

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024489.D
 Acq On : 24 Sep 2021 07:46
 Operator : JC/MD
 Sample : M3829-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210916

Quant Time: Sep 24 09:07:11 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)

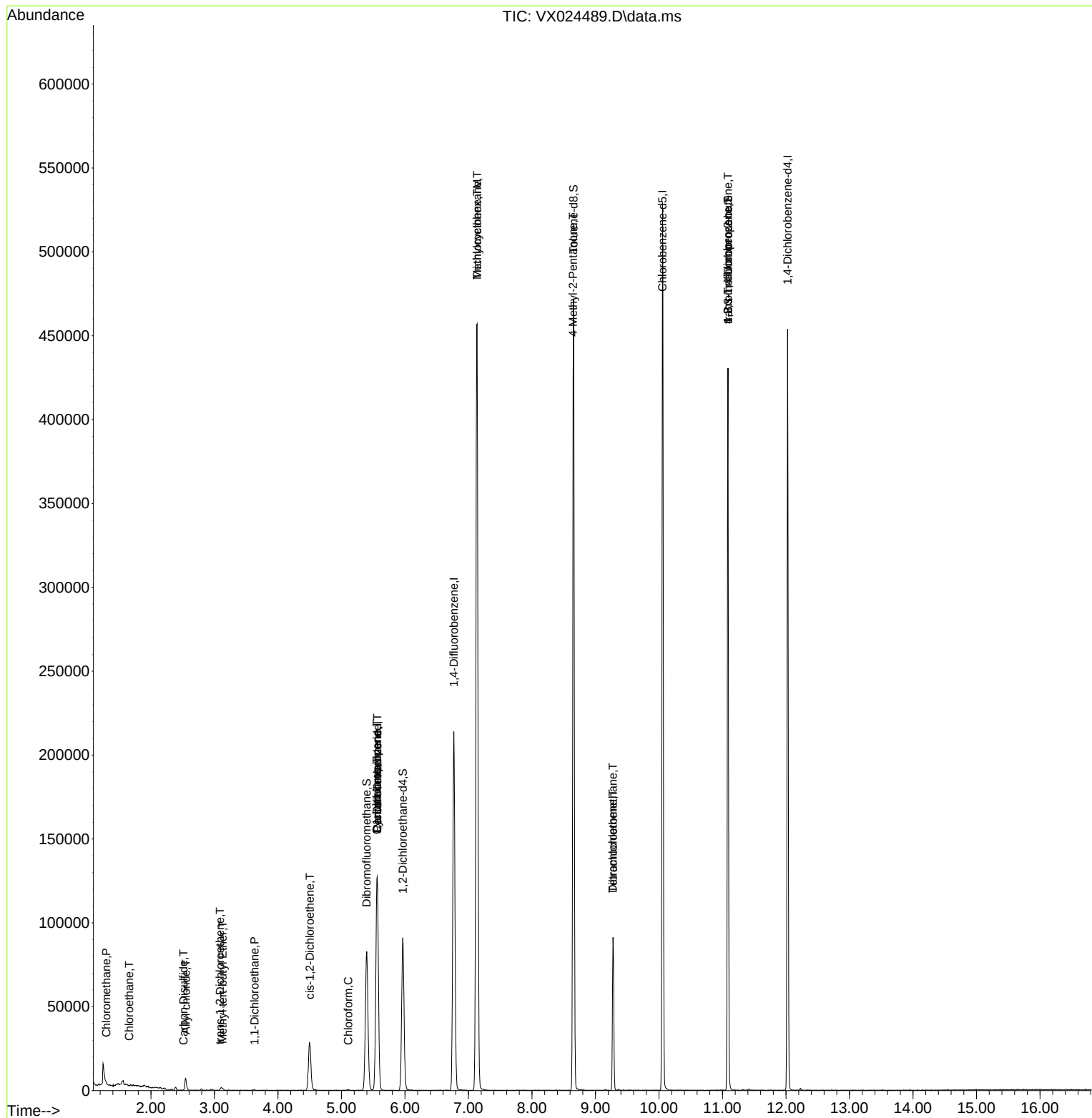
Internal Standards						
1) Pentafluorobenzene	5.562	168	120115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207886	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91154	53.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.700%			
35) Dibromofluoromethane	5.397	113	69742	50.500	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.000%			
50) Toluene-d8	8.653	98	283486	55.772	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.540%			
62) 4-Bromofluorobenzene	11.085	95	109614	54.847	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.700%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	425	0.373	ug/l	93
6) Chloroethane	1.654	64	245	0.565	ug/l #	43
11) Tert butyl alcohol	2.953	59	342	Below Cal	#	73
14) Allyl chloride	2.550	41	747	0.371	ug/l #	20
16) Acetone	2.386	43	1922	Below Cal		95
17) Carbon Disulfide	2.514	76	171	0.288	ug/l #	75
19) Methyl tert-butyl Ether	3.130	73	1339	0.323	ug/l #	88
20) Methylene Chloride	2.794	84	313	Below Cal	#	58
21) trans-1,2-Dichloroethene	3.087	96	461	0.369	ug/l #	62
24) 1,1-Dichloroethane	3.629	63	544	0.238	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	17158	11.741	ug/l	97
30) Chloroform	5.105	83	530	0.210	ug/l #	55
31) Cyclohexane	5.556	56	2681	1.323	ug/l #	12
36) 1,1-Dichloropropene	5.556	75	9241	4.637	ug/l #	50
38) Carbon Tetrachloride	5.562	117	12624	5.819	ug/l #	17
39) Methylcyclohexane	7.135	83	2253	0.965	ug/l #	1
44) Trichloroethene	7.135	130	177687	113.326	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	1440	0.577	ug/l #	1
60) Dibromochloromethane	9.275	129	16976	10.783	ug/l #	11
64) Tetrachloroethene	9.275	164	17102	10.460	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	55654	26.995	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	55654	73.459	ug/l #	12

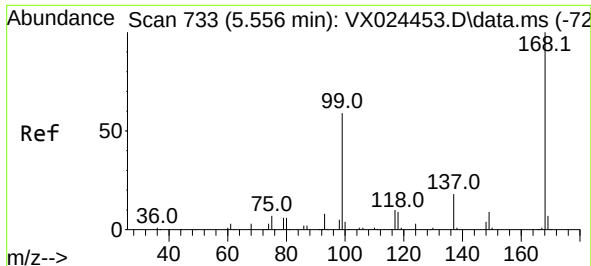
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
Data File : VX024489.D
Acq On : 24 Sep 2021 07:46
Operator : JC/MD
Sample : M3829-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

Quant Time: Sep 24 09:07:11 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

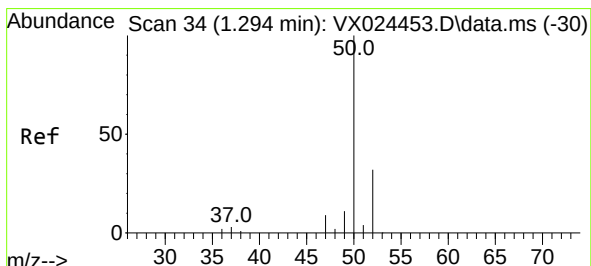
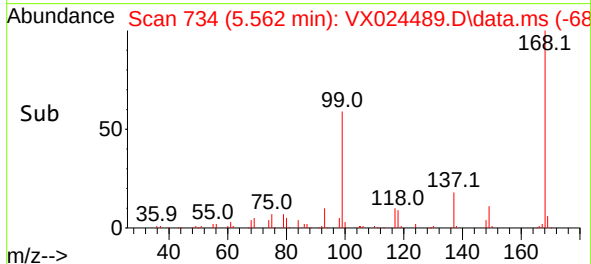
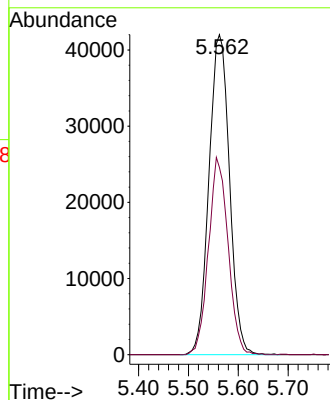
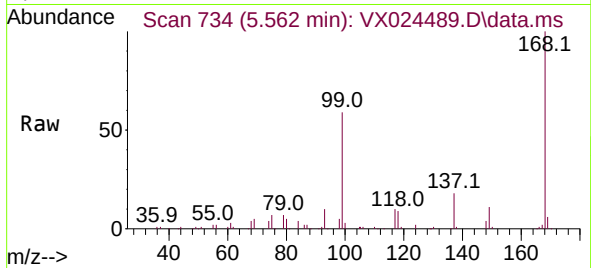




