

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024479.D
 Acq On : 24 Sep 2021 03:51
 Operator : JC/MD
 Sample : M3829-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20210917

Quant Time: Sep 24 07:43:42 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)

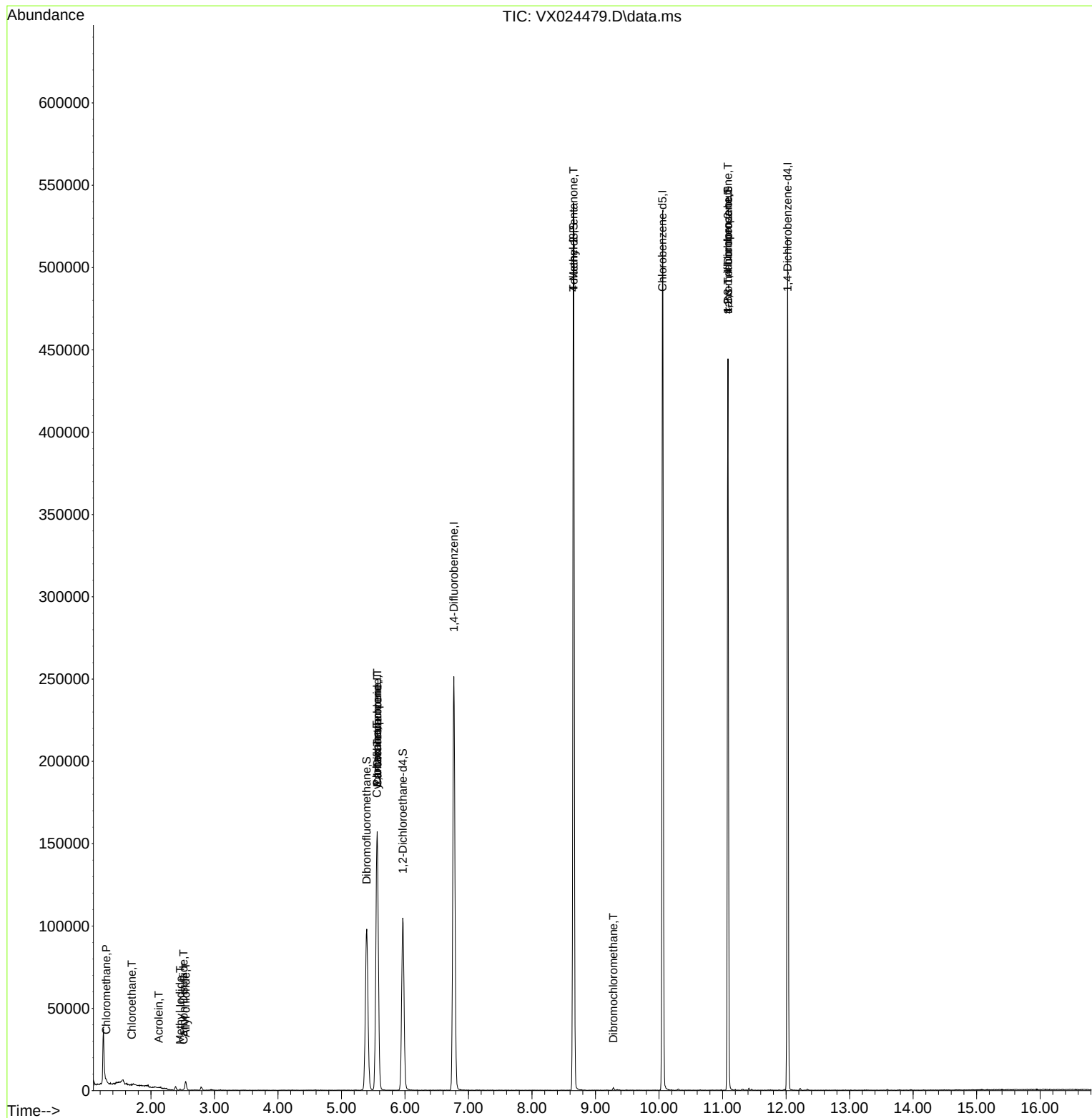
Internal Standards						
1) Pentafluorobenzene	5.562	168	146067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	252860	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104665	50.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.397	113	84720	50.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.860%			
50) Toluene-d8	8.653	98	311054	50.311	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.620%			
62) 4-Bromofluorobenzene	11.085	95	115017	47.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.620%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	647	0.467	ug/l	97
6) Chloroethane	1.697	64	239	0.505	ug/l #	43
10) Methyl Iodide	2.459	142	627	0.311	ug/l #	44
11) Tert butyl alcohol	2.947	59	351	Below Cal	#	73
13) Acrolein	2.124	56	22	10.247	ug/l #	14
14) Allyl chloride	2.544	41	507	0.207	ug/l #	32
16) Acetone	2.386	43	2097	Below Cal		92
17) Carbon Disulfide	2.514	76	683	0.425	ug/l #	75
20) Methylene Chloride	2.788	84	735	Below Cal	#	93
31) Cyclohexane	5.556	56	3134	1.271	ug/l #	16
36) 1,1-Dichloropropene	5.562	75	11179	4.612	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15488	5.870	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1284	0.423	ug/l #	1
60) Dibromochloromethane	9.281	129	87	1.228	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57916	24.296	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57916	66.309	ug/l #	12

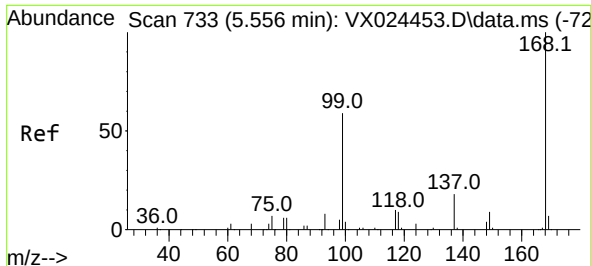
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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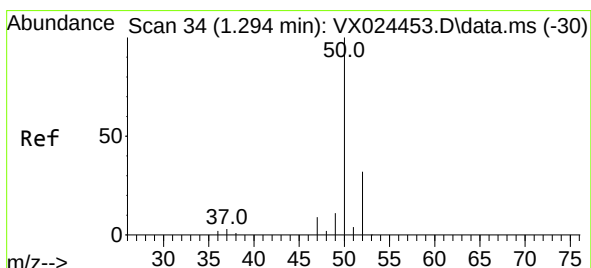
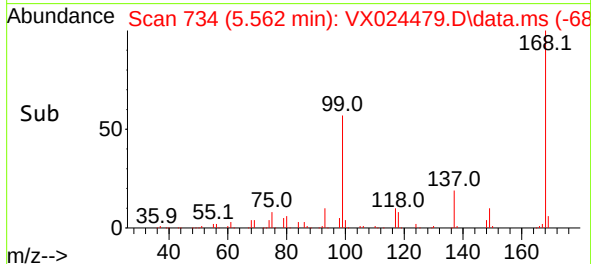
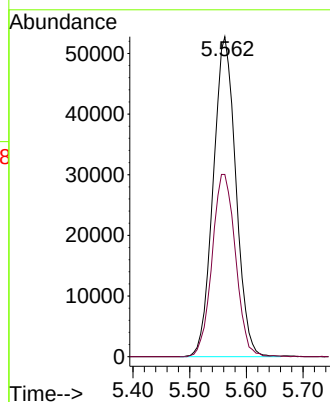
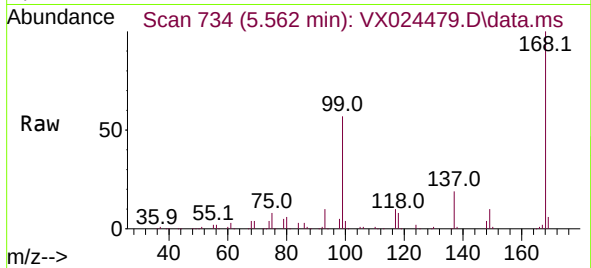




