

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028646.D
 Acq On : 12 May 2022 18:25
 Operator : JC/MD
 Sample : N2811-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: May 13 02:48:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

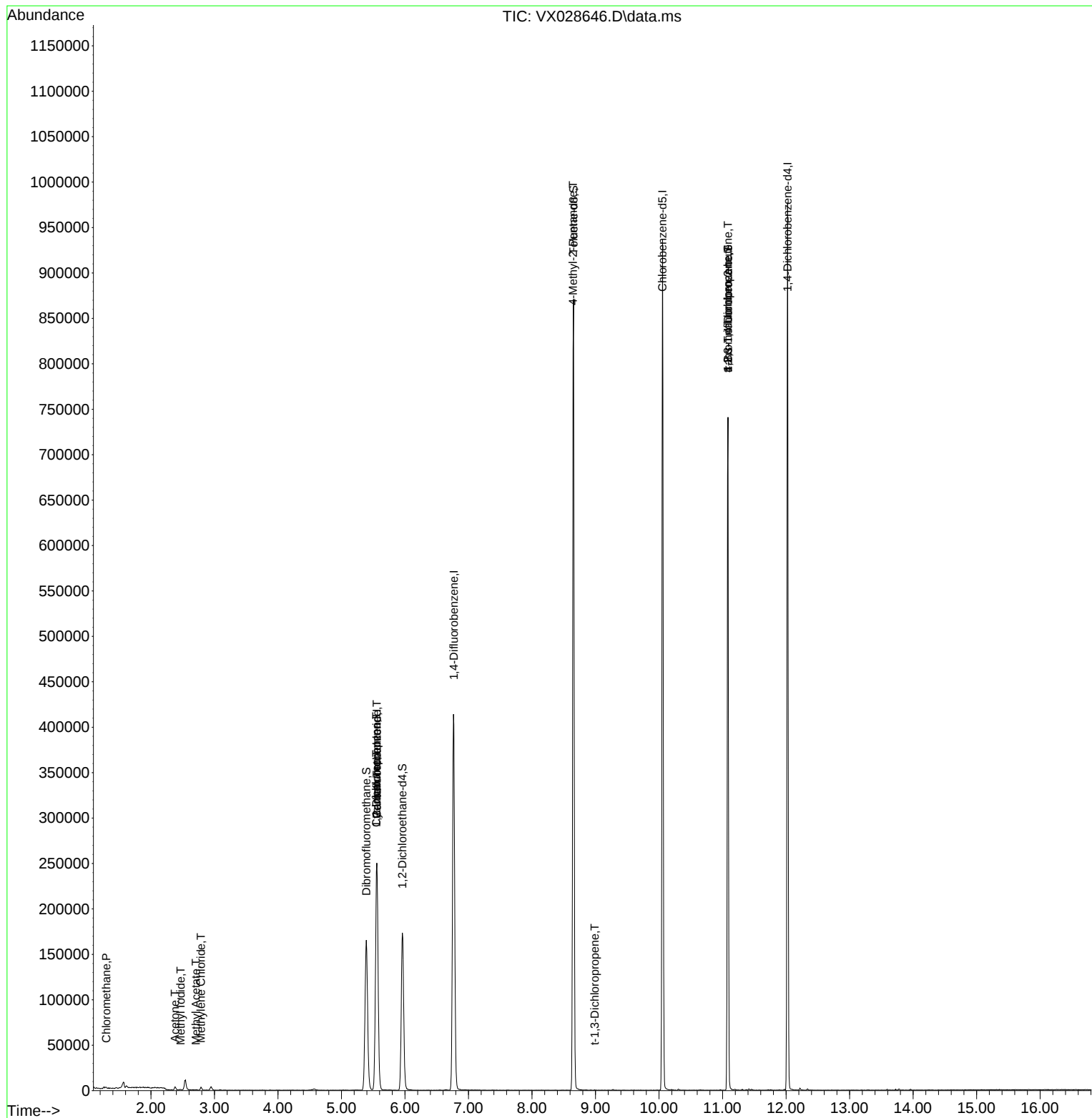
Internal Standards						
1) Pentafluorobenzene	5.556	168	225041	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	417835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165690	53.712	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.420%	
35) Dibromofluoromethane	5.391	113	140039	51.154	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.300%	
50) Toluene-d8	8.653	98	514689	49.867	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	11.085	95	190047	49.298	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	643	0.232	ug/l	96
5) Bromomethane	1.617	94	1025	Below Cal		91
6) Chloroethane	1.685	64	449	Below Cal	#	43
10) Methyl Iodide	2.465	142	939	0.313	ug/l	# 89
11) Tert butyl alcohol	2.946	59	2068	Below Cal	#	72
16) Acetone	2.380	43	3817	2.883	ug/l	98
18) Methyl Acetate	2.709	43	770	0.232	ug/l	# 46
20) Methylene Chloride	2.788	84	1418	0.511	ug/l	# 90
31) Cyclohexane	5.550	56	5251	1.226	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	19000	4.621	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	24959	6.032	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	2345	0.530	ug/l	# 1
53) t-1,3-Dichloropropene	8.988	75	131	1.668	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	101625	23.480	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	101625	68.496	ug/l	# 15

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

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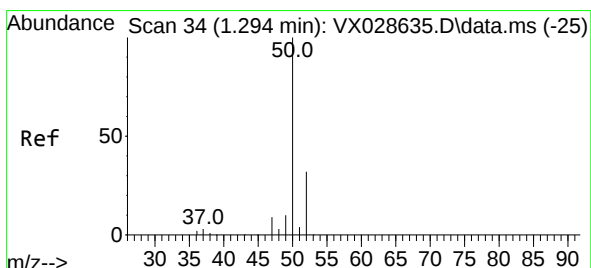
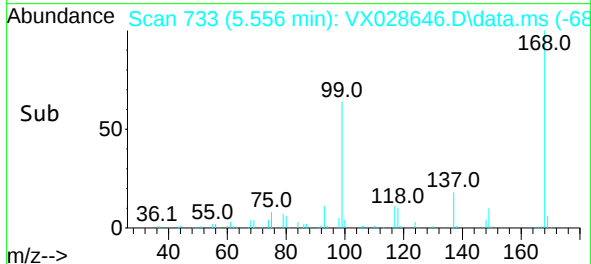
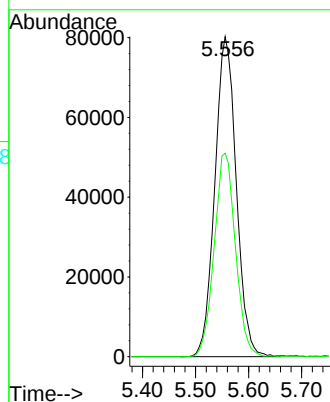
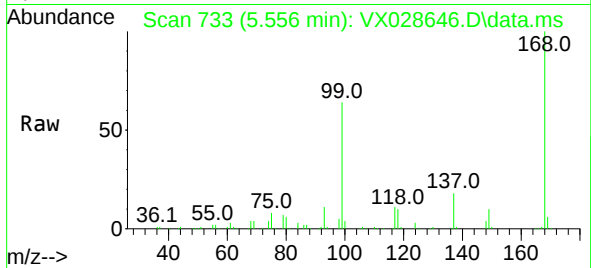




