

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031075.D
 Acq On : 02 Sep 2022 18:22
 Operator : JC/MD
 Sample : N4298-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:51:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

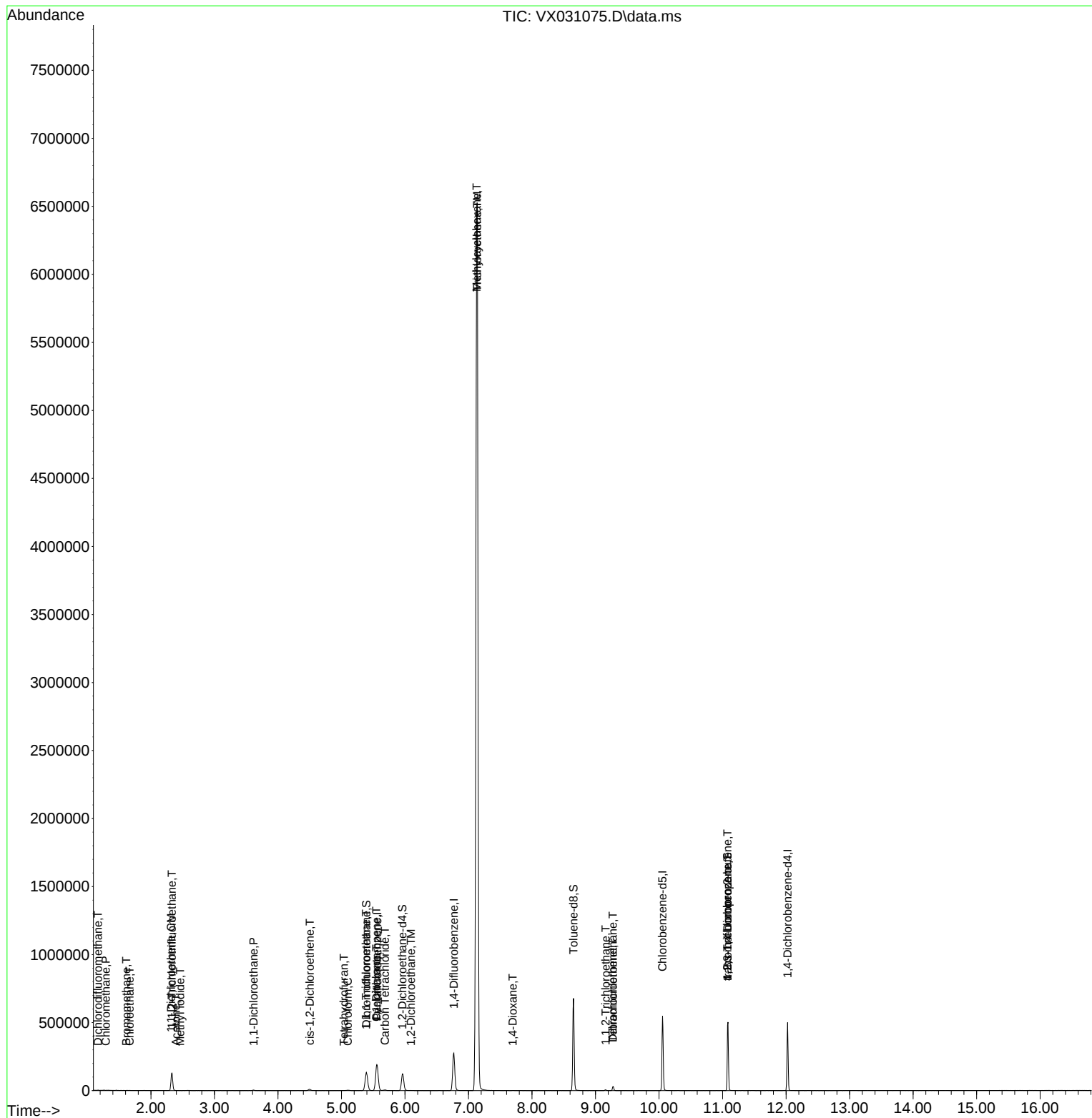
Internal Standards						
1) Pentafluorobenzene	5.562	168	198487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	308352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121816	47.698	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.400%		
35) Dibromofluoromethane	5.391	113	118776	52.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.560%		
50) Toluene-d8	8.653	98	428860	51.784	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.560%		
62) 4-Bromofluorobenzene	11.079	95	138367	47.304	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	529	0.259	ug/l #	60
3) Chloromethane	1.288	50	48	0.725	ug/l #	1
5) Bromomethane	1.611	94	231	0.242	ug/l #	43
6) Chloroethane	1.666	64	73	1.785	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	42411	17.761	ug/l	91
10) Methyl Iodide	2.459	142	80	2.941	ug/l #	45
12) 1,1-Dichloroethene	2.319	96	12335	5.349	ug/l	97
16) Acetone	2.392	43	1098	1.114	ug/l	91
20) Methylene Chloride	2.788	84	431	Below Cal	#	60
24) 1,1-Dichloroethane	3.617	63	4532	1.090	ug/l #	91
27) cis-1,2-Dichloroethene	4.501	96	7143	2.484	ug/l	84
29) Tetrahydrofuran	5.038	42	261	0.266	ug/l	92
30) Chloroform	5.099	83	4343	0.953	ug/l #	80
31) Cyclohexane	5.550	56	2973	0.852	ug/l #	1
32) 1,1,1-Trichloroethane	5.385	97	1228	0.314	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	12653	4.014	ug/l #	50
38) Carbon Tetrachloride	5.684	117	4457	1.362	ug/l #	86
39) Methylcyclohexane	7.129	83	29063	7.440	ug/l #	1
42) 1,2-Dichloroethane	6.092	62	855	0.286	ug/l	94
44) Trichloroethene	7.135	130	2866529	1000.788	ug/l	95
49) 1,4-Dioxane	7.696	88	521	7.927	ug/l #	66
55) 1,1,2-Trichloroethane	9.159	97	1917	0.768	ug/l	97
60) Dibromochloromethane	9.275	129	6165	2.380	ug/l #	11
64) Tetrachloroethene	9.275	164	6107	2.259	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	63670	23.315	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	63670	73.272	ug/l #	12

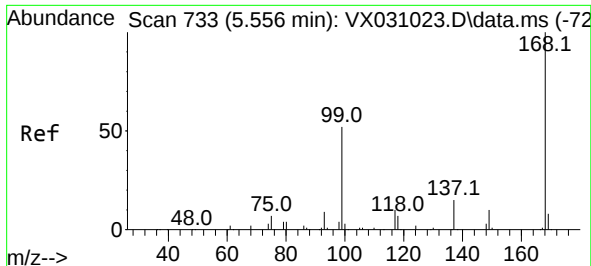
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
Data File : VX031075.D
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Instrument :
MSVOA_X
ClientSampleId :

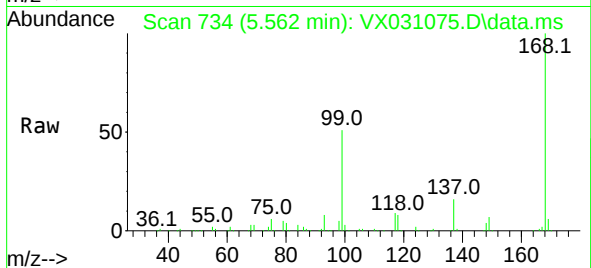
Quant Time: Sep 03 00:51:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
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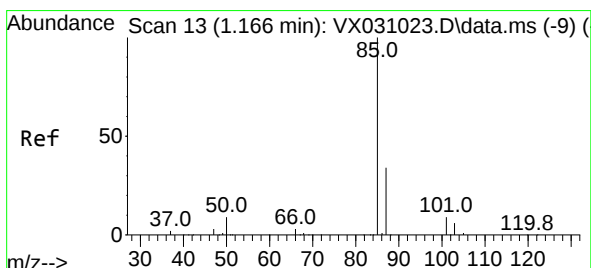
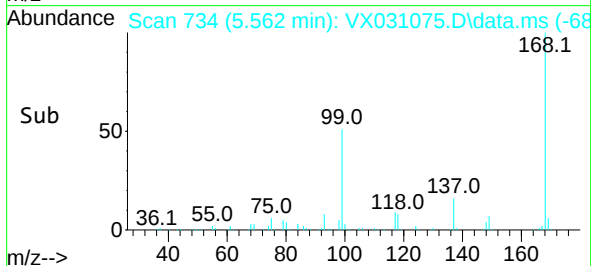
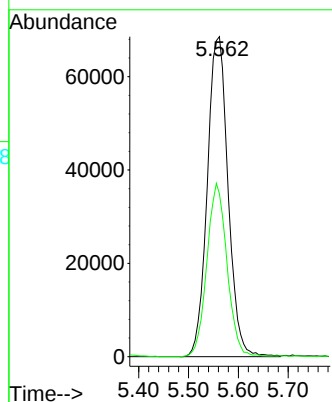


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

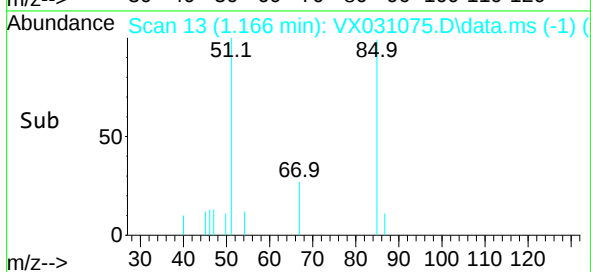
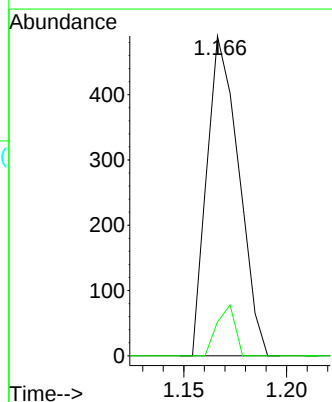
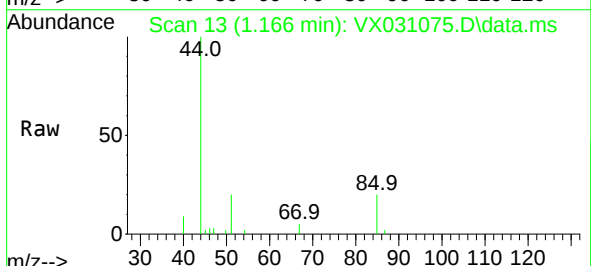