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

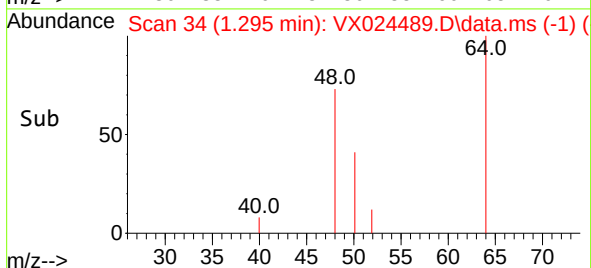
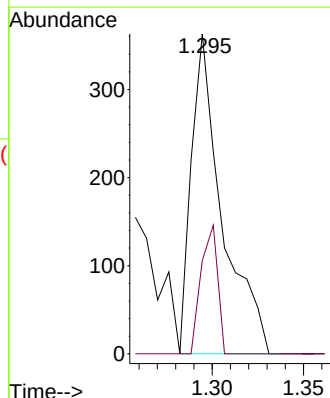
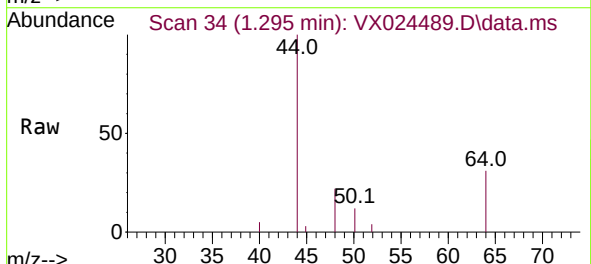
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

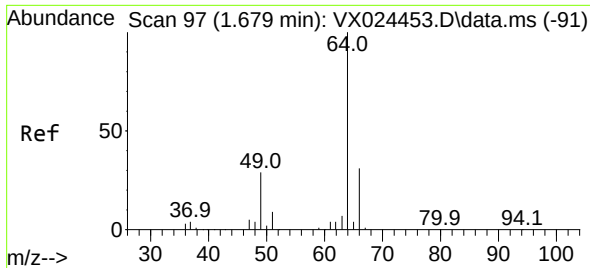
Tgt Ion:168 Resp: 120115
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.373 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 50 Resp: 425
Ion Ratio Lower Upper
50 100
52 29.2 26.4 39.6

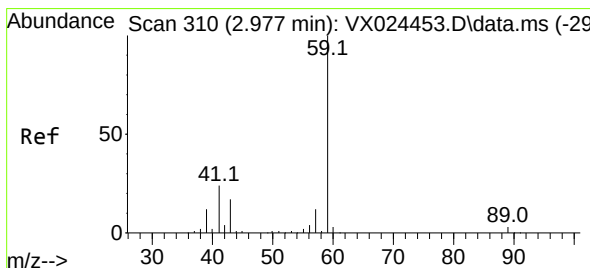
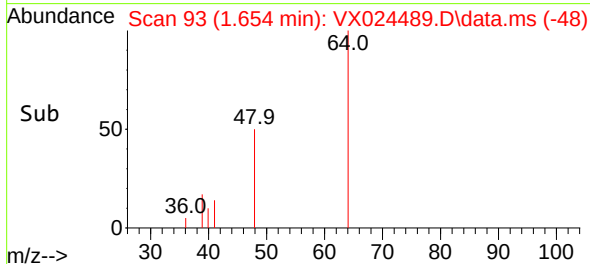
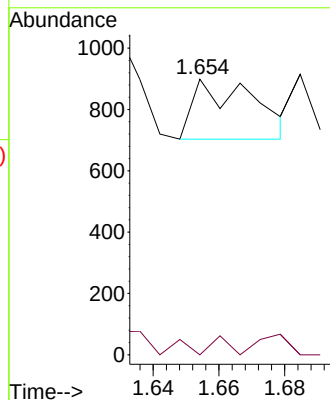
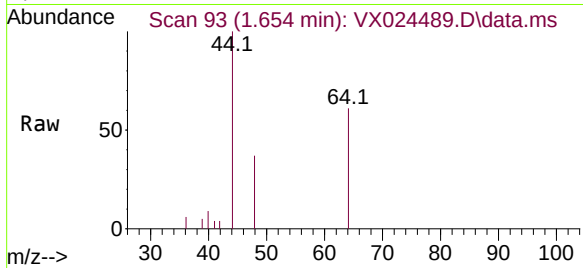




#6
Chloroethane
Concen: 0.565 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.025 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

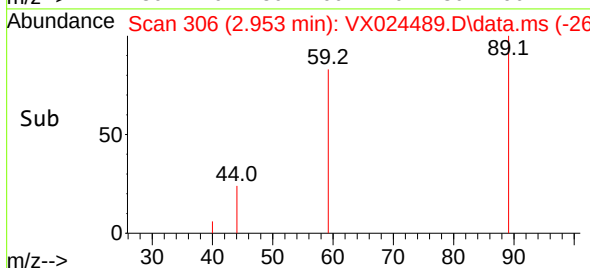
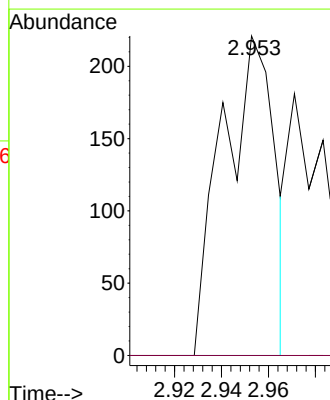
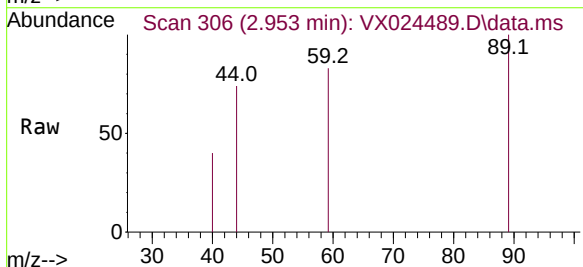
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

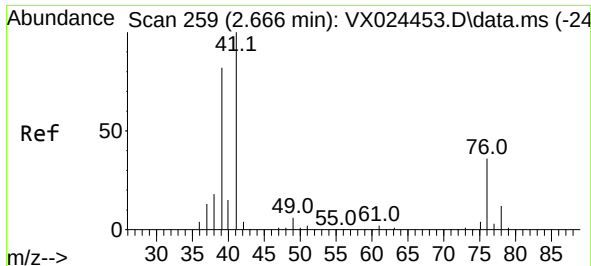
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

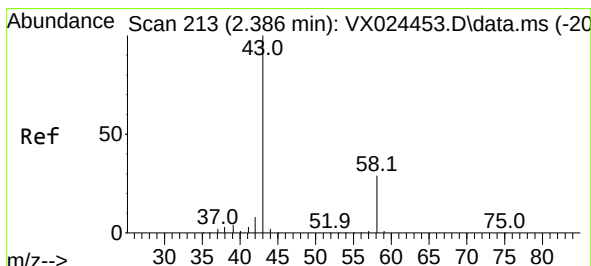
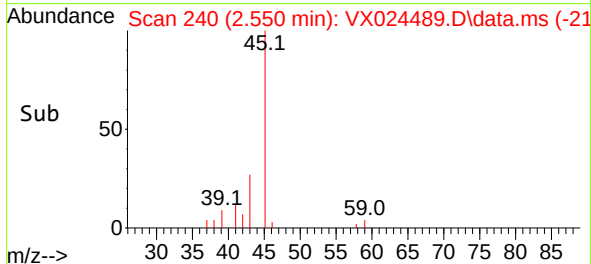
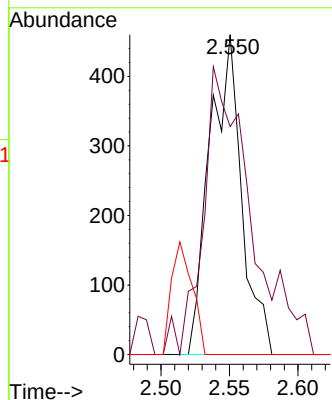
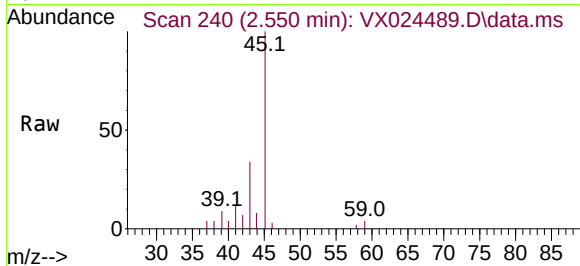




#14
 Allyl chloride
 Concen: 0.371 ug/l
 RT: 2.550 min Scan# 240
 Delta R.T. -0.116 min
 Lab File: VX024489.D
 Acq: 24 Sep 2021 07:46