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

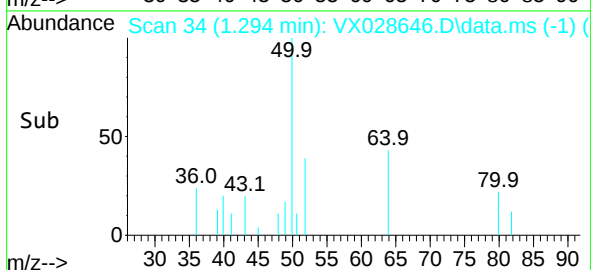
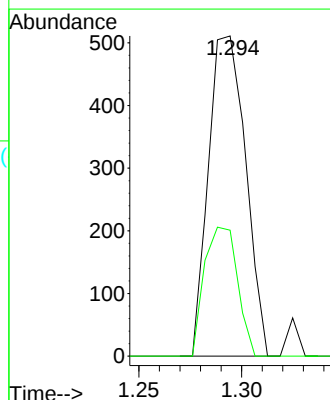
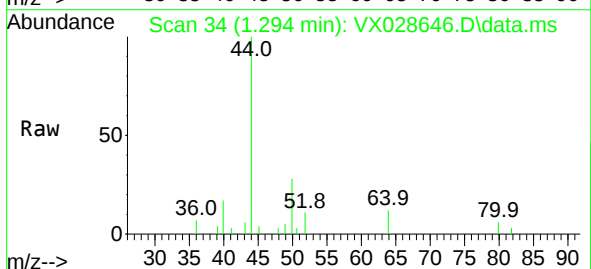
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

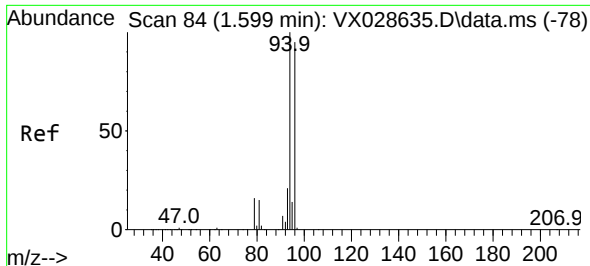
Tgt Ion:168 Resp: 225041
Ion Ratio Lower Upper
168 100
99 63.6 41.7 62.5#



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 50 Resp: 643
Ion Ratio Lower Upper
50 100
52 35.4 26.4 39.6

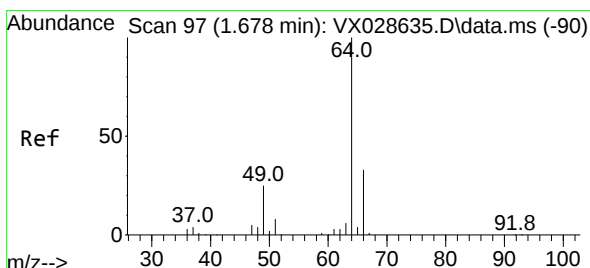
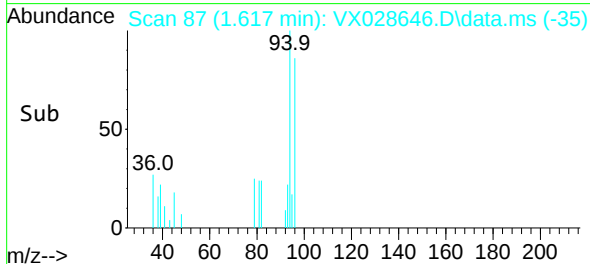
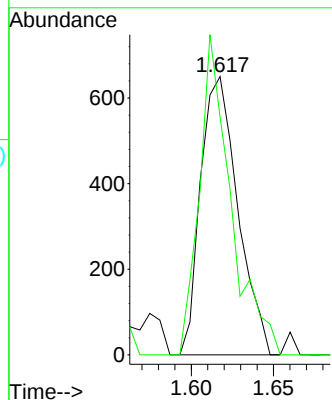
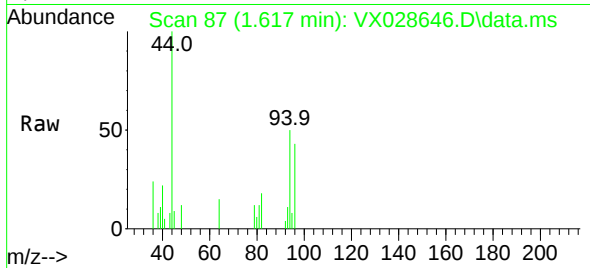




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

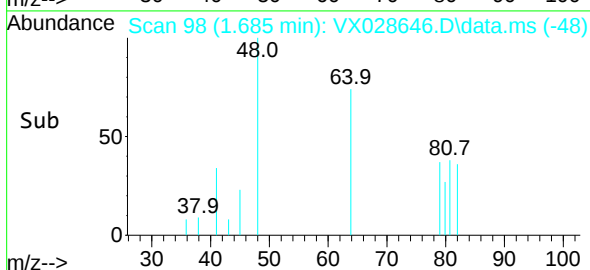
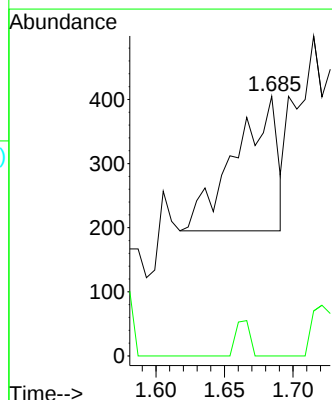
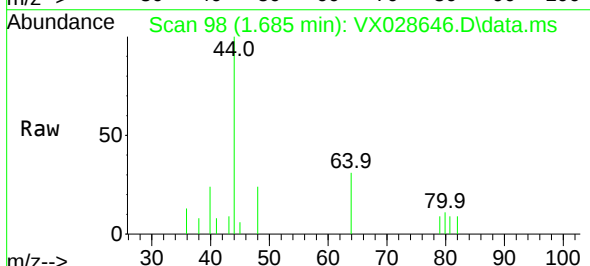
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

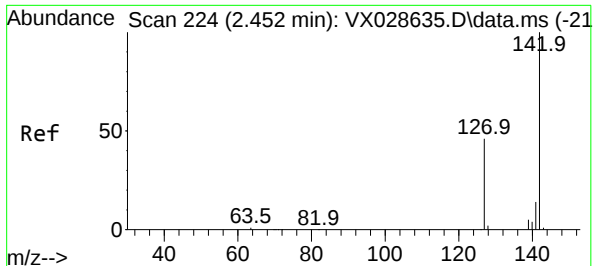
Tgt Ion: 94 Resp: 1025
Ion Ratio Lower Upper
94 100
96 85.5 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 64 Resp: 449
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