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

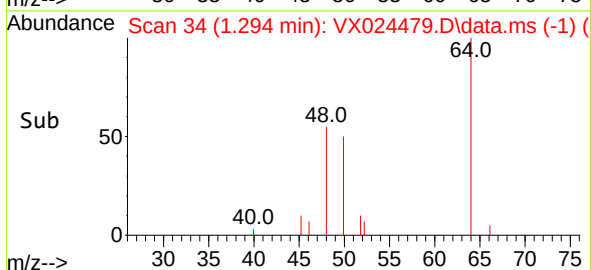
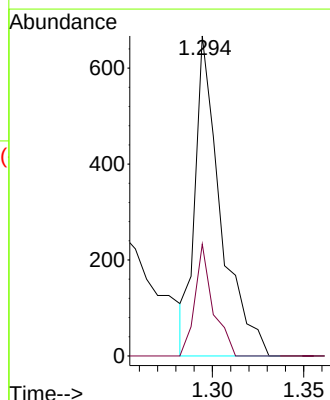
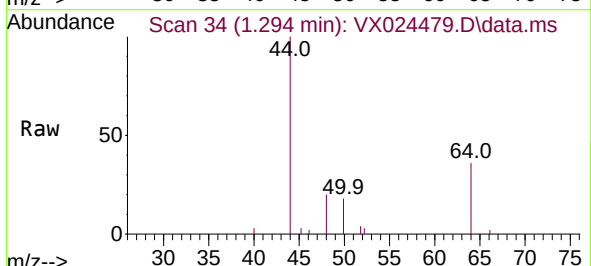
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

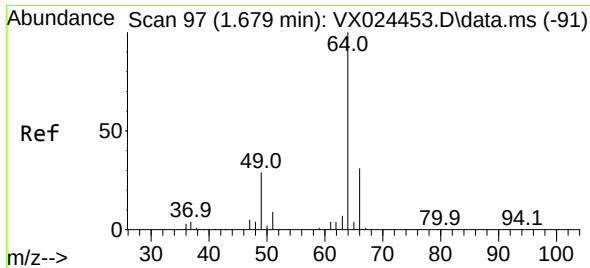
Tgt Ion:168 Resp: 146067
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.467 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 50 Resp: 647
Ion Ratio Lower Upper
50 100
52 34.9 26.4 39.6

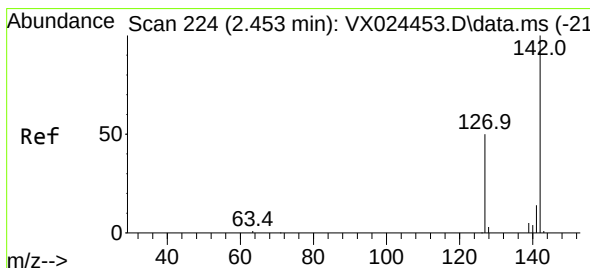
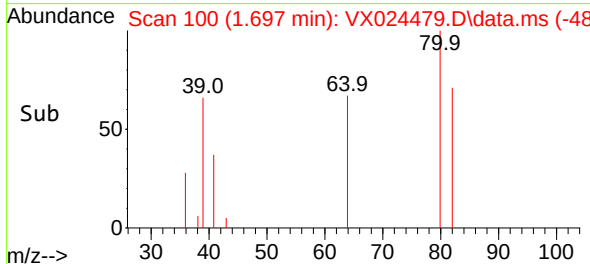
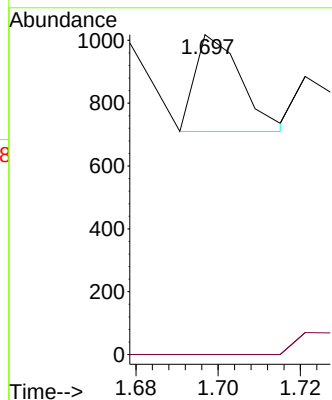
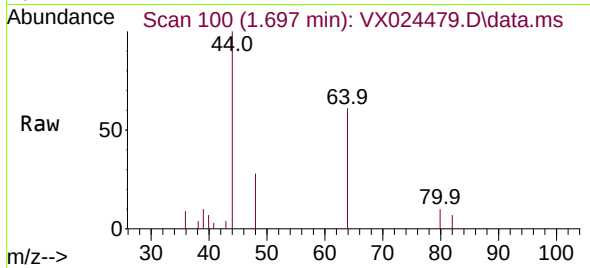




#6
Chloroethane
Concen: 0.505 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

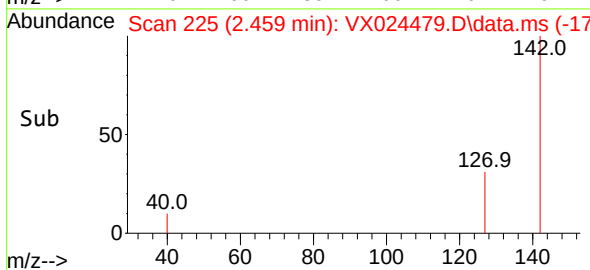
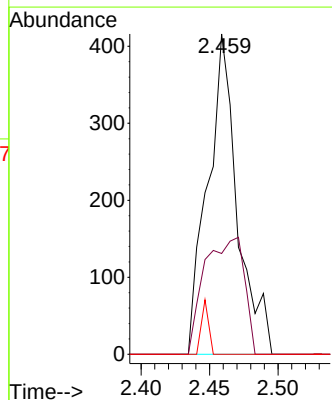
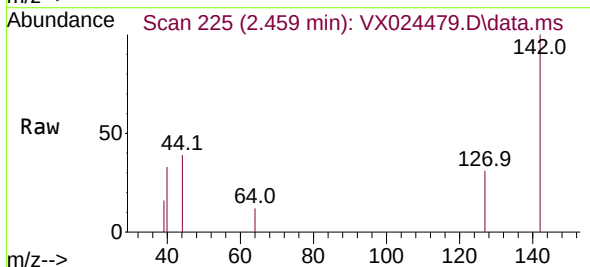
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

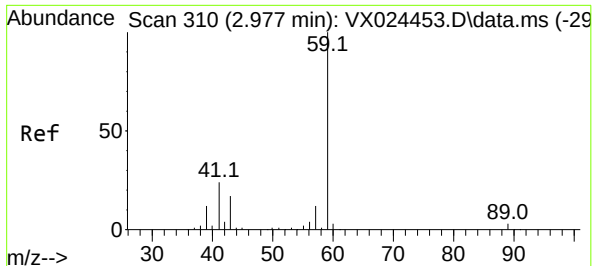
Tgt Ion: 64 Resp: 239
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.311 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 142 Resp: 627
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 4.1 11.4 17.0#



