

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023279.D
 Acq On : 14 Jul 2021 15:11
 Operator : JC/MD
 Sample : PB137668ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 15 04:27:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

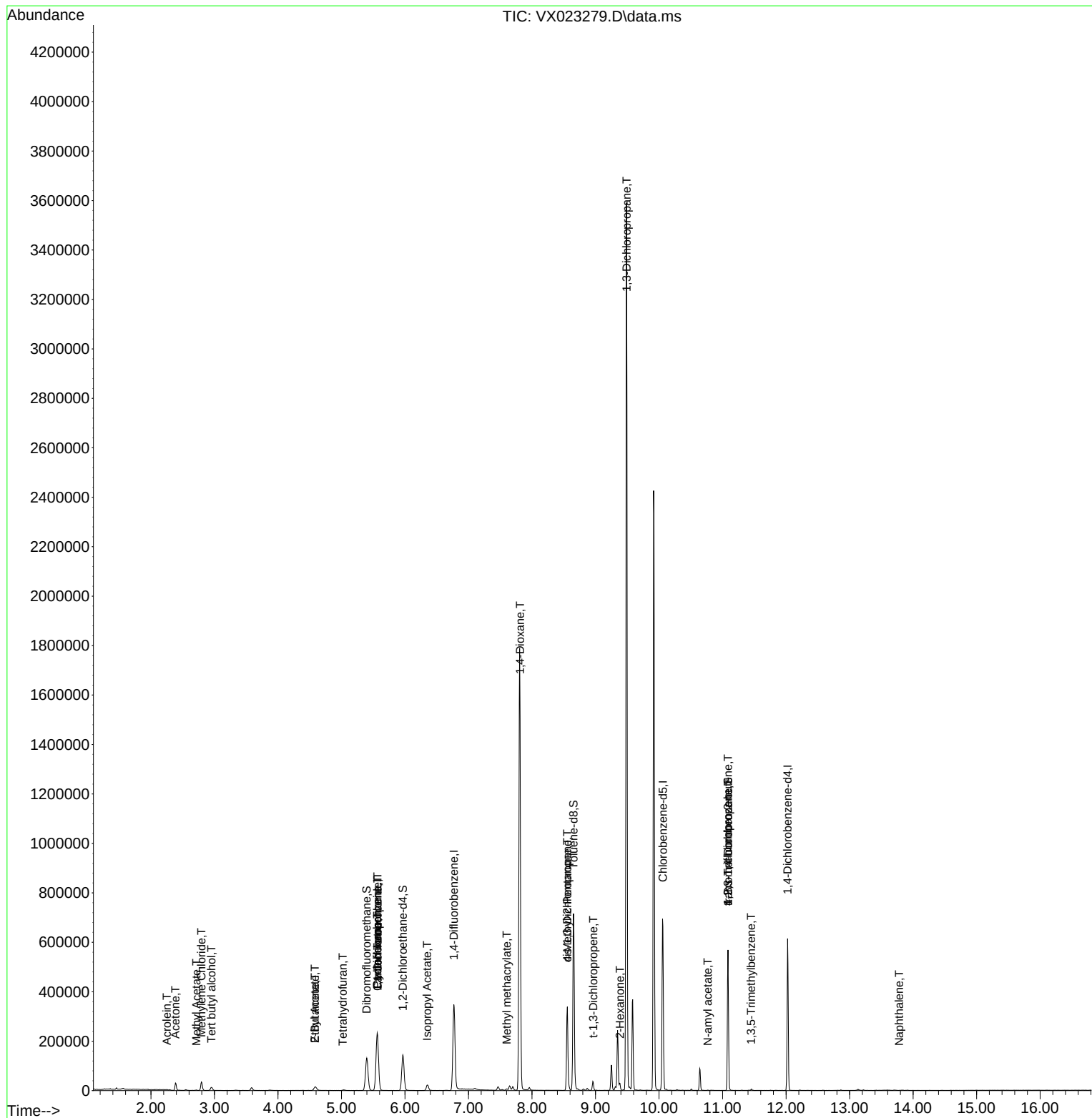
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	218849	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	352032	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	320875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	146743	49.890	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.780%
35) Dibromofluoromethane	5.397	113	112492	49.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	8.653	98	424531	50.063	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.120%
62) 4-Bromofluorobenzene	11.085	95	147082	44.928	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	77	Below Cal	#	2
11) Tert butyl alcohol	2.953	59	7800	12.605	ug/l #	79
13) Acrolein	2.252	56	307	0.745	ug/l #	66
16) Acetone	2.386	43	31484	27.056	ug/l	89
18) Methyl Acetate	2.715	43	1912	0.677	ug/l	93
20) Methylene Chloride	2.794	84	15350	6.127	ug/l	88
25) 2-Butanone	4.580	43	6731	3.836	ug/l	96
29) Tetrahydrofuran	5.019	42	2293	2.033	ug/l #	87
31) Cyclohexane	5.562	56	4342	1.233	ug/l #	1
36) 1,1-Dichloropropene	5.568	75	16479	5.251	ug/l #	50
37) Ethyl Acetate	4.580	43	6731	1.966	ug/l #	80
38) Carbon Tetrachloride	5.568	117	22444	6.852	ug/l #	17
43) Isopropyl Acetate	6.348	43	31144	5.469	ug/l	95
48) Methyl methacrylate	7.604	41	7548	2.701	ug/l #	10
49) 1,4-Dioxane	7.812	88	327	5.200	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	117147	33.199	ug/l #	45
53) t-1,3-Dichloropropene	8.964	75	59	2.751	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	53556	14.723	ug/l #	66
57) 1,3-Dichloropropane	9.488	76	30390	7.425	ug/l #	43
59) 2-Hexanone	9.385	43	13007	4.804	ug/l #	19
74) N-amyl acetate	10.768	43	772	0.202	ug/l #	38
76) 1,2,3-Trichloropropane	11.085	75	74793	29.119	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	2579	0.333	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.085	75	74793	78.326	ug/l #	12
95) Naphthalene	13.780	128	409	1.317	ug/l #	69

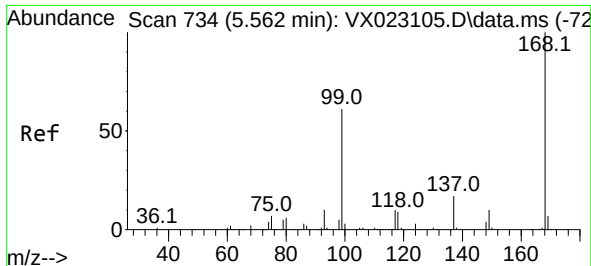
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
Data File : VX023279.D
Acq On : 14 Jul 2021 15:11
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Sample : PB137668ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

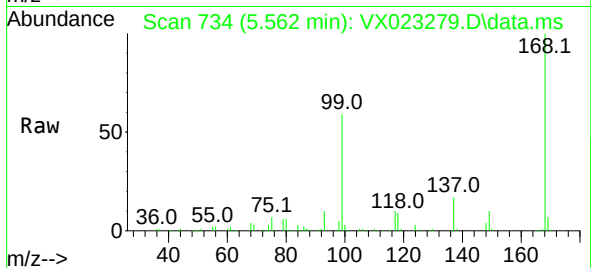
Quant Time: Jul 15 04:27:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration



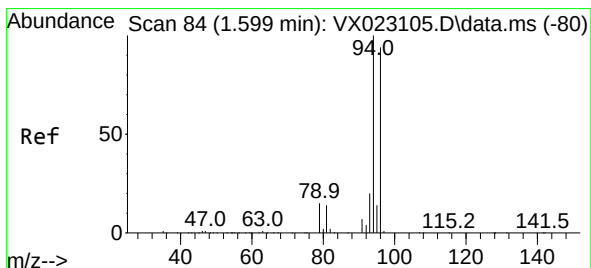
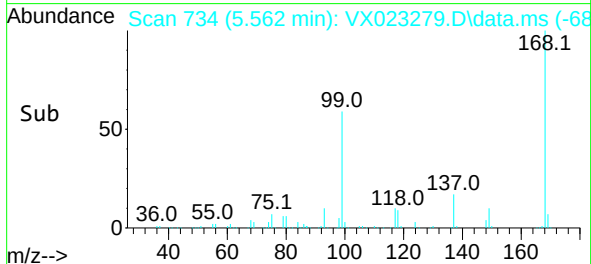
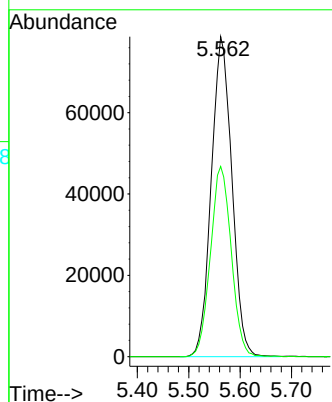


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :

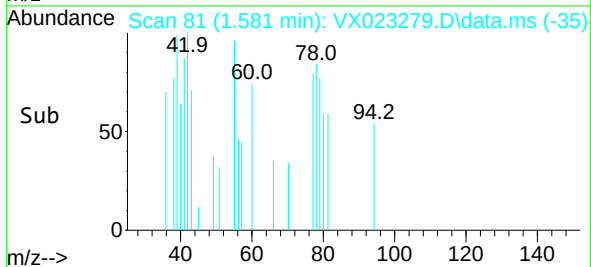
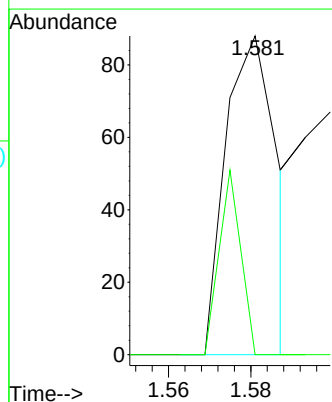
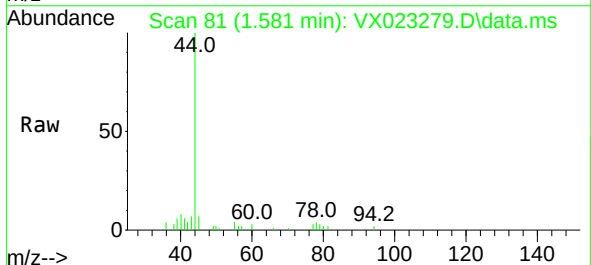


