

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031742.D
 Acq On : 28 Sep 2022 22:17
 Operator : JC/MD
 Sample : VX0928WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBL02

Quant Time: Sep 29 04:35:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

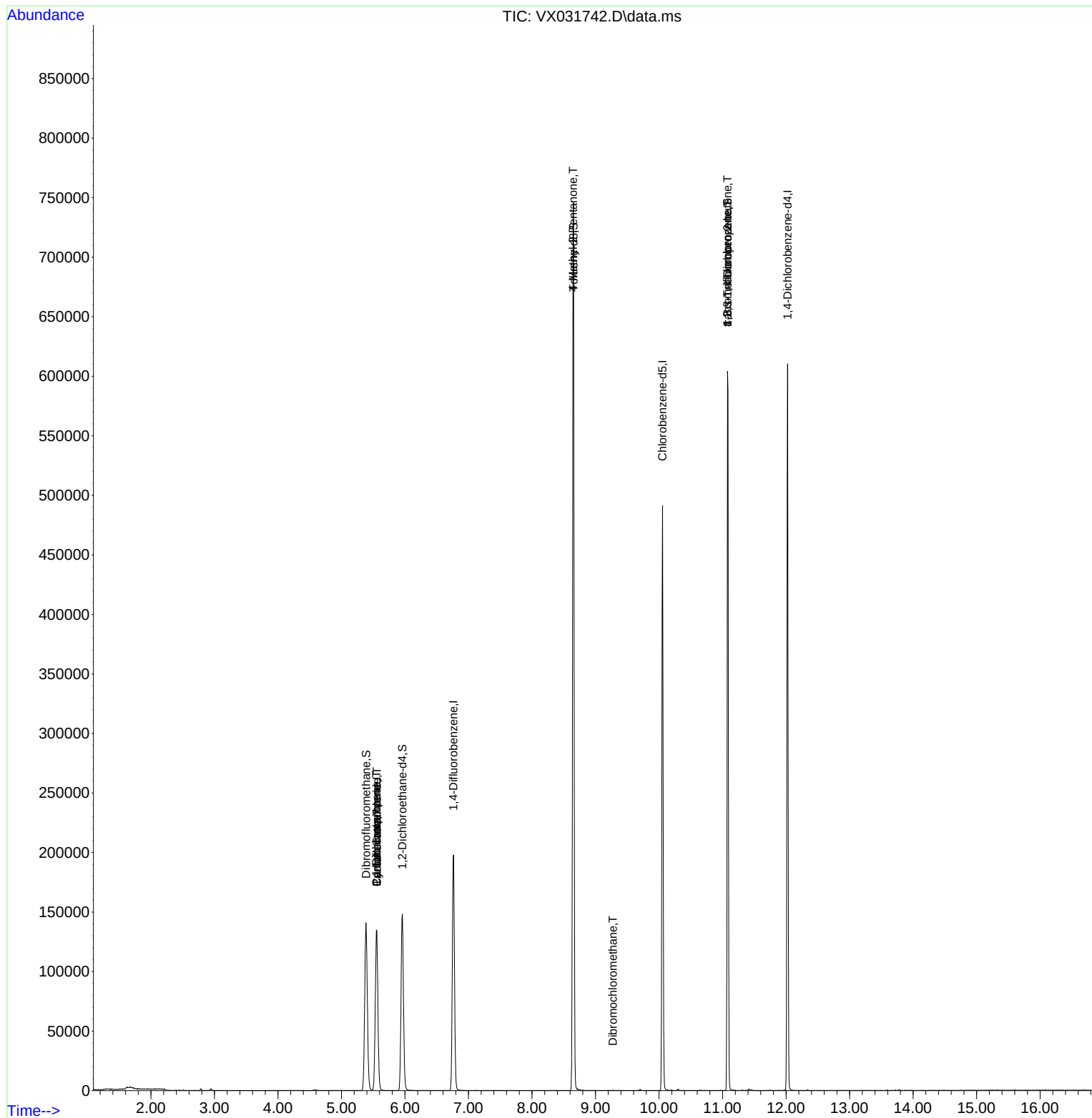
Internal Standards						
1) Pentafluorobenzene	5.556	168	127489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	207104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143025	52.858	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.720%			
35) Dibromofluoromethane	5.385	113	117778	47.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.460%			
50) Toluene-d8	8.653	98	456146	50.987	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	11.079	95	156877	47.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.680%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	116	Below Cal	#	41
5) Bromomethane	1.617	94	449	Below Cal	#	78
6) Chloroethane	1.703	64	48	Below Cal	#	43
7) Trichlorofluoromethane	1.886	101	142	Below Cal	#	18
11) Tert butyl alcohol	2.940	59	797	Below Cal	#	73
12) 1,1-Dichloroethene	2.312	96	20	Below Cal	#	1
13) Acrolein	2.008	56	19	Below Cal	#	63
16) Acetone	2.392	43	167	Below Cal	#	45
17) Carbon Disulfide	2.508	76	433	Below Cal	#	75
20) Methylene Chloride	2.788	84	631	Below Cal	#	66
31) Cyclohexane	5.556	56	2626	1.021	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9985	3.523	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13559	4.245	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1907	0.670	ug/l #	1
60) Dibromochloromethane	9.275	129	55	1.559	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	83712	37.968	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	83712	124.337	ug/l #	11

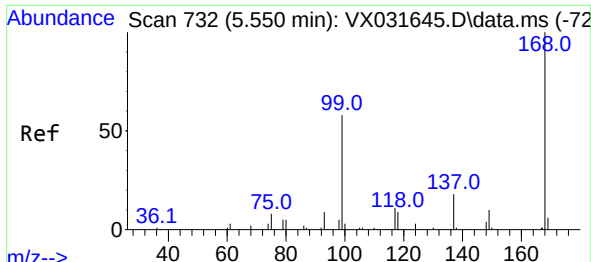
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