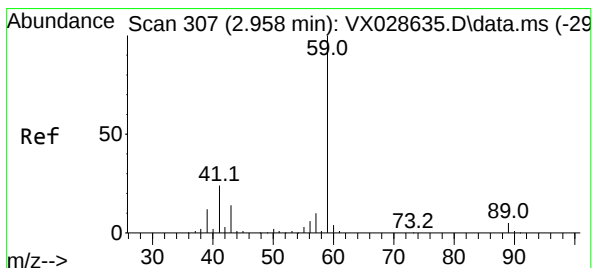
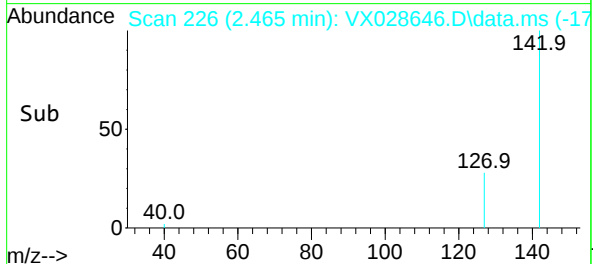
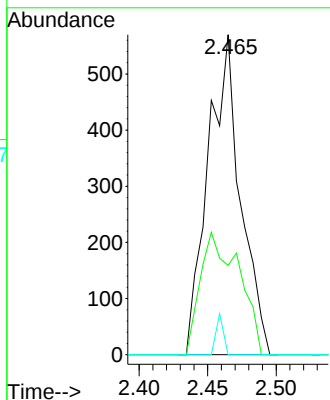
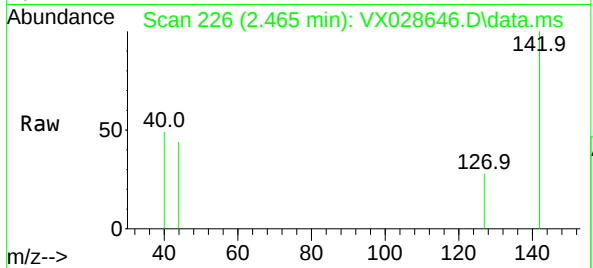




#10
Methyl Iodide
Concen: 0.313 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

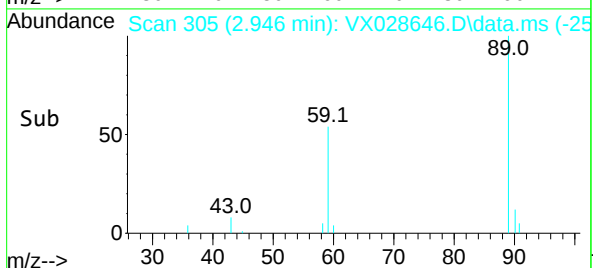
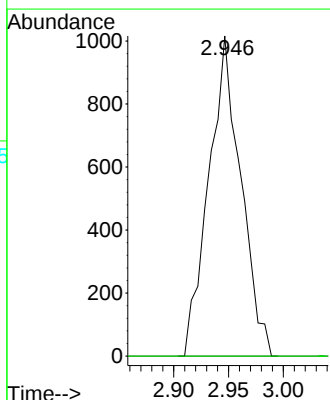
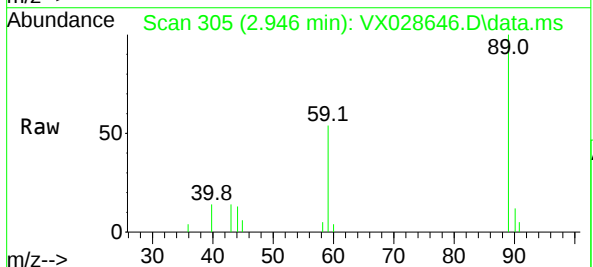
Instrument :
MSVOA_X
ClientSampleId :
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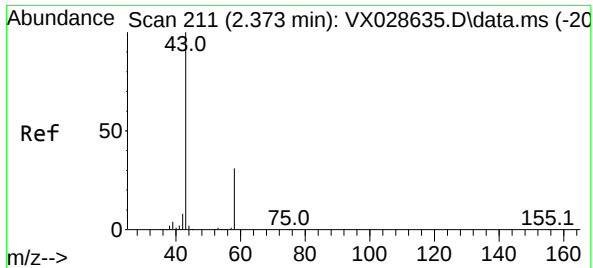
Tgt Ion:142 Resp: 939
Ion Ratio Lower Upper
142 100
127 45.7 33.9 50.9
141 2.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 59 Resp: 2068
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

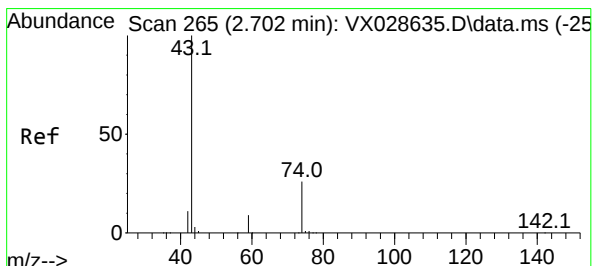
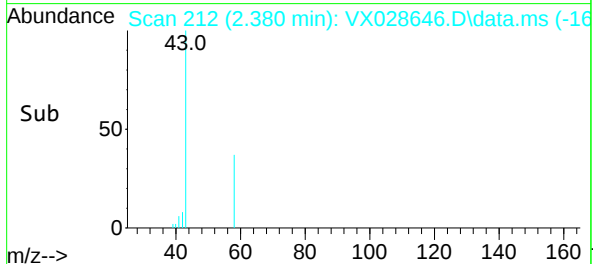
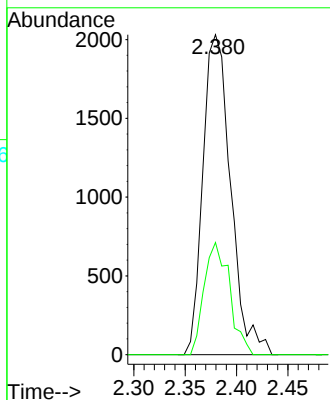
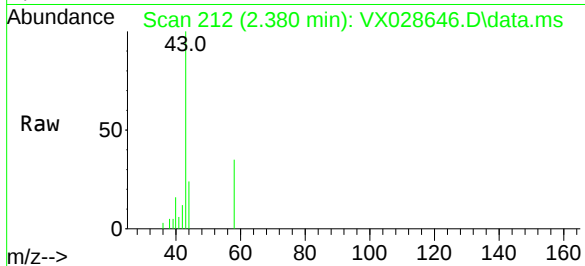