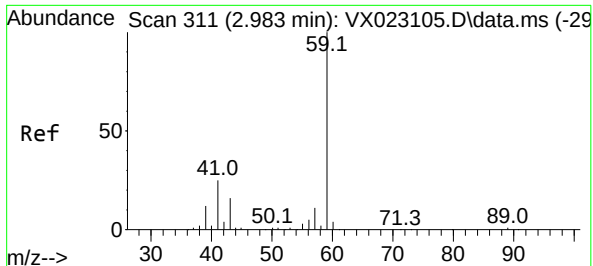
Tgt Ion:168 Resp: 218849
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



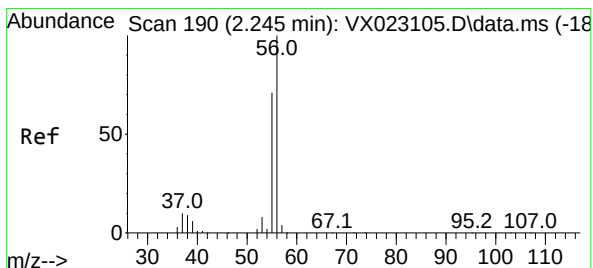
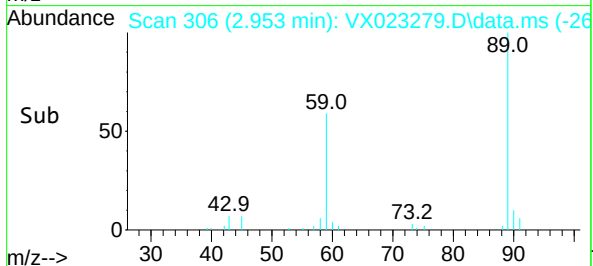
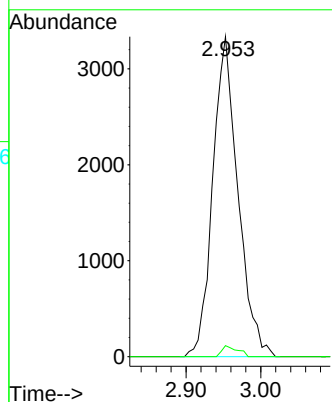
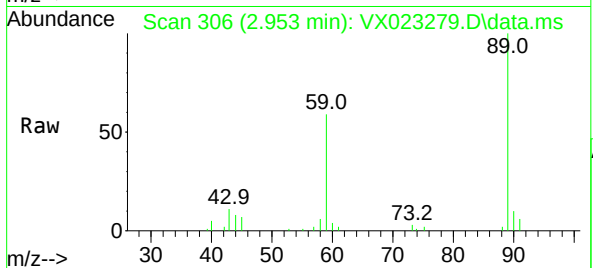


#11

Tert butyl alcohol
Concen: 12.605 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampled :

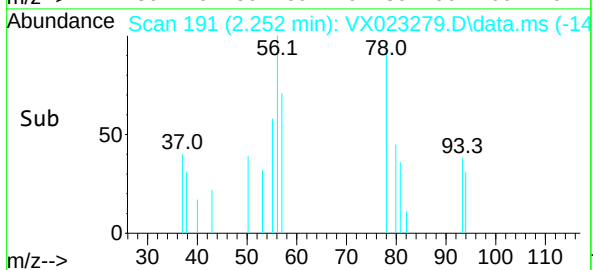
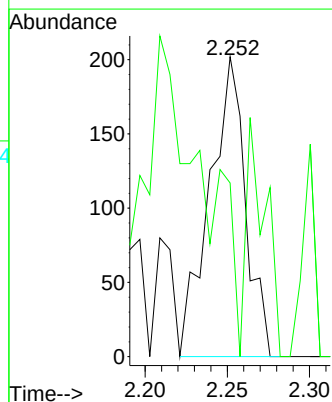
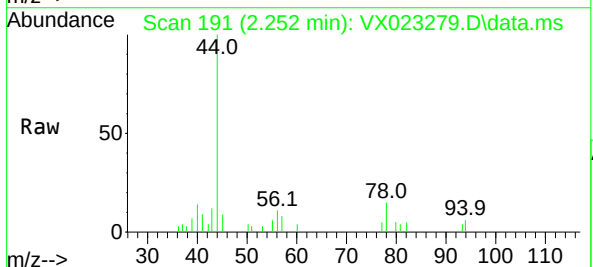
Tgt Ion: 59 Resp: 7800
Ion Ratio Lower Upper
59 100
57 2.1 7.8 11.8#

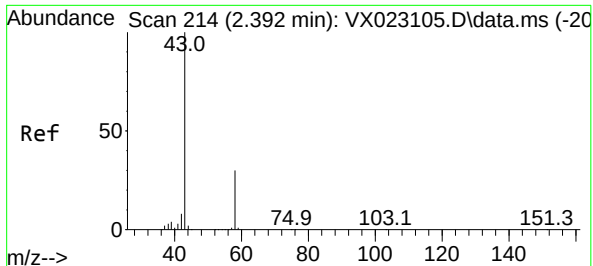


#13

Acrolein
Concen: 0.745 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.007 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 56 Resp: 307
Ion Ratio Lower Upper
56 100
55 42.7 56.4 84.6#

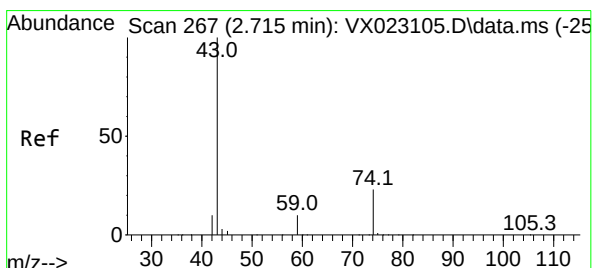
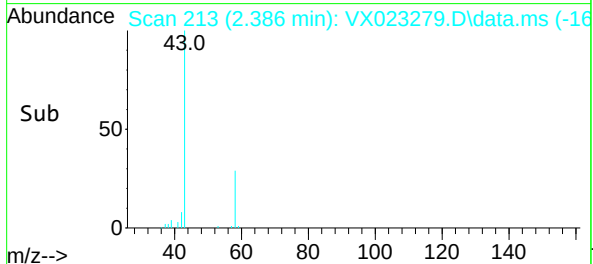
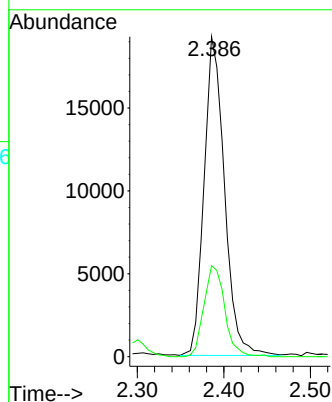
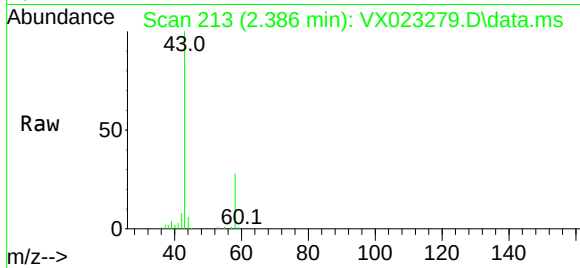




#16
Acetone
Concen: 27.056 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

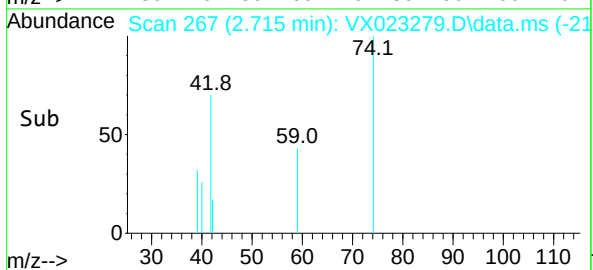
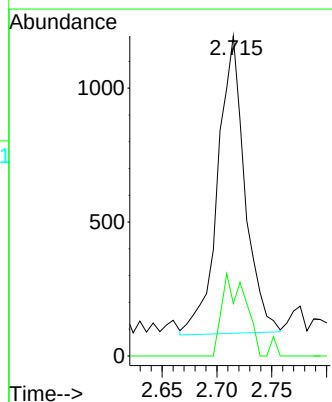
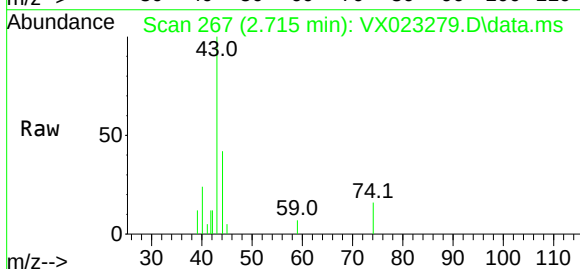
Instrument :
MSVOA_X
ClientSampled :

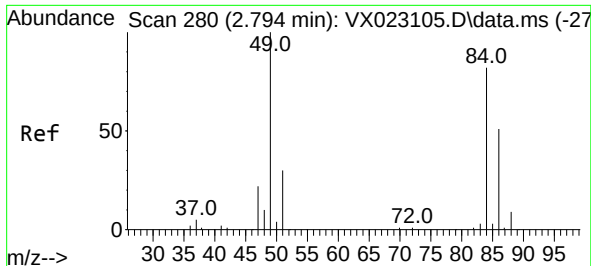
Tgt Ion: 43 Resp: 31484
Ion Ratio Lower Upper
43 100
58 28.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