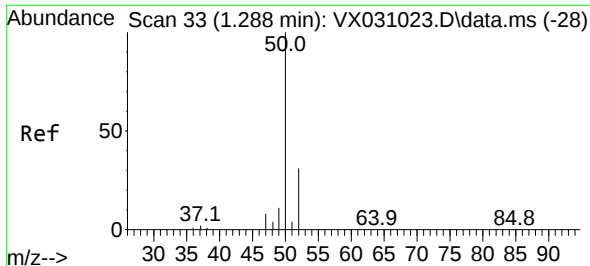
Tgt Ion:168 Resp: 198487
Ion Ratio Lower Upper
168 100
99 50.9 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.259 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

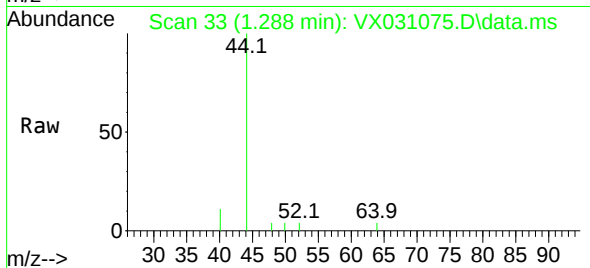
Tgt Ion: 85 Resp: 529
Ion Ratio Lower Upper
85 100
87 10.6 16.5 49.5#



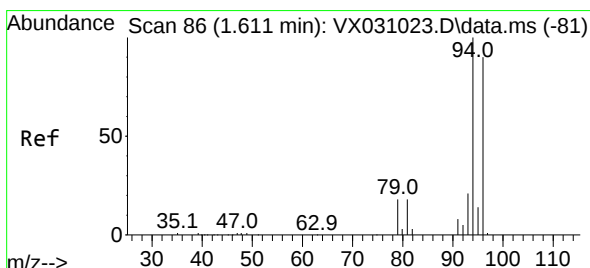
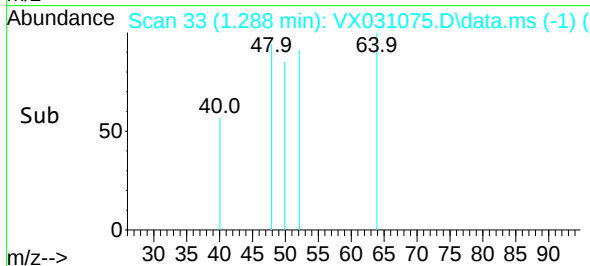
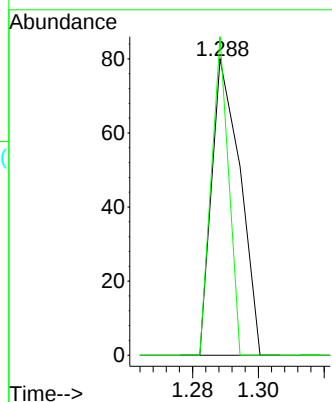


#3
Chloromethane
Concen: 0.725 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

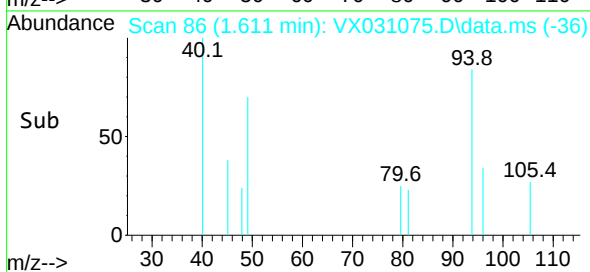
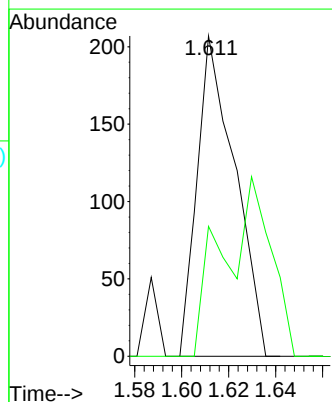
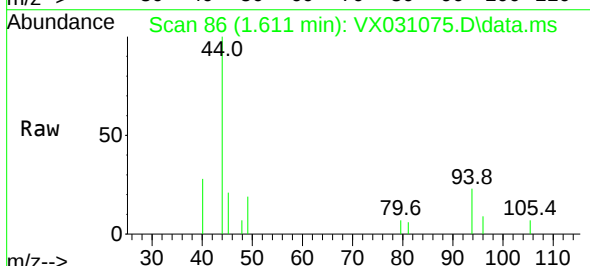


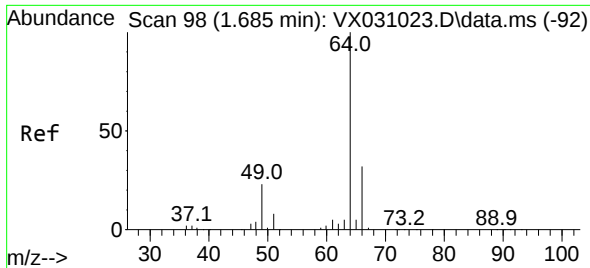
Tgt Ion: 50 Resp: 48
Ion Ratio Lower Upper
50 100
52 107.5 26.3 39.5#



#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

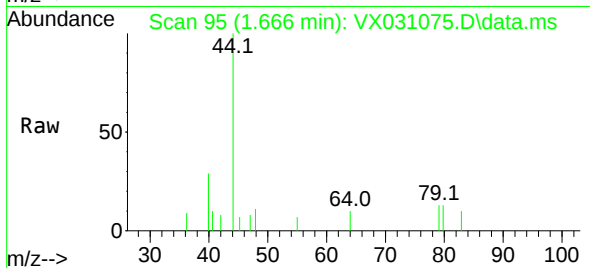
Tgt Ion: 94 Resp: 231
Ion Ratio Lower Upper
94 100
96 40.6 76.9 115.3#



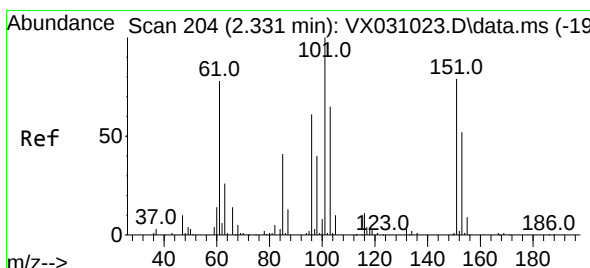
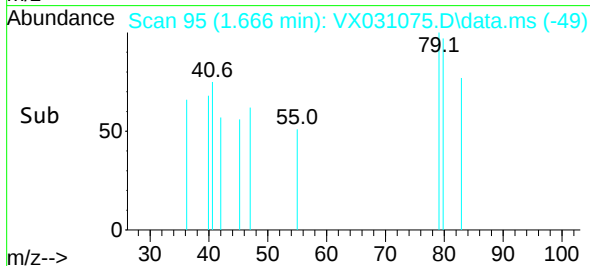
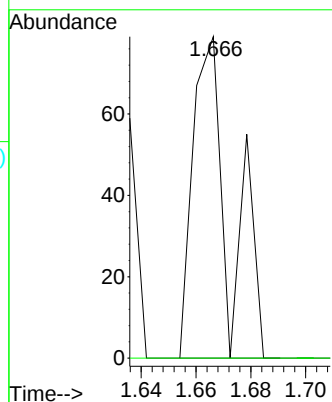


#6
Chloroethane
Concen: 1.785 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

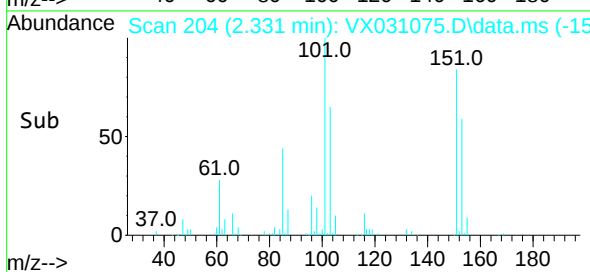
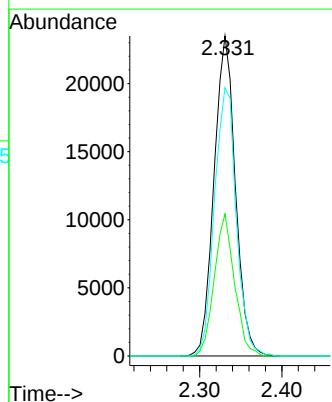
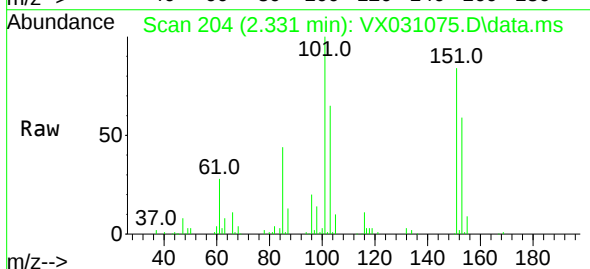


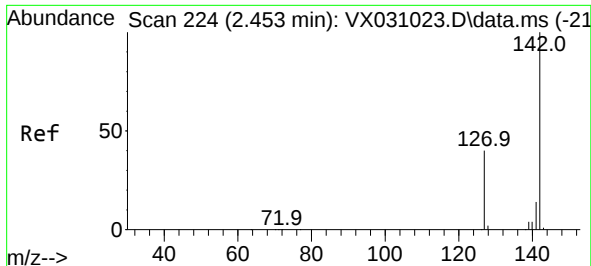
Tgt Ion: 64 Resp: 73
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.761 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

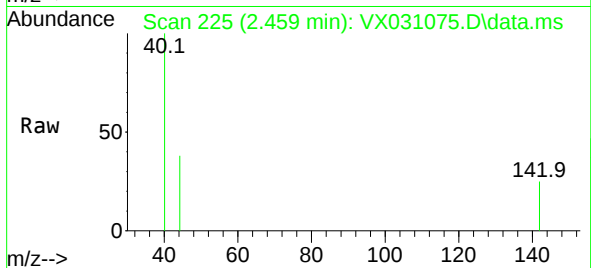
Tgt Ion: 101 Resp: 42411
Ion Ratio Lower Upper
101 100
85 42.0 34.0 51.0
151 85.5 59.4 89.0