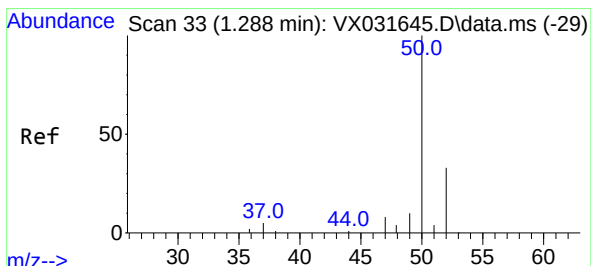
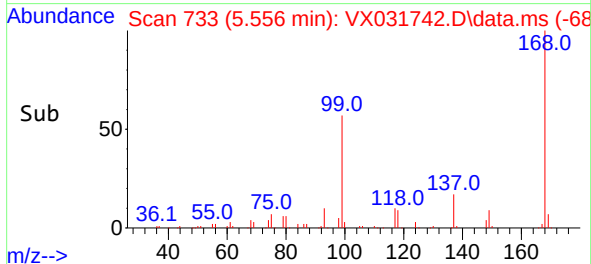
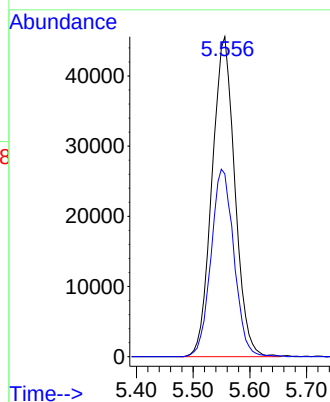
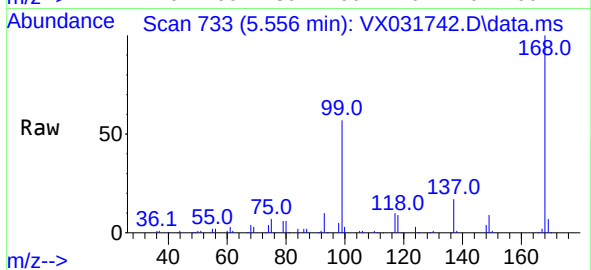




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

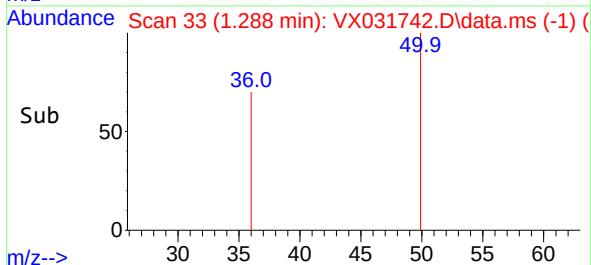
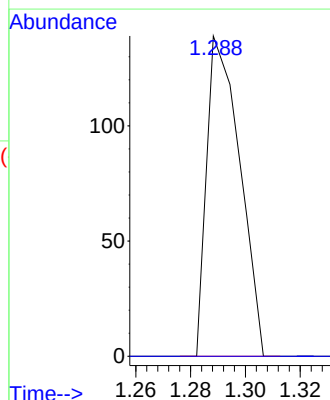
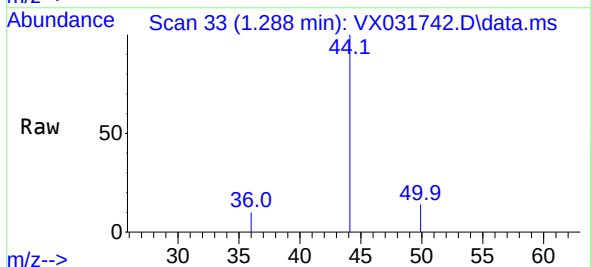
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

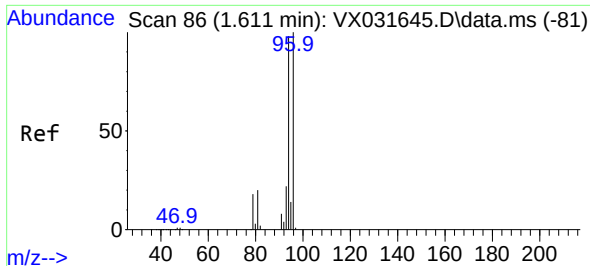
Tgt Ion:168 Resp: 127489
Ion Ratio Lower Upper
168 100
99 57.1 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 50 Resp: 116
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

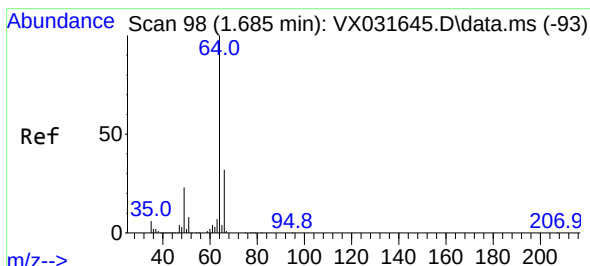
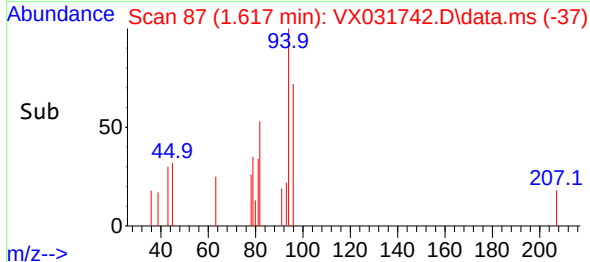
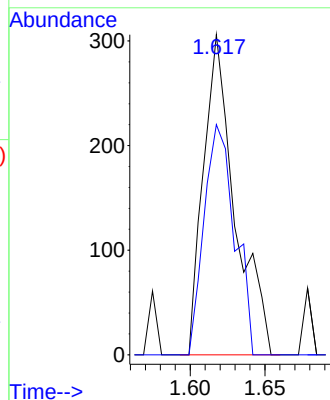
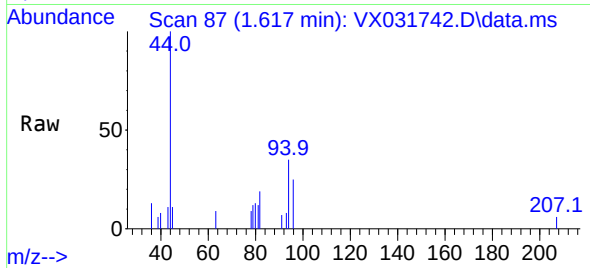




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

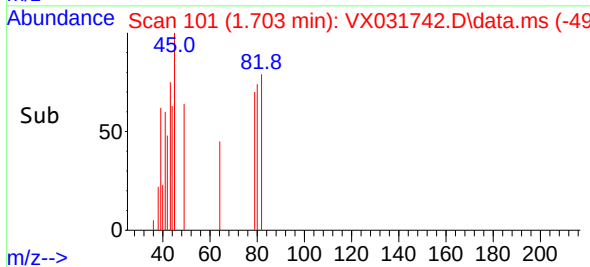
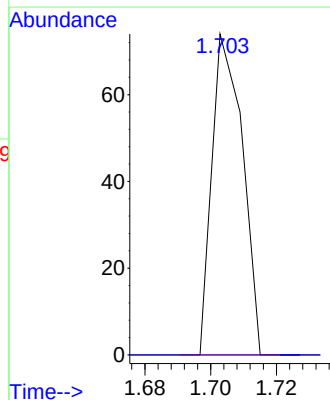
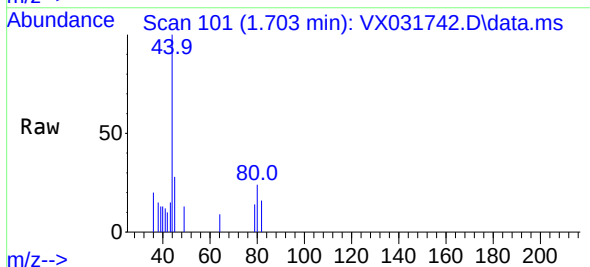
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