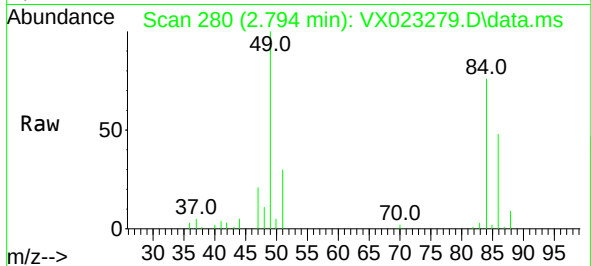
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
74 23.7 21.9 32.9



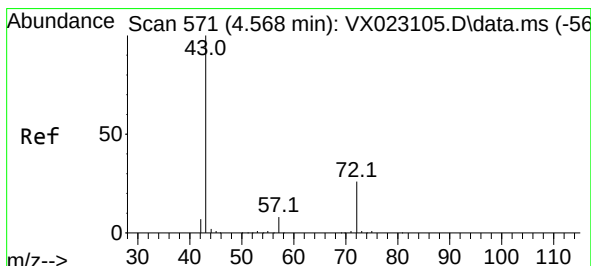
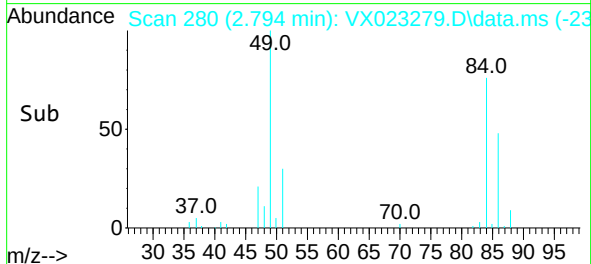
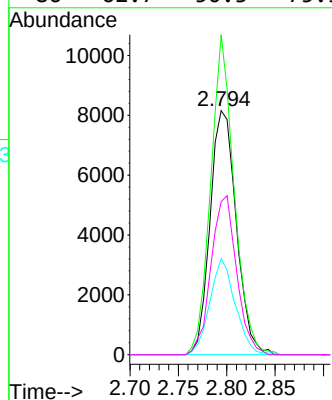


#20
Methylene Chloride
Concen: 6.127 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampled :

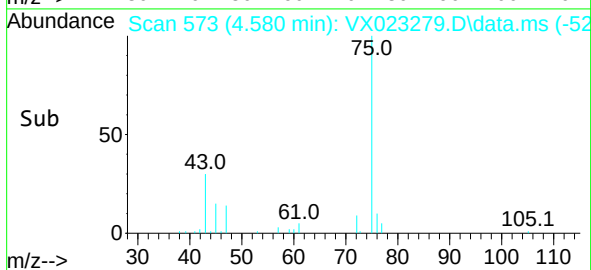
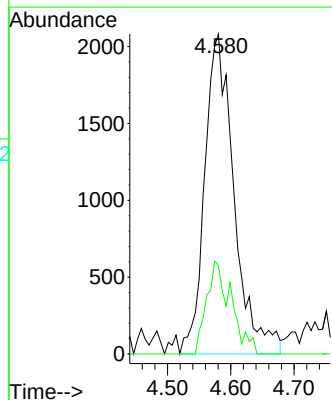
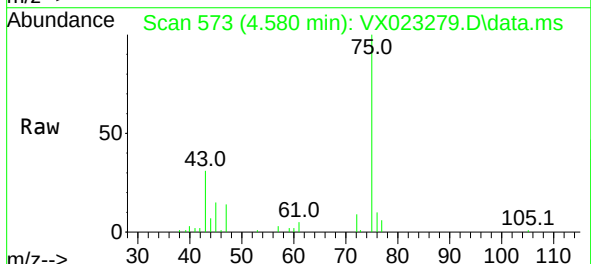


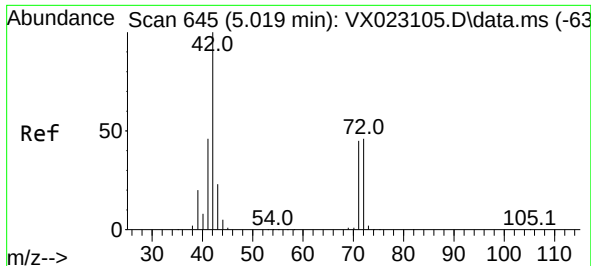
Tgt Ion:	84	Resp:	15350
Ion	Ratio	Lower	Upper
84	100		
49	131.1	88.6	132.8
51	39.3	27.0	40.6
86	62.7	50.3	75.5



#25
2-Butanone
Concen: 3.836 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.013 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion:	43	Resp:	6731
Ion	Ratio	Lower	Upper
43	100		
72	27.7	23.7	35.5





#29

Tetrahydrofuran

Concen: 2.033 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX023279.D

Acq: 14 Jul 2021 15:11

Tgt Ion: 42 Resp: 2293

Ion Ratio Lower Upper

42 100

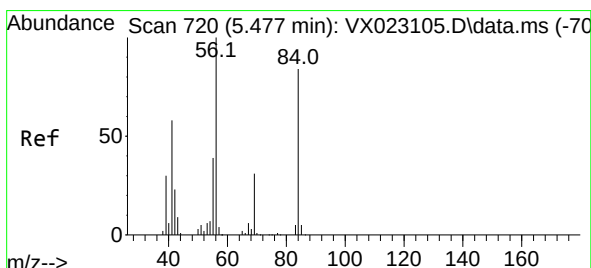
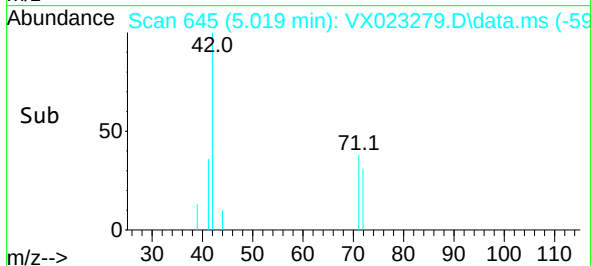
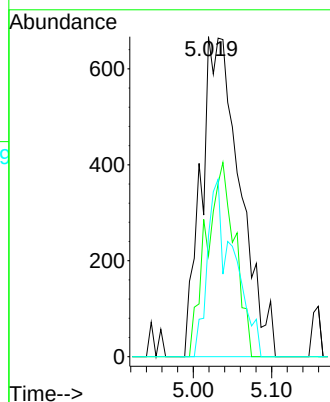
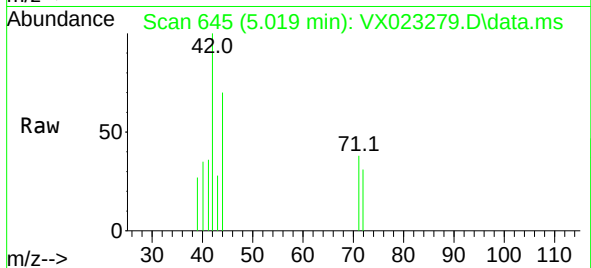
72 44.5 41.7 62.5

71 37.6 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :



#31

Cyclohexane

Concen: 1.233 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023279.D

Acq: 14 Jul 2021 15:11

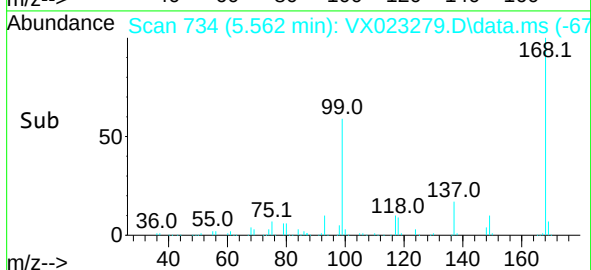
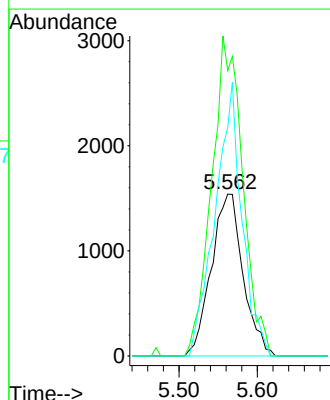
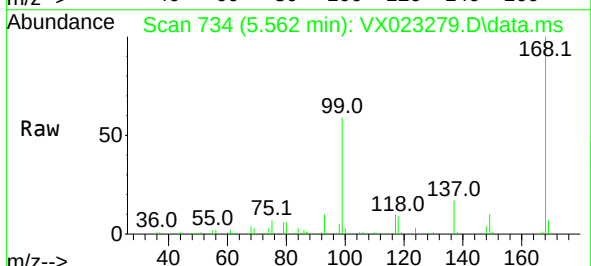
Tgt Ion: 56 Resp: 4342