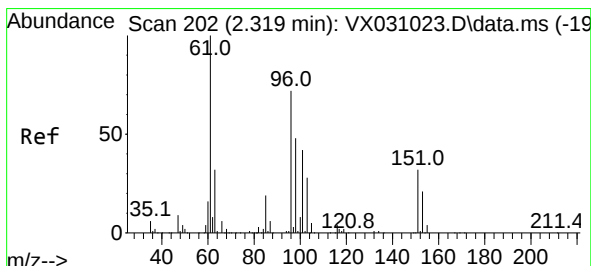
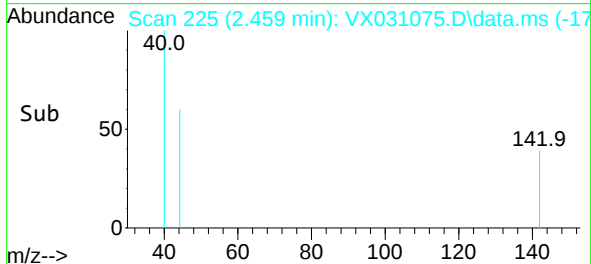
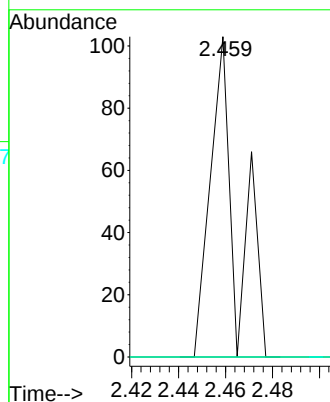


#10
Methyl Iodide
Concen: 2.941 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

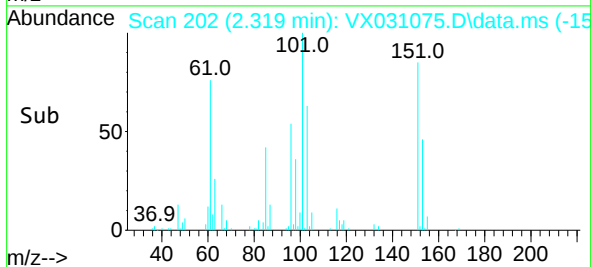
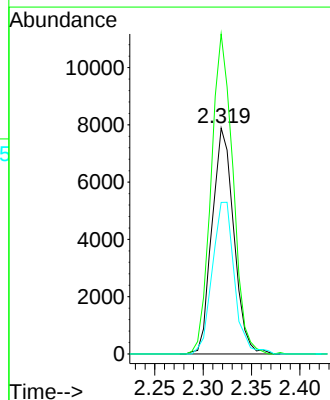
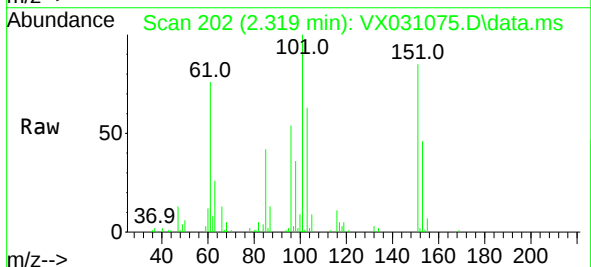


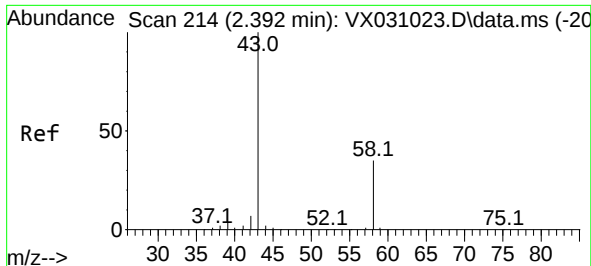
Tgt Ion:142 Resp: 80
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#12
1,1-Dichloroethene
Concen: 5.349 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion: 96 Resp: 12335
Ion Ratio Lower Upper
96 100
61 141.6 117.4 176.0
98 67.0 52.2 78.4

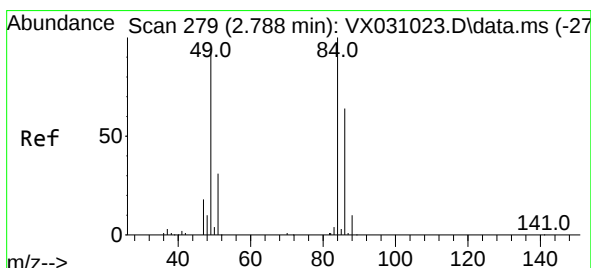
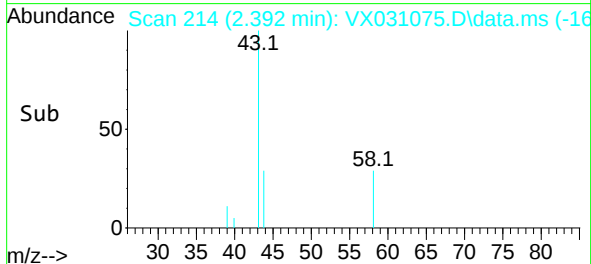
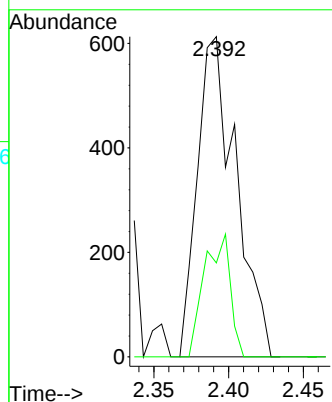
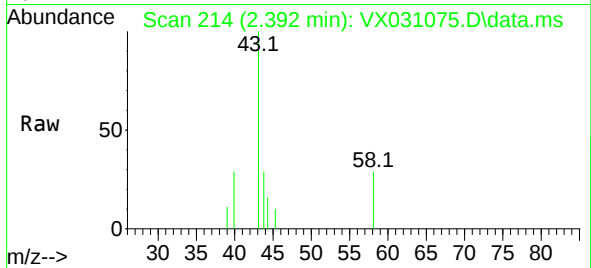




#16
Acetone
Concen: 1.114 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

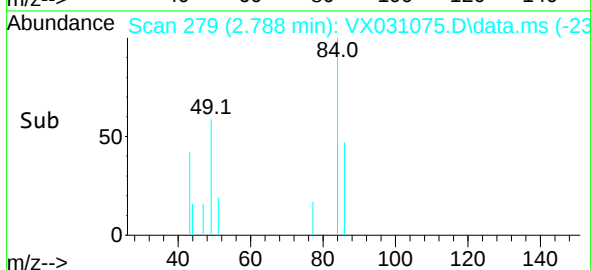
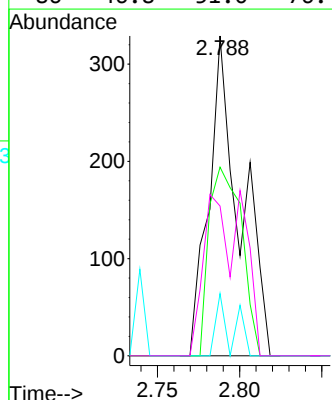
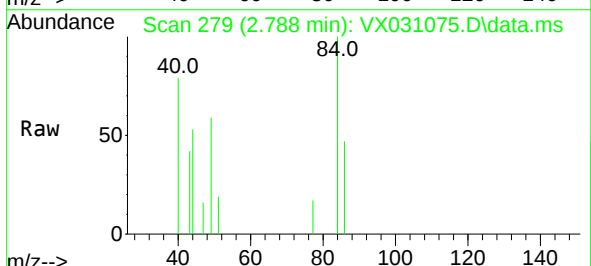
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MSVOA_X
ClientSampleId :

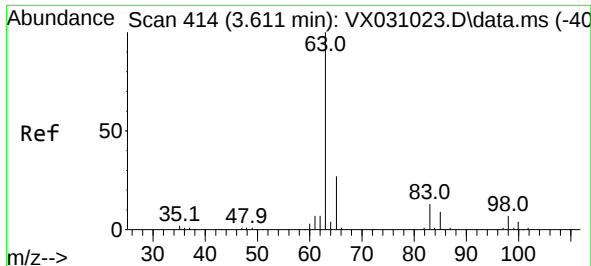
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 29.4 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion: 84 Resp: 431
Ion Ratio Lower Upper
84 100
49 59.0 93.8 140.6#
51 19.5 29.4 44.0#
86 46.8 51.0 76.4#

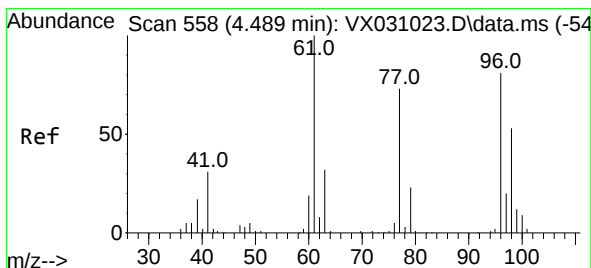
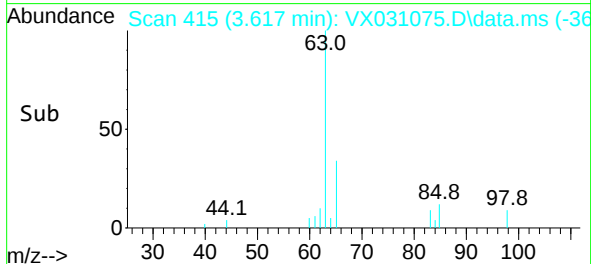
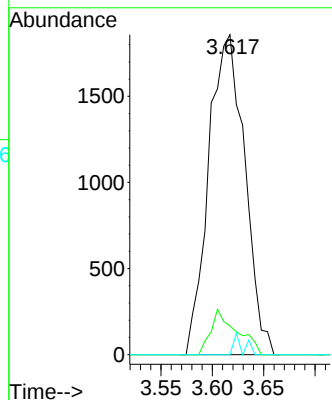
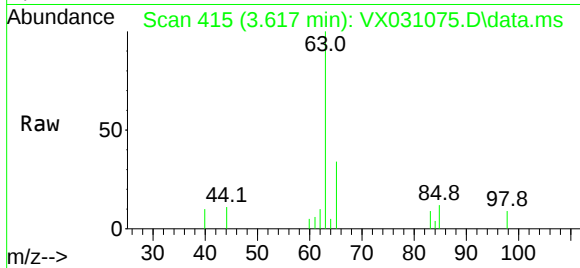