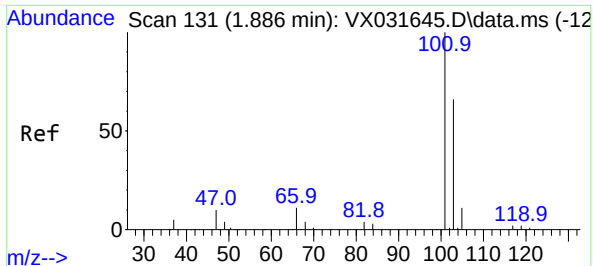
Tgt Ion: 94 Resp: 449
Ion Ratio Lower Upper
94 100
96 71.9 74.4 111.6#



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 64 Resp: 48
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

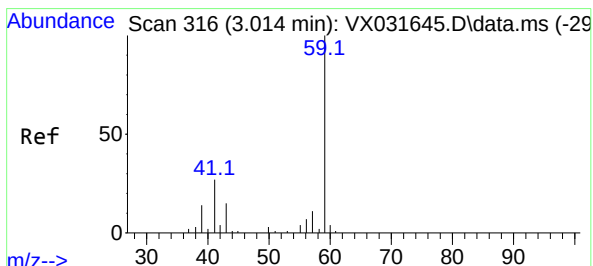
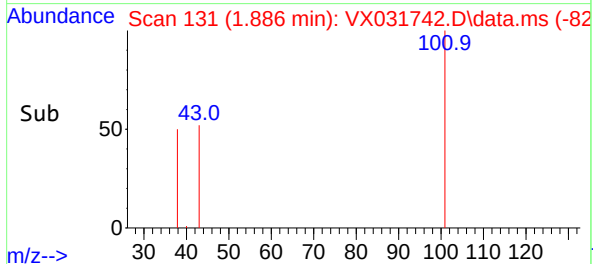
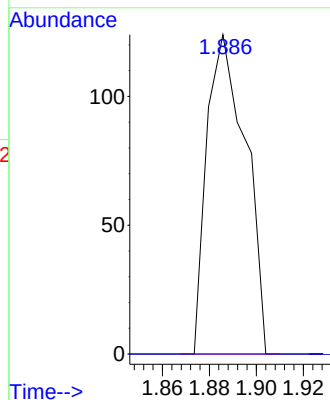
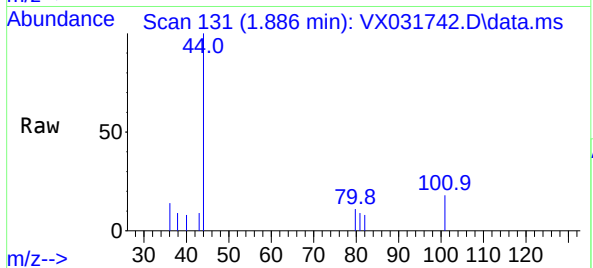




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

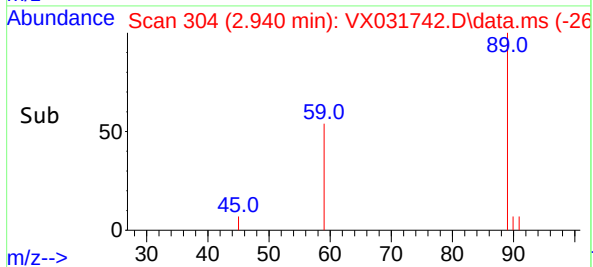
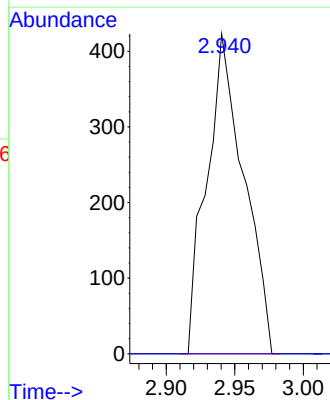
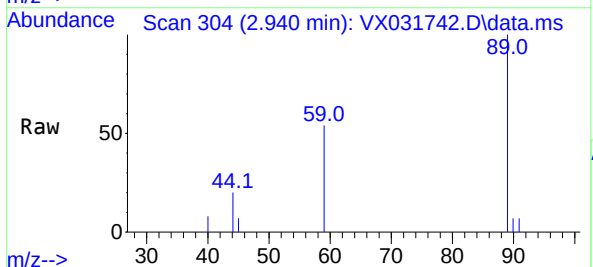
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

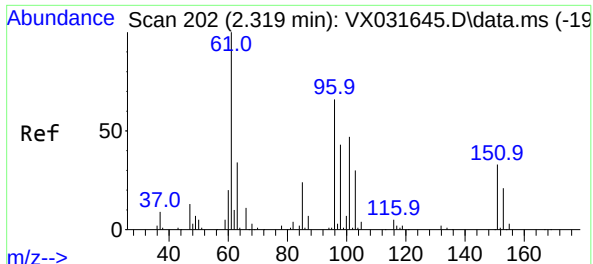
Tgt Ion:101 Resp: 142
Ion Ratio Lower Upper
101 100
103 0.0 51.8 77.6#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 59 Resp: 797
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