#16
Acetone
Concen: 2.883 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

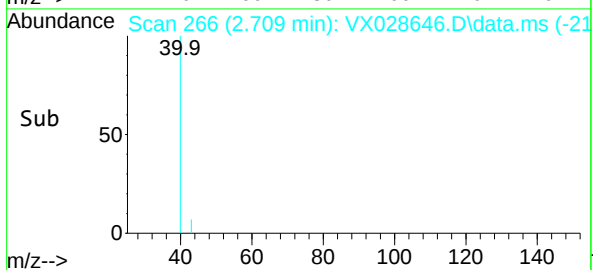
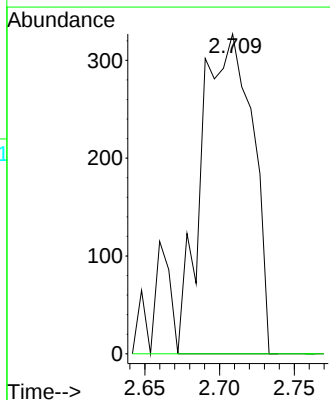
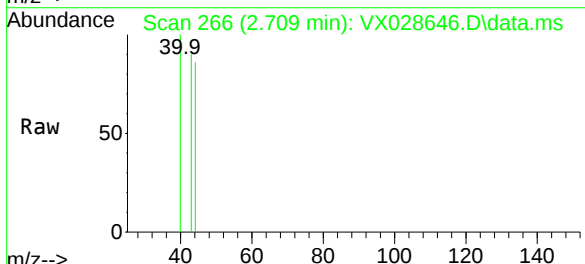
Instrument :
MSVOA_X
ClientSampleId :
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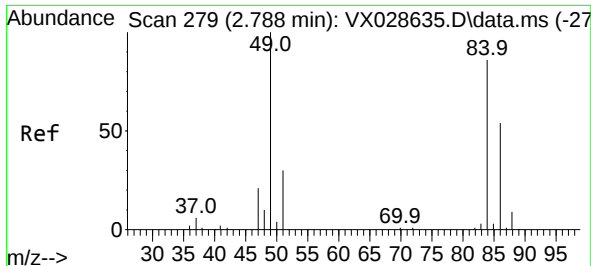
Tgt Ion: 43 Resp: 3817
Ion Ratio Lower Upper
43 100
58 35.1 28.8 43.2



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

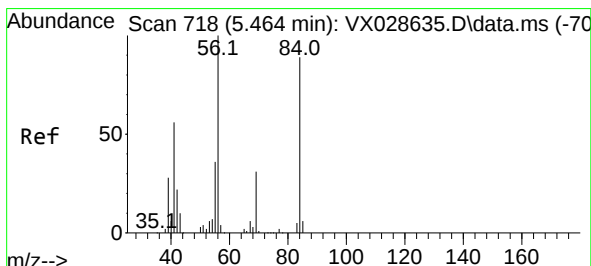
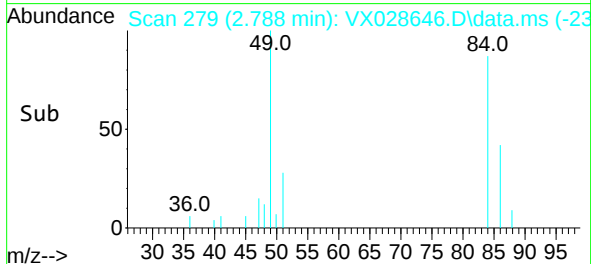
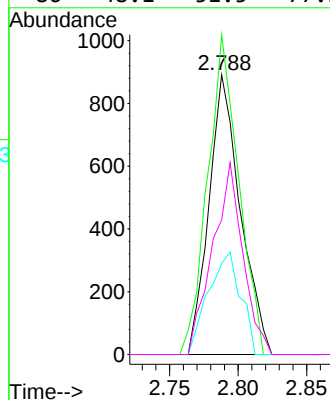
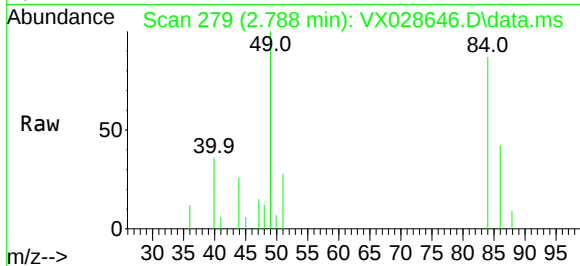




#20
Methylene Chloride
Concen: 0.511 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

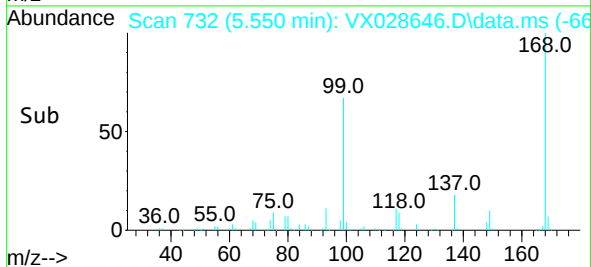
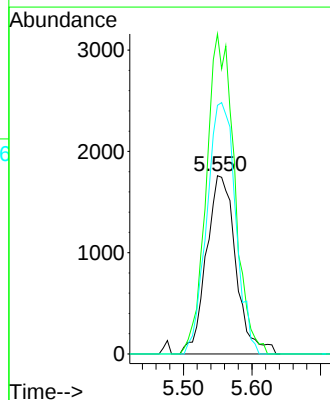
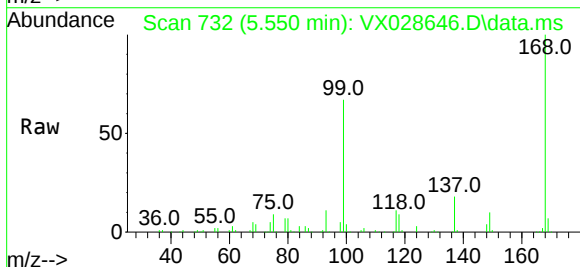
Instrument :
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ClientSampleId :
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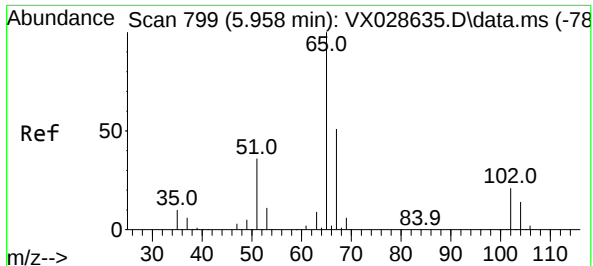
Tgt Ion:	84	Resp:	1418
Ion	Ratio	Lower	Upper
84	100		
49	114.4	85.5	128.3
51	32.5	26.6	39.8
86	48.1	51.5	77.3