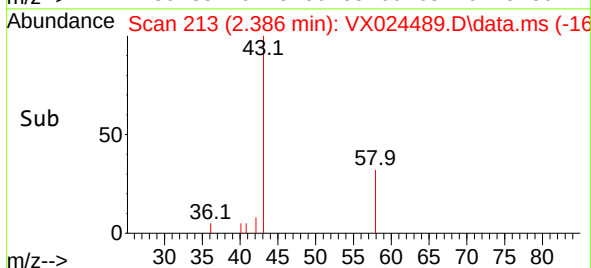
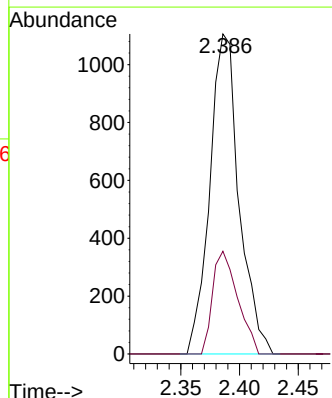
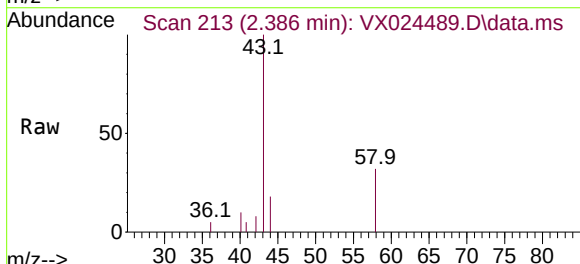
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D1-20210916

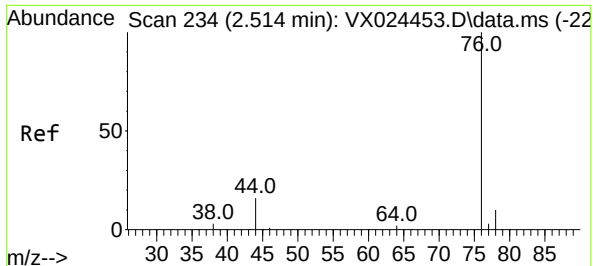
Tgt Ion: 41	Resp: 747
Ion Ratio	Lower Upper
41 100	
39 135.6	51.6 77.4#
76 0.0	30.5 45.7#



#16
 Acetone
 Concen: Below Cal
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX024489.D
 Acq: 24 Sep 2021 07:46

Tgt Ion: 43	Resp: 1922
Ion Ratio	Lower Upper
43 100	
58 32.1	27.8 41.8

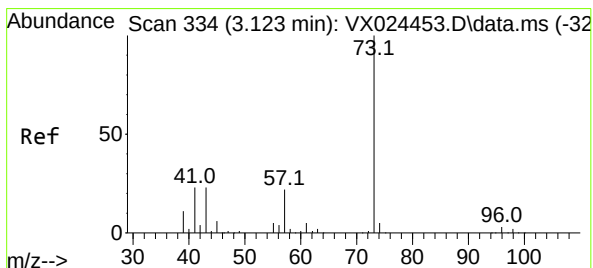
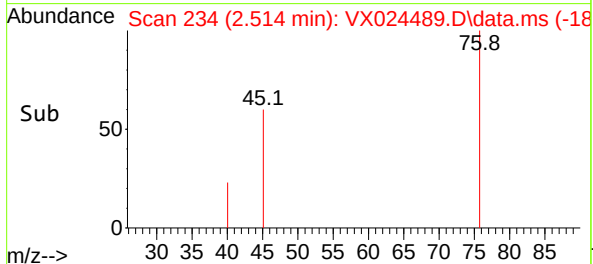
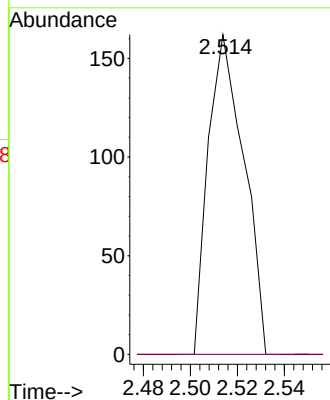
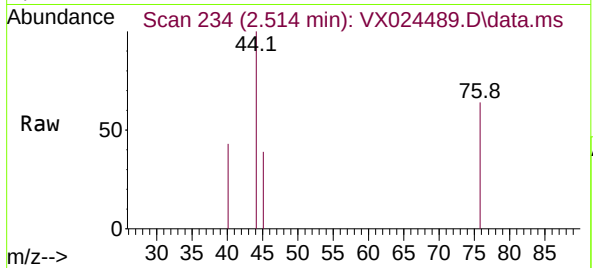




#17
Carbon Disulfide
Concen: 0.288 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

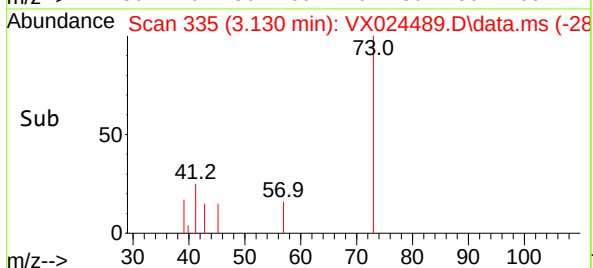
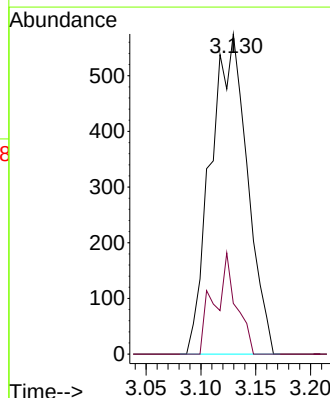
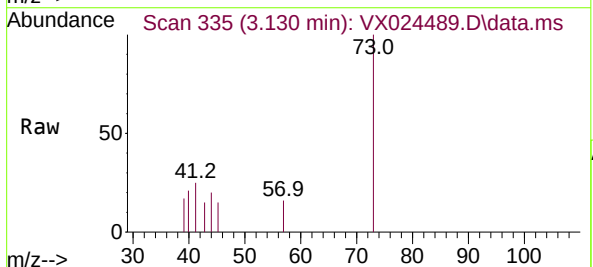
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

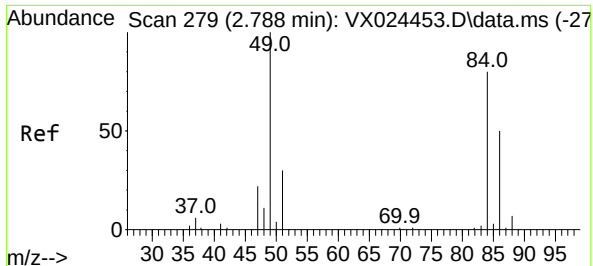
Tgt Ion: 76 Resp: 171
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 0.323 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.007 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 73 Resp: 1339
Ion Ratio Lower Upper
73 100
57 15.8 17.1 25.7#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024489.D

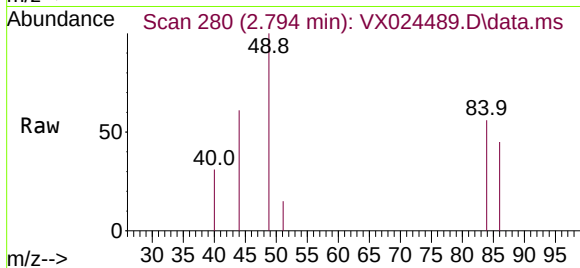
Acq: 24 Sep 2021 07:46

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20210916



Tgt Ion: 84 Resp: 313

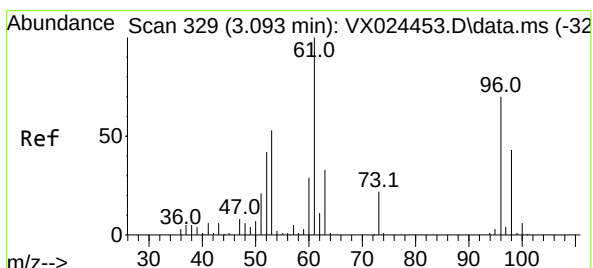
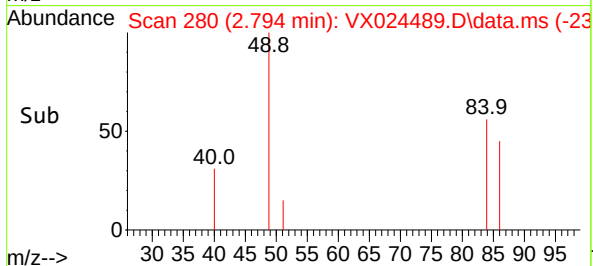
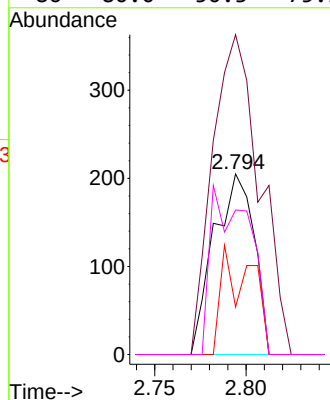
Ion Ratio Lower Upper

