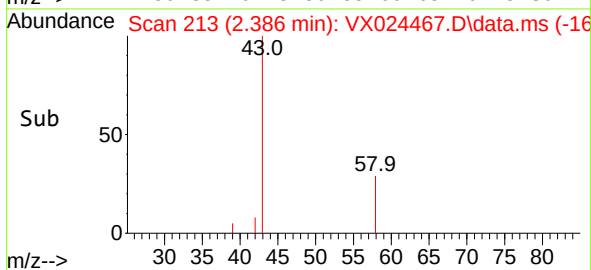
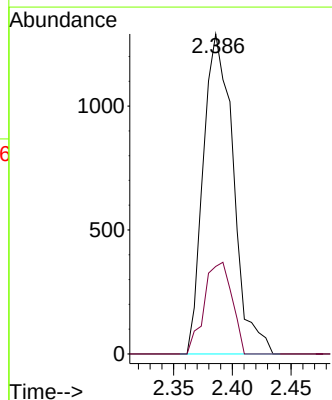
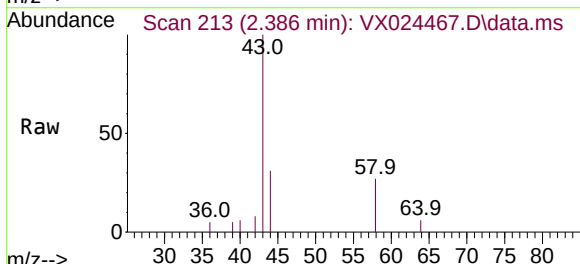
Instrument :
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 ClientSampleId :
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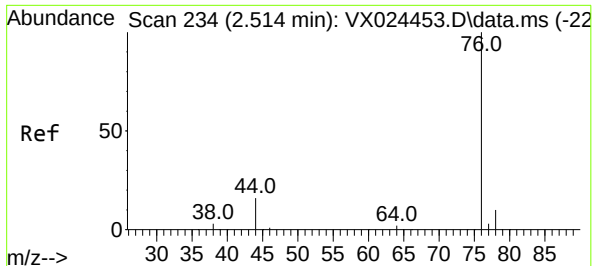
Tgt Ion:	41	Resp:	779
Ion	Ratio	Lower	Upper
41	100		
39	83.3	51.6	77.4#
76	0.0	30.5	45.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024467.D
 Acq: 23 Sep 2021 22:23

Tgt Ion:	43	Resp:	2296
Ion	Ratio	Lower	Upper
43	100		
58	27.3	27.8	41.8#

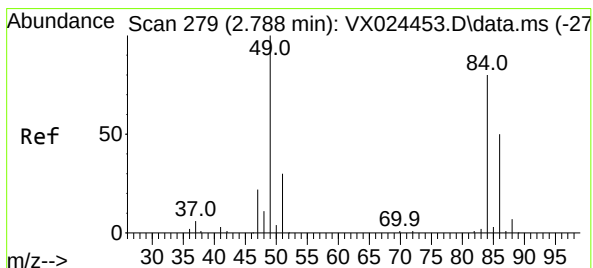
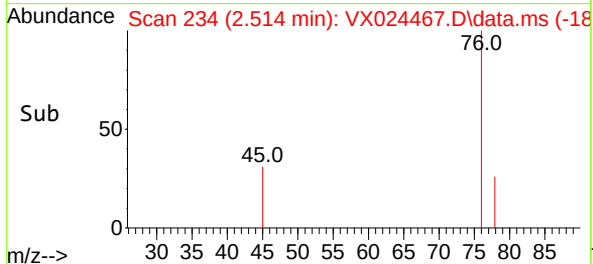
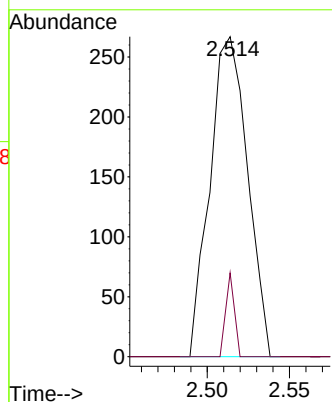
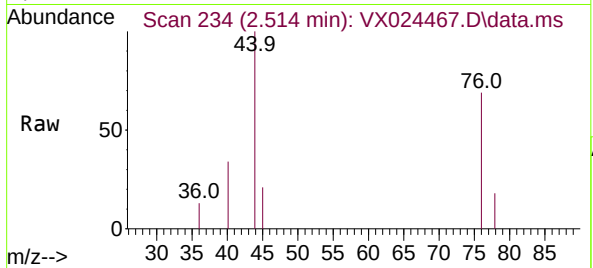