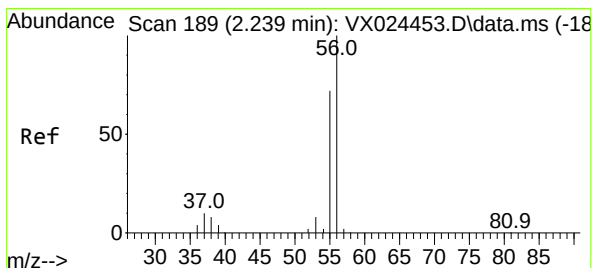
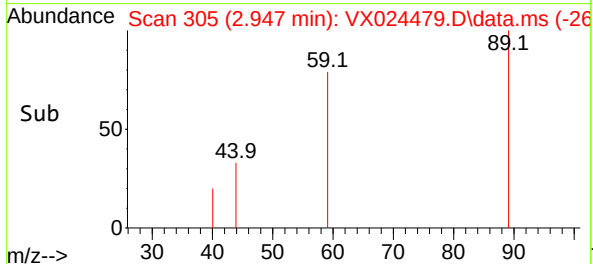
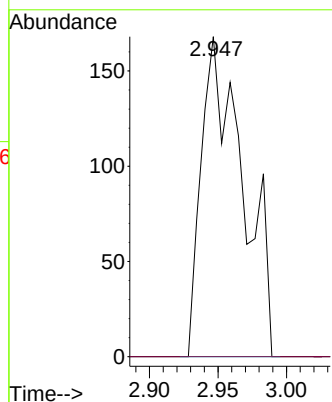
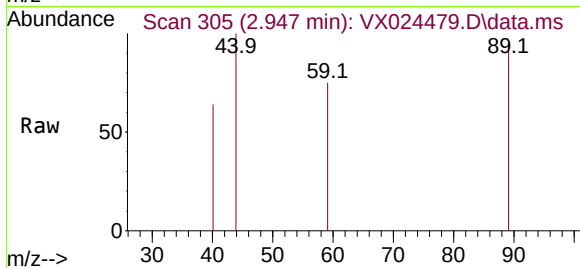


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

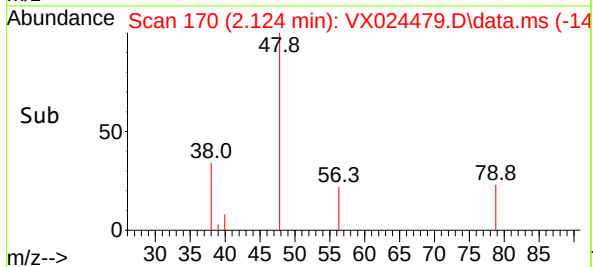
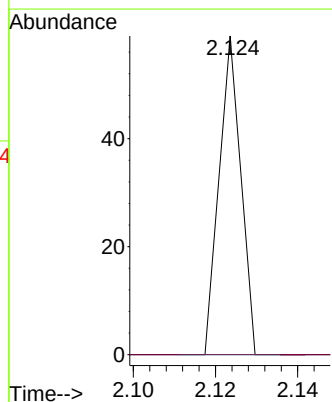
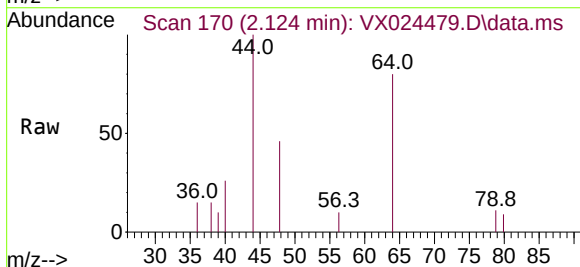
Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

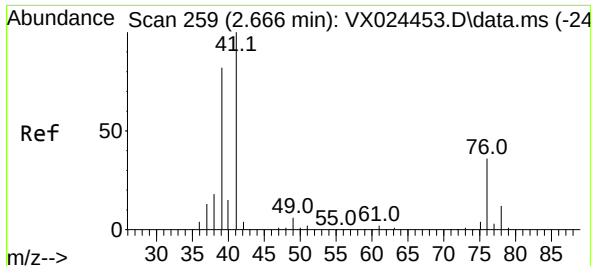


#13

Acrolein
Concen: 10.247 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.115 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

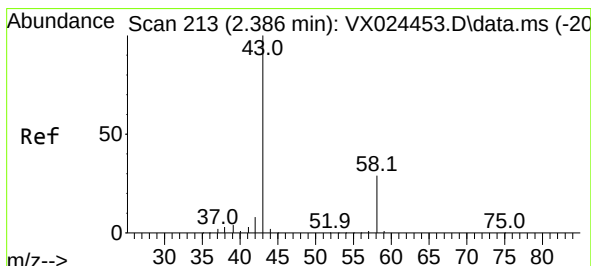
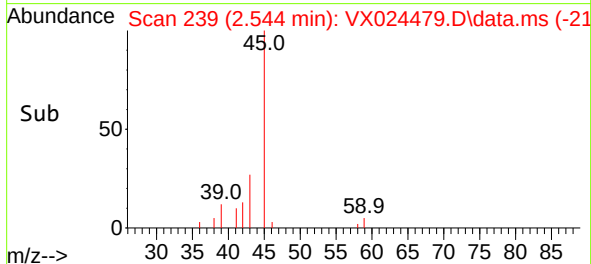
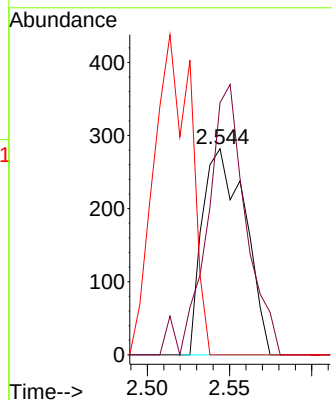
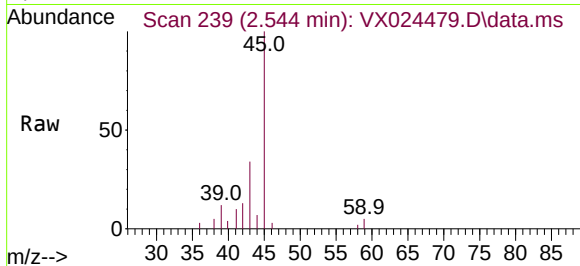




#14
 Allyl chloride
 Concen: 0.207 ug/l
 RT: 2.544 min Scan# 239
 Delta R.T. -0.122 min
 Lab File: VX024479.D
 Acq: 24 Sep 2021 03:51