84 100

49 177.1 88.6 132.8#

51 26.3 27.0 40.6#

86 80.0 50.3 75.5#



#21

trans-1,2-Dichloroethene

Concen: 0.369 ug/l

RT: 3.087 min Scan# 328

Delta R.T. -0.006 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

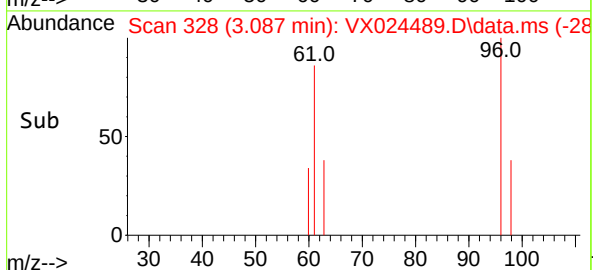
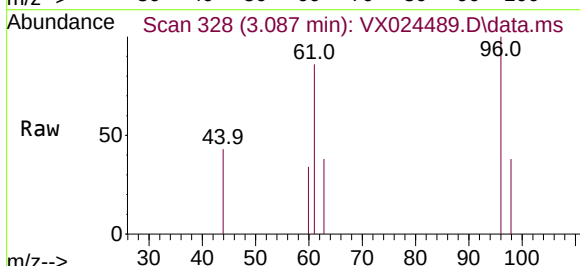
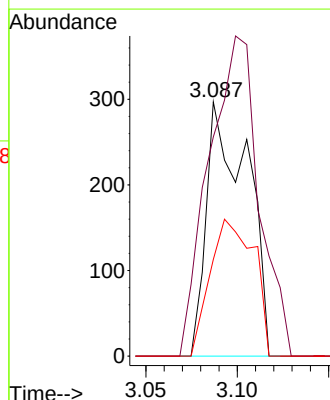
Tgt Ion: 96 Resp: 461

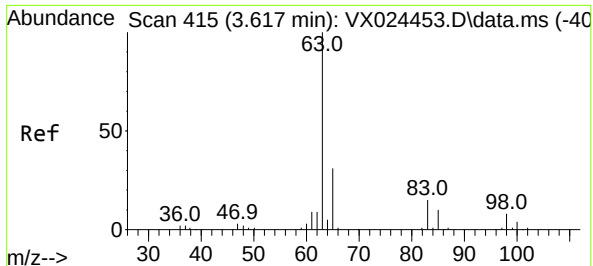
Ion Ratio Lower Upper

96 100

61 86.2 107.7 161.5#

98 38.0 50.4 75.6#

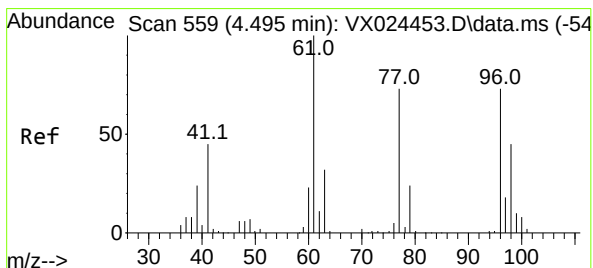
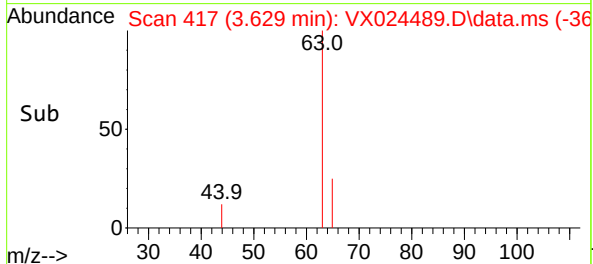
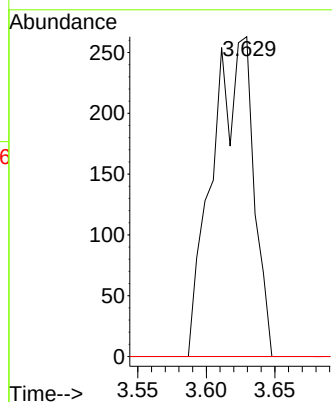
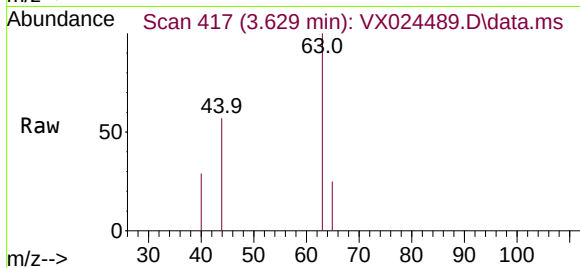




#24
1,1-Dichloroethane
Concen: 0.238 ug/l
RT: 3.629 min Scan# 417
Delta R.T. 0.012 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

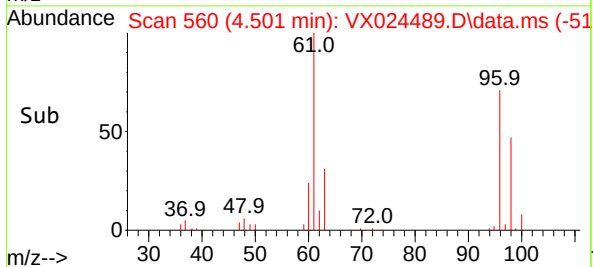
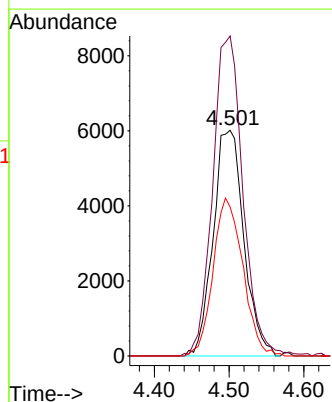
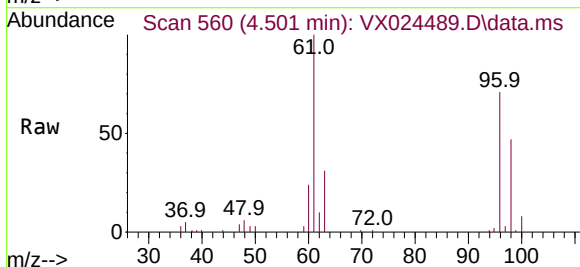
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

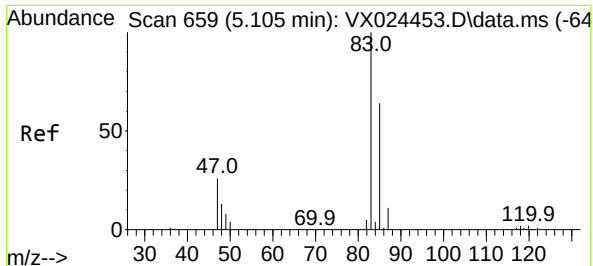
Tgt Ion: 63 Resp: 544
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 11.741 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 96 Resp: 17158
Ion Ratio Lower Upper
96 100
61 139.7 0.0 285.6
98 68.0 0.0 129.6





#30

Chloroform

Concen: 0.210 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

Tgt Ion: 83 Resp: 530

Ion Ratio Lower Upper

83 100

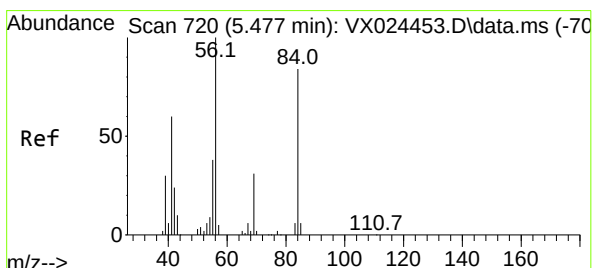
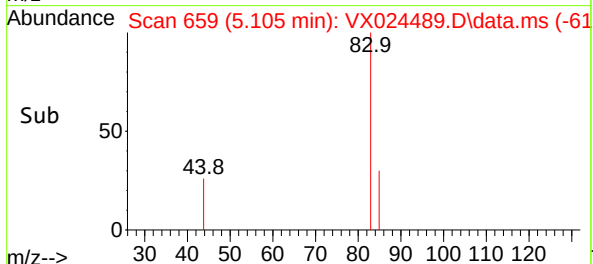
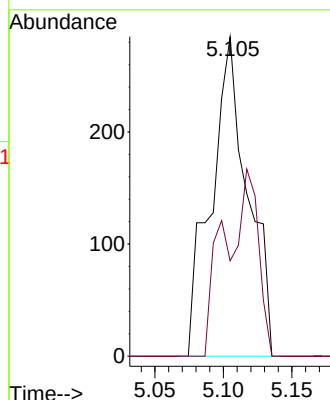
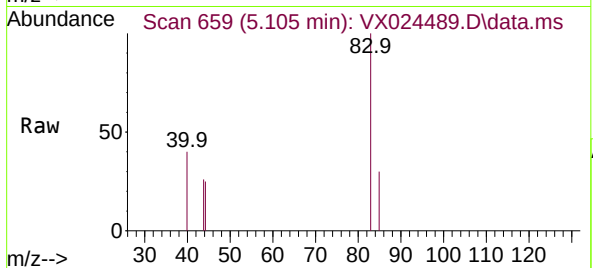
85 29.8 52.0 78.0#