#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion:	56	Resp:	5251
Ion	Ratio	Lower	Upper
56	100		
69	179.5	26.7	40.1
84	139.5	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 53.712 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028646.D

Acq: 12 May 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

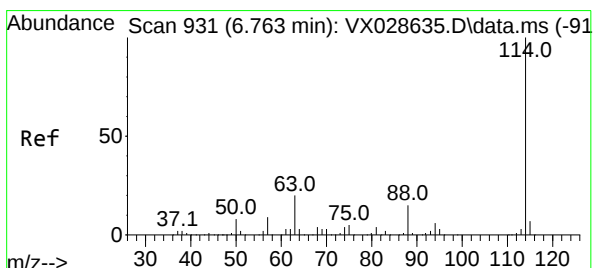
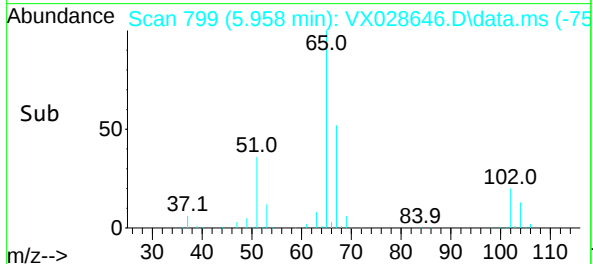
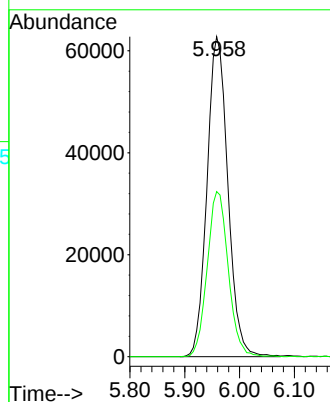
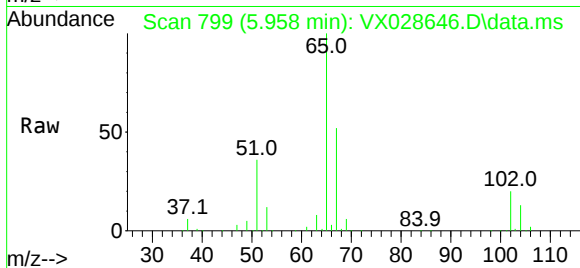
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Tgt Ion: 65 Resp: 165690

Ion Ratio Lower Upper

65 100

67 52.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028646.D

Acq: 12 May 2022 18:25

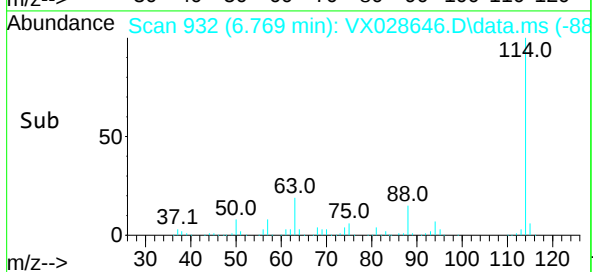
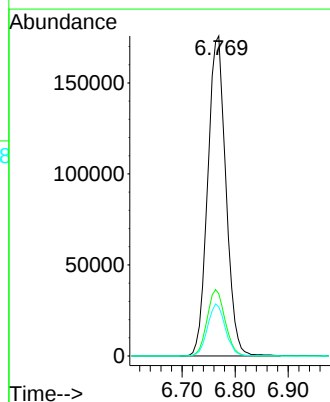
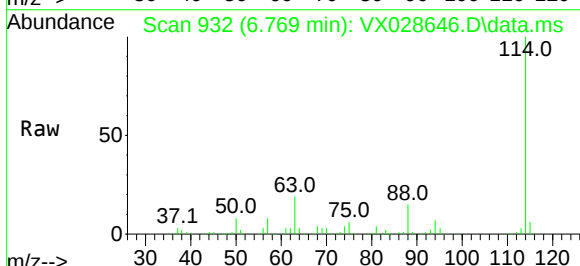
Tgt Ion: 114 Resp: 417835

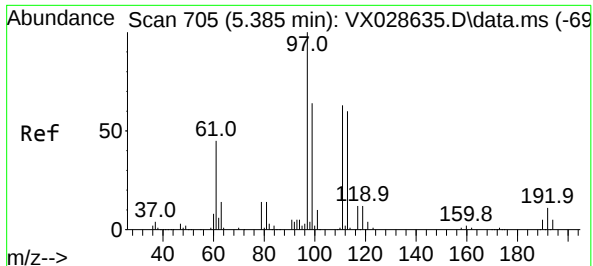
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.154 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028646.D

Acq: 12 May 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

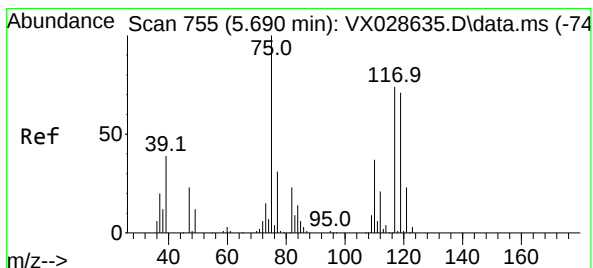
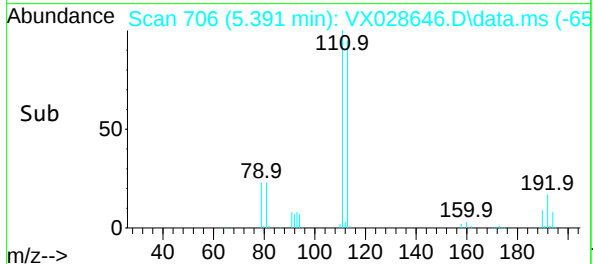
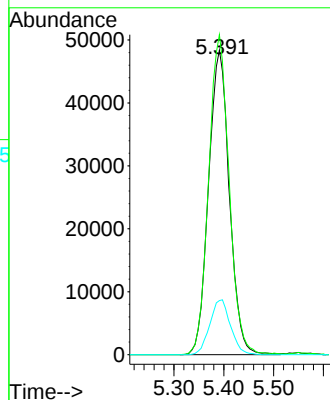
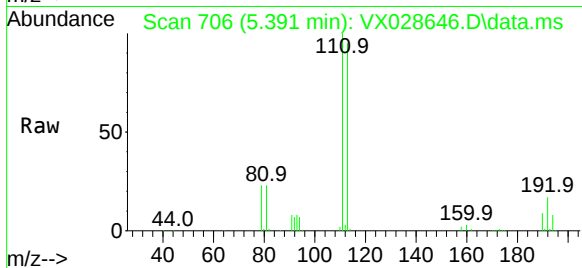
Tgt Ion:113 Resp: 140039

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 18.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.621 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX028646.D