#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

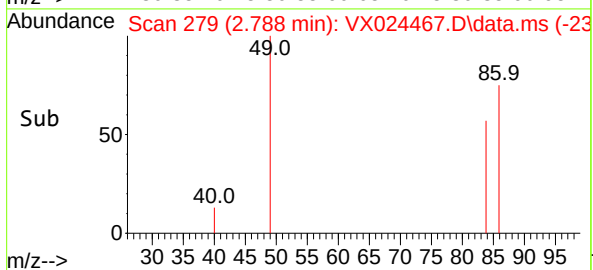
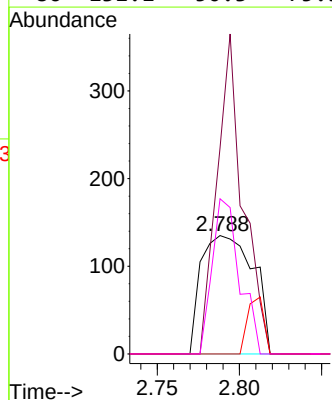
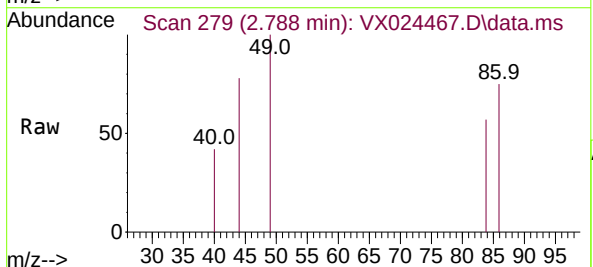
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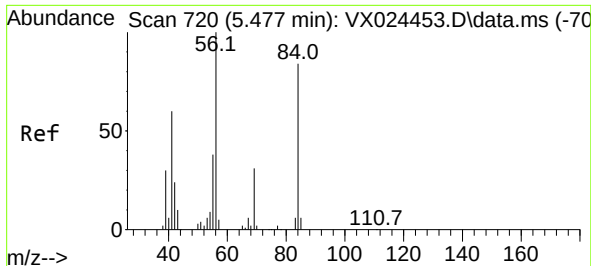
Tgt Ion: 76 Resp: 425
Ion Ratio Lower Upper
76 100
78 26.2 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 84 Resp: 298
Ion Ratio Lower Upper
84 100
49 174.1 88.6 132.8#
51 0.0 27.0 40.6#
86 131.1 50.3 75.5#

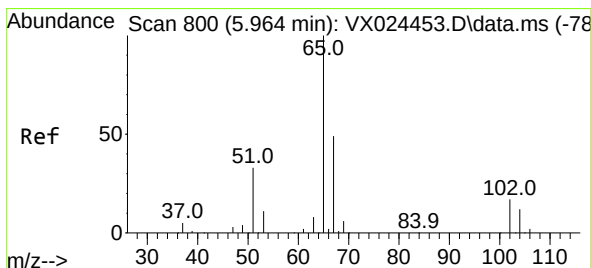
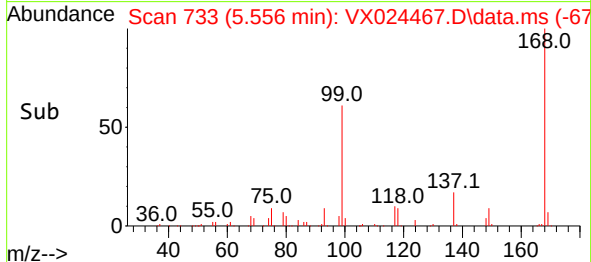
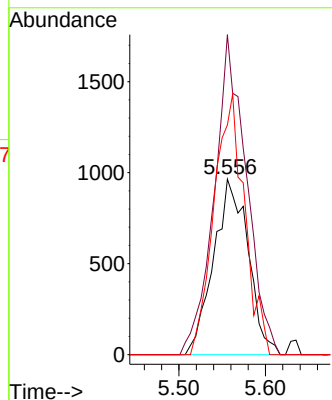
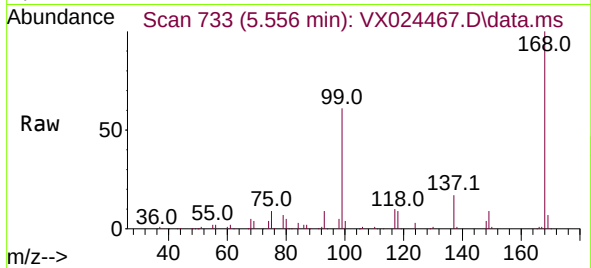