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20210916



#31

Cyclohexane

Concen: 1.323 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

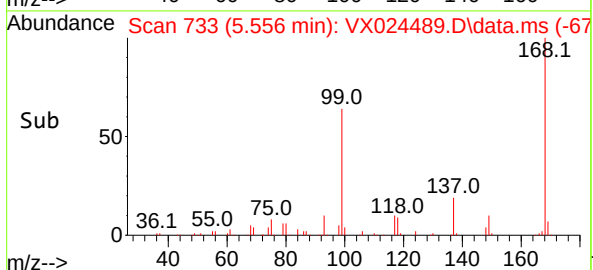
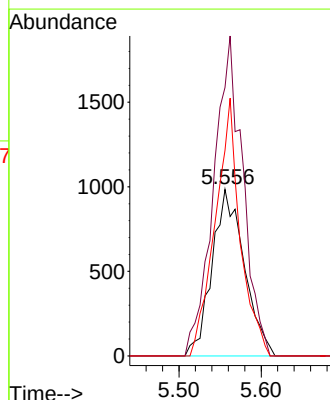
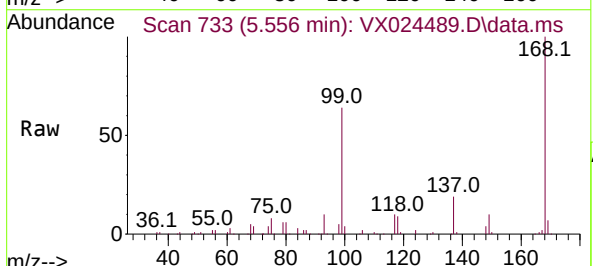
Tgt Ion: 56 Resp: 2681

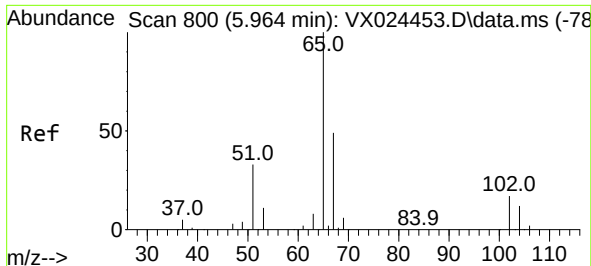
Ion Ratio Lower Upper

56 100

69 161.1 25.3 37.9#

84 123.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.846 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

Tgt Ion: 65 Resp: 91154

Ion Ratio Lower Upper

65 100

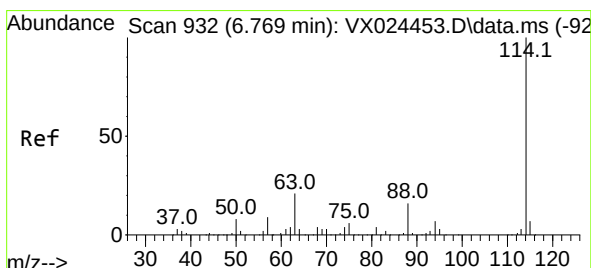
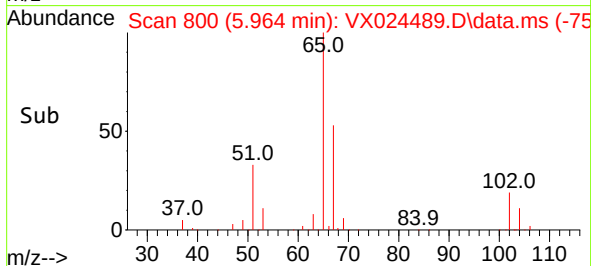
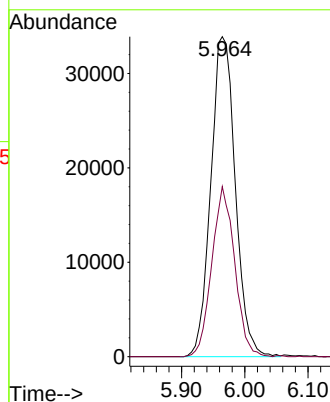
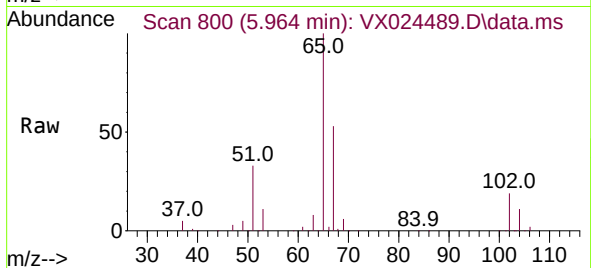
67 49.6 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

MW179D1-20210916



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

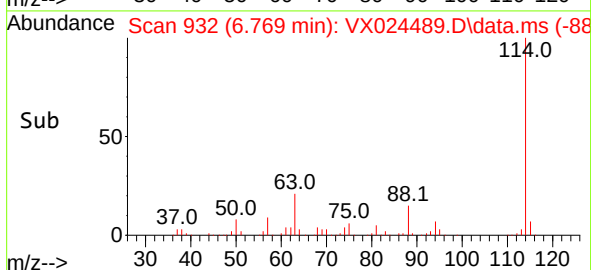
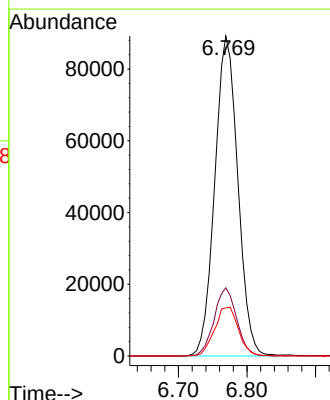
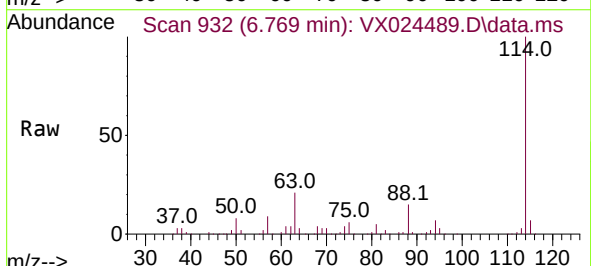
Tgt Ion: 114 Resp: 207886

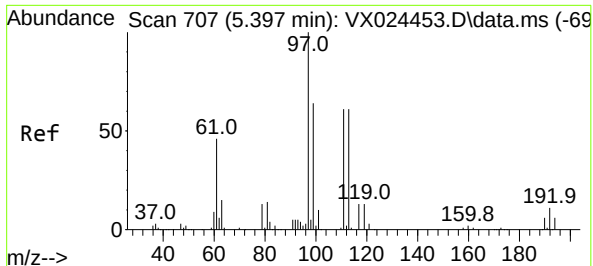
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 15.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.500 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

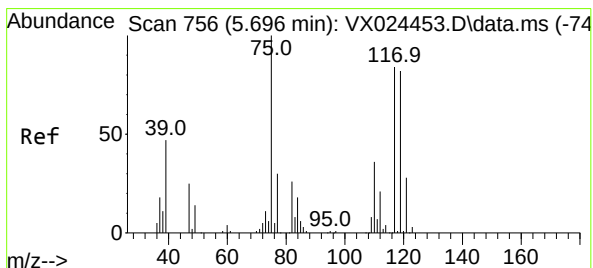
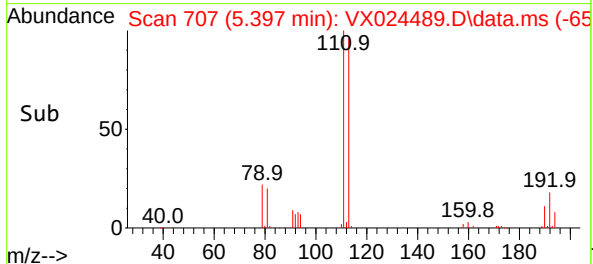
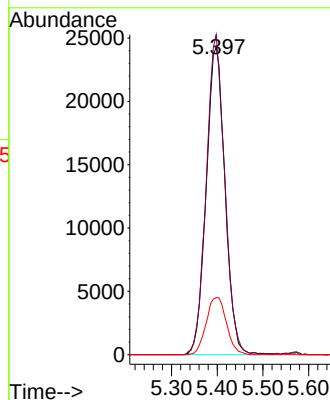
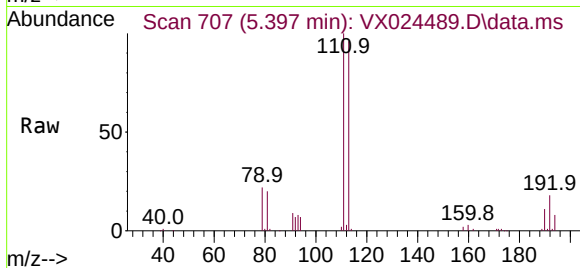
Tgt Ion:113 Resp: 69742