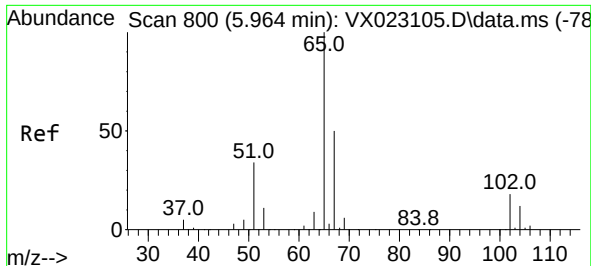
Ion Ratio Lower Upper

56 100

69 176.2 25.3 37.9#

84 141.2 71.4 107.0#

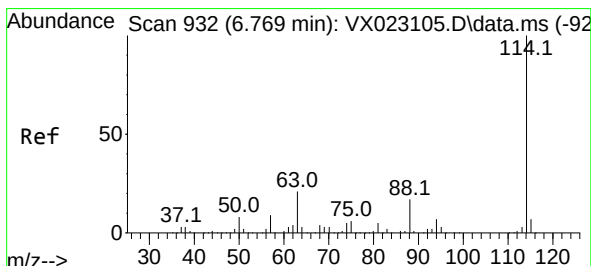
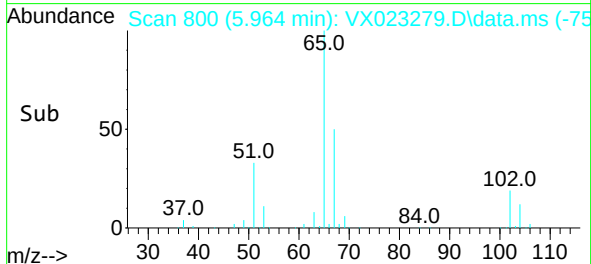
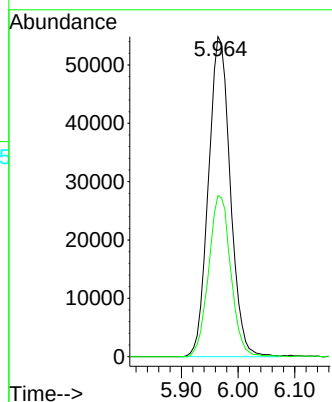
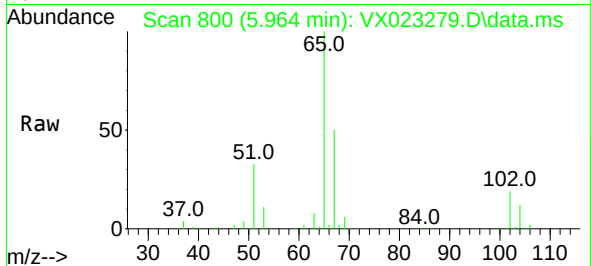




#33
 1,2-Dichloroethane-d4
 Concen: 49.890 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX023279.D
 Acq: 14 Jul 2021 15:11

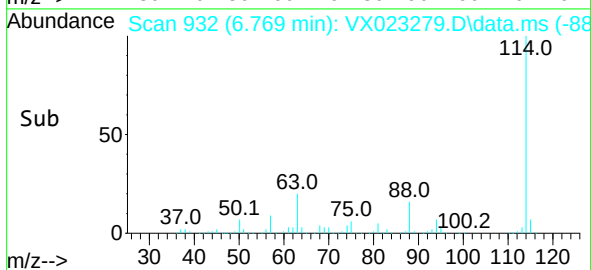
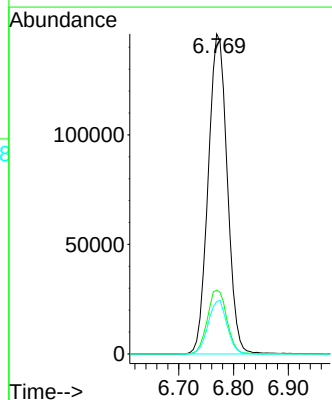
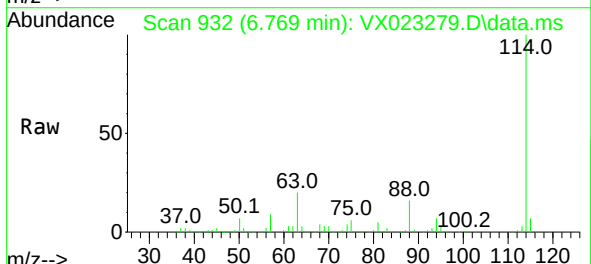
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 ClientSampleId :

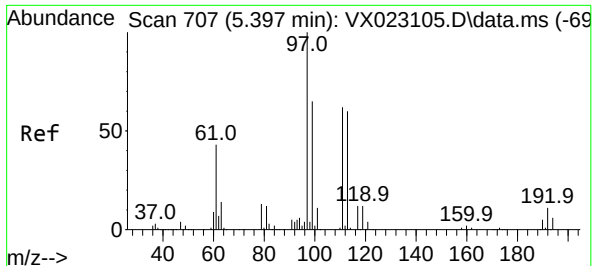
Tgt Ion: 65 Resp: 146743
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX023279.D
 Acq: 14 Jul 2021 15:11

Tgt Ion: 114 Resp: 352032
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 16.4 0.0 32.8

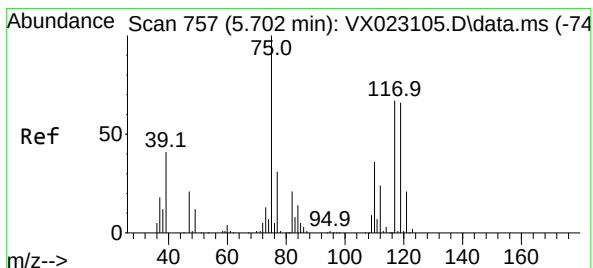
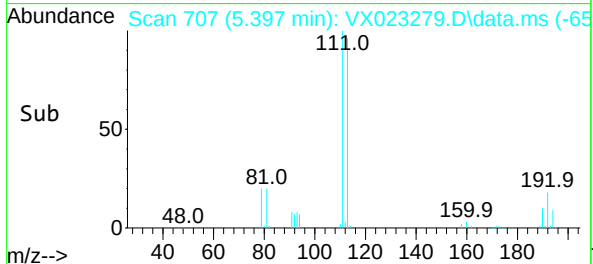
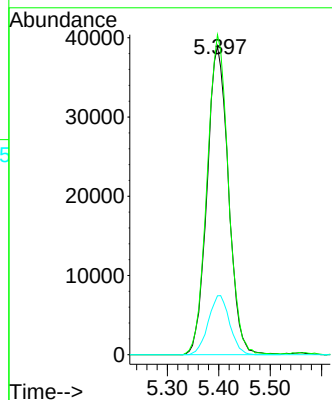
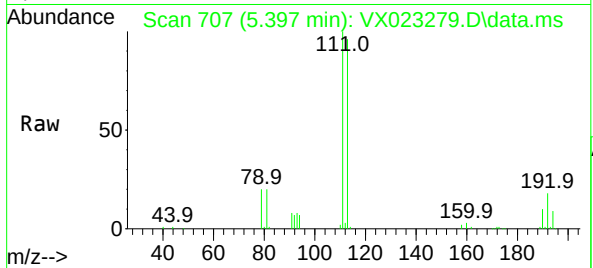




#35
Dibromofluoromethane
Concen: 49.485 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

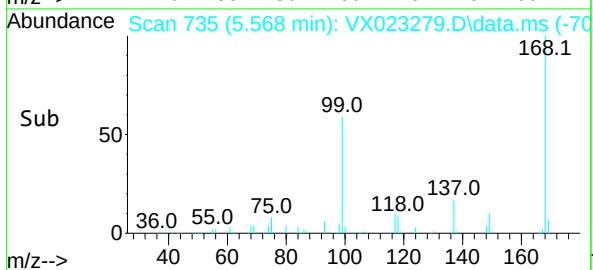
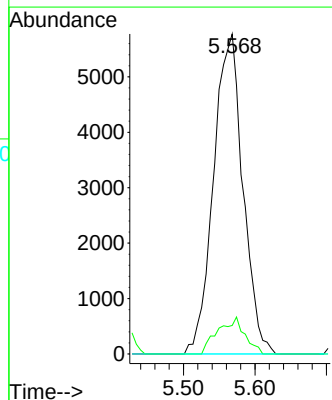
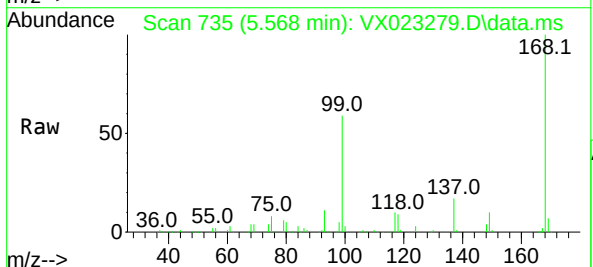
Instrument :
MSVOA_X
ClientSampleId :

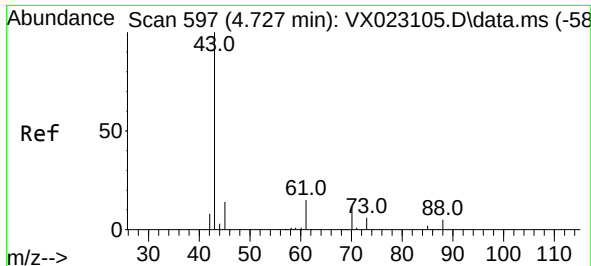
Tgt Ion:113 Resp: 112492
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 19.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.251 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 75 Resp: 16479
Ion Ratio Lower Upper
75 100
110 10.5 18.1 54.4#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 1.966 ug/l

RT: 4.580 min Scan# 573

Delta R.T. -0.147 min

Lab File: VX023279.D

Acq: 14 Jul 2021 15:11

Tgt Ion: 43 Resp: 6731

Ion Ratio Lower Upper

43 100

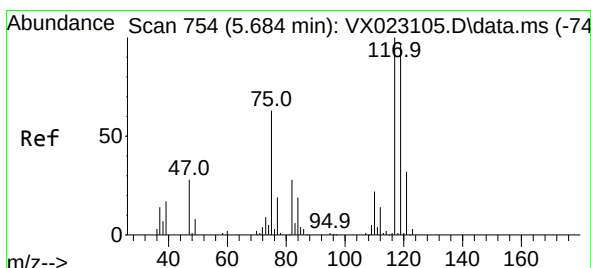
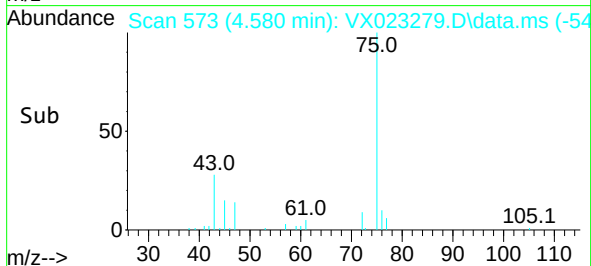
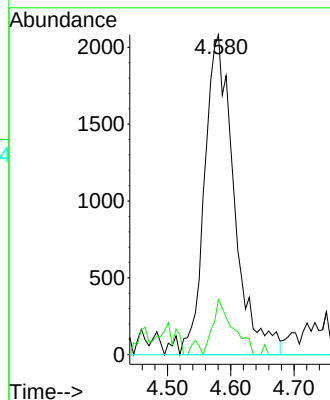
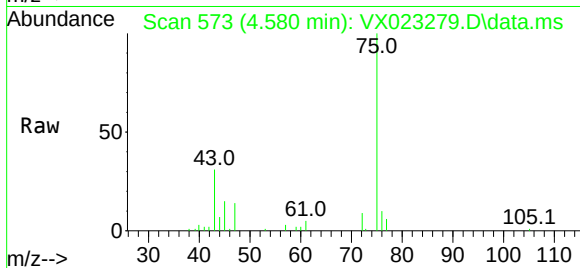
61 11.8 12.8 19.2#