#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

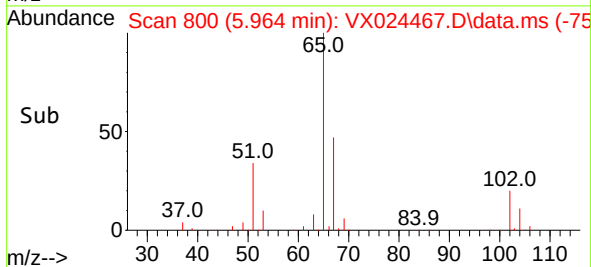
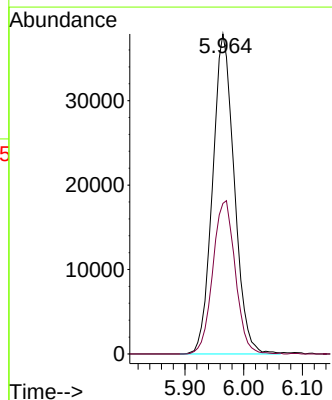
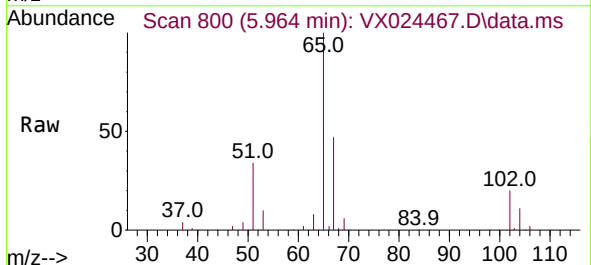
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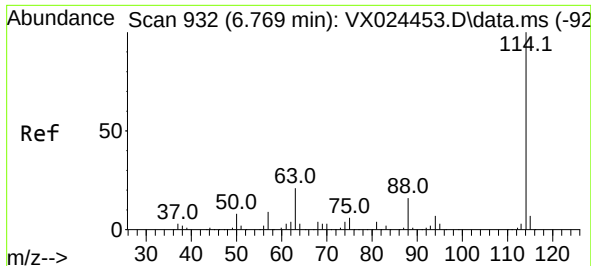
Tgt Ion: 56 Resp: 2674
Ion Ratio Lower Upper
56 100
69 182.4 25.3 37.9#
84 130.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.586 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 65 Resp: 97094
Ion Ratio Lower Upper
65 100
67 49.7 0.0 105.4

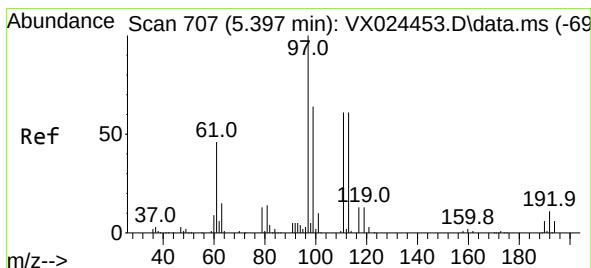
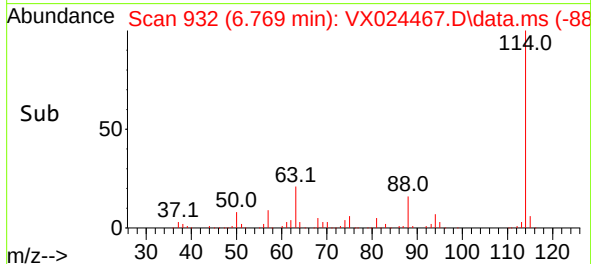
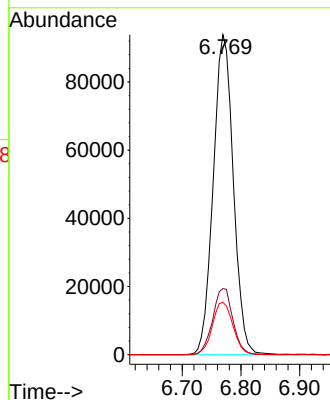
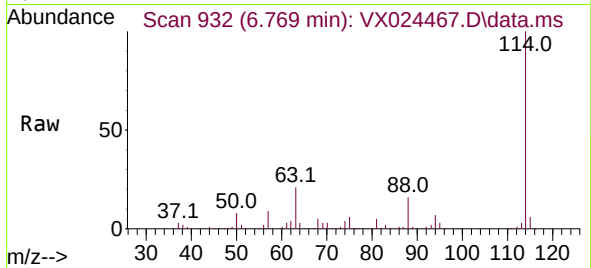




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

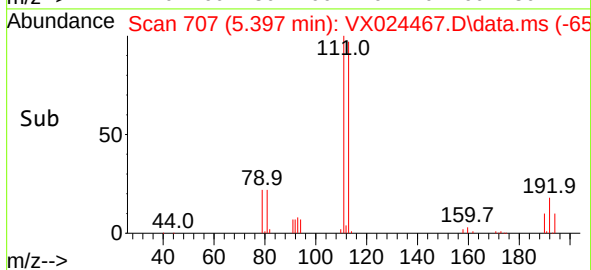
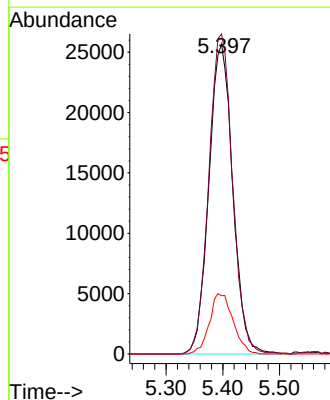
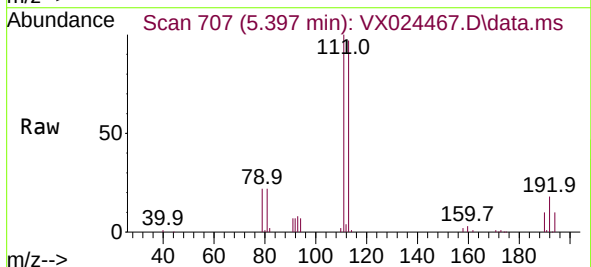
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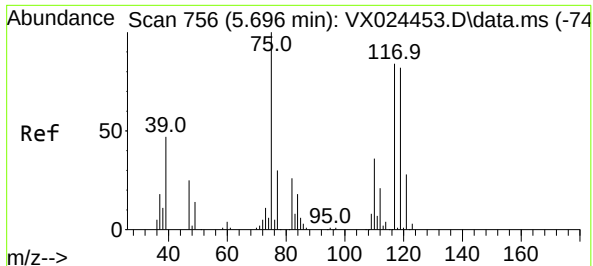
Tgt Ion:114 Resp: 222818
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.625 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion:113 Resp: 74937
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.3 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.843 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024467.D