Ion Ratio Lower Upper

113 100

111 101.7 81.9 122.9

192 19.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.637 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX024489.D

Acq: 24 Sep 2021 07:46

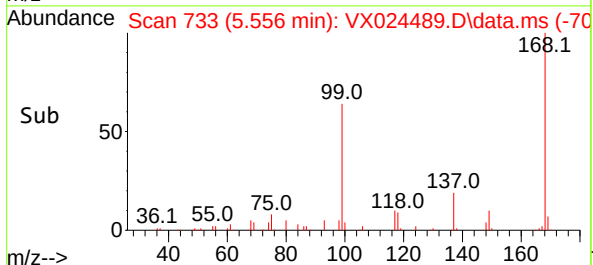
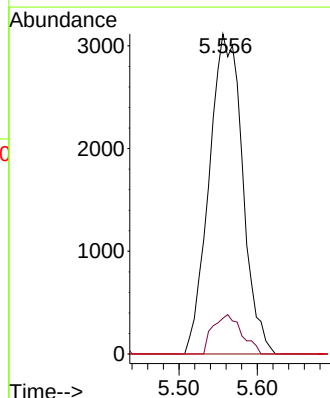
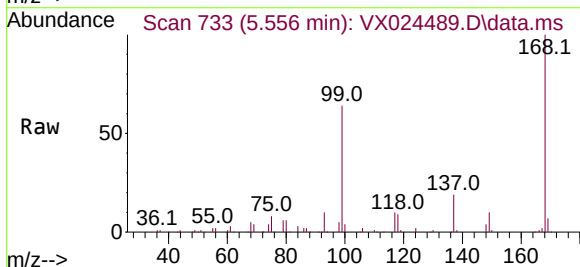
Tgt Ion: 75 Resp: 9241

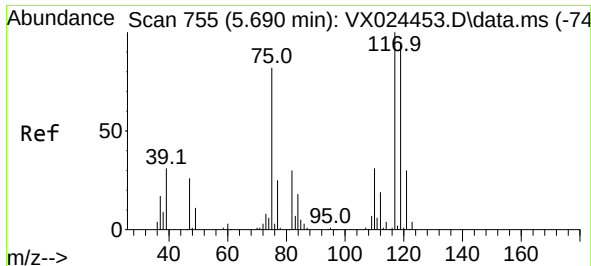
Ion Ratio Lower Upper

75 100

110 10.6 18.1 54.4#

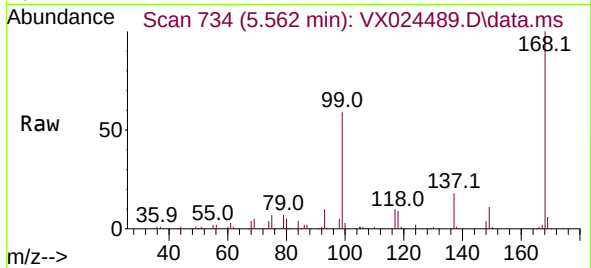
77 0.0 25.3 37.9#



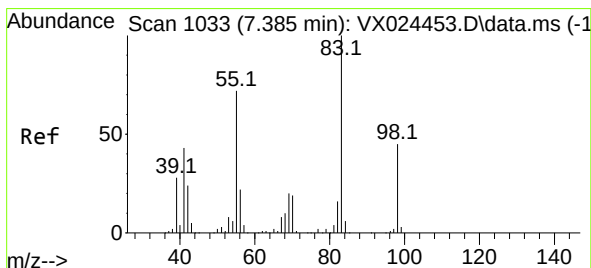
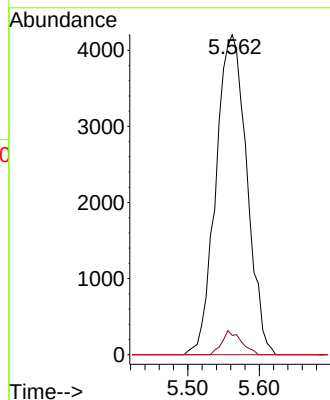
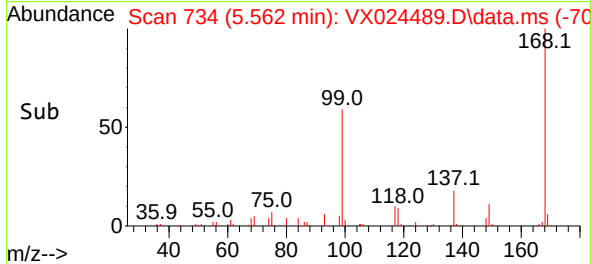


#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

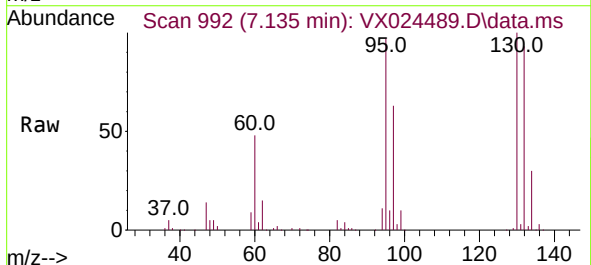
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916



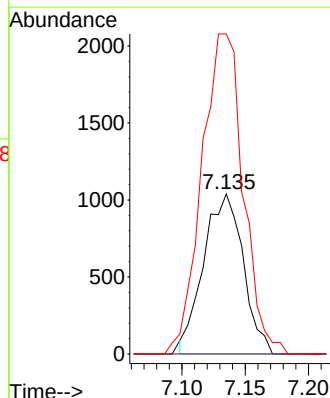
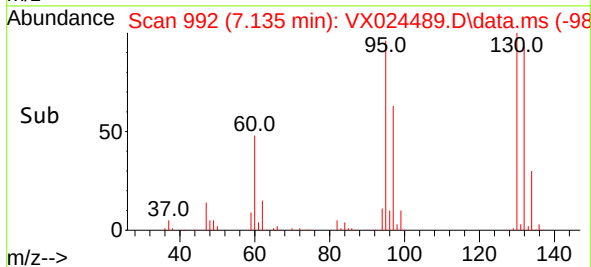
Tgt Ion:117 Resp: 12624
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

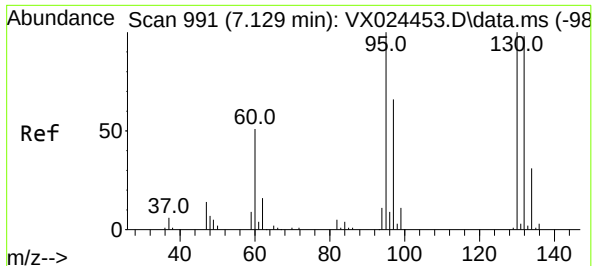


#39
Methylcyclohexane
Concen: 0.965 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46



Tgt Ion: 83 Resp: 2253
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 192.5 38.1 57.1#

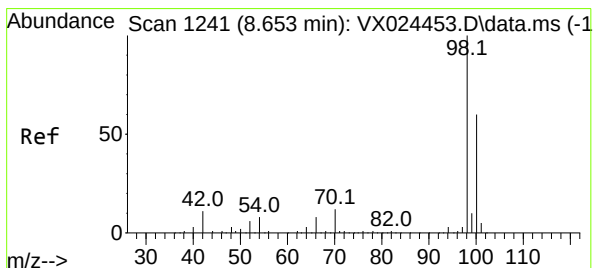
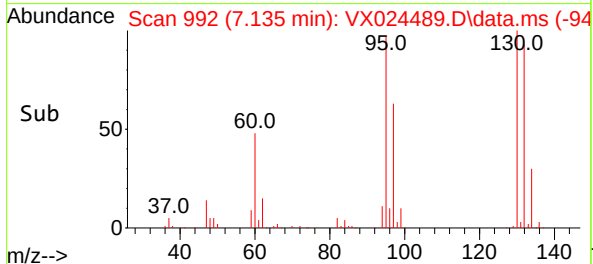
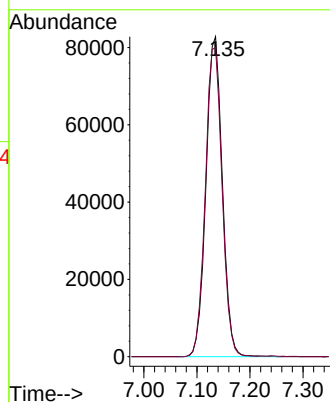
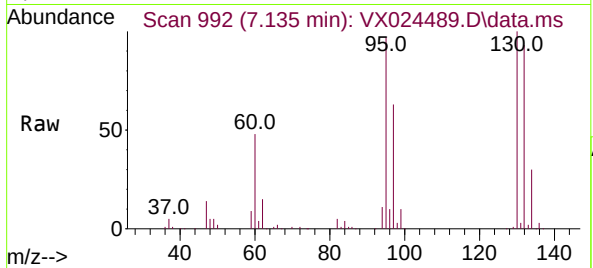




#44
Trichloroethene
Concen: 113.326 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