70 0.0 10.5 15.7#

Instrument :

MSVOA_X

ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.852 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.116 min

Lab File: VX023279.D

Acq: 14 Jul 2021 15:11

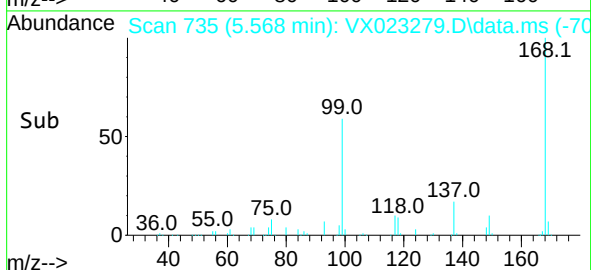
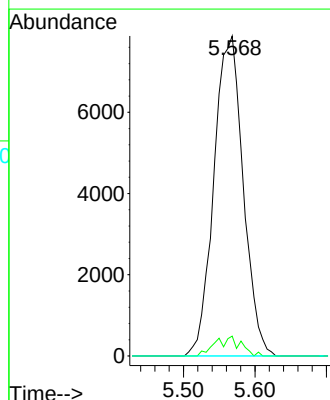
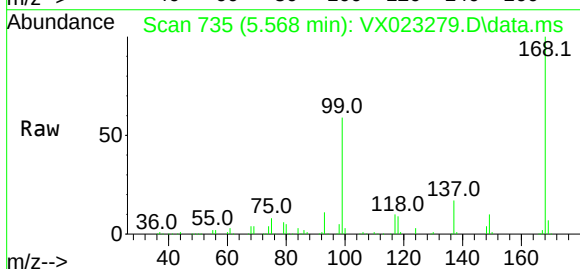
Tgt Ion: 117 Resp: 22444

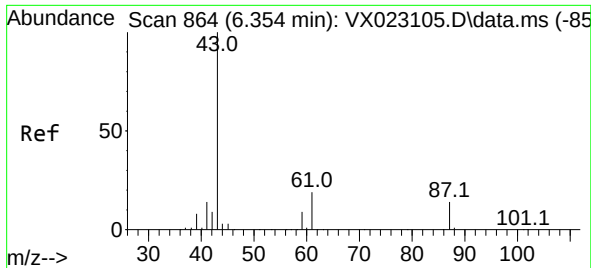
Ion Ratio Lower Upper

117 100

119 6.2 76.2 114.2#

121 0.0 24.8 37.2#

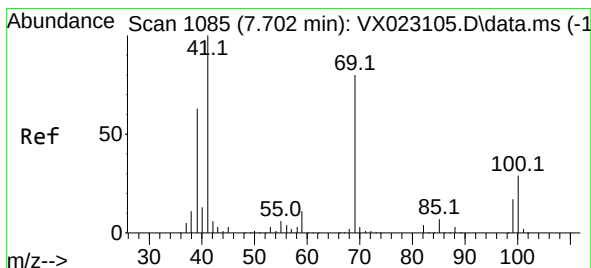
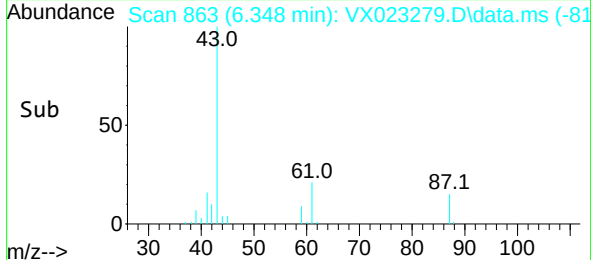
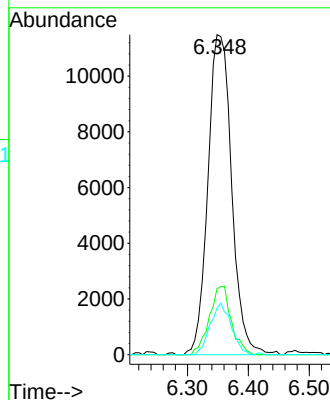
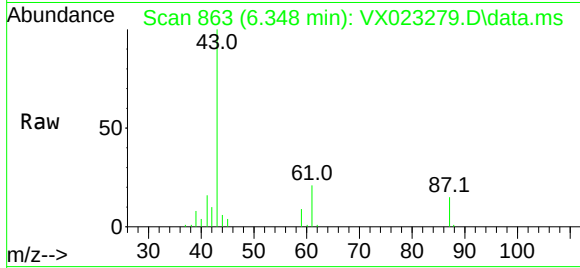




#43
Isopropyl Acetate
Concen: 5.469 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

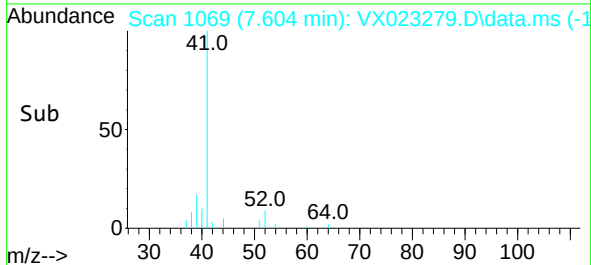
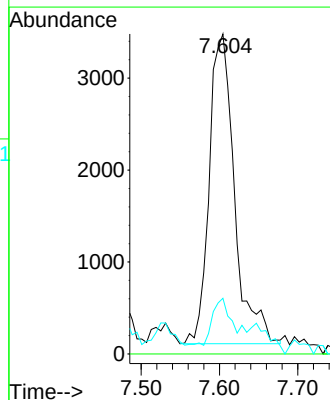
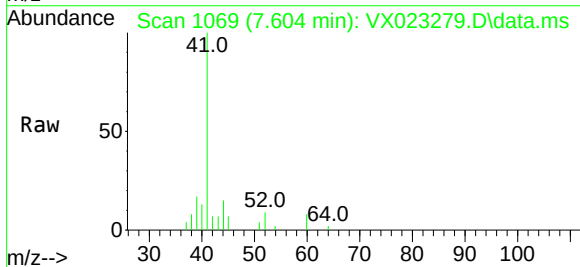
Instrument :
MSVOA_X
ClientSampled :

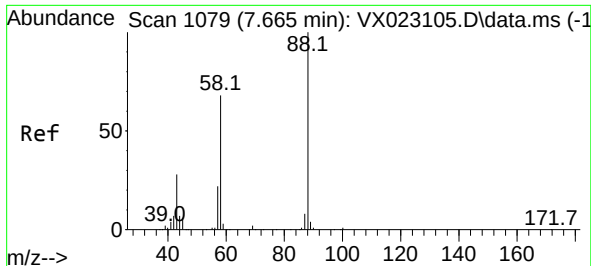
Tgt Ion: 43 Resp: 31144
Ion Ratio Lower Upper
43 100
61 19.7 18.2 27.4
87 14.2 12.5 18.7



#48
Methyl methacrylate
Concen: 2.701 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 41 Resp: 7548
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#

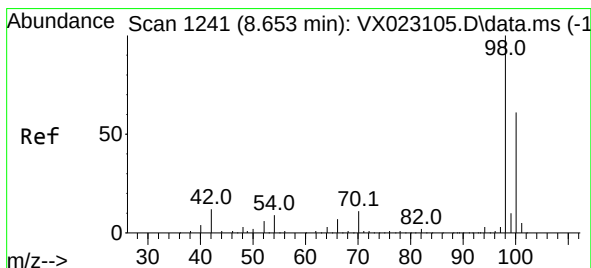
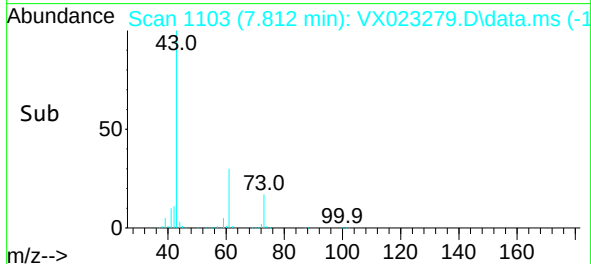
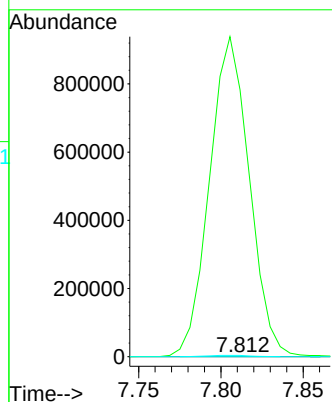
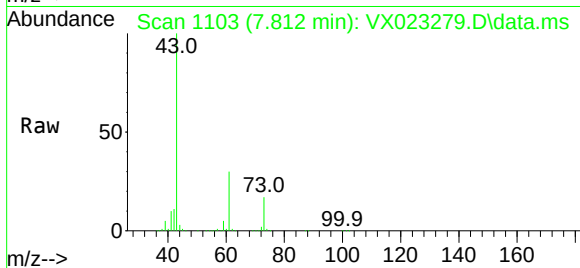




#49
1,4-Dioxane
Concen: 5.200 ug/l
RT: 7.812 min Scan# 1103
Delta R.T. 0.147 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