Acq: 12 May 2022 18:25

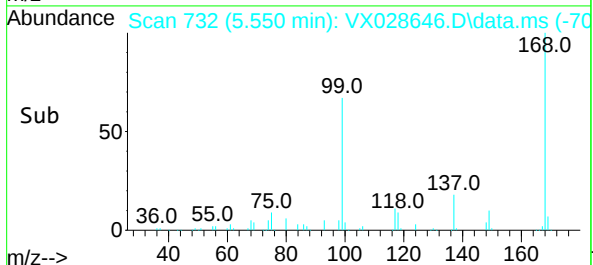
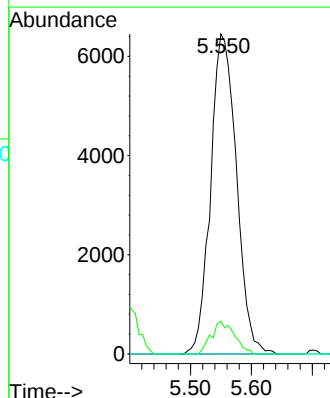
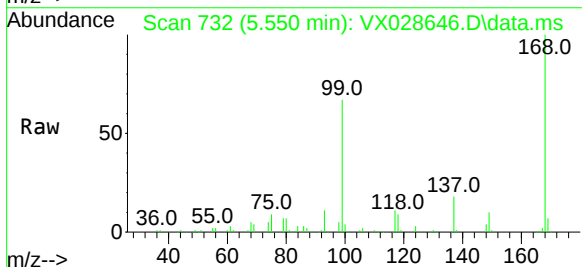
Tgt Ion: 75 Resp: 19000

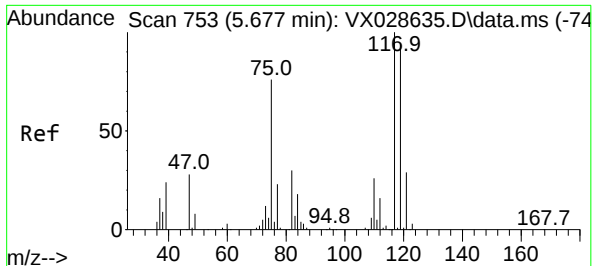
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#

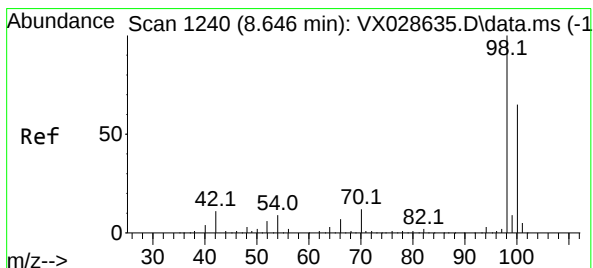
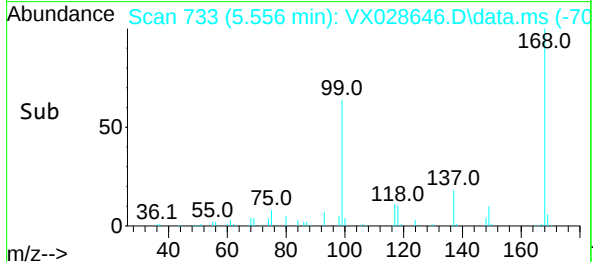
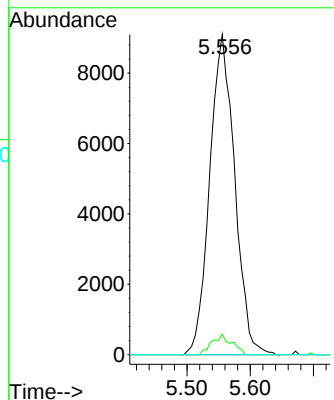
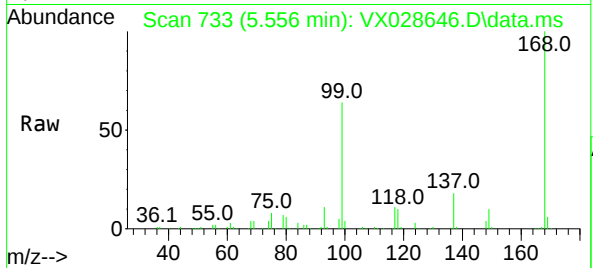




#38
Carbon Tetrachloride
Concen: 6.032 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

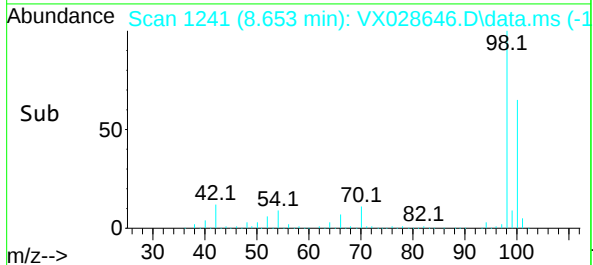
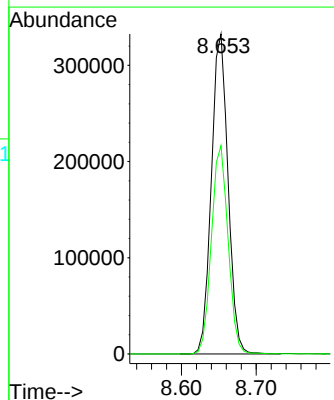
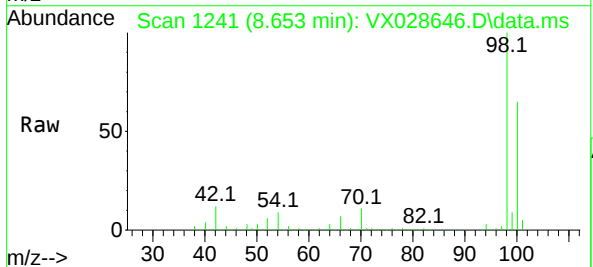
Instrument :
MSVOA_X
ClientSampleId :
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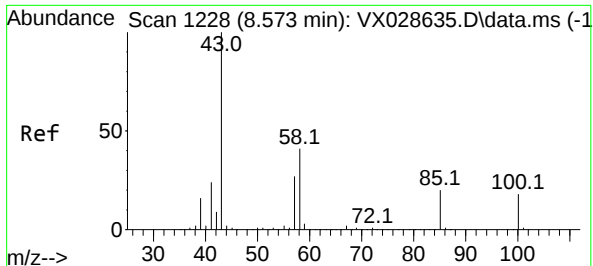
Tgt Ion:117 Resp: 24959
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.867 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 98 Resp: 514689
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