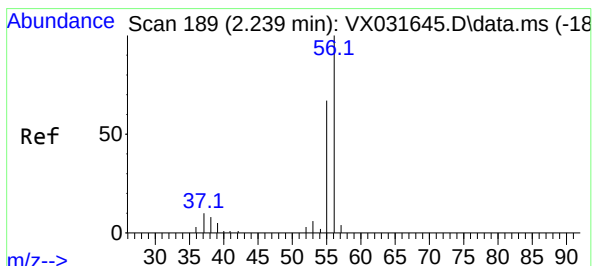
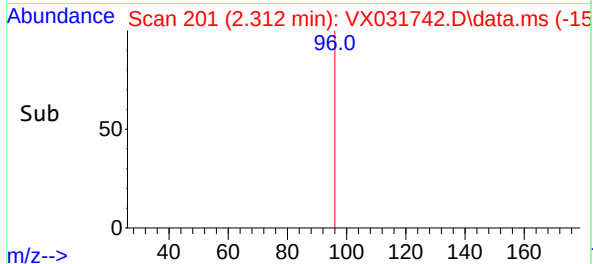
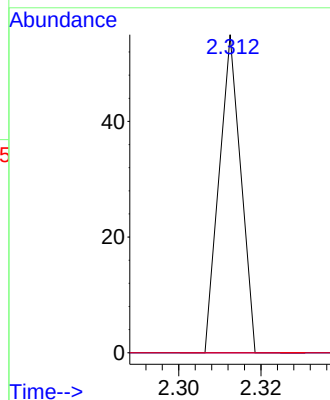
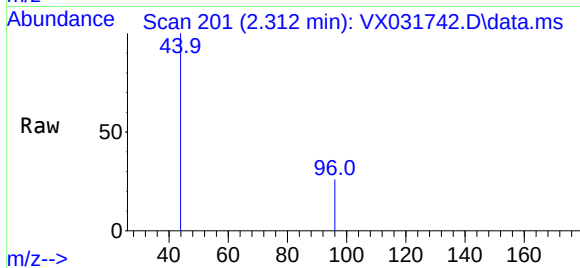




#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.312 min Scan# 20
Delta R.T. -0.007 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

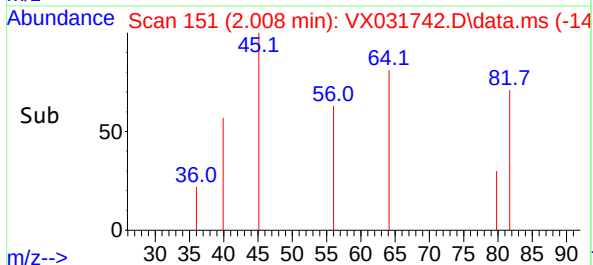
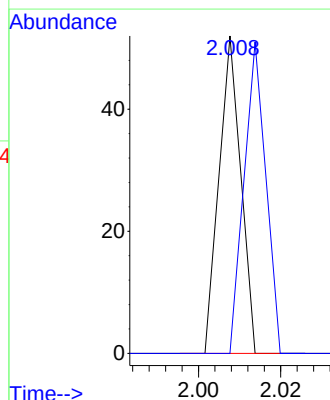
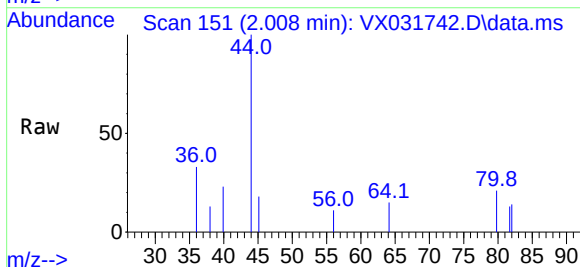
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

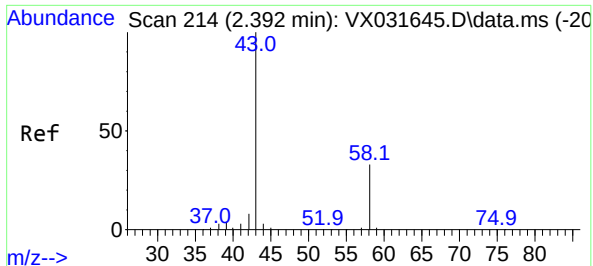
Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#



#13
Acrolein
Concen: Below Cal
RT: 2.008 min Scan# 151
Delta R.T. -0.231 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 100.0 56.0 84.0#

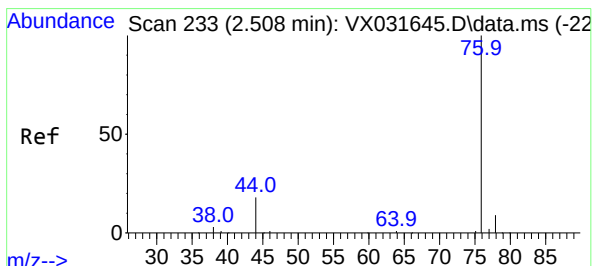
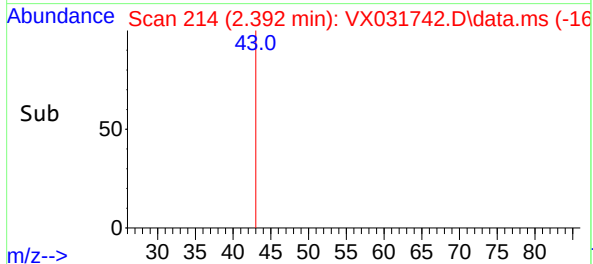
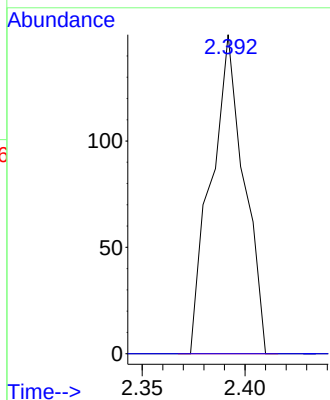
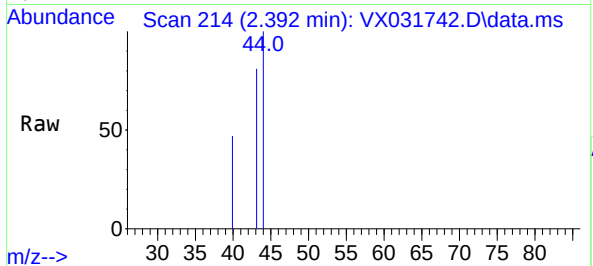




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

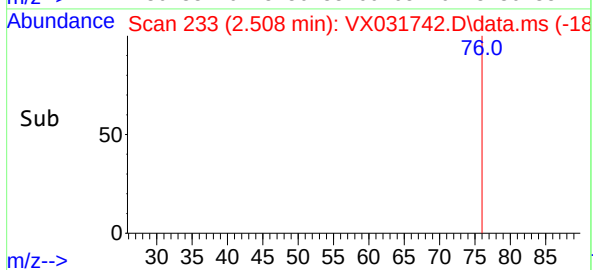
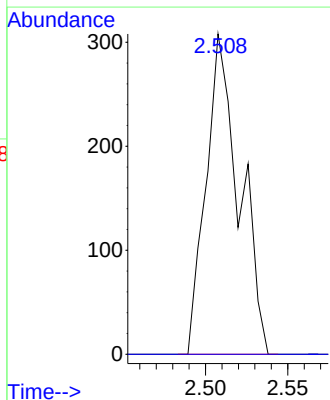
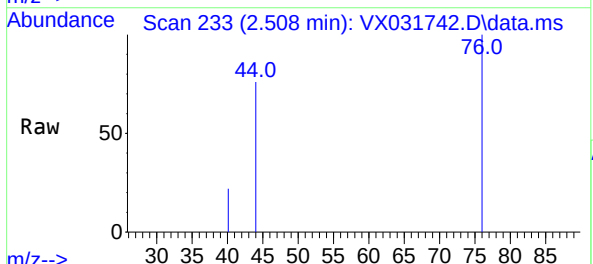
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