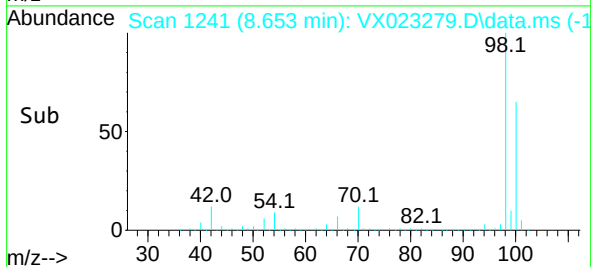
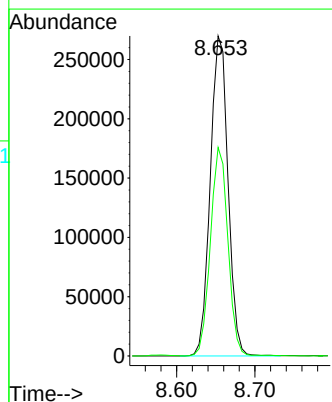
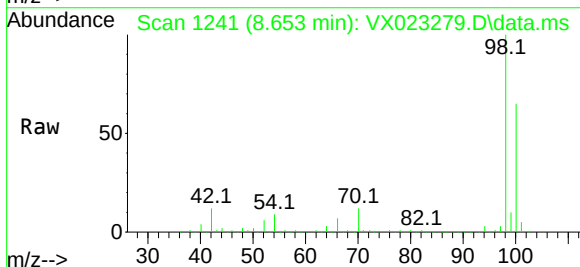
Instrument :
MSVOA_X
ClientSampled :

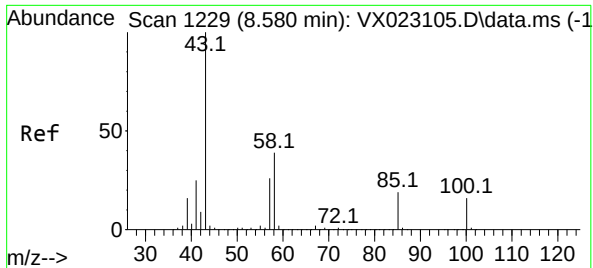
Tgt Ion: 88 Resp: 327
Ion Ratio Lower Upper
88 100
43 485146.8 23.2 34.8#
58 2118.0 55.0 82.4#



#50
Toluene-d8
Concen: 50.063 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 98 Resp: 424531
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

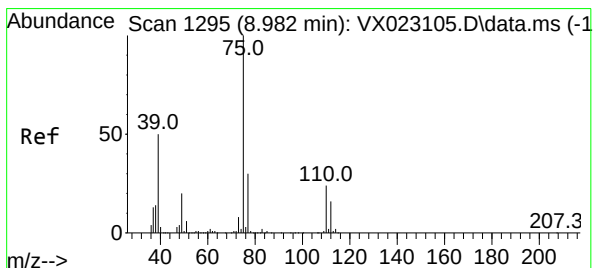
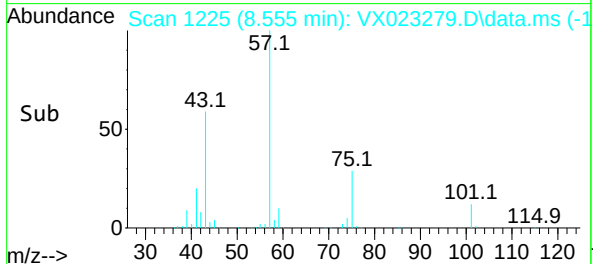
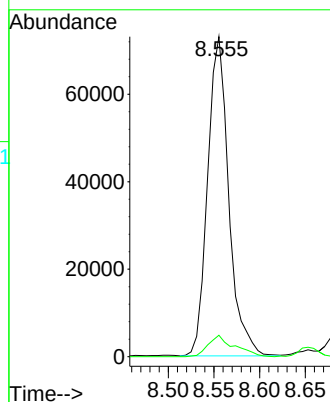
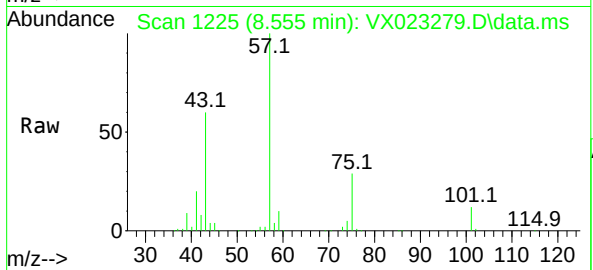




#51
4-Methyl-2-Pentanone
Concen: 33.199 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

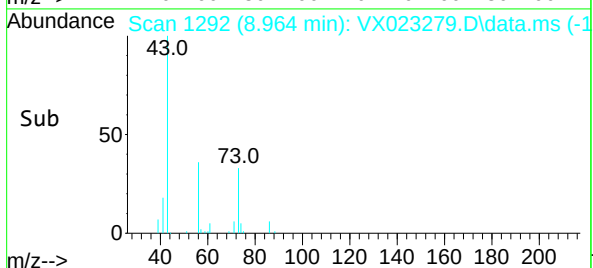
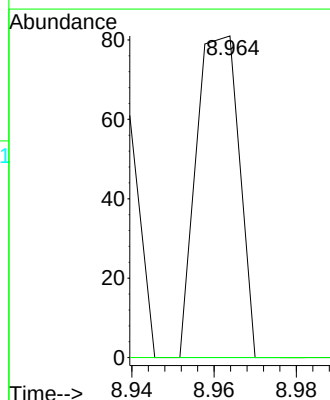
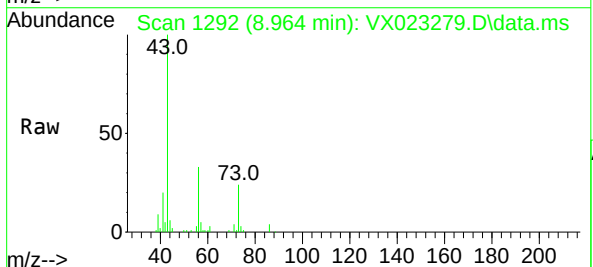
Instrument :
MSVOA_X
ClientSampled :

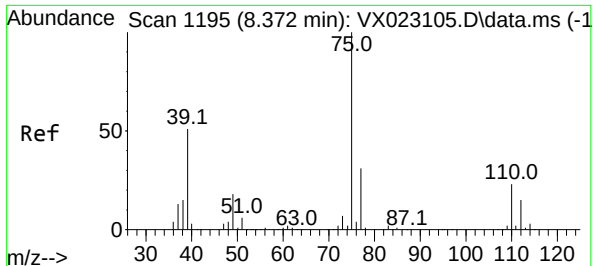
Tgt Ion: 43 Resp: 117147
Ion Ratio Lower Upper
43 100
58 8.3 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.751 ug/l
RT: 8.964 min Scan# 1292
Delta R.T. -0.018 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 75 Resp: 59
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

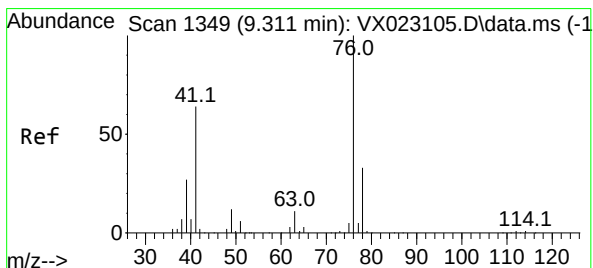
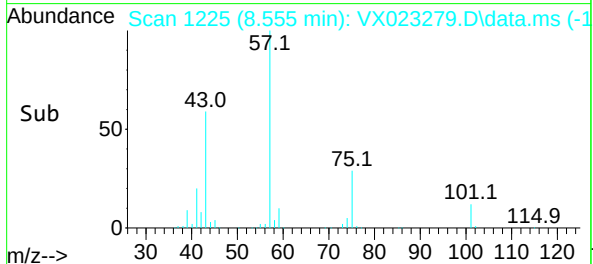
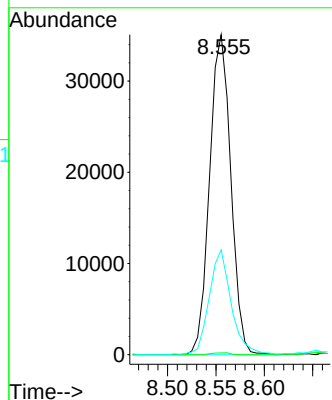
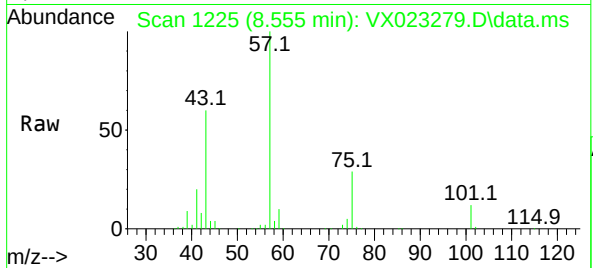




#54
 cis-1,3-Dichloropropene
 Concen: 14.723 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.183 min
 Lab File: VX023279.D
 Acq: 14 Jul 2021 15:11

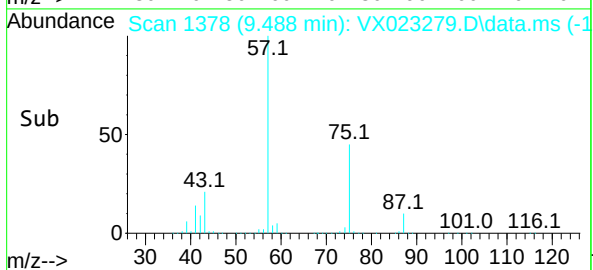
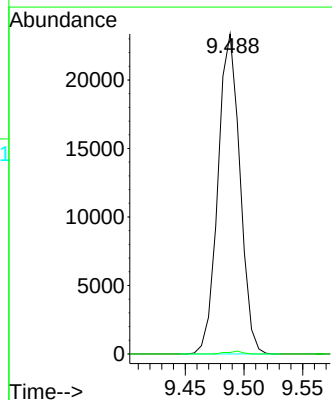
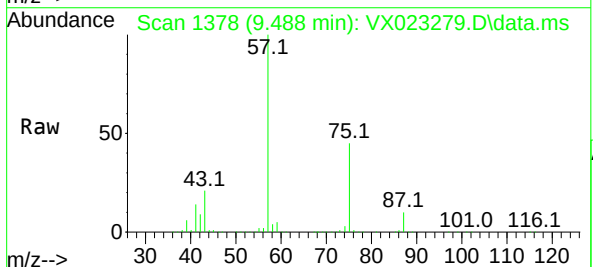
Instrument :
 MSVOA_X
 ClientSampleId :