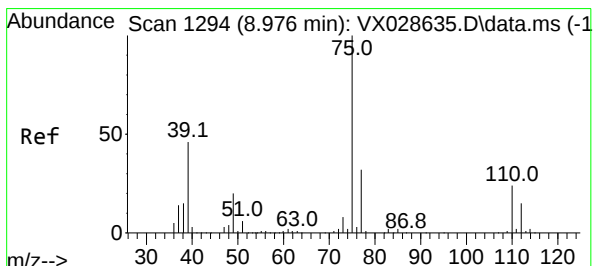
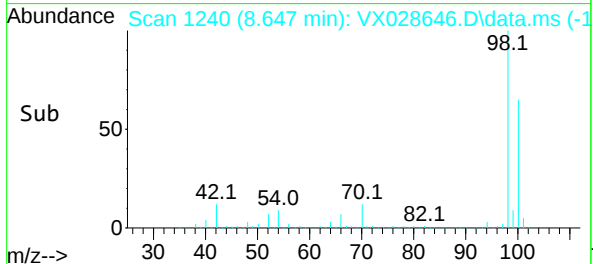
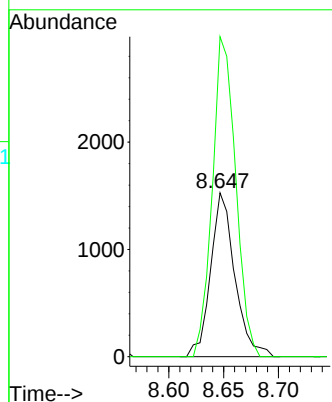
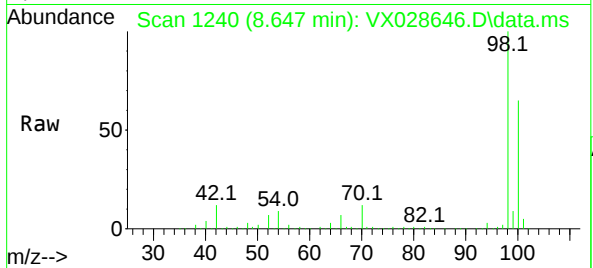




#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

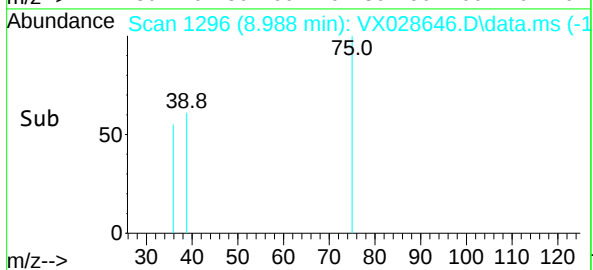
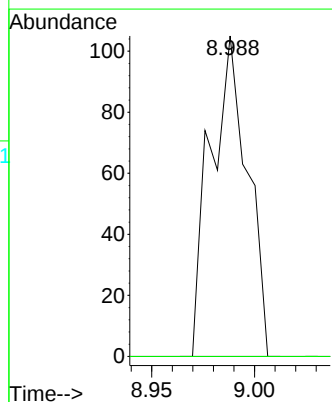
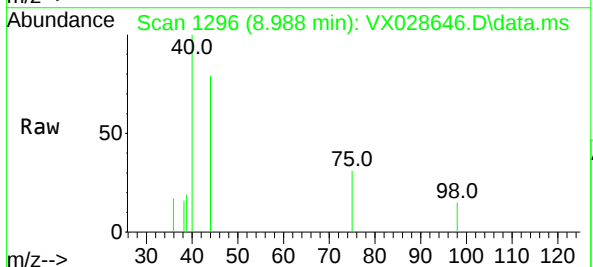
Instrument :
MSVOA_X
ClientSampleId :
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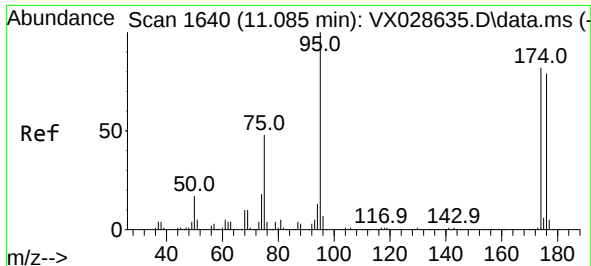
Tgt Ion: 43 Resp: 2345
Ion Ratio Lower Upper
43 100
58 188.3 36.1 54.1#



#53
t-1,3-Dichloropropene
Concen: 1.668 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 75 Resp: 131
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

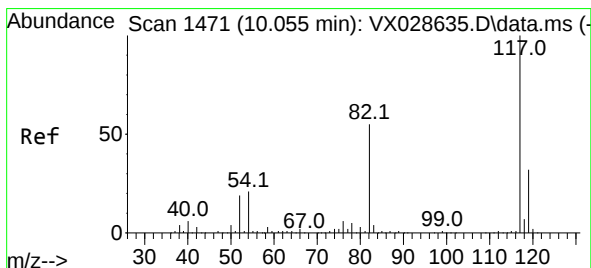
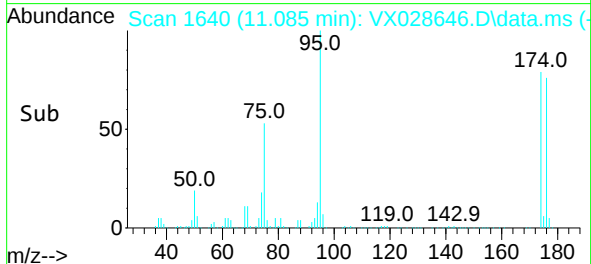
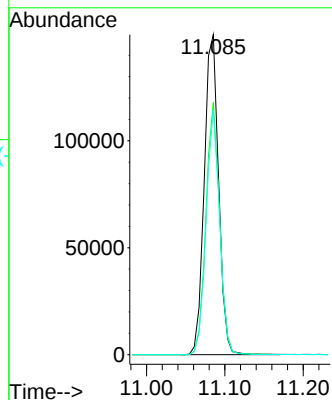
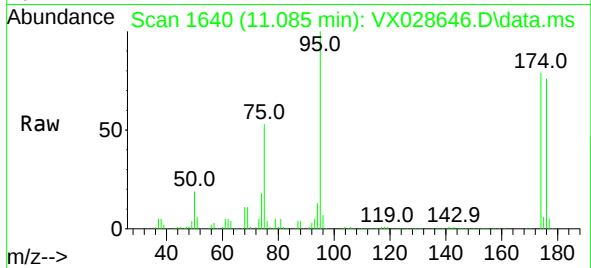




#62
4-Bromofluorobenzene
Concen: 49.298 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