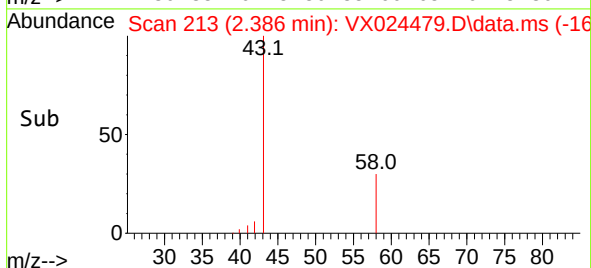
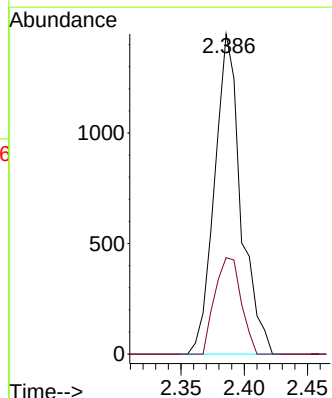
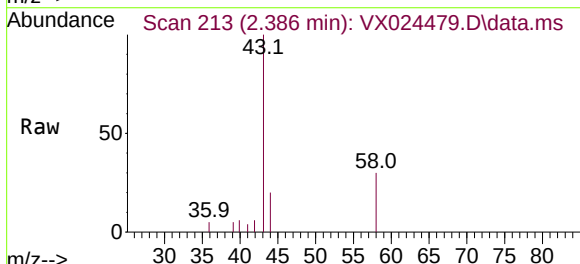
Instrument :
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 ClientSampleId :
 TB02-20210917

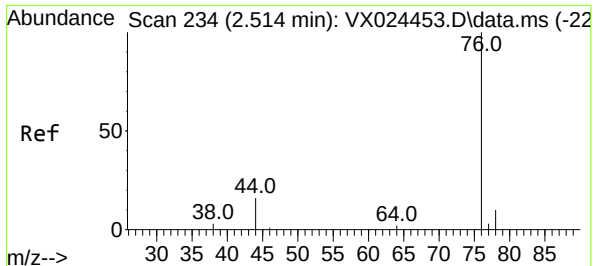
Tgt Ion: 41 Resp: 507
 Ion Ratio Lower Upper
 41 100
 39 120.1 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024479.D
 Acq: 24 Sep 2021 03:51

Tgt Ion: 43 Resp: 2097
 Ion Ratio Lower Upper
 43 100
 58 30.1 27.8 41.8

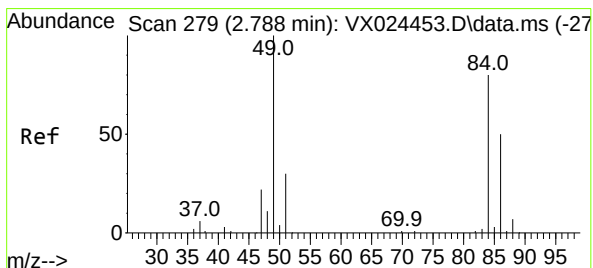
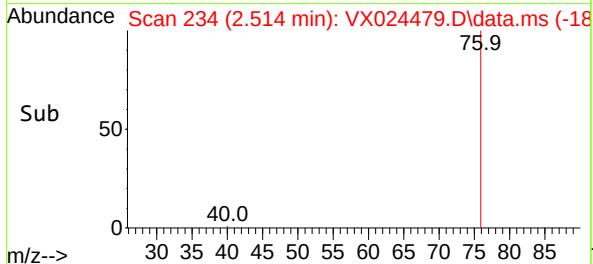
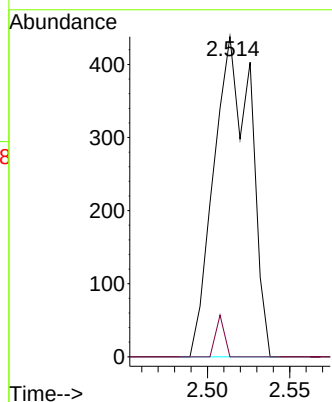
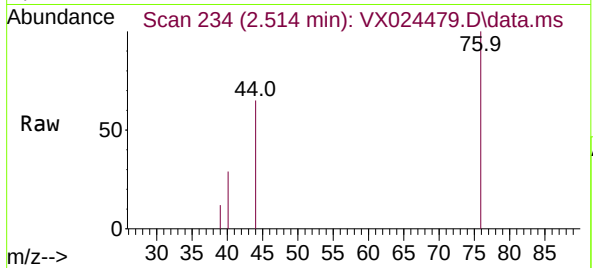




#17
Carbon Disulfide
Concen: 0.425 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

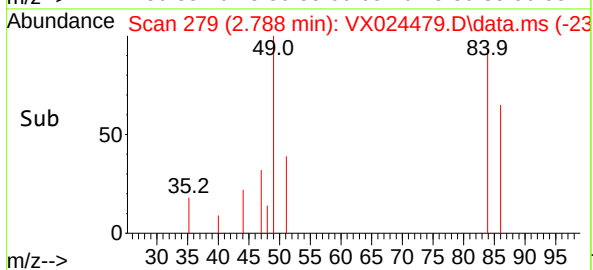
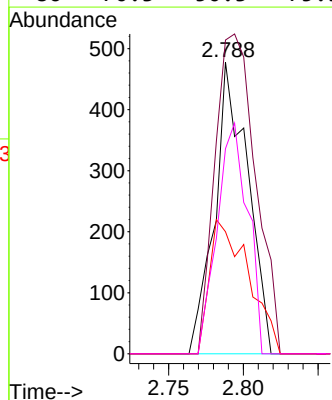
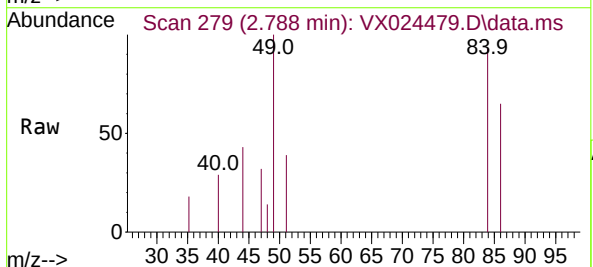
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

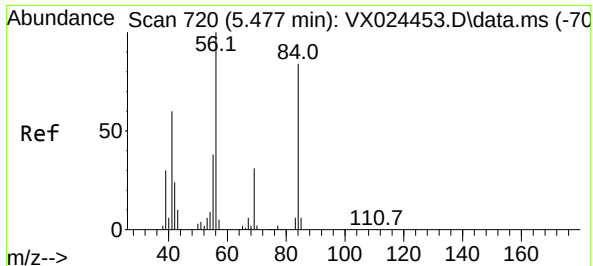
Tgt Ion: 76 Resp: 683
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 84 Resp: 735
Ion Ratio Lower Upper
84 100
49 107.5 88.6 132.8
51 41.8 27.0 40.6#
86 70.3 50.3 75.5