#24
 1,1-Dichloroethane
 Concen: 1.090 ug/l
 RT: 3.617 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031075.D
 Acq: 02 Sep 2022 18:22

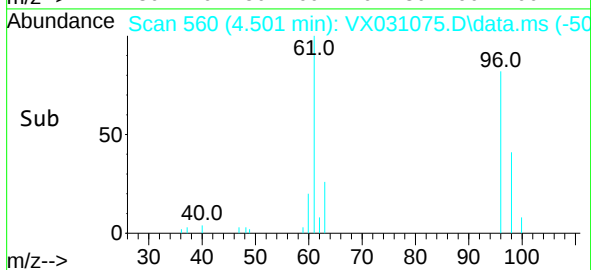
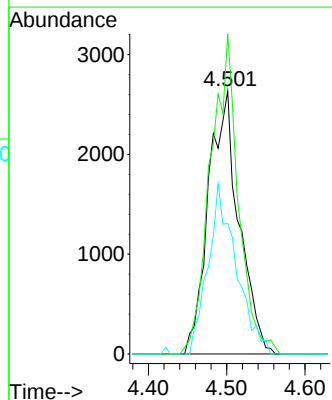
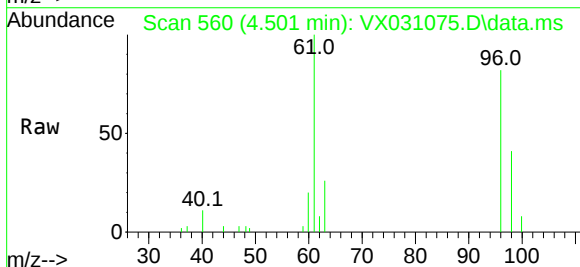
Instrument :
 MSVOA_X
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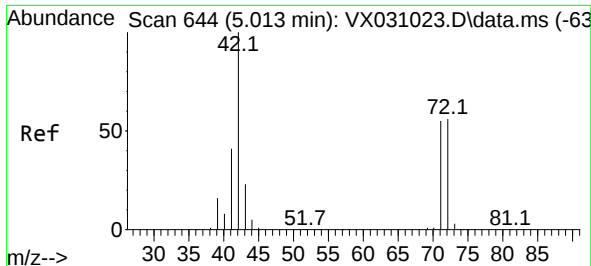
Tgt Ion: 63 Resp: 4532
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.5
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 2.484 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: VX031075.D
 Acq: 02 Sep 2022 18:22

Tgt Ion: 96 Resp: 7143
 Ion Ratio Lower Upper
 96 100
 61 110.8 0.0 270.0
 98 59.7 0.0 127.8





#29

Tetrahydrofuran

Concen: 0.266 ug/l

RT: 5.038 min Scan# 644

Delta R.T. 0.025 min

Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

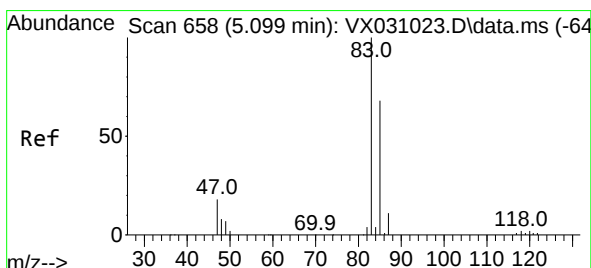
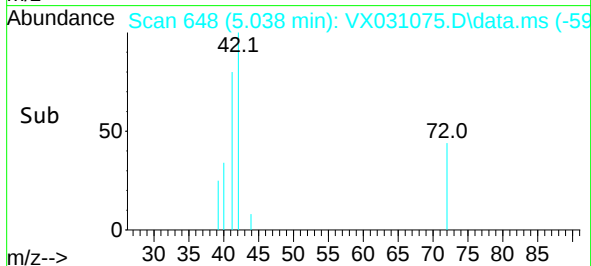
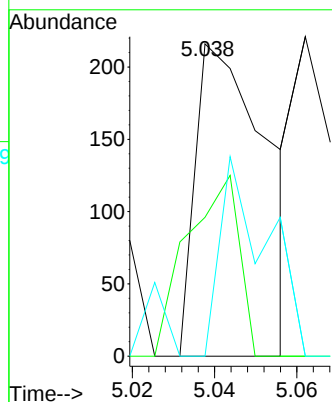
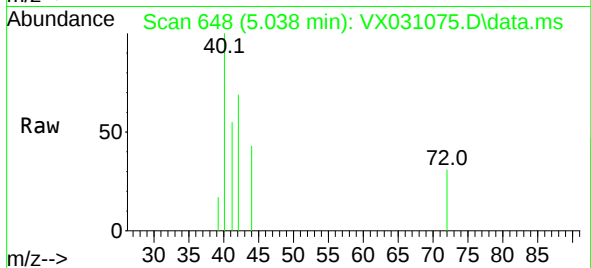
Tgt Ion: 42 Resp: 261

Ion Ratio Lower Upper

42 100

72 42.1 36.5 54.7

71 49.0 33.9 50.9



#30

Chloroform

Concen: 0.953 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX031075.D

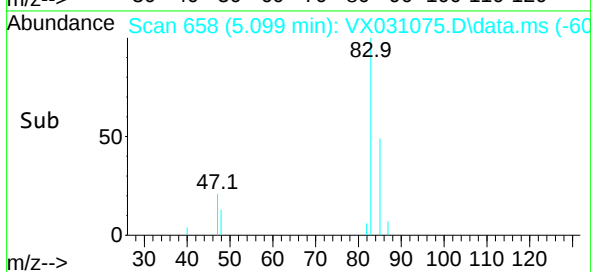
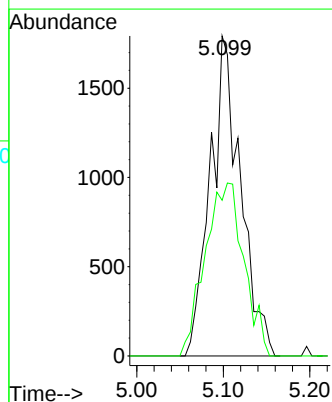
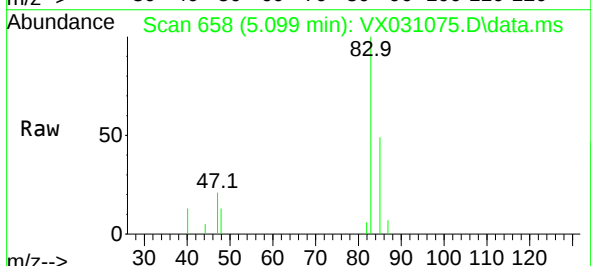
Acq: 02 Sep 2022 18:22

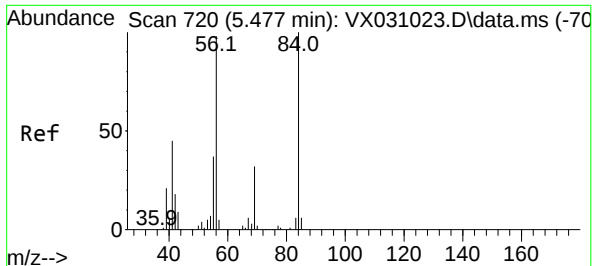
Tgt Ion: 83 Resp: 4343

Ion Ratio Lower Upper

83 100

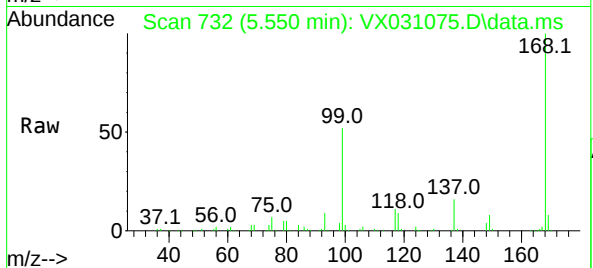
85 48.6 51.5 77.3#



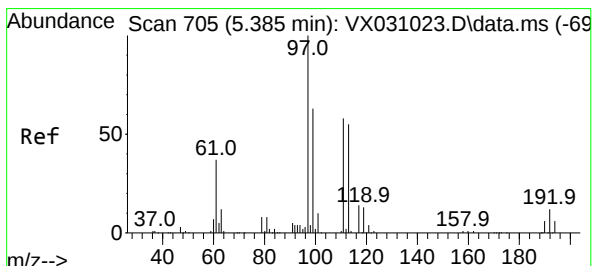
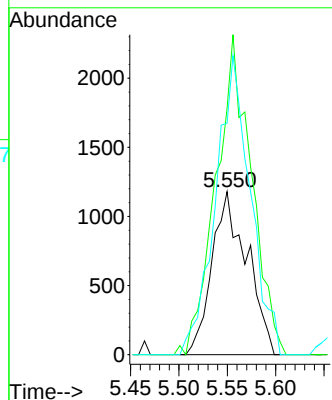
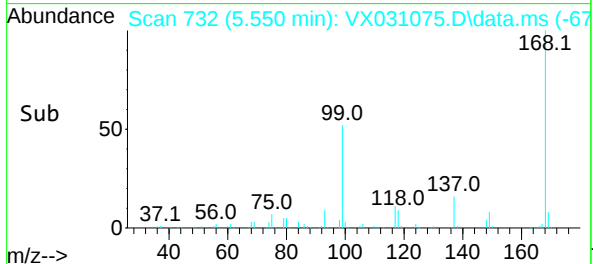


#31
Cyclohexane
Concen: 0.852 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

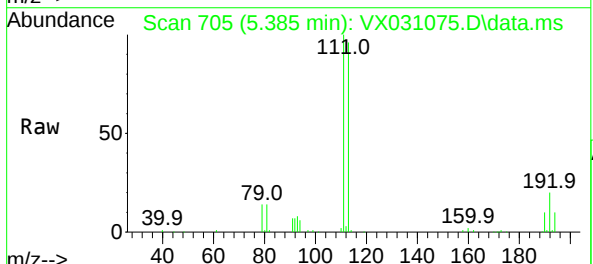
Instrument :
MSVOA_X
ClientSampleId :