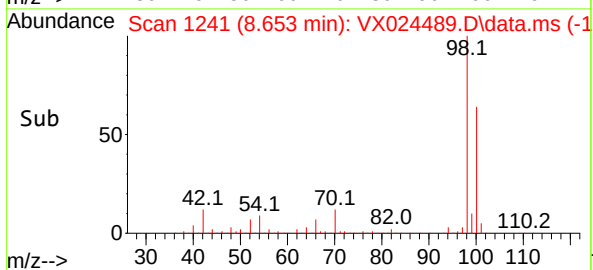
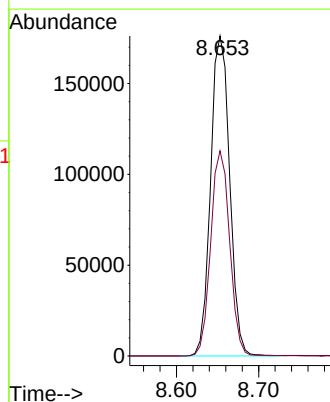
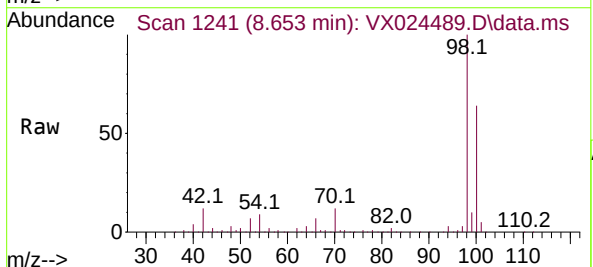
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

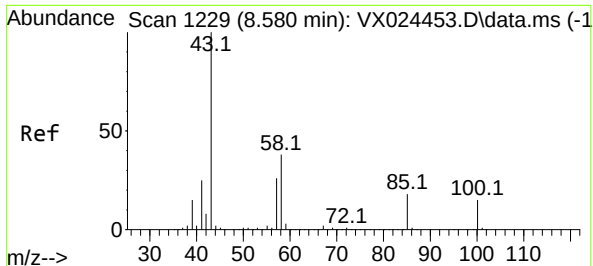
Tgt Ion:130 Resp: 177687
Ion Ratio Lower Upper
130 100
95 96.7 0.0 198.0



#50
Toluene-d8
Concen: 55.772 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 98 Resp: 283486
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

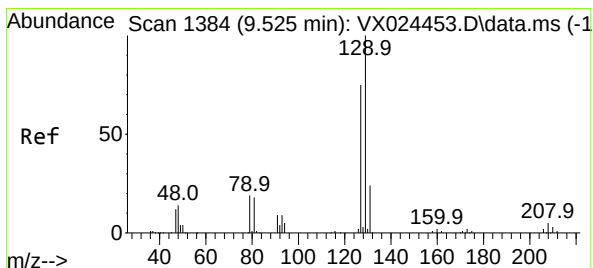
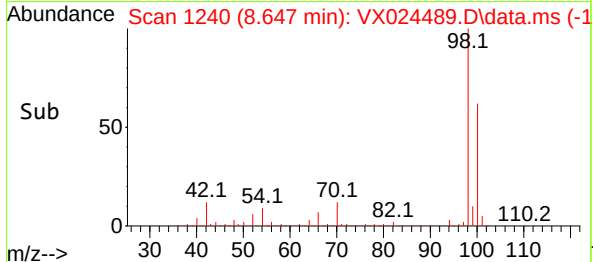
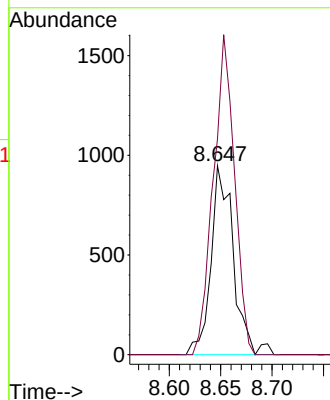
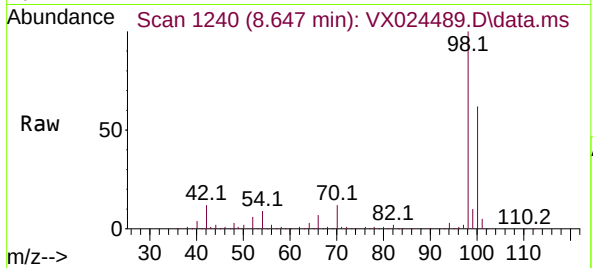




#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

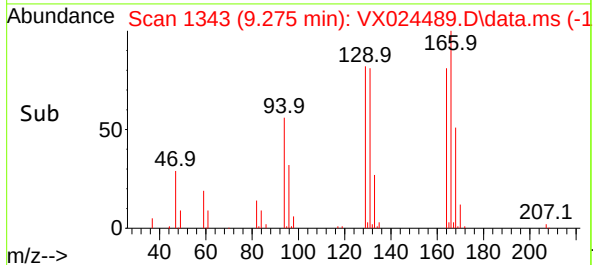
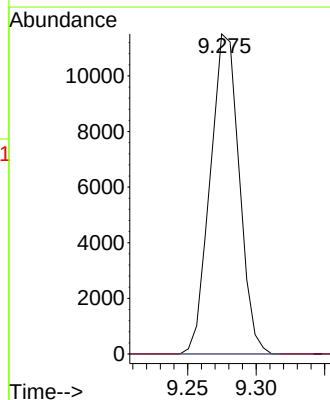
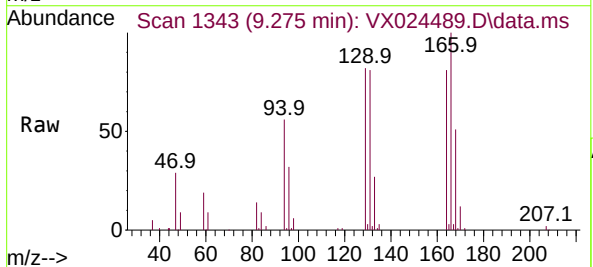
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

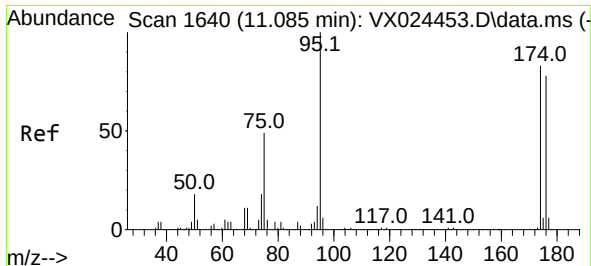
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 160.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 10.783 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 129 Resp: 16976
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

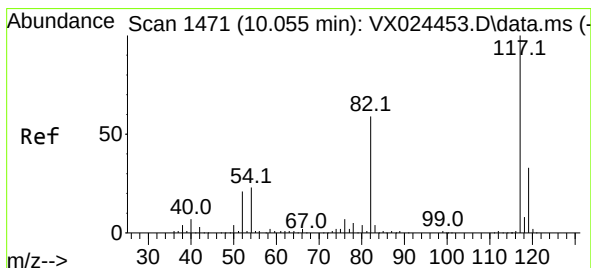
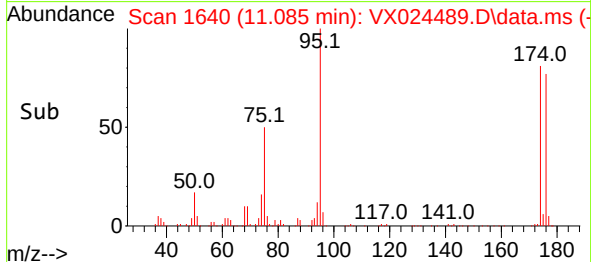
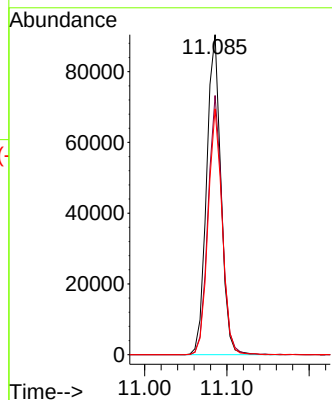
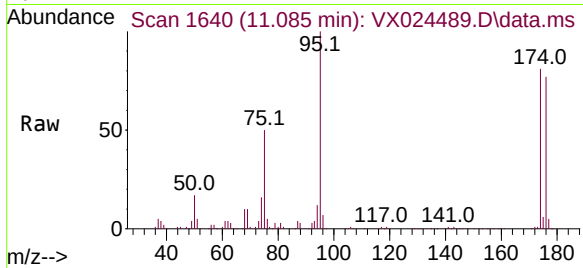




#62
4-Bromofluorobenzene
Concen: 54.847 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