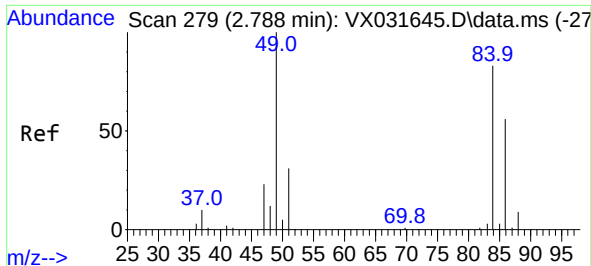
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 76 Resp: 433
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

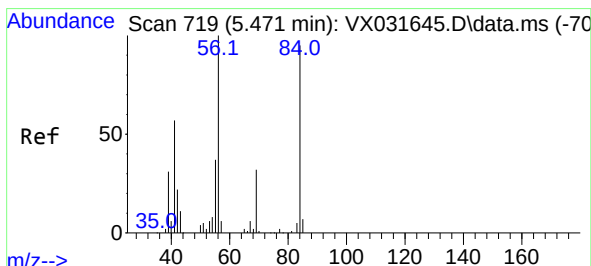
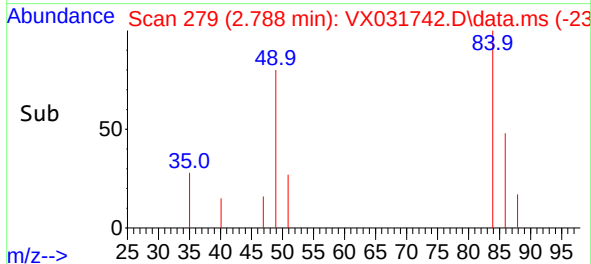
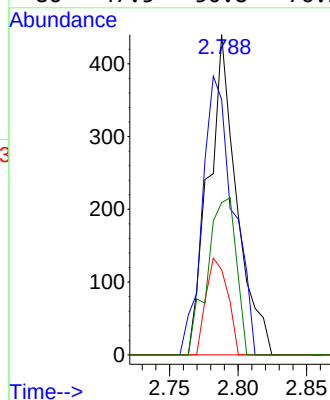
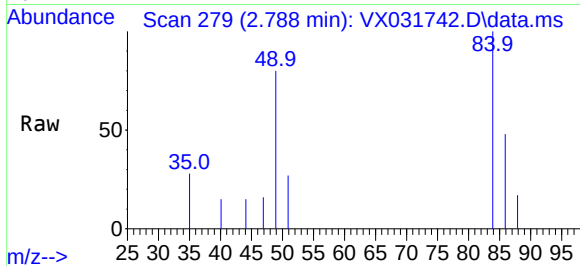




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

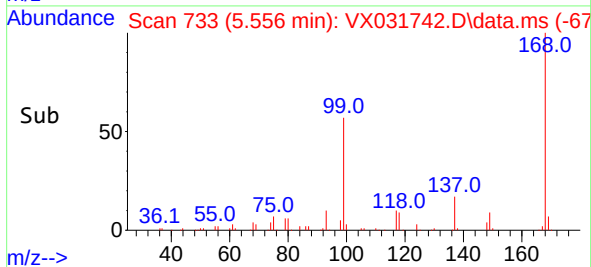
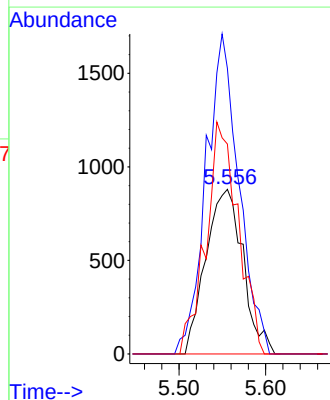
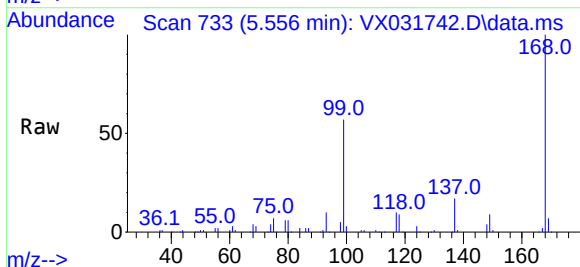
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

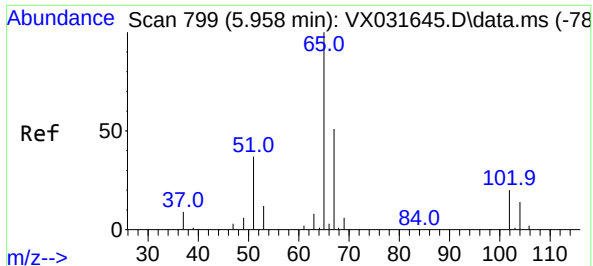
Tgt Ion:	84	Resp:	631
Ion	Ratio	Lower	Upper
84	100		
49	79.8	105.9	158.9#
51	26.6	32.2	48.2#
86	47.5	50.8	76.2#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion:	56	Resp:	2626
Ion	Ratio	Lower	Upper
56	100		
69	173.4	25.1	37.7#
84	127.5	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 52.858 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031742.D

Acq: 28 Sep 2022 22:17

Instrument :

MSVOA_X

ClientSampleId :