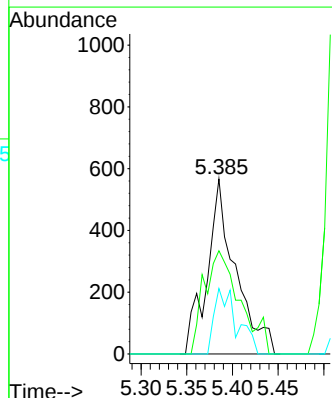
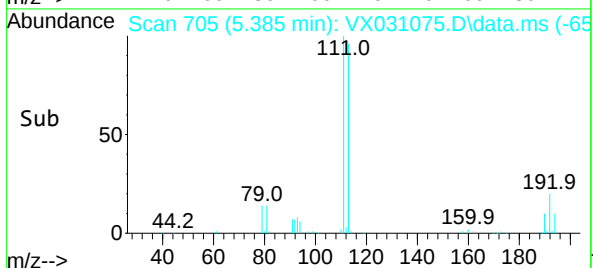
Tgt Ion: 56 Resp: 2973
Ion Ratio Lower Upper
56 100
69 145.4 25.4 38.0#
84 141.9 68.9 103.3#

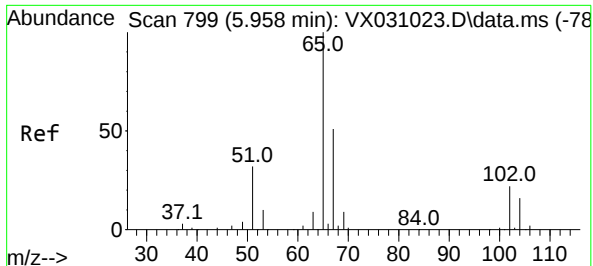


#32
1,1,1-Trichloroethane
Concen: 0.314 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22



Tgt Ion: 97 Resp: 1228
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 29.6 35.8 53.8#





#33

1,2-Dichloroethane-d4

Concen: 47.698 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

Instrument :

MSVOA_X

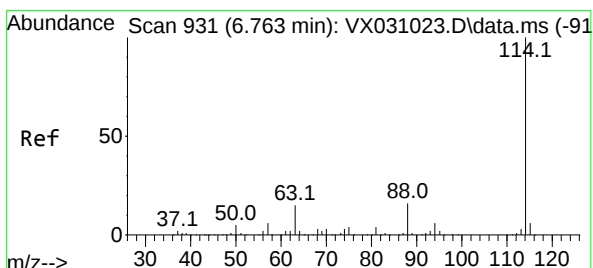
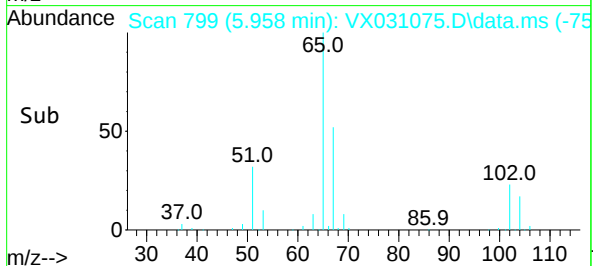
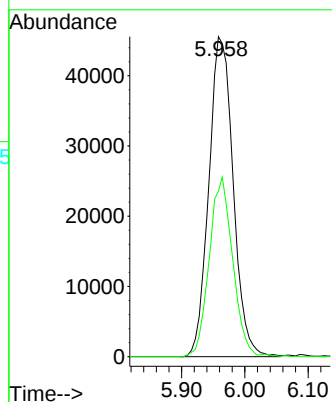
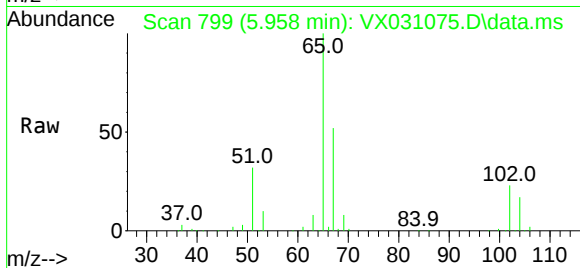
ClientSampleId :

Tgt Ion: 65 Resp: 121816

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

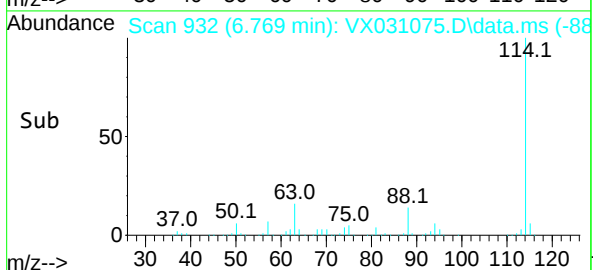
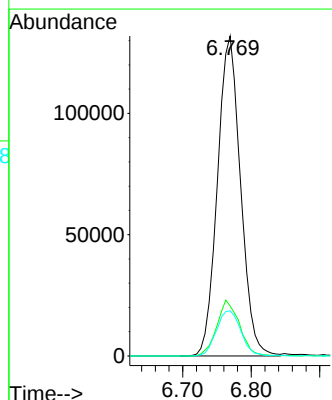
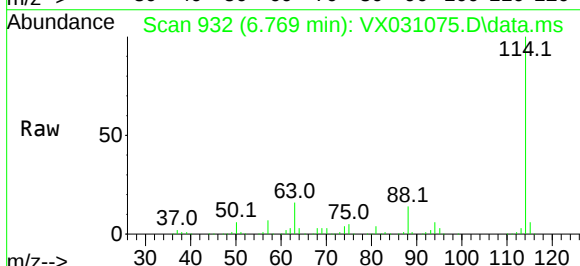
Tgt Ion: 114 Resp: 308352

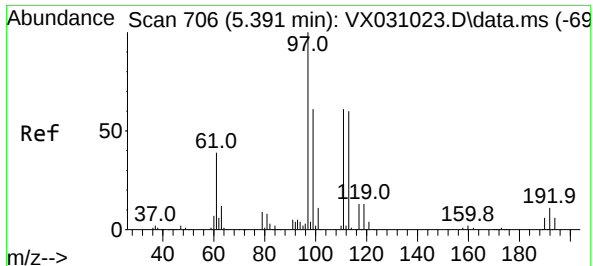
Ion Ratio Lower Upper

114 100

63 15.6 0.0 38.4

88 14.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.784 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

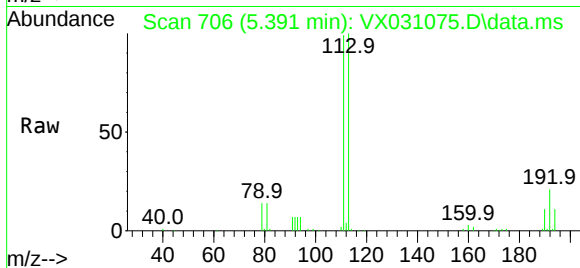
Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

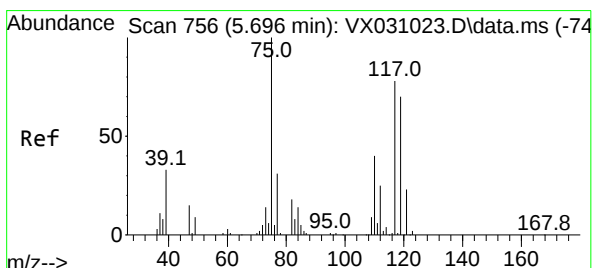
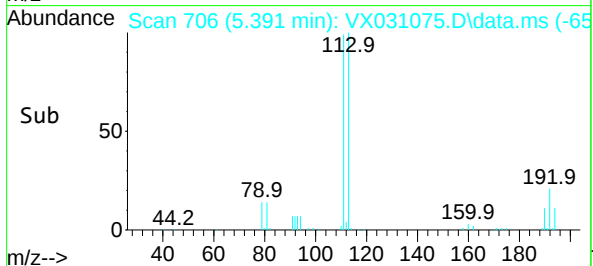
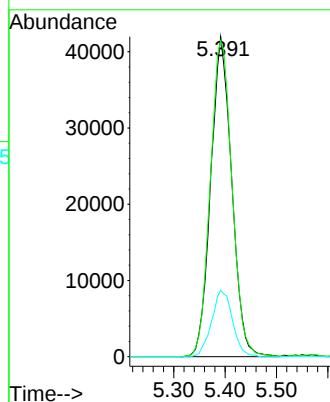
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	118776
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.2	124.8
192	20.7	14.8	22.2



#36

1,1-Dichloropropene

Concen: 4.014 ug/l

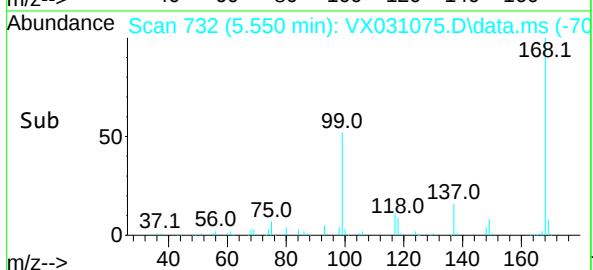
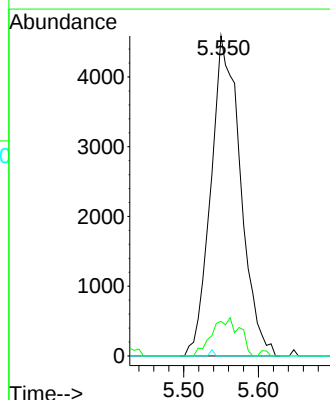
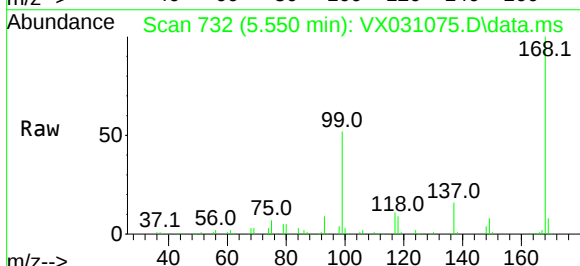
RT: 5.550 min Scan# 732