Acq: 23 Sep 2021 22:23

Tgt Ion: 75 Resp: 10344

Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.4#

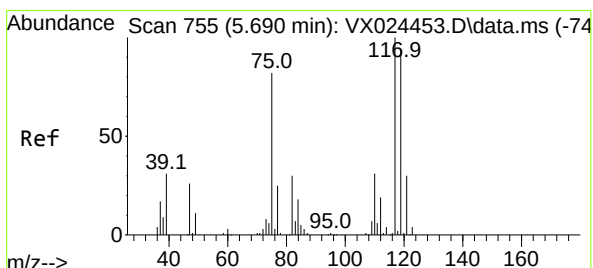
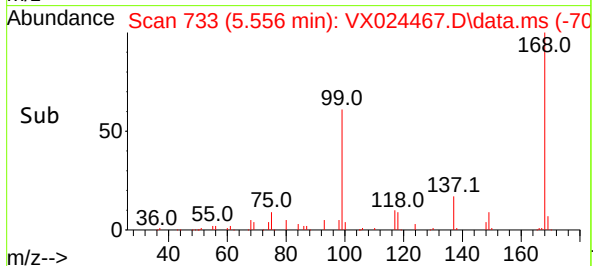
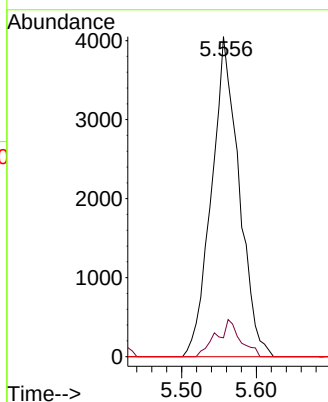
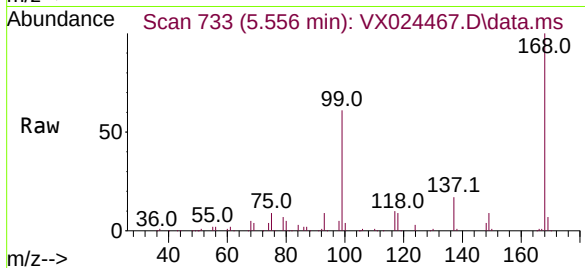
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE126D3-20210920



#38

Carbon Tetrachloride

Concen: 5.853 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024467.D

Acq: 23 Sep 2021 22:23

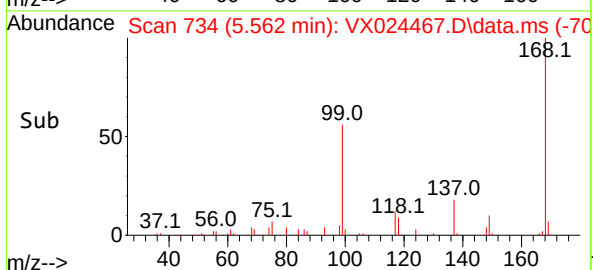
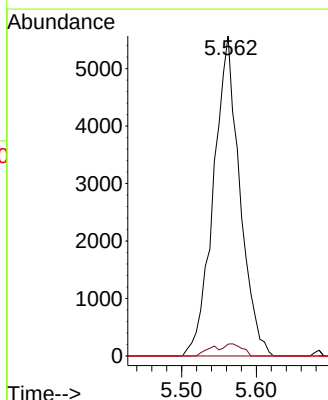
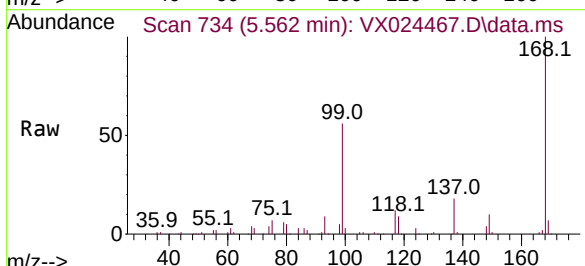
Tgt Ion: 117 Resp: 13609