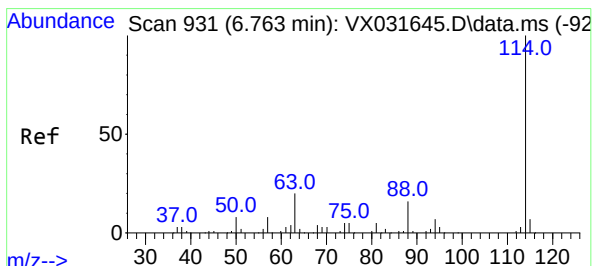
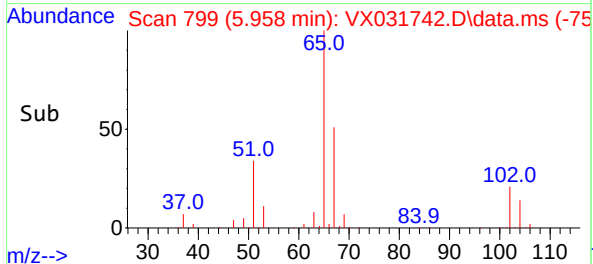
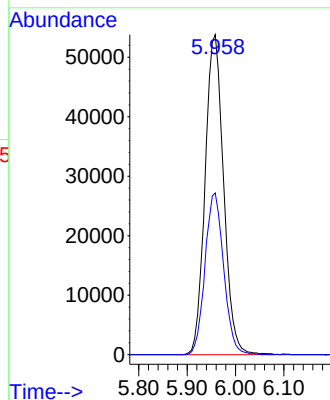
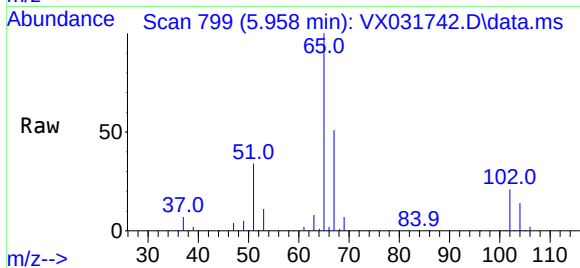
VX0928WBL02

Tgt Ion: 65 Resp: 143025

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX031742.D

Acq: 28 Sep 2022 22:17

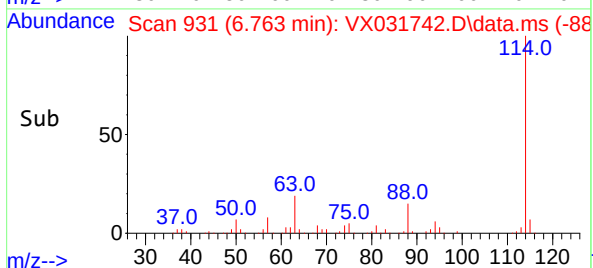
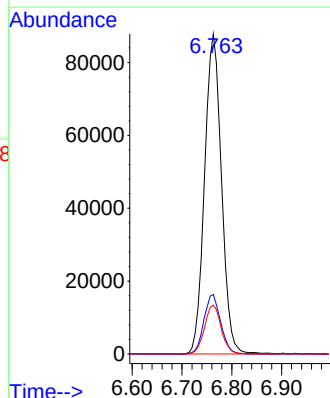
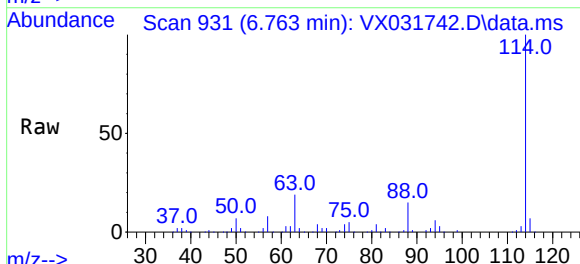
Tgt Ion: 114 Resp: 207104

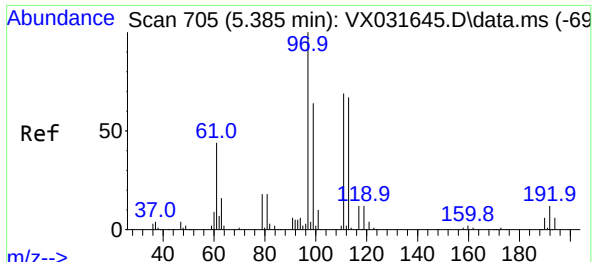
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.6

88 15.3 0.0 33.0

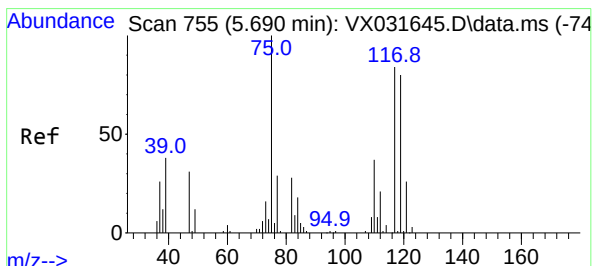
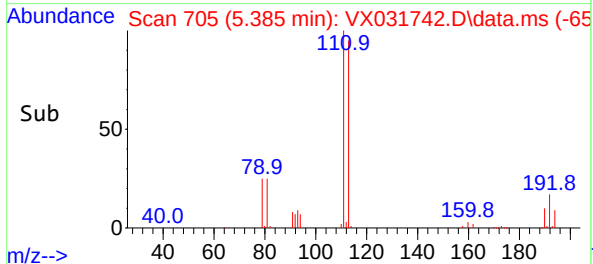
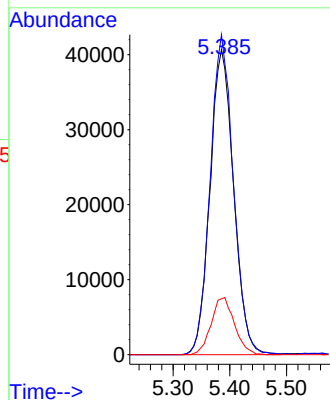
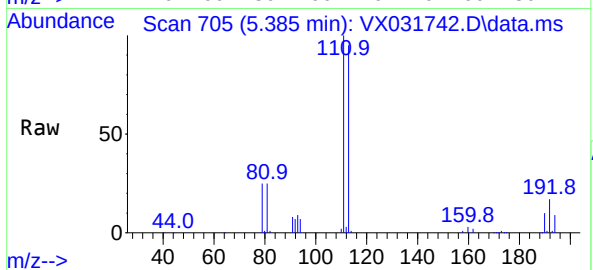




#35
Dibromofluoromethane
Concen: 47.728 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