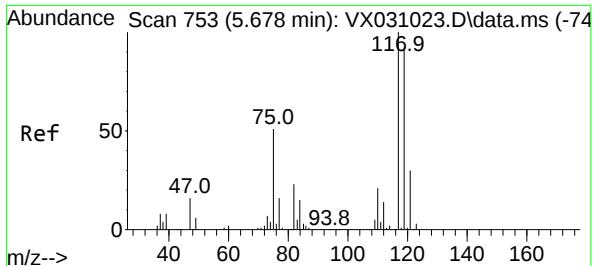
Delta R.T. -0.146 min

Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

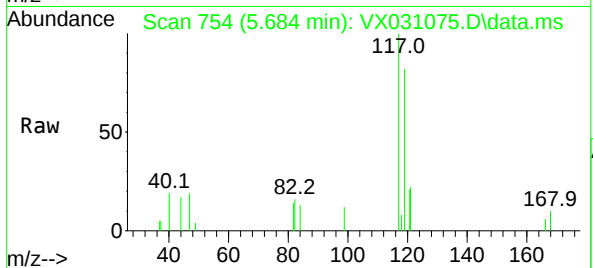
Tgt Ion:	75	Resp:	12653
Ion	Ratio	Lower	Upper
75	100		
110	11.2	19.3	57.9#
77	0.0	24.4	36.6#



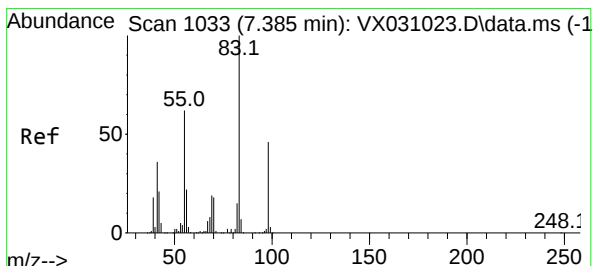
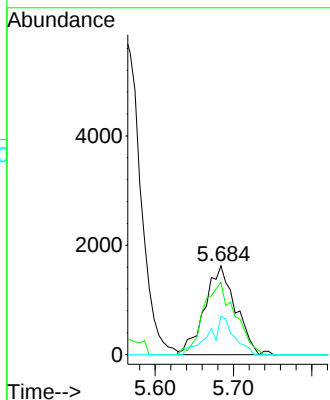
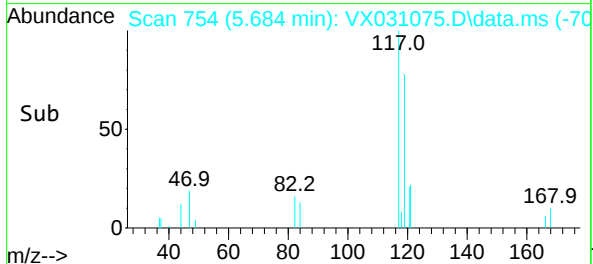


#38
Carbon Tetrachloride
Concen: 1.362 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

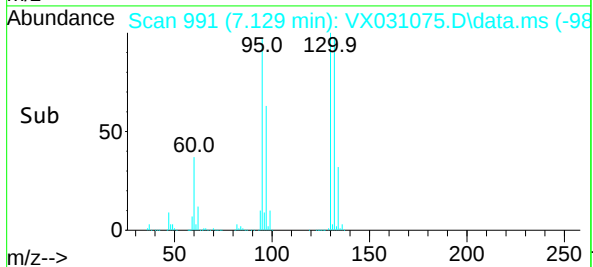
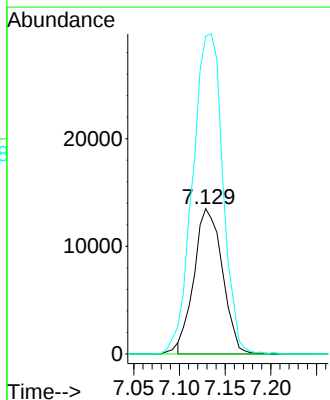
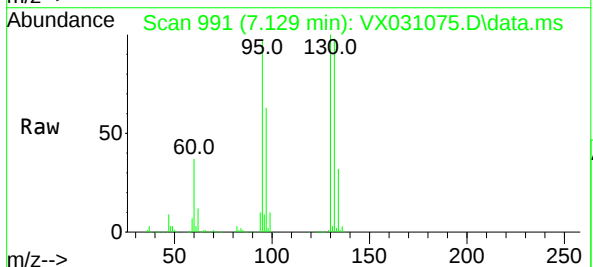


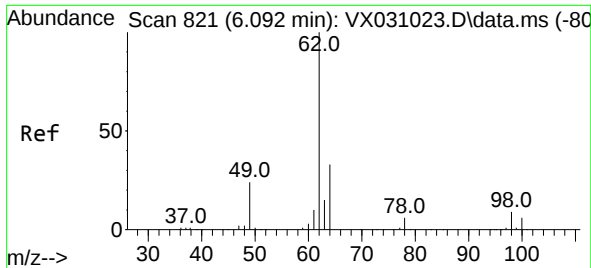
Tgt Ion:117 Resp: 4457
Ion Ratio Lower Upper
117 100
119 81.6 74.1 111.1
121 43.3 25.8 38.8#



#39
Methylcyclohexane
Concen: 7.440 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion: 83 Resp: 29063
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 218.2 36.5 54.7#

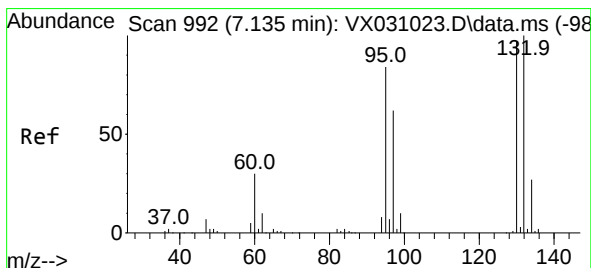
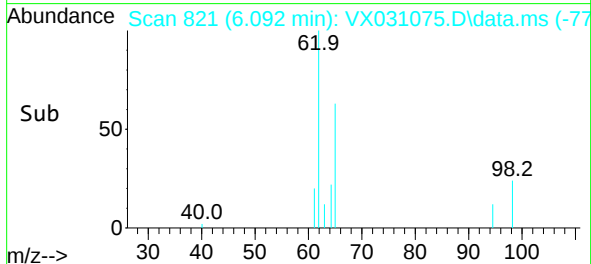
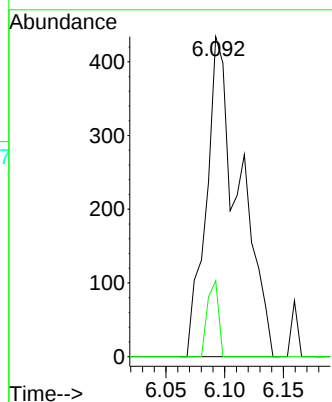
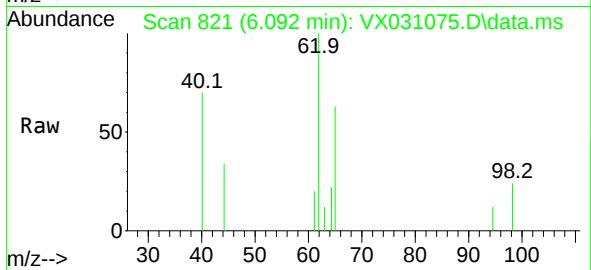




#42
1,2-Dichloroethane
Concen: 0.286 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

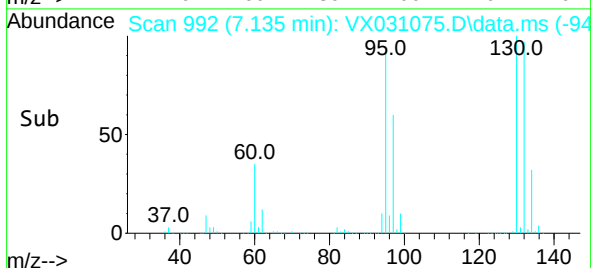
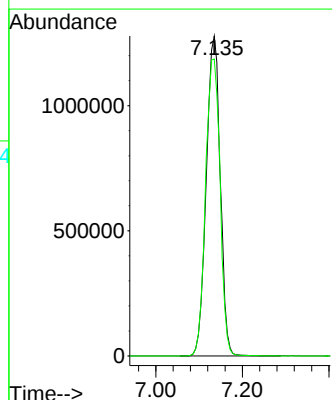
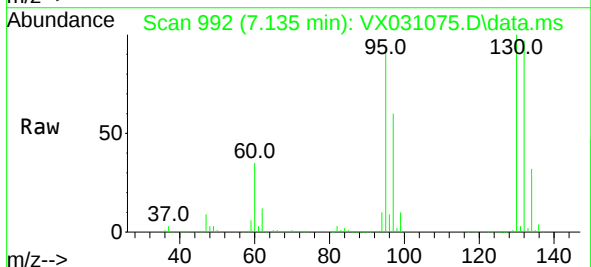
Instrument :
MSVOA_X
ClientSampleId :

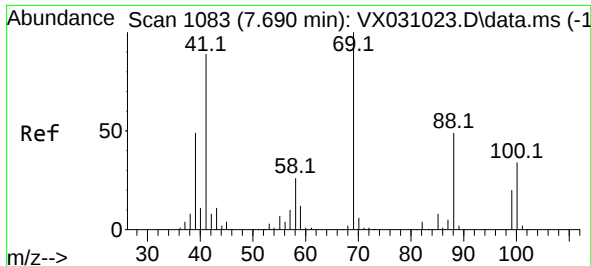
Tgt Ion: 62 Resp: 855
Ion Ratio Lower Upper
62 100
98 7.8 0.0 20.2



#44
Trichloroethene
Concen: 1000.788 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion:130 Resp: 2866529
Ion Ratio Lower Upper
130 100
95 92.8 0.0 194.8





#49

1,4-Dioxane

Concen: 7.927 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.019 min

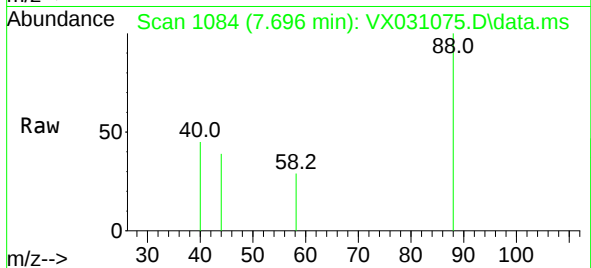
Lab File: VX031075.D

Acq: 02 Sep 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :