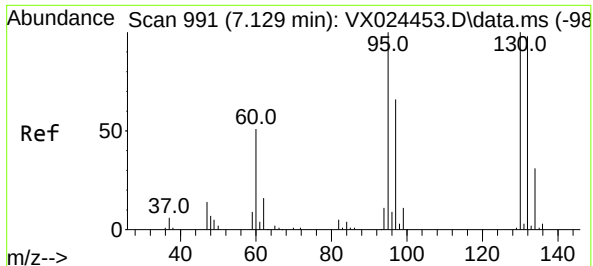
Ion Ratio Lower Upper

117 100

119 3.7 76.2 114.2#

121 0.0 24.8 37.2#

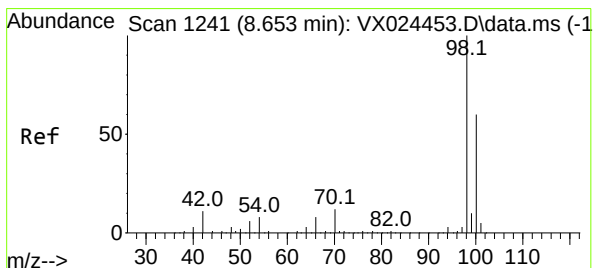
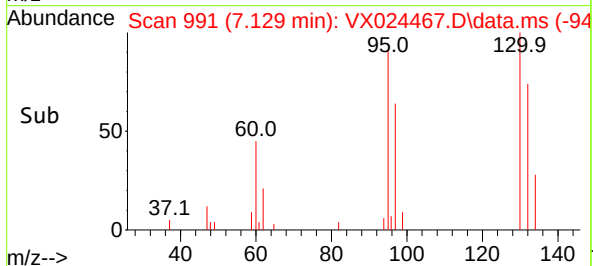
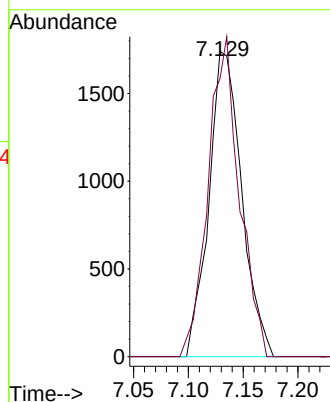
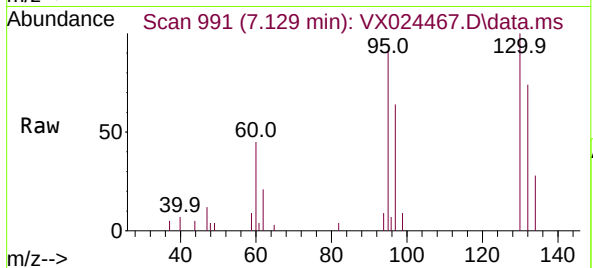




#44
Trichloroethene
Concen: 2.158 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

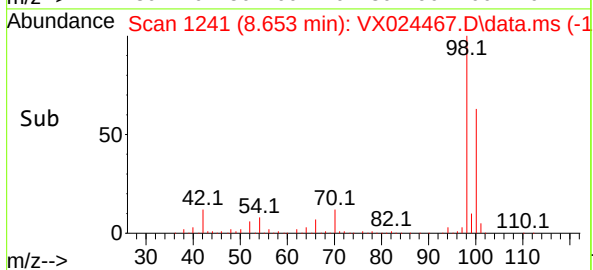
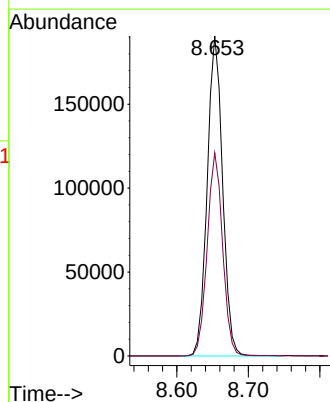
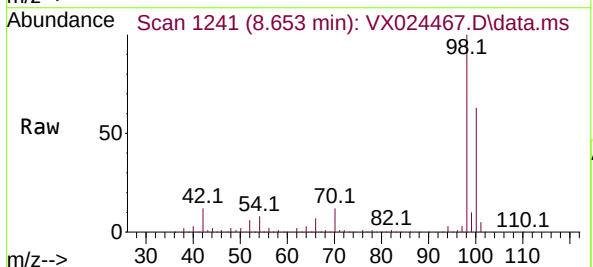
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

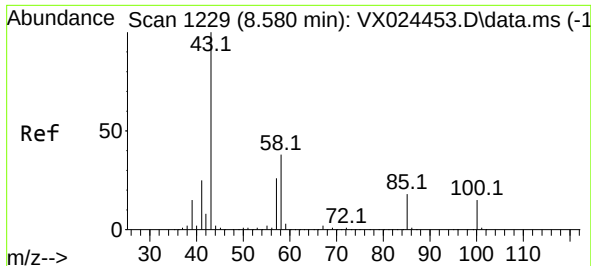
Tgt Ion:130 Resp: 3627
Ion Ratio Lower Upper
130 100
95 91.1 0.0 198.0



#50
Toluene-d8
Concen: 52.260 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 98 Resp: 284716
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