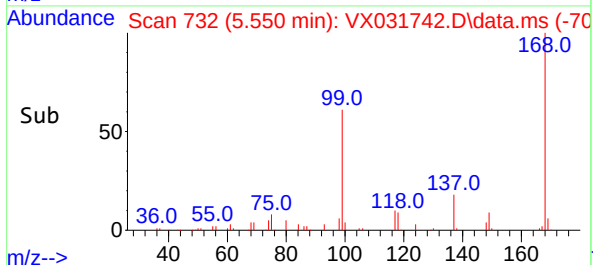
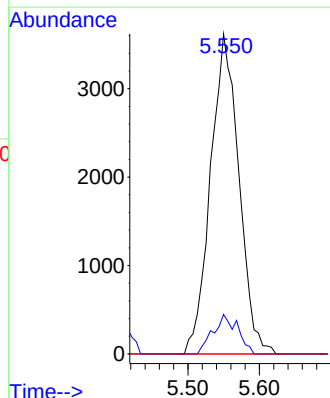
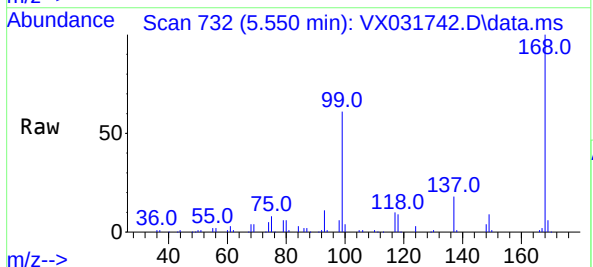
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

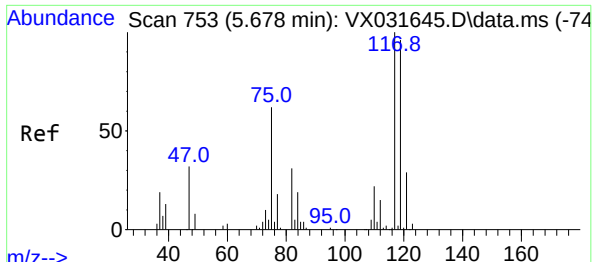
Tgt Ion:113 Resp: 117778
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 18.4 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.523 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

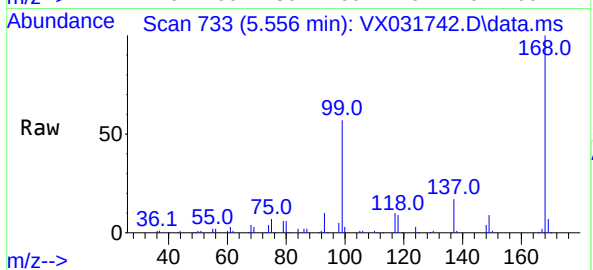
Tgt Ion: 75 Resp: 9985
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.9 37.3#



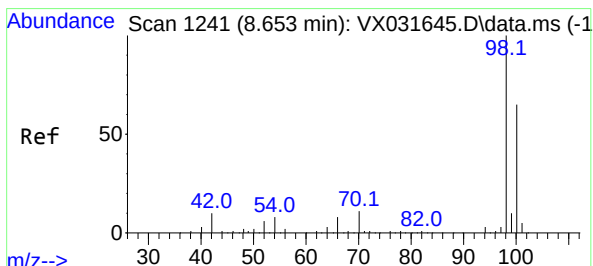
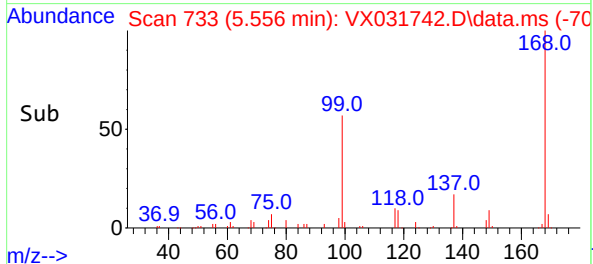
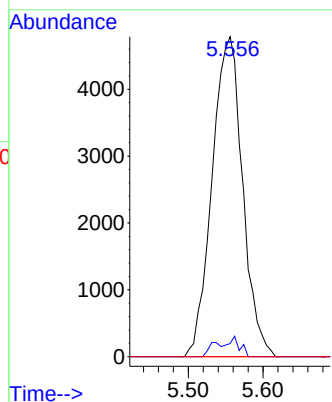


#38
Carbon Tetrachloride
Concen: 4.245 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

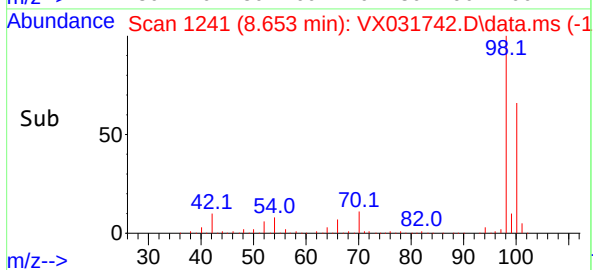
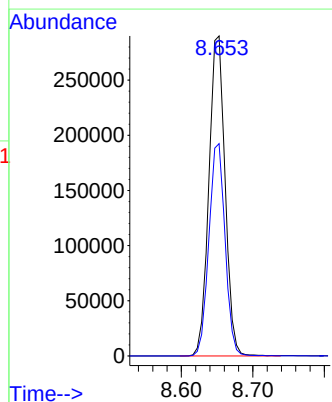
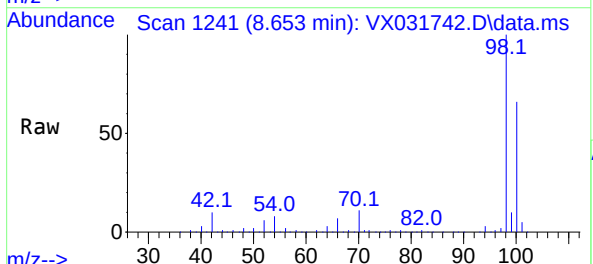


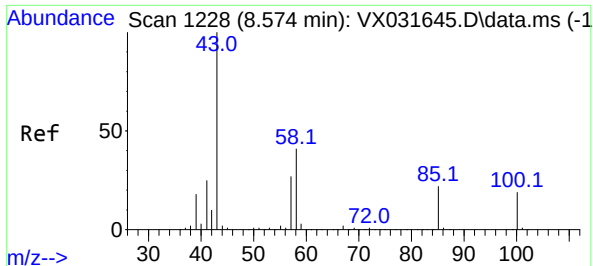
Tgt Ion:117 Resp: 13559
Ion Ratio Lower Upper
117 100
119 4.1 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 50.987 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 98 Resp: 456146
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