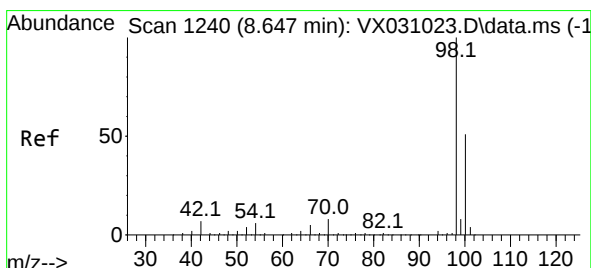
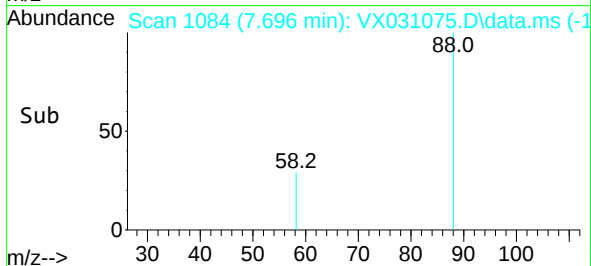
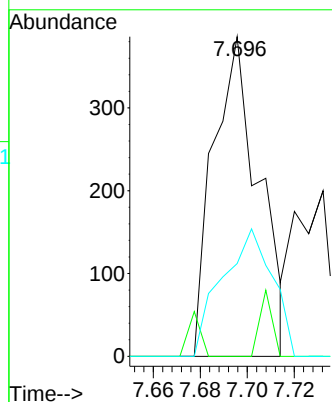
Tgt Ion: 88 Resp: 521

Ion Ratio Lower Upper

88 100

43 5.6 23.8 35.8#

58 44.1 53.8 80.6#



#50

Toluene-d8

Concen: 51.784 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031075.D

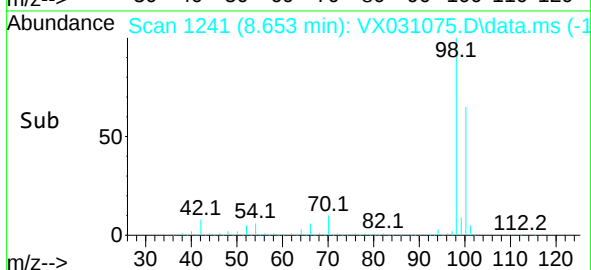
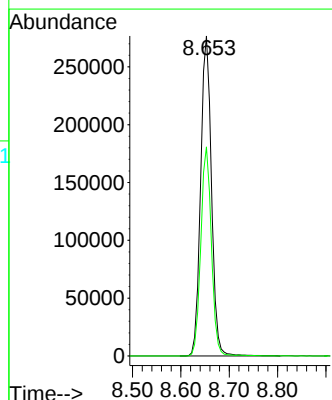
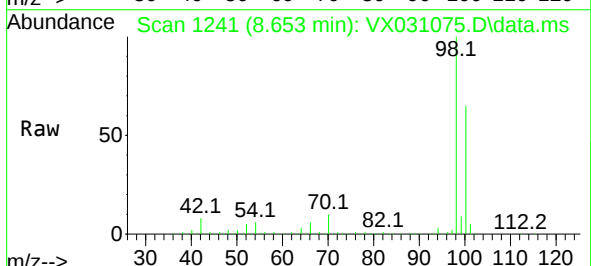
Acq: 02 Sep 2022 18:22

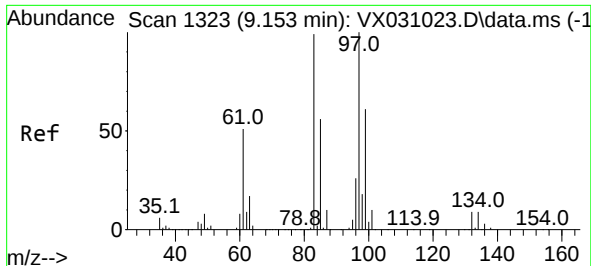
Tgt Ion: 98 Resp: 428860

Ion Ratio Lower Upper

98 100

100 63.7 52.3 78.5

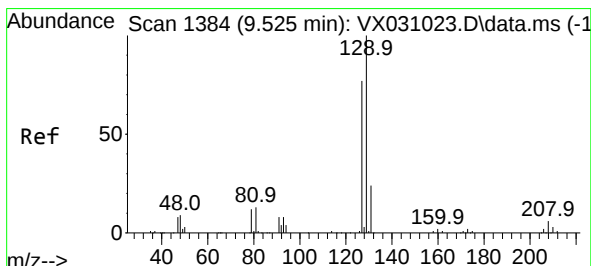
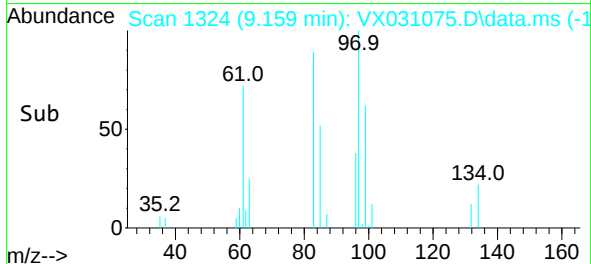
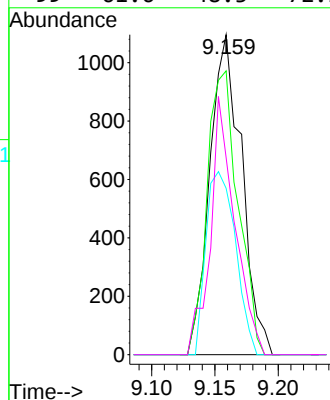
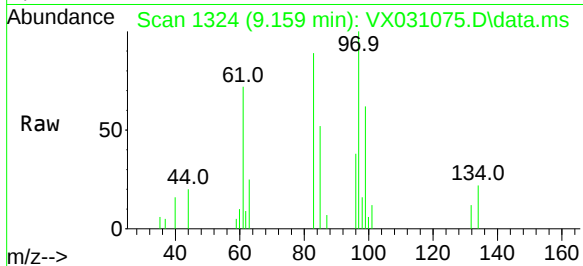




#55
 1,1,2-Trichloroethane
 Concen: 0.768 ug/l
 RT: 9.159 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031075.D
 Acq: 02 Sep 2022 18:22

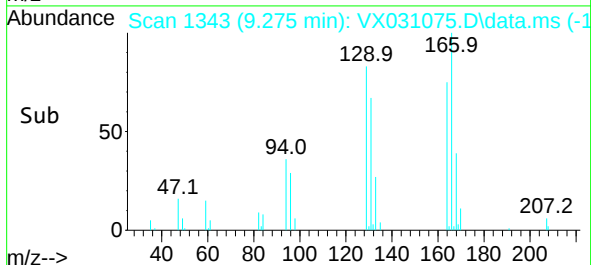
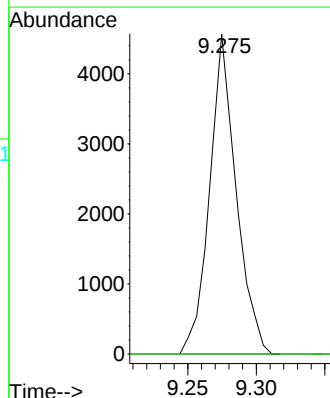
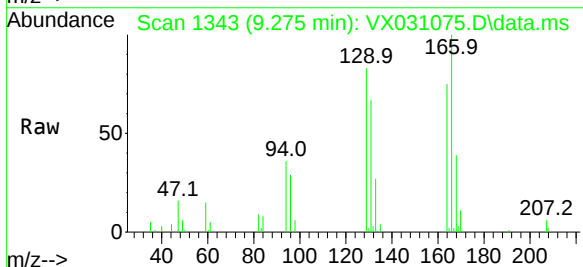
Instrument :
 MSVOA_X
 ClientSampleId :

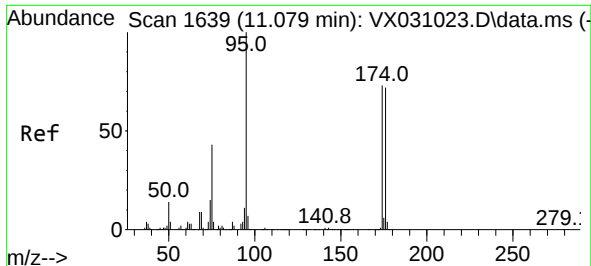
Tgt Ion: 97	Resp: 1917
Ion Ratio	Lower Upper
97 100	
83 88.7	68.9 103.3
85 52.0	44.0 66.0
99 61.6	48.3 72.5



#60
 Dibromochloromethane
 Concen: 2.380 ug/l
 RT: 9.275 min Scan# 1343
 Delta R.T. -0.250 min
 Lab File: VX031075.D
 Acq: 02 Sep 2022 18:22

Tgt Ion:129	Resp: 6165		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	38.5	115.5#	

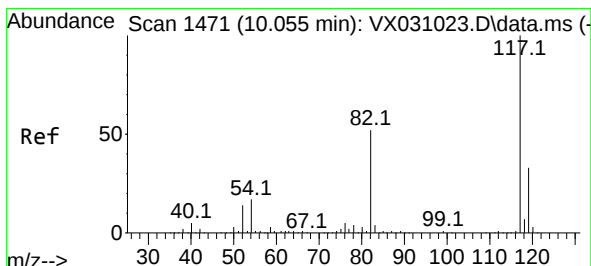
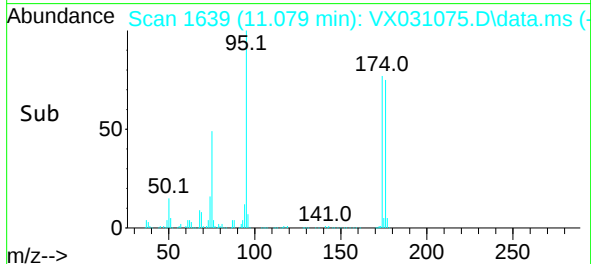
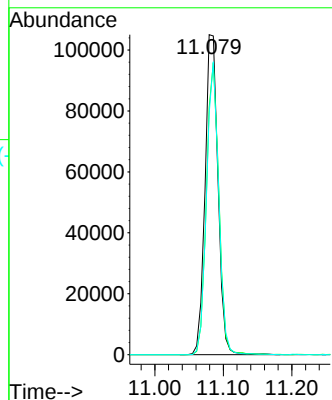
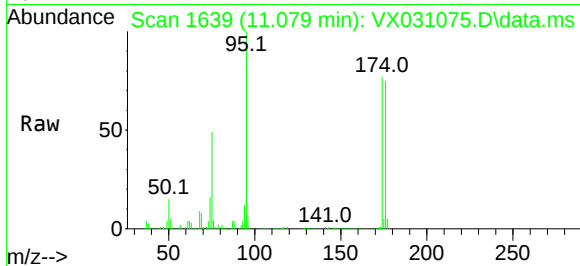