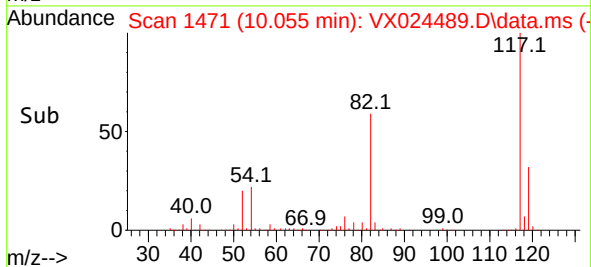
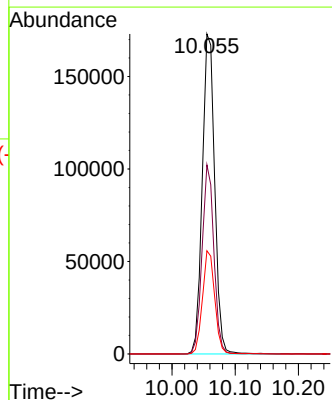
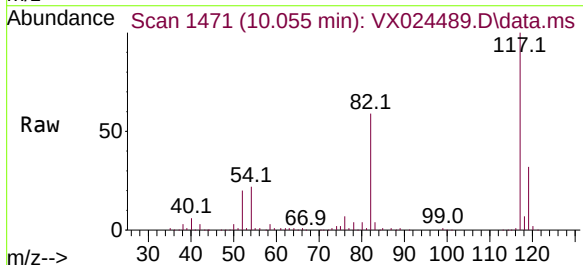
Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

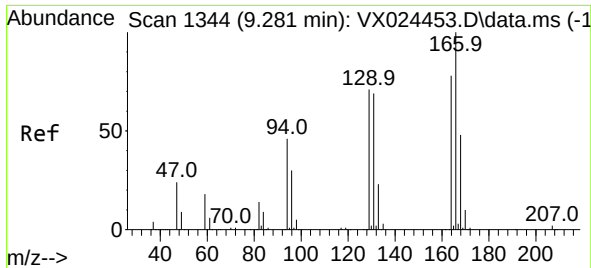
Tgt Ion: 95 Resp: 109614
Ion Ratio Lower Upper
95 100
174 79.9 0.0 154.6
176 75.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 117 Resp: 236238
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 32.3 26.6 39.8



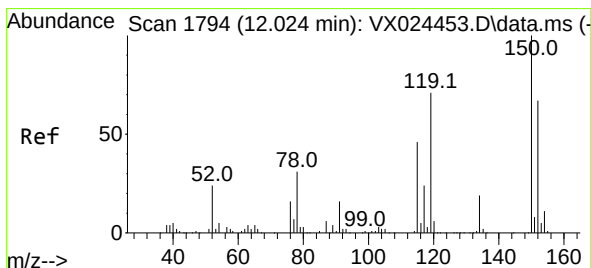
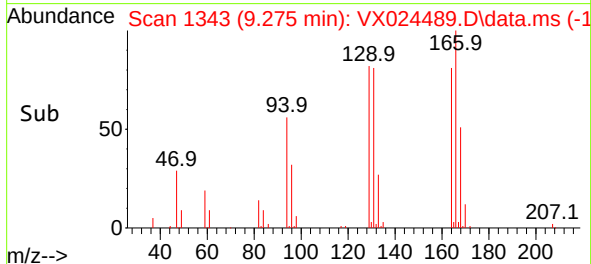
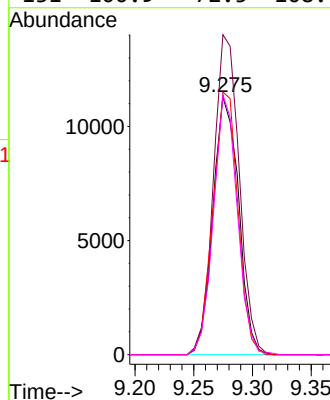
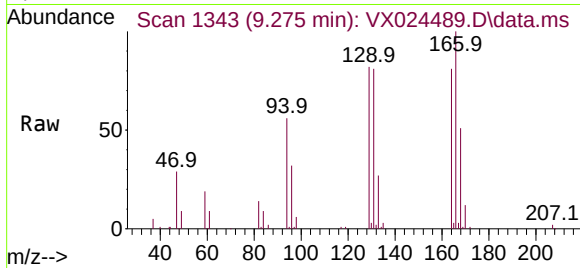


#64
Tetrachloroethene
Concen: 10.460 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

Tgt Ion:164 Resp: 17102

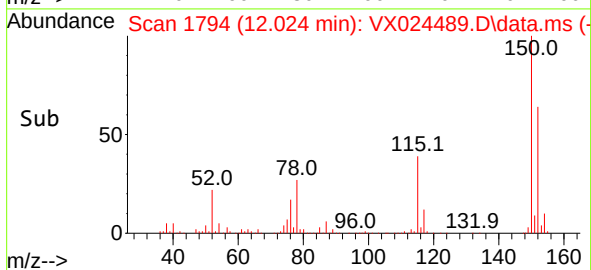
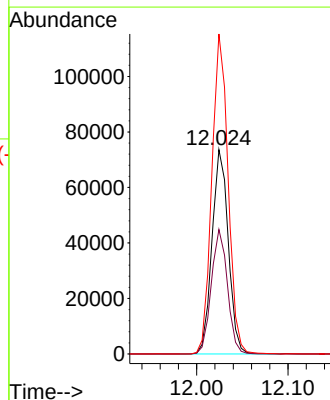
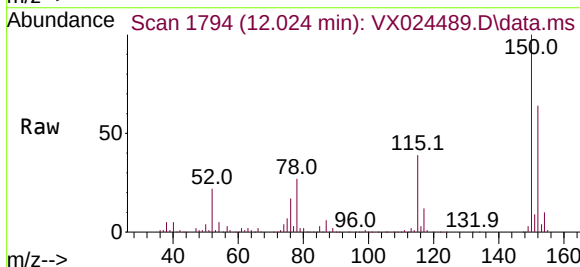
Ion	Ratio	Lower	Upper
164	100		
166	124.2	103.4	155.2
129	101.9	70.8	106.2
131	100.9	72.5	108.7

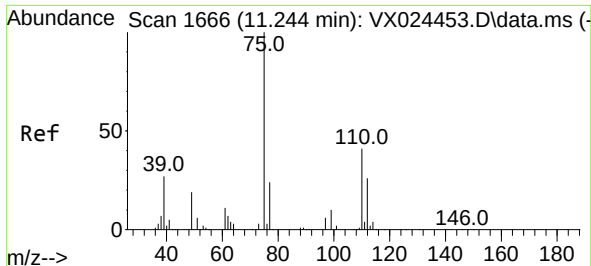


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion:152 Resp: 90785

Ion	Ratio	Lower	Upper
152	100		
115	60.4	41.1	123.3
150	156.4	0.0	349.0

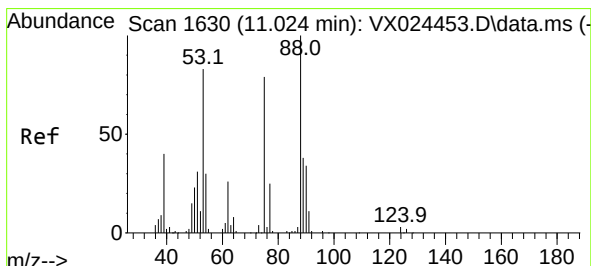
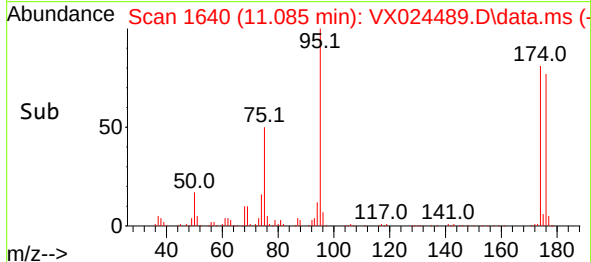
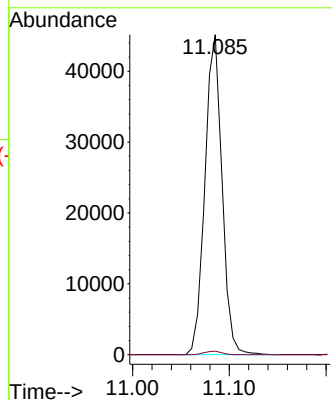
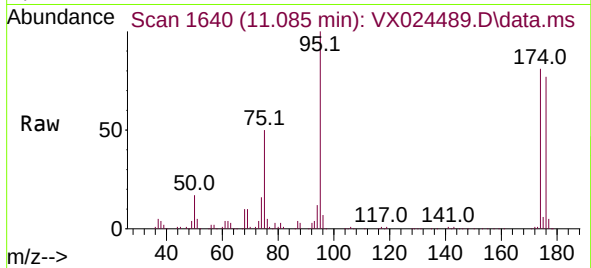




#76
1,2,3-Trichloropropane
Concen: 26.995 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Instrument :
MSVOA_X
ClientSampleId :
MW179D1-20210916

Tgt Ion: 75 Resp: 55654
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.459 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024489.D
Acq: 24 Sep 2021 07:46

Tgt Ion: 75 Resp: 55654
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