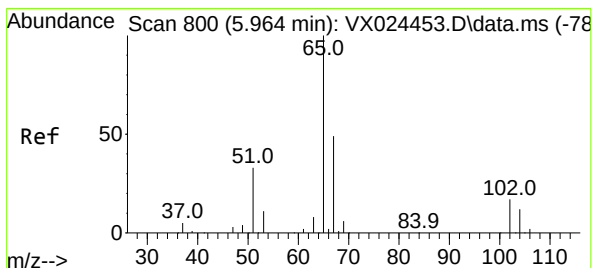
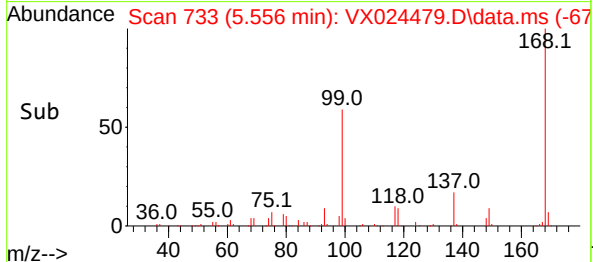
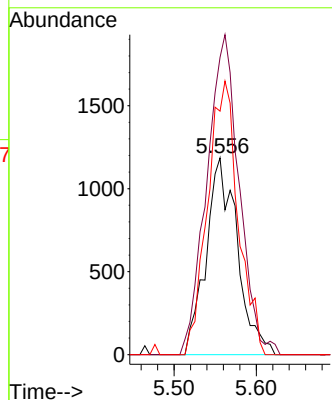
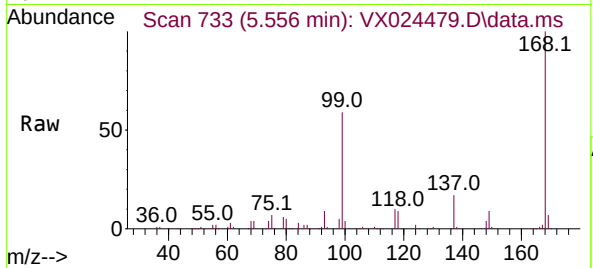




#31
Cyclohexane
Concen: 1.271 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

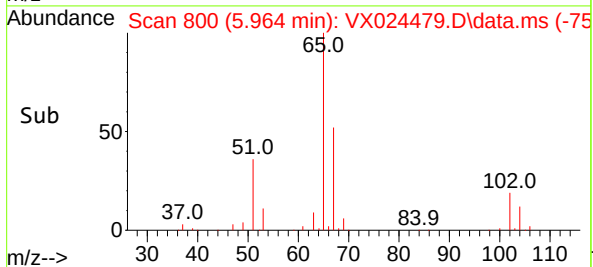
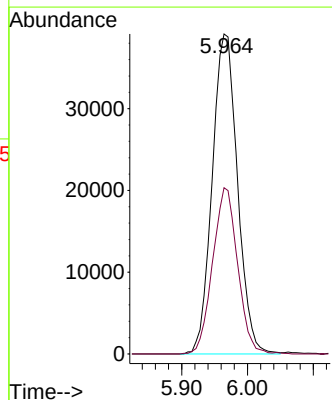
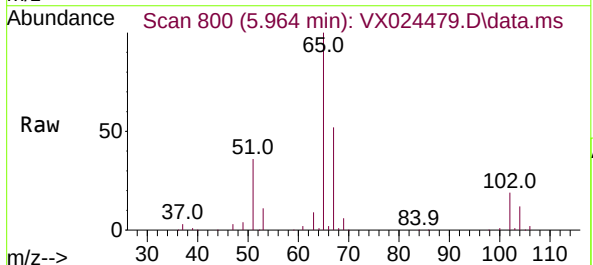
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TB02-20210917

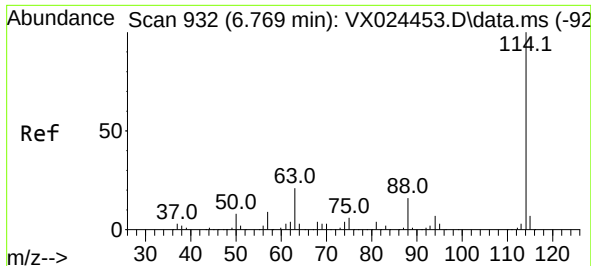
Tgt Ion: 56 Resp: 3134
Ion Ratio Lower Upper
56 100
69 151.0 25.3 37.9#
84 123.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.842 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 65 Resp: 104665
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.4

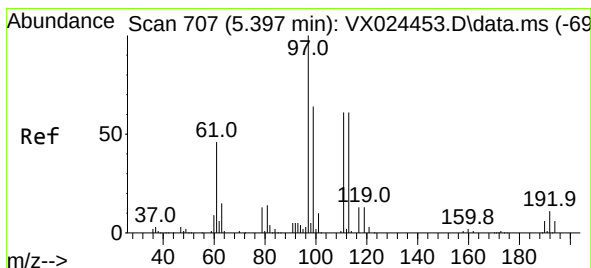
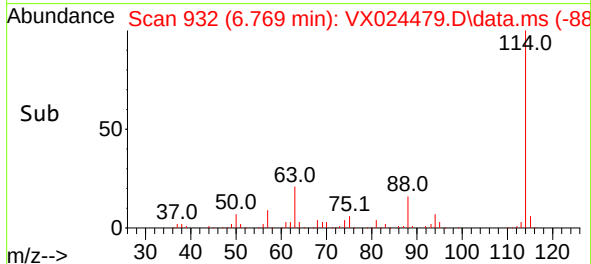
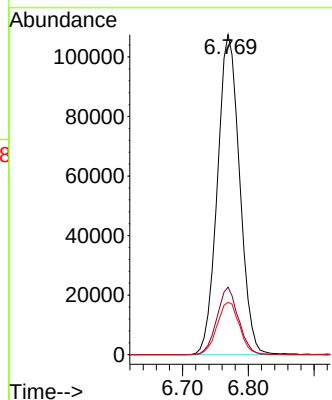
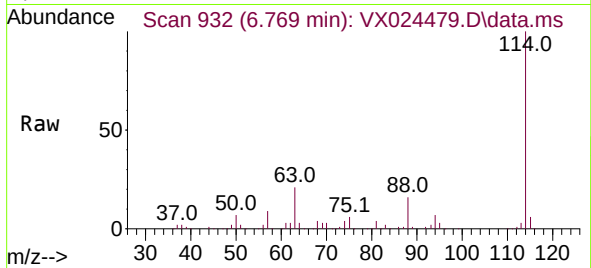