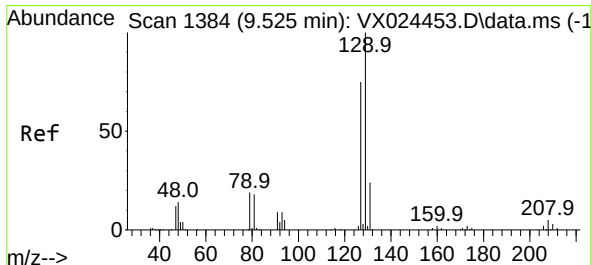
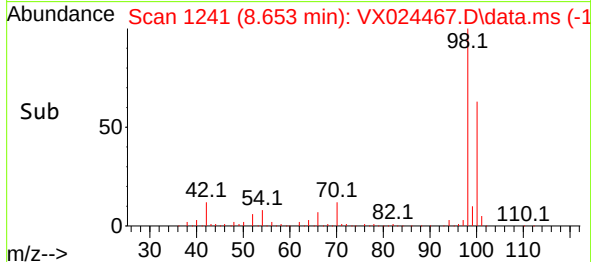
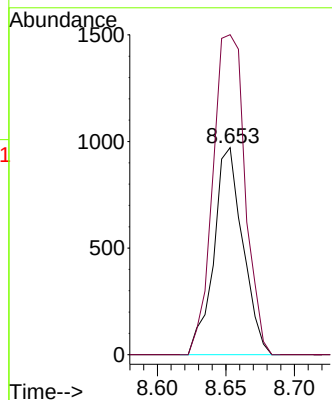
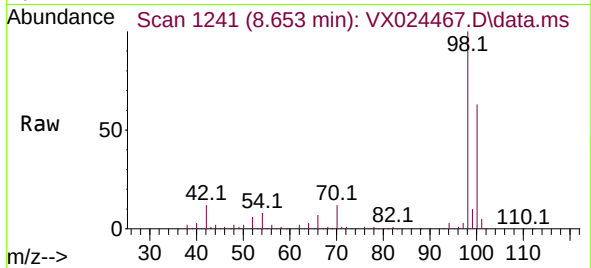




#51
4-Methyl-2-Pentanone
Concen: 0.535 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

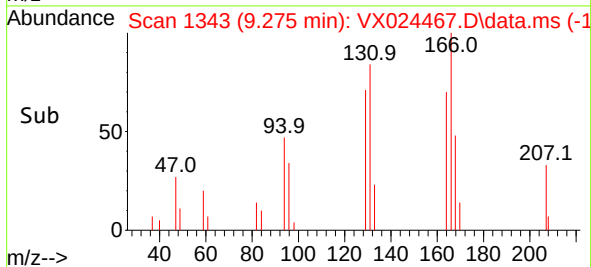
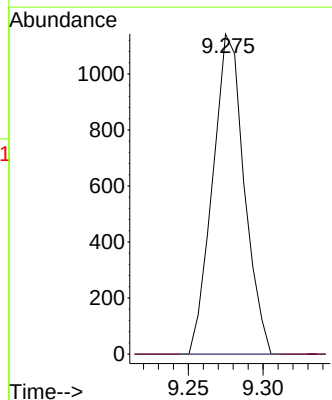
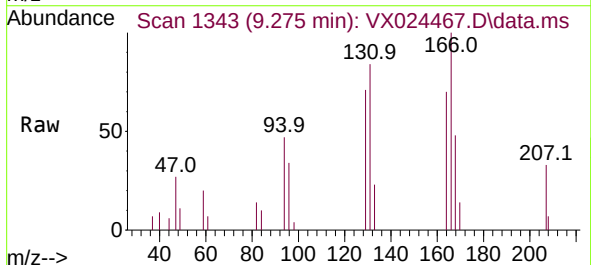
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

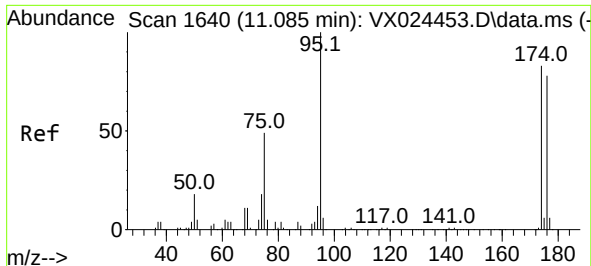
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
58 171.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.073 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 129 Resp: 1679
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

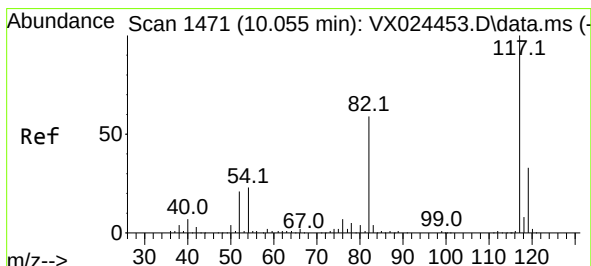
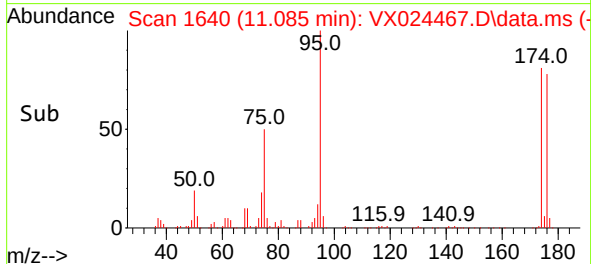
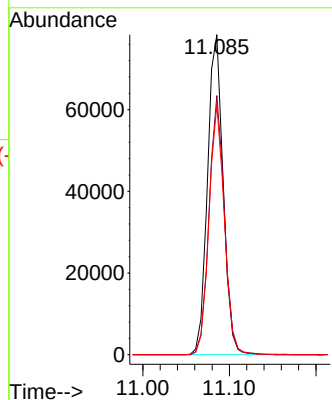
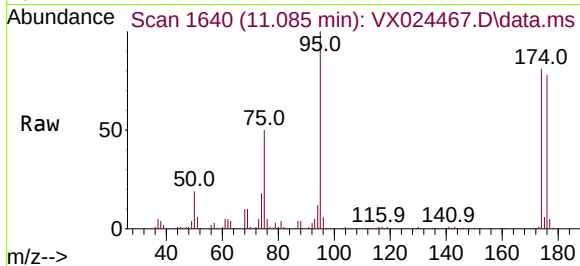