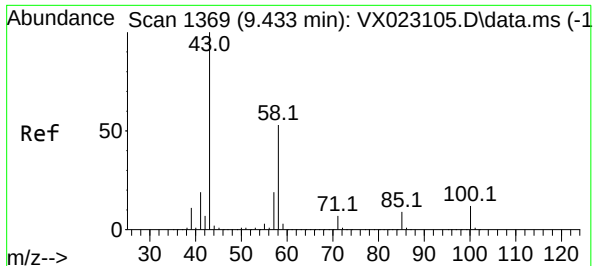
Tgt Ion: 75 Resp: 53556
 Ion Ratio Lower Upper
 75 100
 77 0.6 25.7 38.5#
 39 32.6 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 7.425 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX023279.D
 Acq: 14 Jul 2021 15:11

Tgt Ion: 76 Resp: 30390
 Ion Ratio Lower Upper
 76 100
 78 0.6 26.2 39.2#

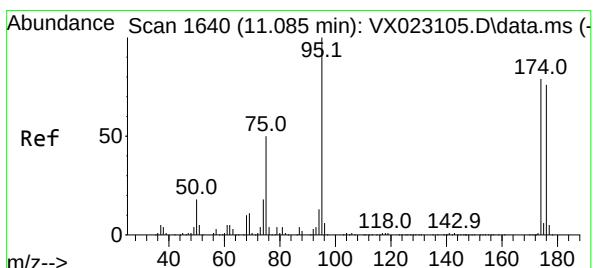
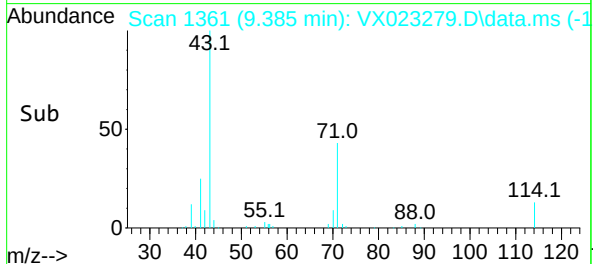
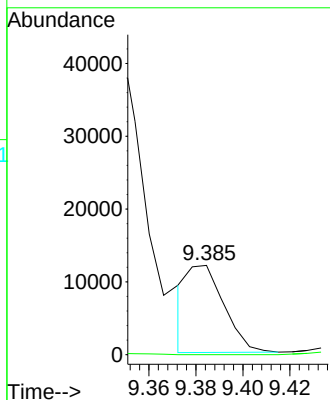
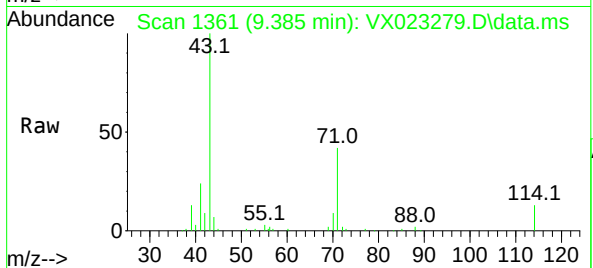




#59
2-Hexanone
Concen: 4.804 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

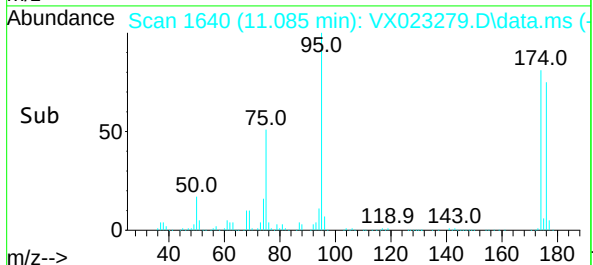
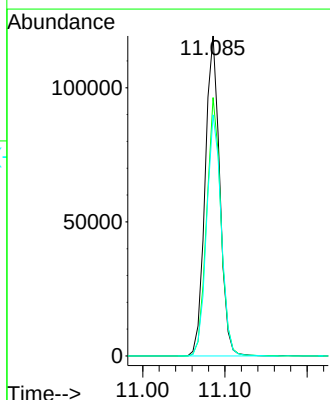
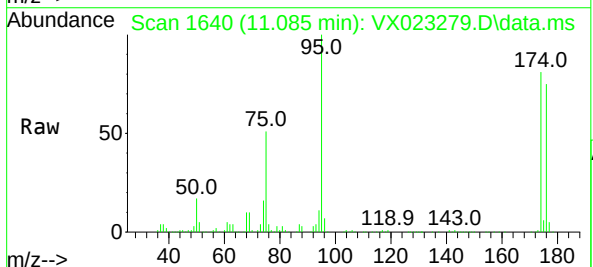
Instrument :
MSVOA_X
ClientSampleId :

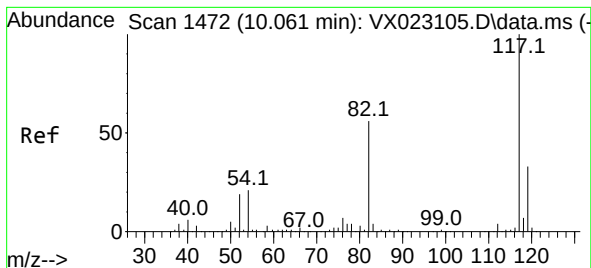
Tgt Ion: 43 Resp: 13007
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 95 Resp: 147082
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 75.6 0.0 155.8

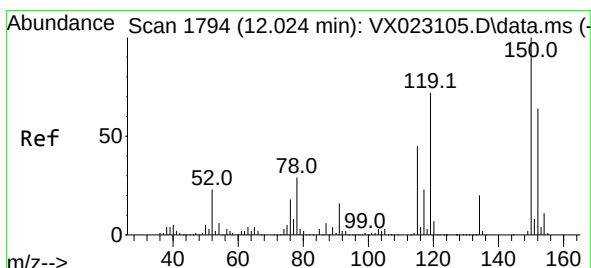
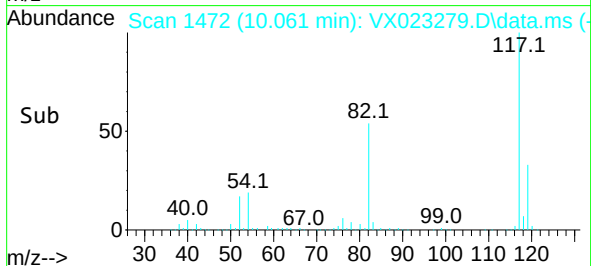
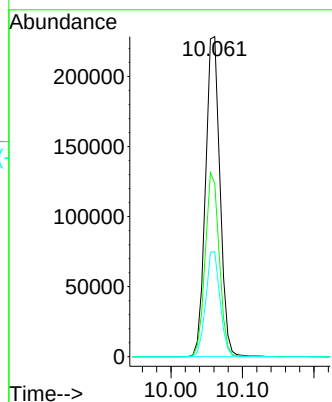
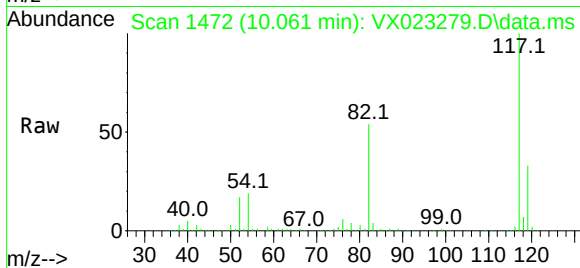




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

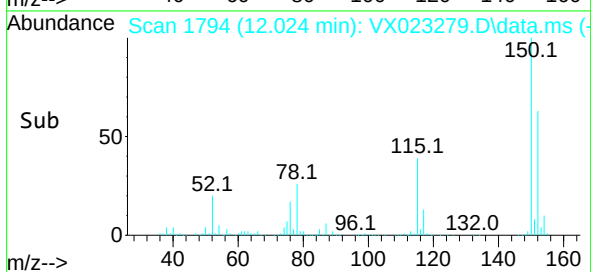
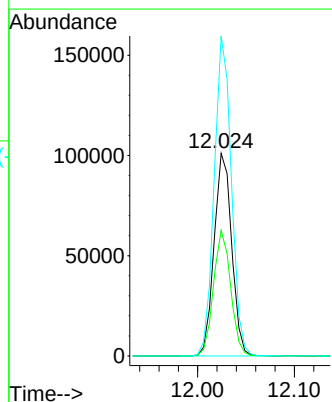
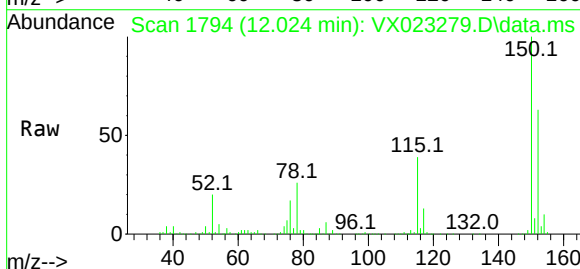
Instrument :
MSVOA_X
ClientSampleId :

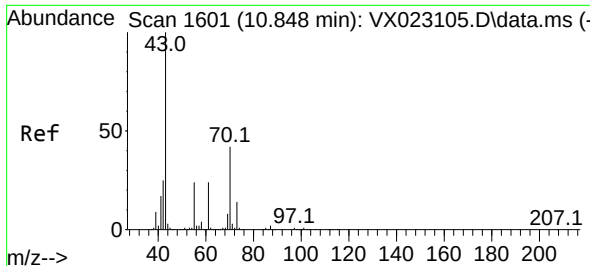
Tgt Ion:117 Resp: 320875
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