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

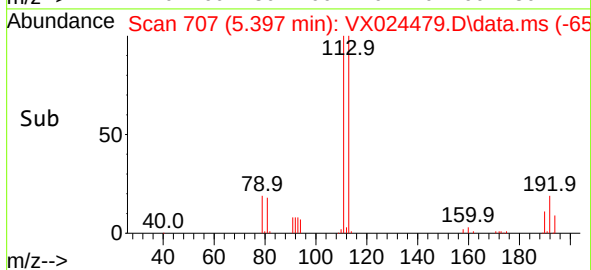
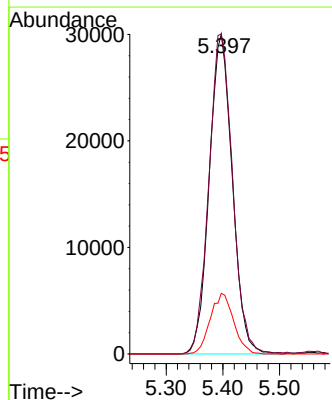
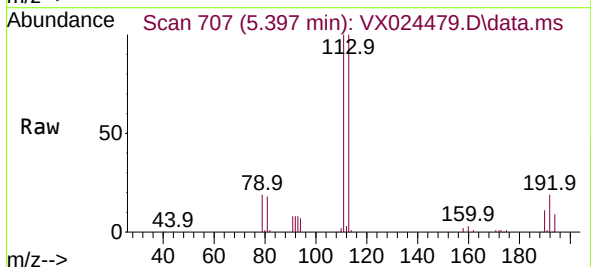
Instrument :
MSVOA_X
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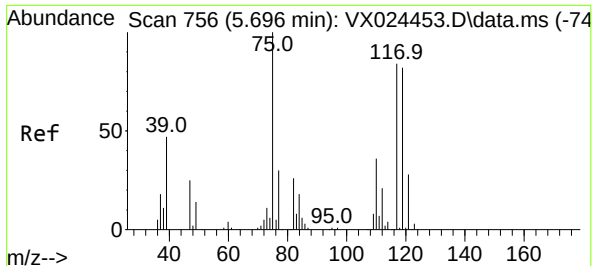
Tgt Ion:114 Resp: 252860
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.434 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion:113 Resp: 84720
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.612 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024479.D

Acq: 24 Sep 2021 03:51

Tgt Ion: 75 Resp: 11179

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.4#

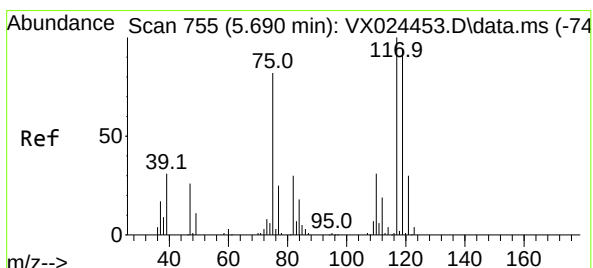
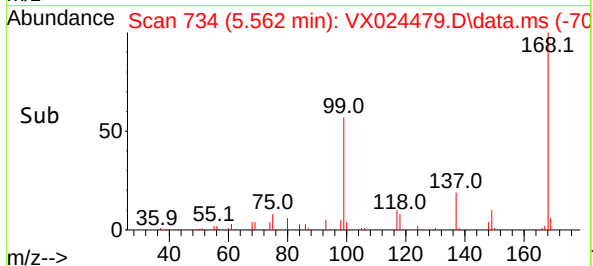
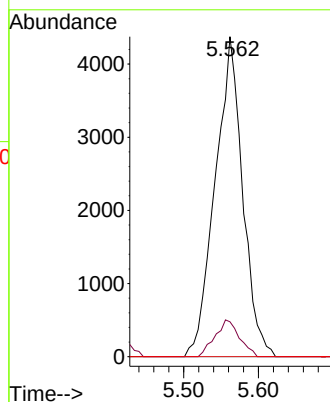
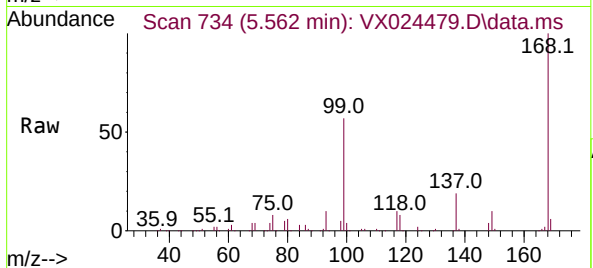
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

TB02-20210917



#38

Carbon Tetrachloride

Concen: 5.870 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX024479.D

Acq: 24 Sep 2021 03:51

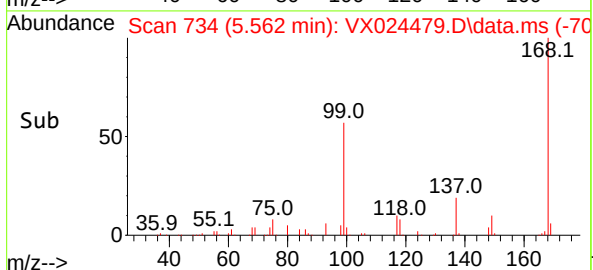
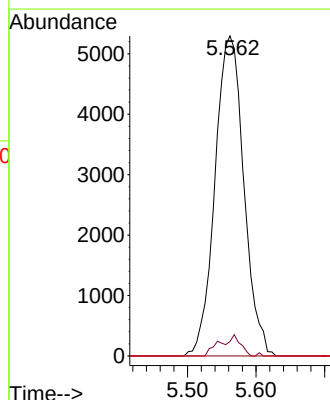
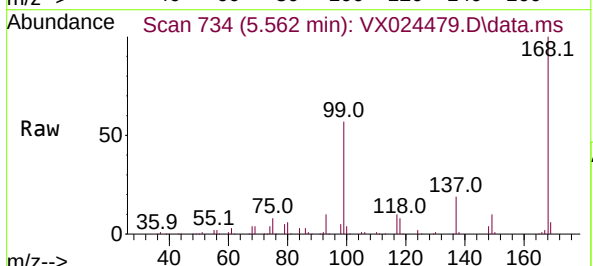
Tgt Ion: 117 Resp: 15488

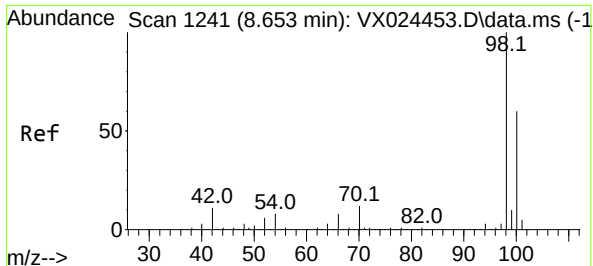
Ion Ratio Lower Upper

117 100

119 4.5 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 50.311 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024479.D

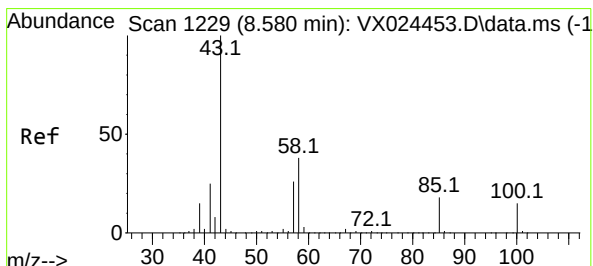
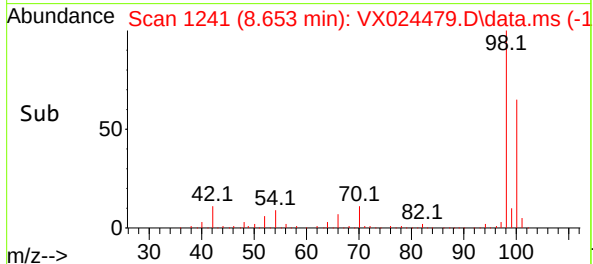
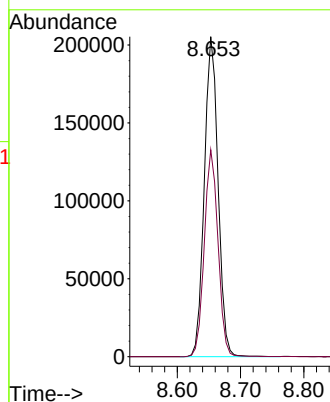
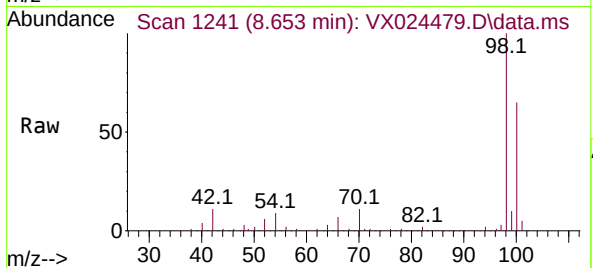
Acq: 24 Sep 2021 03:51