#62
4-Bromofluorobenzene
Concen: 45.785 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

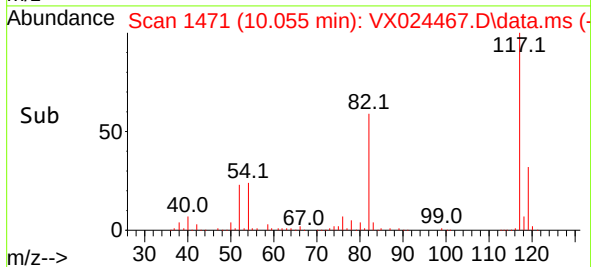
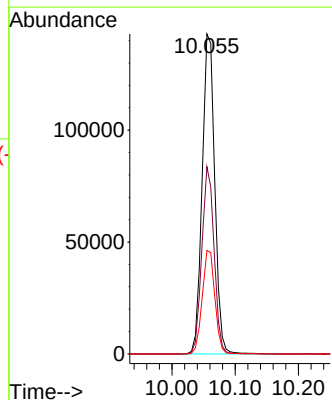
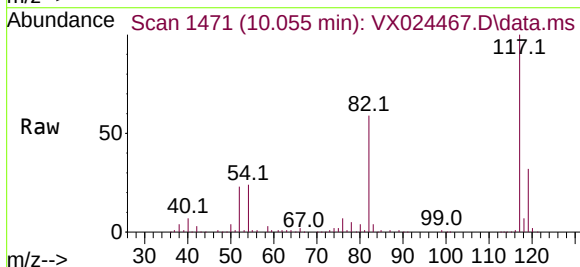
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

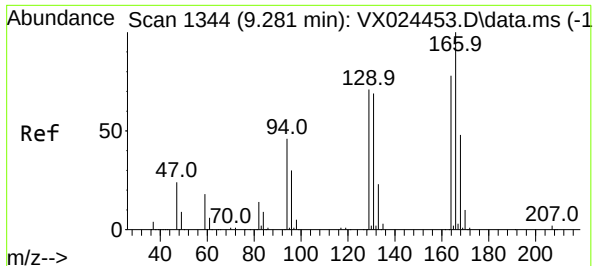
Tgt Ion: 95 Resp: 98074
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 76.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 117 Resp: 198409
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.4 26.6 39.8

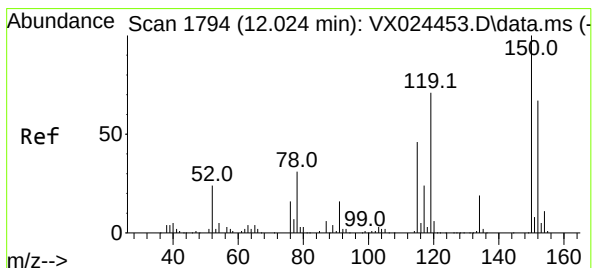
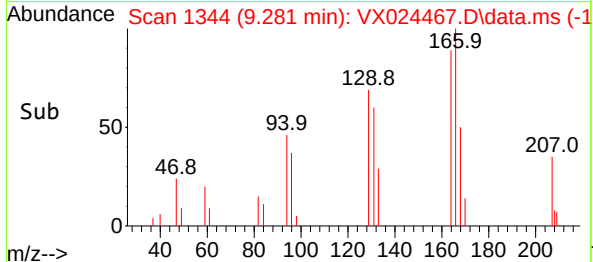
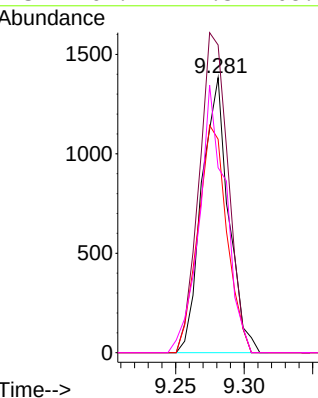
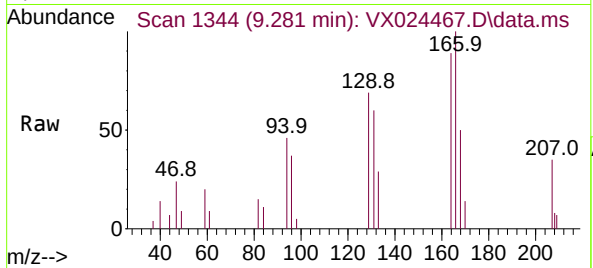