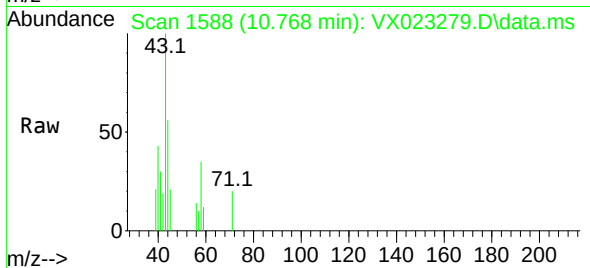
Tgt Ion:152 Resp: 127637
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 154.0 0.0 349.0



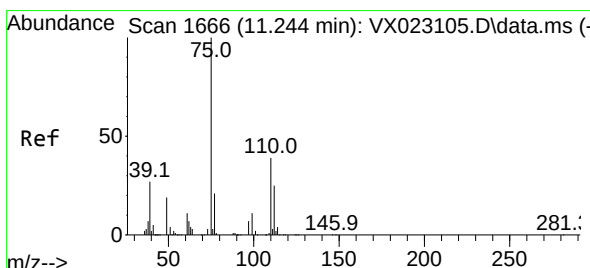
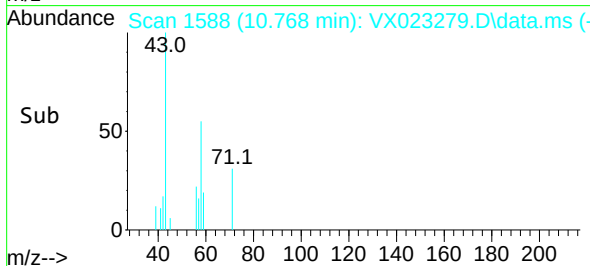
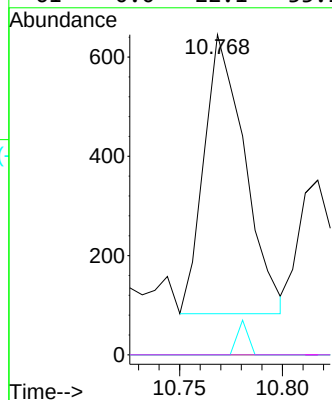


#74
N-amy1 acetate
Concen: 0.202 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.080 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :

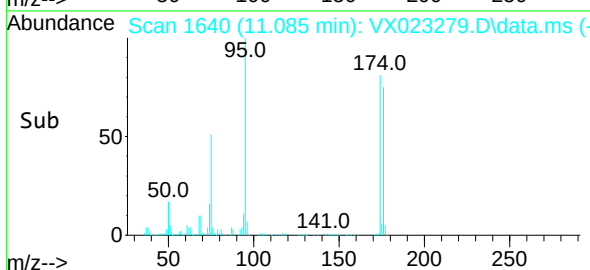
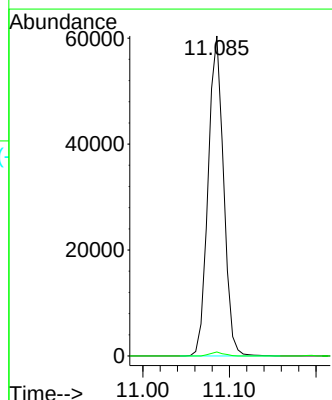
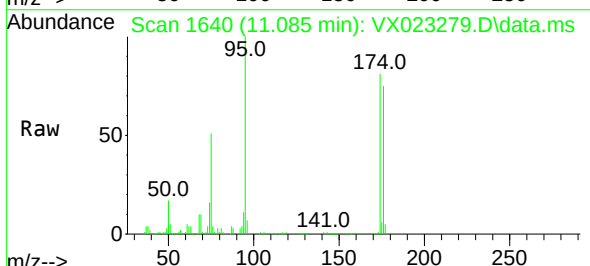


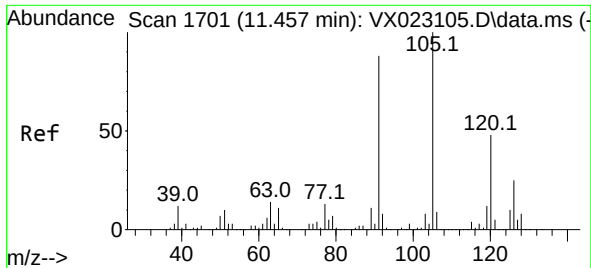
Tgt Ion: 43	Resp: 772
Ion Ratio	Lower Upper
43	100
70	0.0 39.0 58.6#
55	0.0 21.5 32.3#
61	0.0 22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 29.119 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Tgt Ion: 75	Resp: 74793
Ion Ratio	Lower Upper
75	100
77	1.1 19.1 57.5#

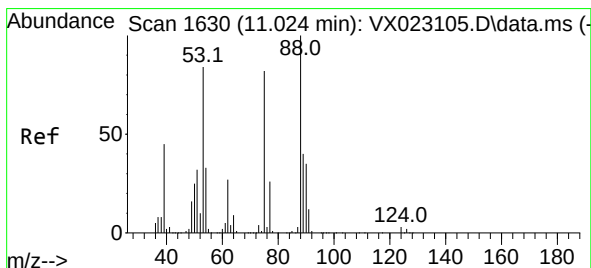
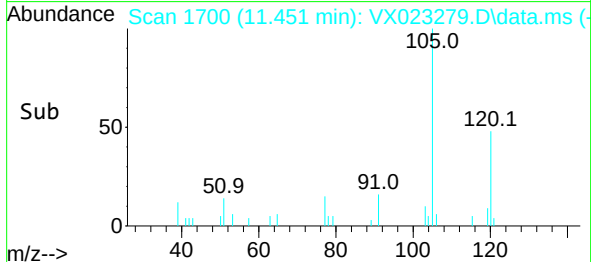
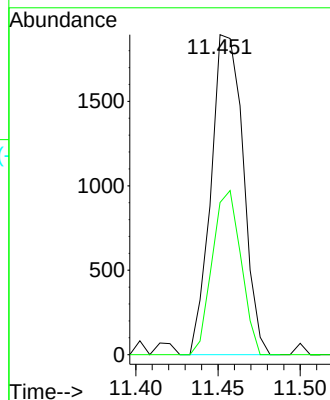
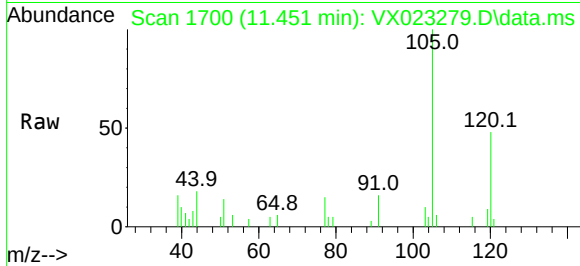




#80
1,3,5-Trimethylbenzene
Concen: 0.333 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

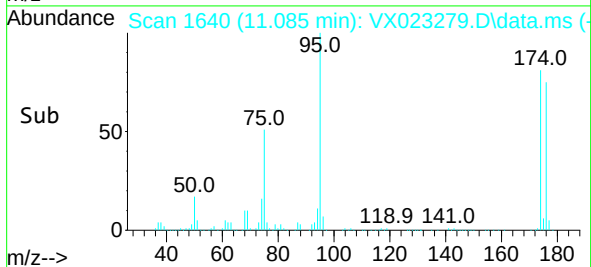
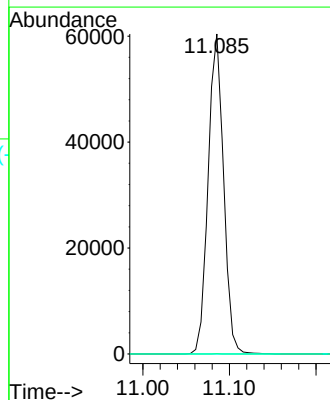
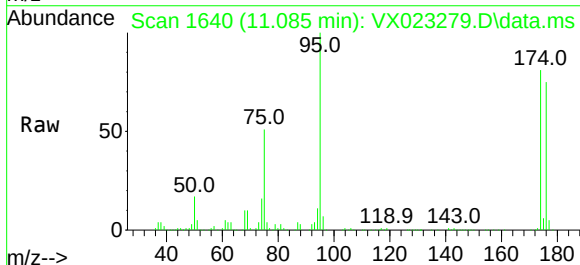
Instrument :
MSVOA_X
ClientSampleId :

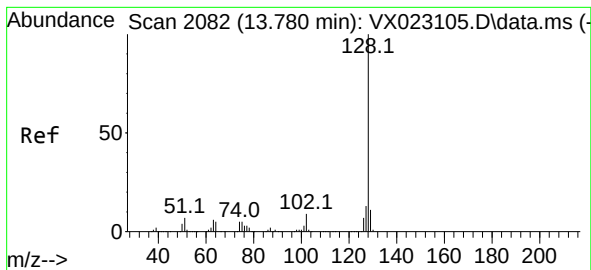
Tgt Ion:105 Resp: 2579
Ion Ratio Lower Upper
105 100
120 45.8 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 78.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

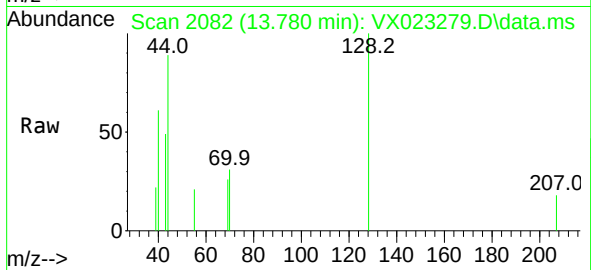
Tgt Ion: 75 Resp: 74793
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.317 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023279.D
Acq: 14 Jul 2021 15:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 409
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