Tgt Ion: 98 Resp: 311054

Ion Ratio Lower Upper

98 100

100 64.3 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.423 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX024479.D

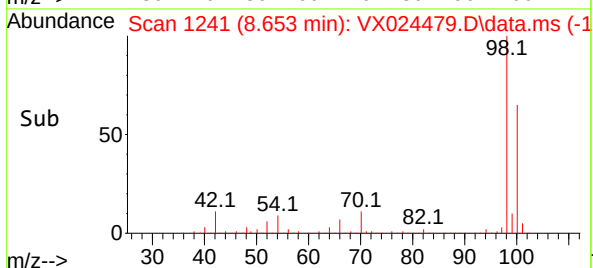
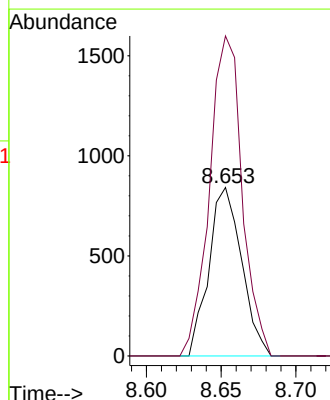
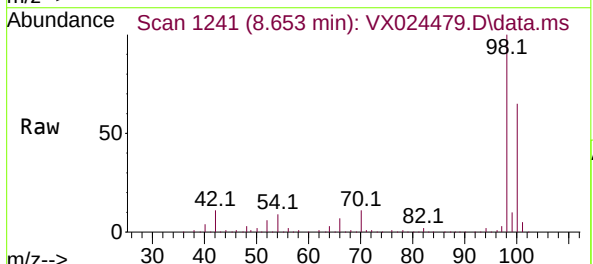
Acq: 24 Sep 2021 03:51

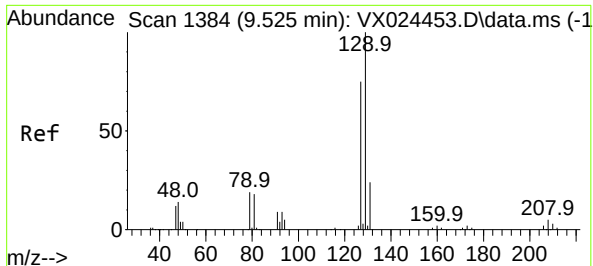
Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

43 100

58 189.3 35.4 53.0#

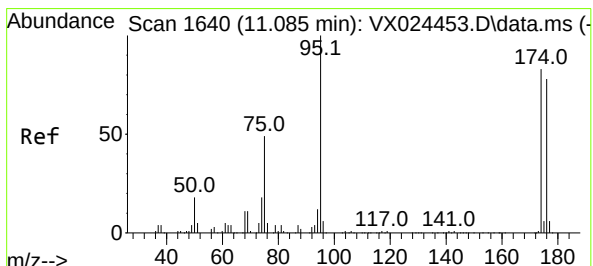
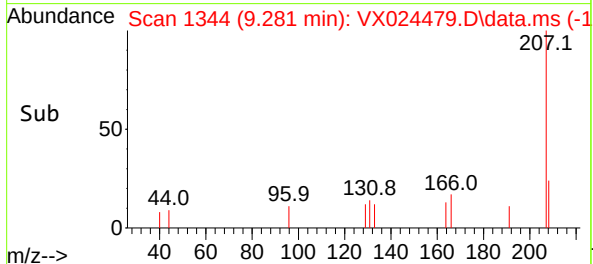
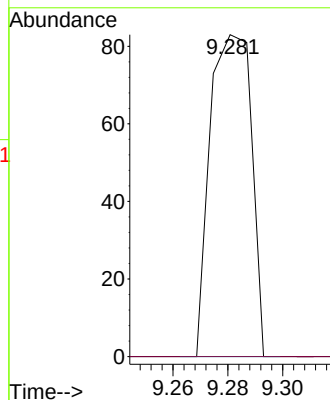
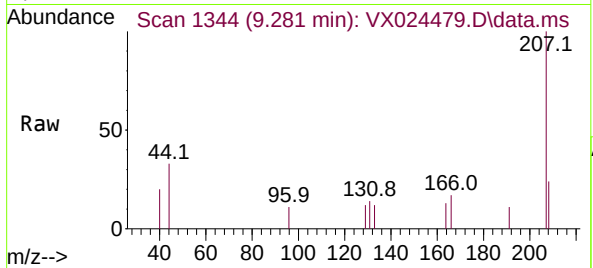




#60
Dibromochloromethane
Concen: 1.228 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

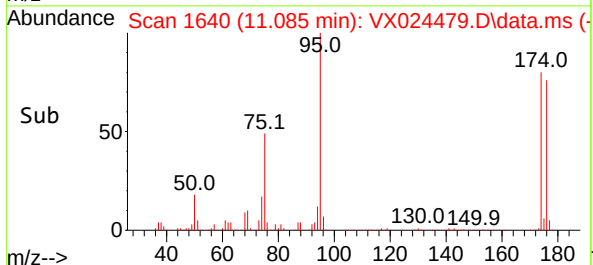
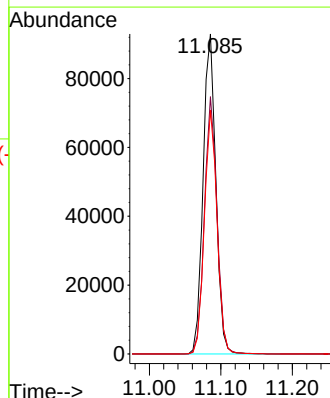
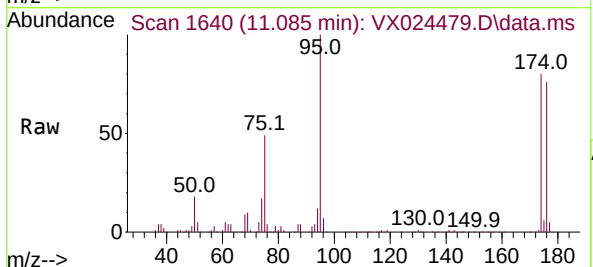
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