#64
Tetrachloroethene
Concen: 1.371 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

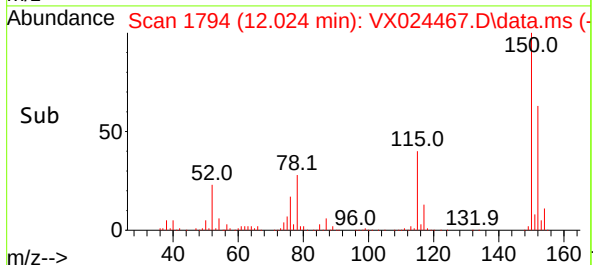
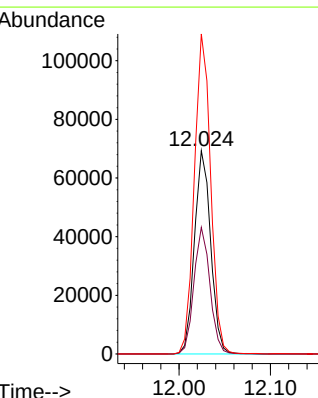
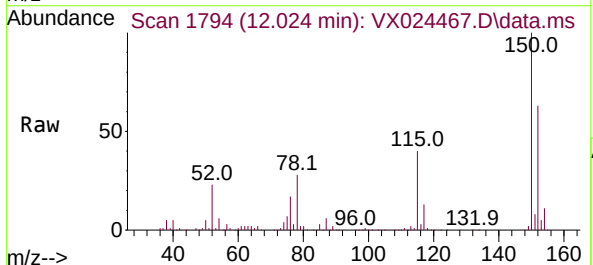
Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

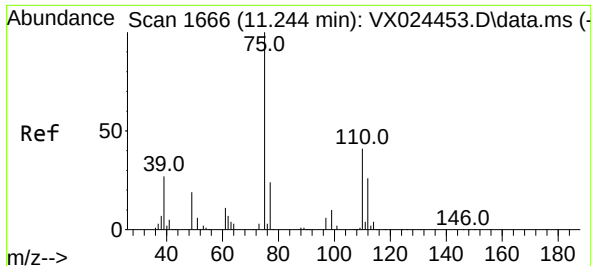
Tgt Ion:164 Resp: 1883
Ion Ratio Lower Upper
164 100
166 111.9 103.4 155.2
129 77.6 70.8 106.2
131 67.2 72.5 108.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion:152 Resp: 85247
Ion Ratio Lower Upper
152 100
115 61.7 41.1 123.3
150 157.8 0.0 349.0

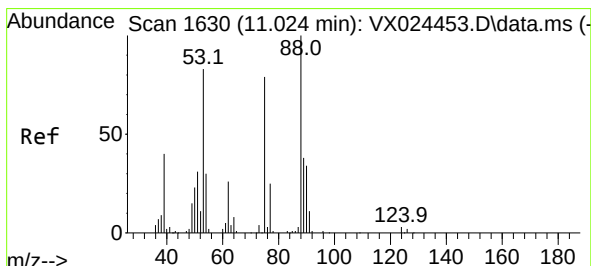
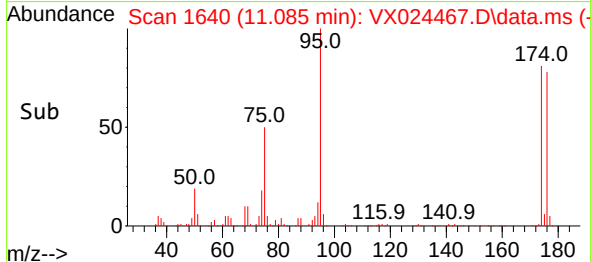
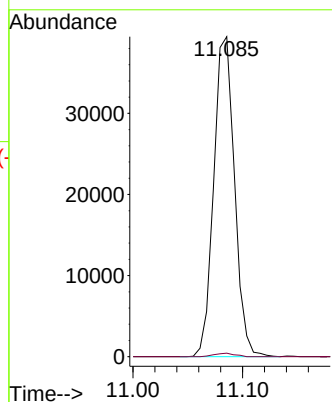
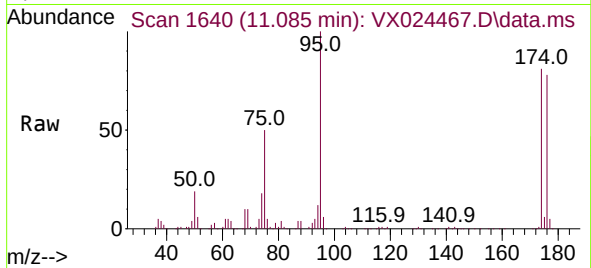




#76
1,2,3-Trichloropropane
Concen: 26.887 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Instrument :
MSVOA_X
ClientSampleId :
RE126D3-20210920

Tgt Ion: 75 Resp: 52051
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.174 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024467.D
Acq: 23 Sep 2021 22:23

Tgt Ion: 75 Resp: 52051
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