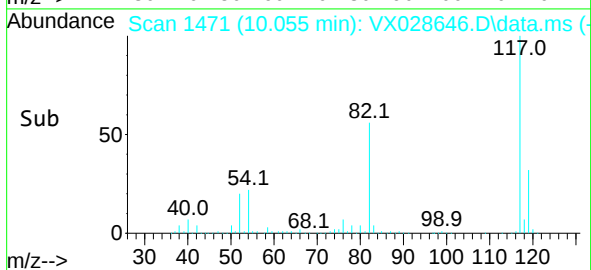
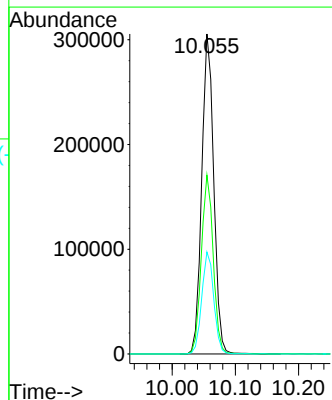
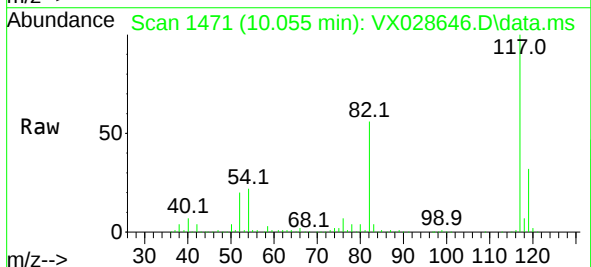
Instrument :
MSVOA_X
ClientSampleId :
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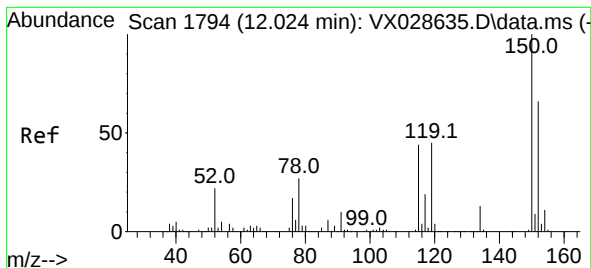
Tgt Ion: 95 Resp: 190047
Ion Ratio Lower Upper
95 100
174 75.3 0.0 163.0
176 71.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028646.D
Acq: 12 May 2022 18:25

Tgt Ion: 117 Resp: 403821
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 31.9 24.8 37.2

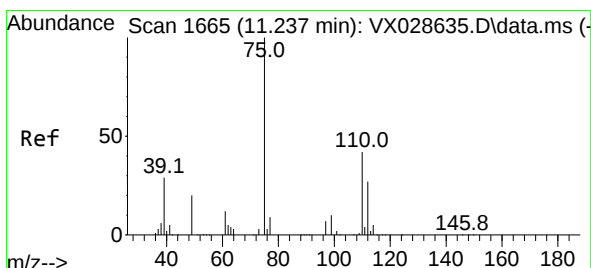
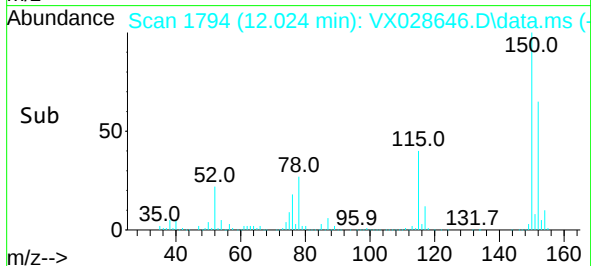
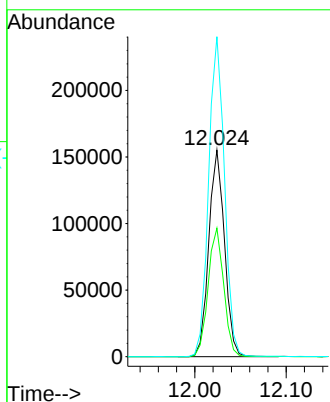
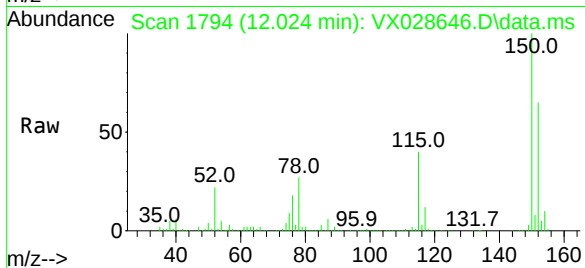




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028646.D
 Acq: 12 May 2022 18:25

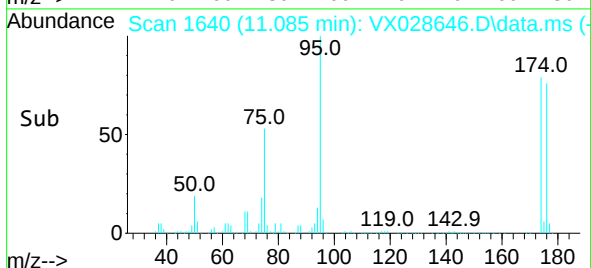
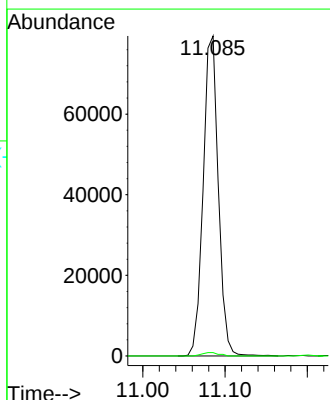
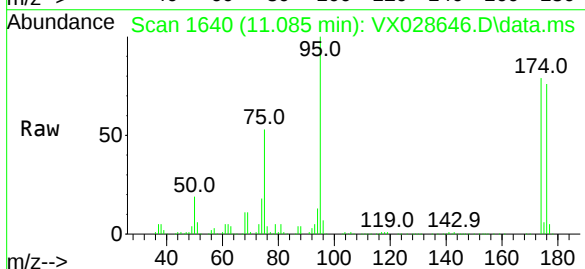
Instrument :
 MSVOA_X
 ClientSampleId :
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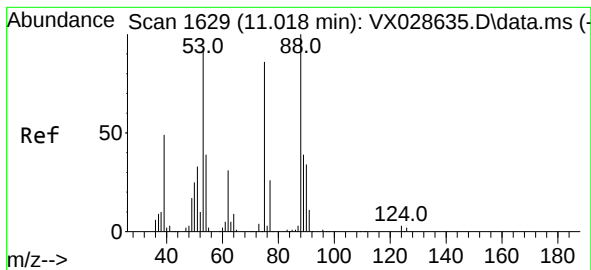
Tgt Ion:152 Resp: 184810
 Ion Ratio Lower Upper
 152 100
 115 62.0 37.5 112.7
 150 156.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 23.480 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.152 min
 Lab File: VX028646.D
 Acq: 12 May 2022 18:25

Tgt Ion: 75 Resp: 101625
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.496 ug/l
 RT: 11.085 min Scan# 10
 Delta R.T. 0.067 min
 Lab File: VX028646.D
 Acq: 12 May 2022 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Tgt Ion: 75 Resp: 101625
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