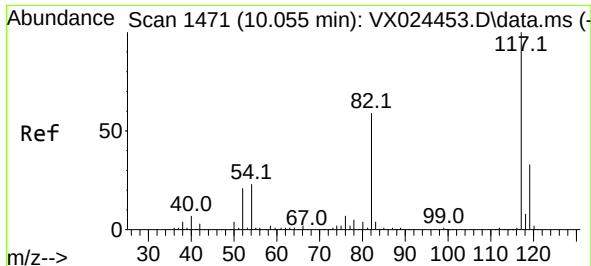
Tgt Ion:129 Resp: 87
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 47.315 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 95 Resp: 115017
Ion Ratio Lower Upper
95 100
174 79.7 0.0 154.6
176 75.8 0.0 155.8

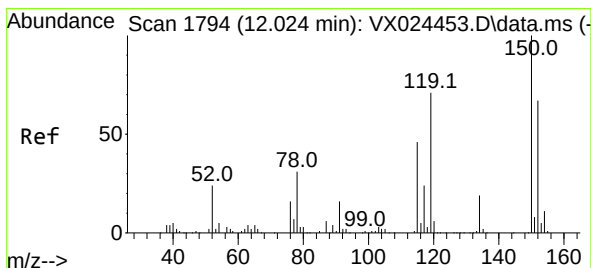
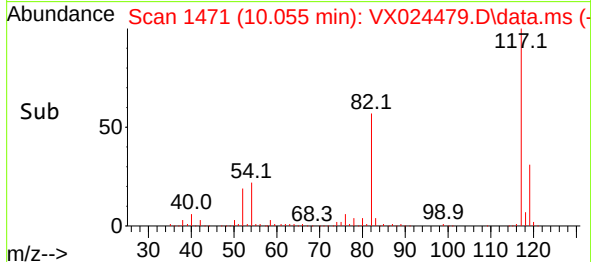
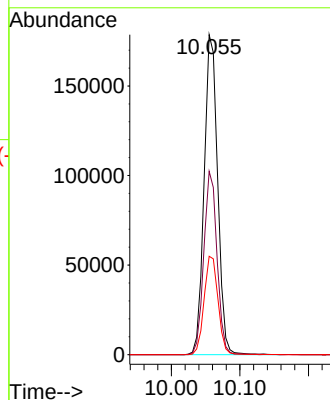
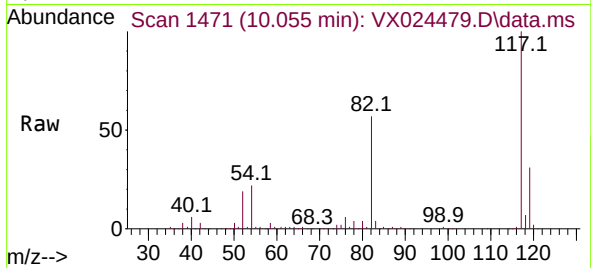




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

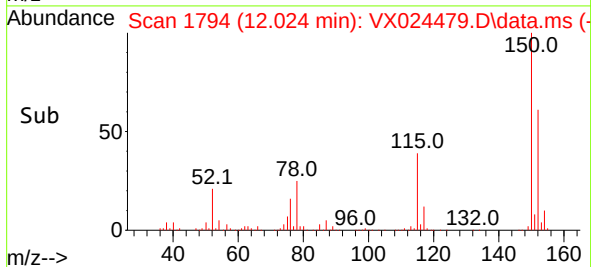
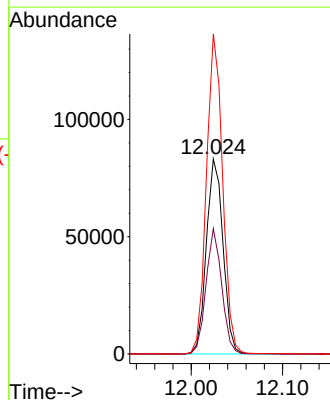
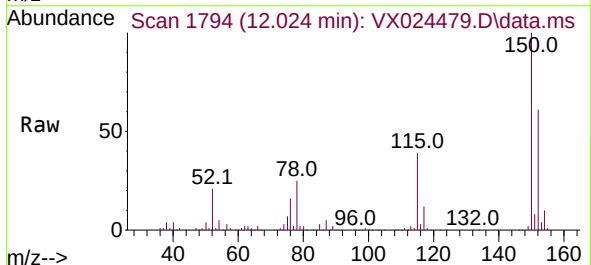
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

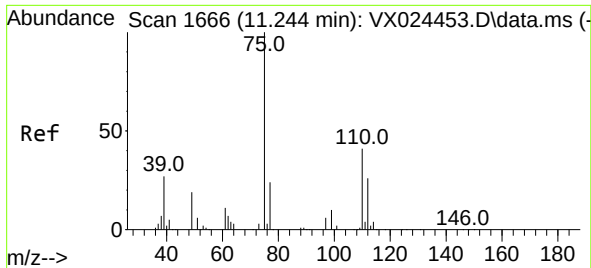
Tgt Ion:117 Resp: 245351
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion:152 Resp: 104967
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 159.2 0.0 349.0

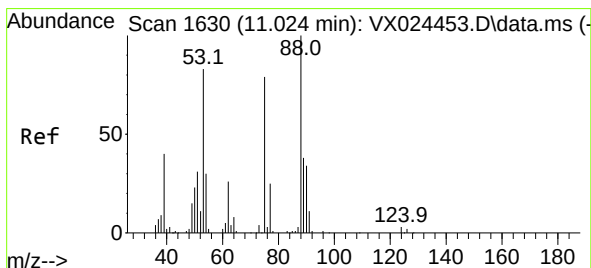
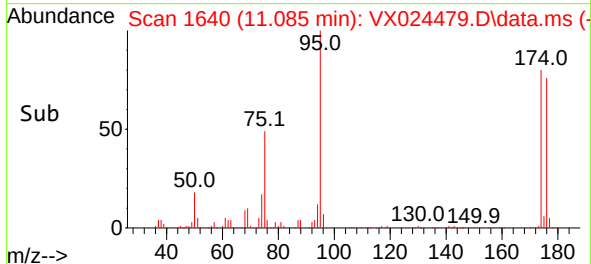
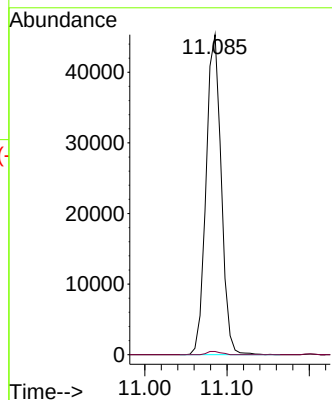
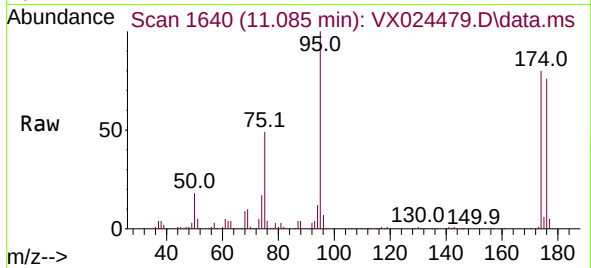




#76
1,2,3-Trichloropropane
Concen: 24.296 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210917

Tgt Ion: 75 Resp: 57916
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.309 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024479.D
Acq: 24 Sep 2021 03:51

Tgt Ion: 75 Resp: 57916
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