#62
4-Bromofluorobenzene
Concen: 47.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

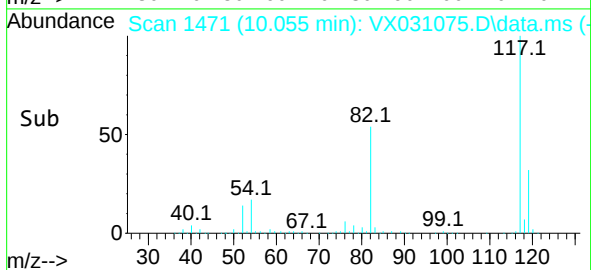
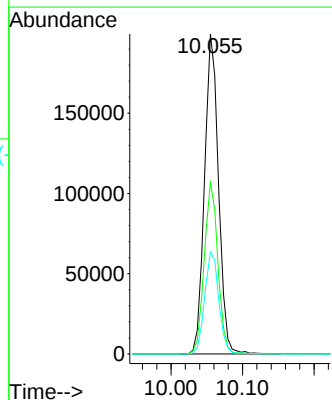
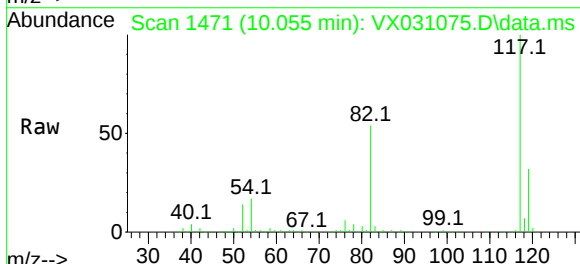
Instrument :
MSVOA_X
ClientSampleId :

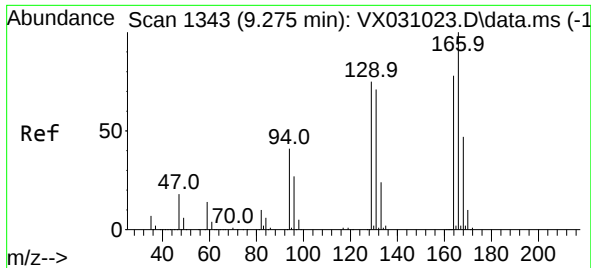
Tgt Ion: 95 Resp: 138367
Ion Ratio Lower Upper
95 100
174 87.4 0.0 149.0
176 86.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

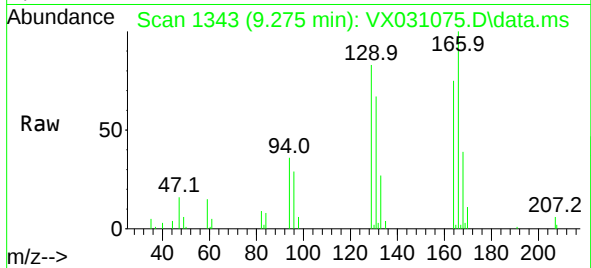
Tgt Ion: 117 Resp: 270755
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 31.9 25.4 38.2



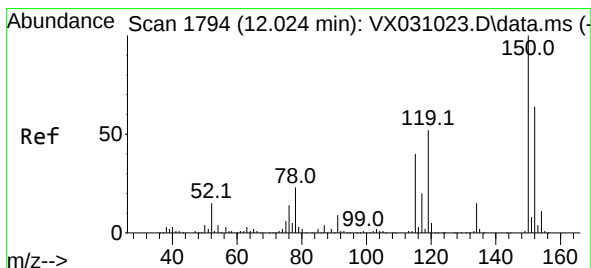
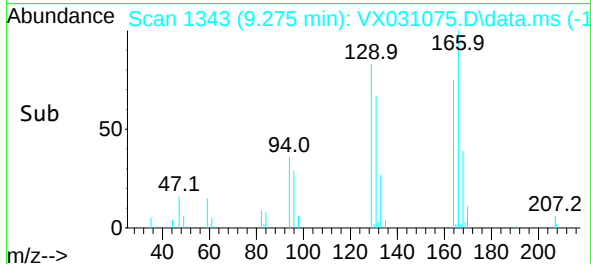
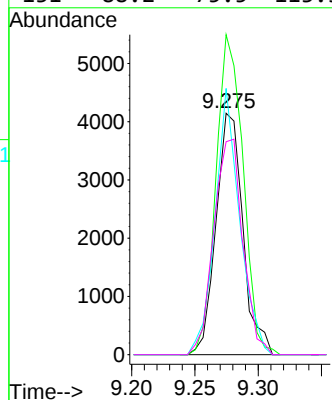


#64
Tetrachloroethene
Concen: 2.259 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

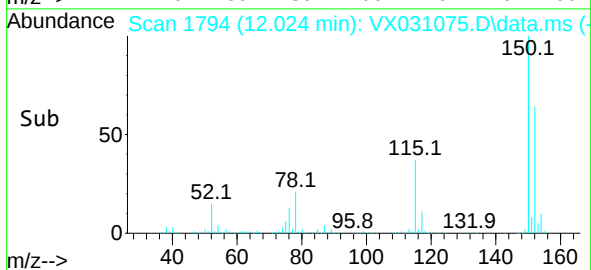
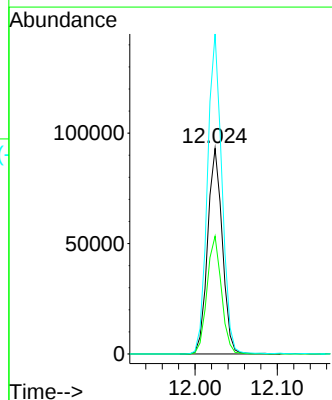
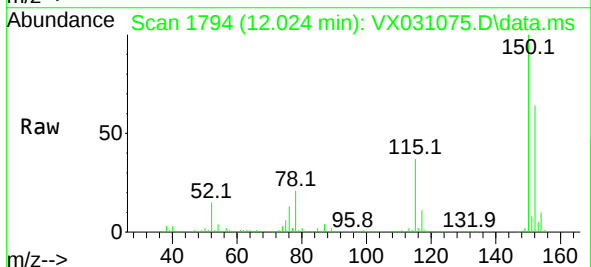


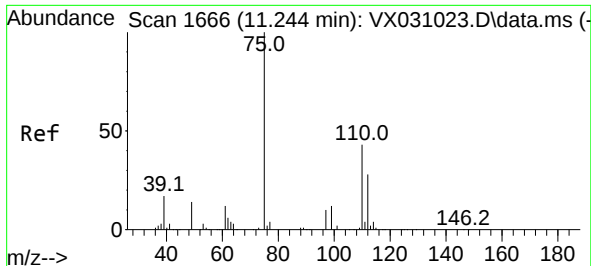
Tgt Ion:164 Resp: 6107
Ion Ratio Lower Upper
164 100
166 132.5 98.2 147.4
129 110.3 80.8 121.2
131 88.2 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion:152 Resp: 115524
Ion Ratio Lower Upper
152 100
115 56.2 40.5 121.5
150 153.1 0.0 347.0

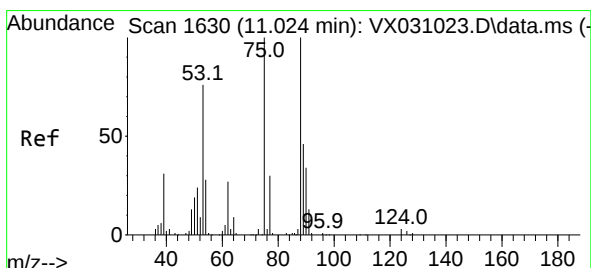
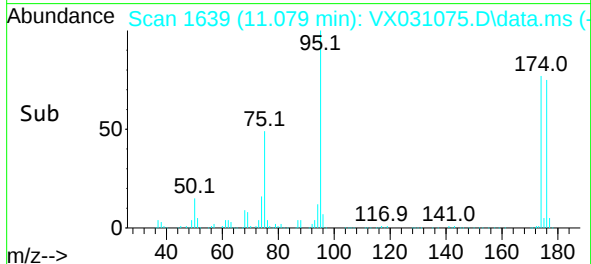
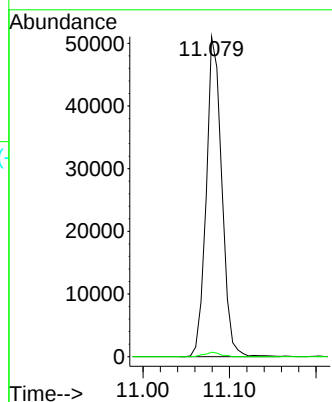
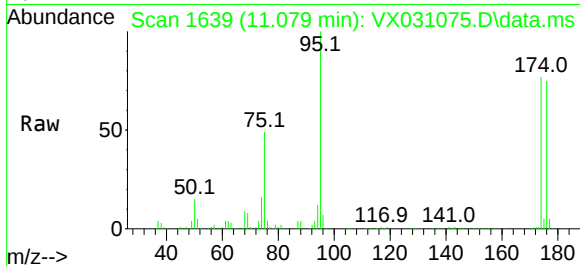




#76
1,2,3-Trichloropropane
Concen: 23.315 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 63670
Ion Ratio Lower Upper
75 100
77 1.4 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.272 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031075.D
Acq: 02 Sep 2022 18:22

Tgt Ion: 75 Resp: 63670
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