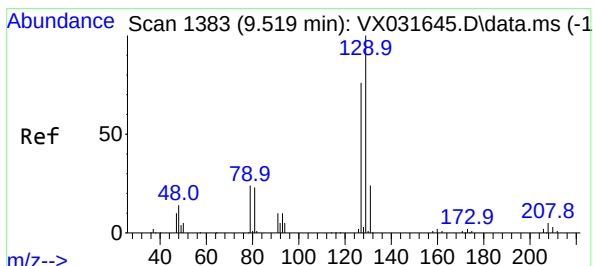
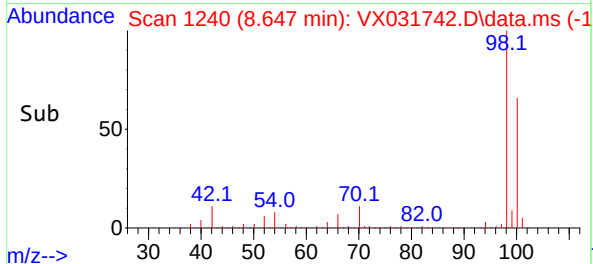
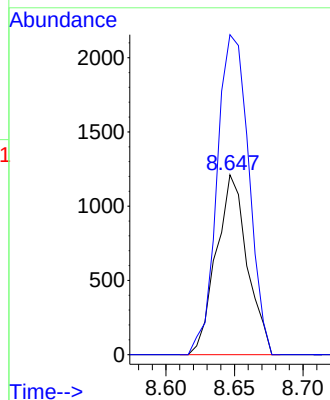
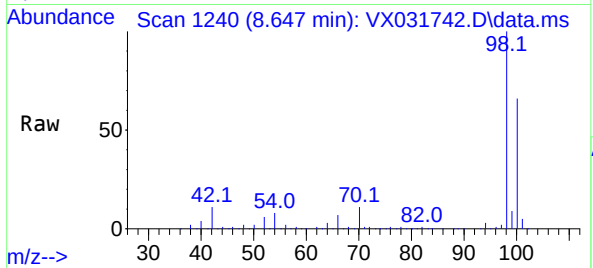




#51
4-Methyl-2-Pentanone
Concen: 0.670 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

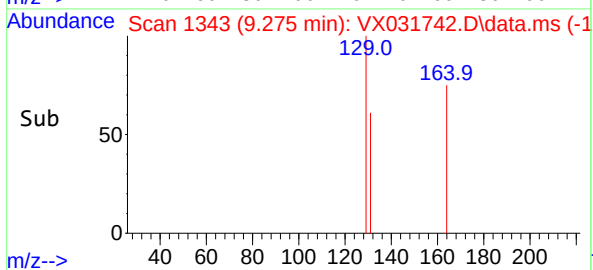
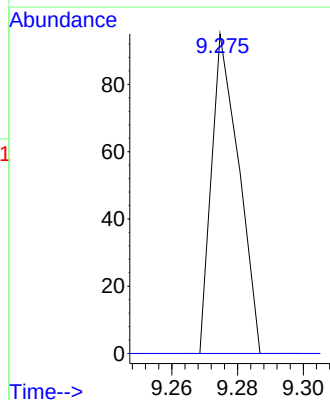
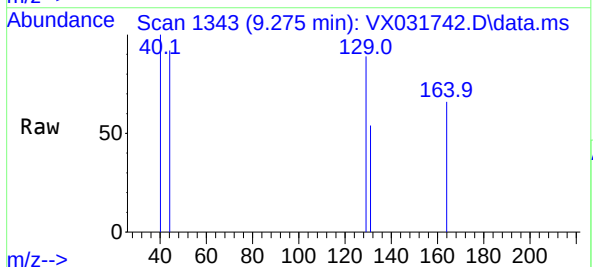
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

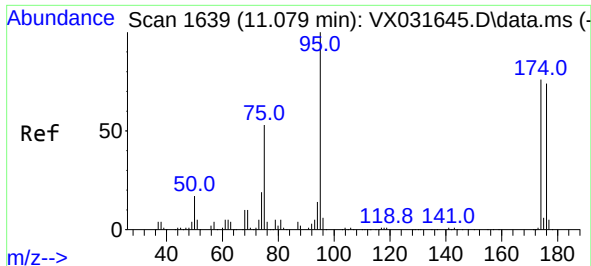
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
58 182.1 30.6 46.0#



#60
Dibromochloromethane
Concen: 1.559 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

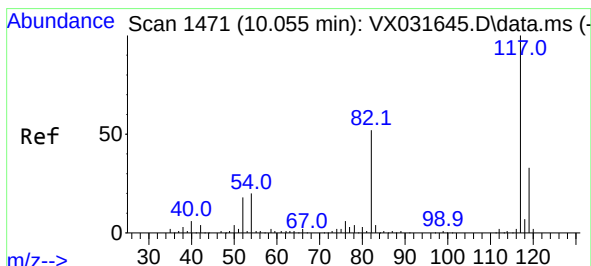
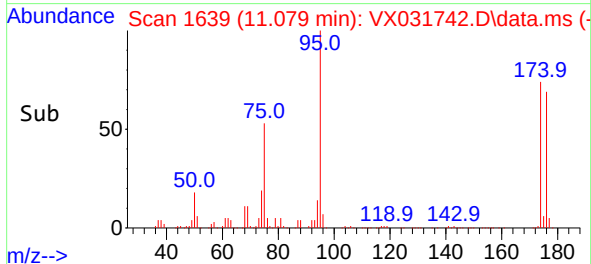
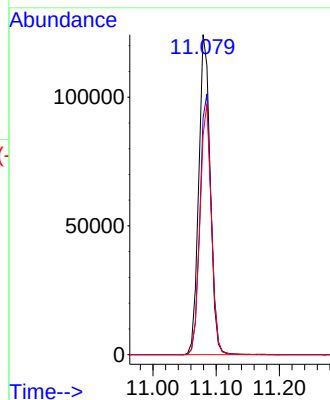
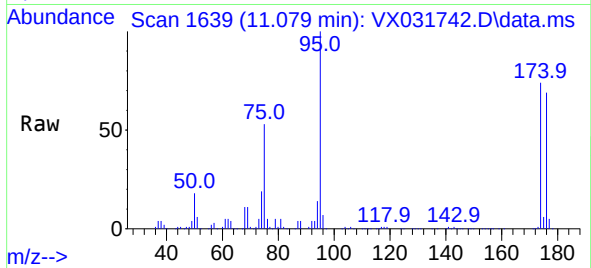




#62
4-Bromofluorobenzene
Concen: 47.843 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

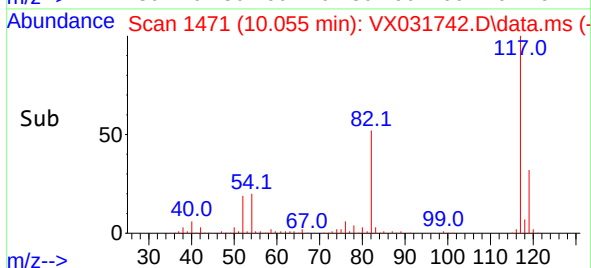
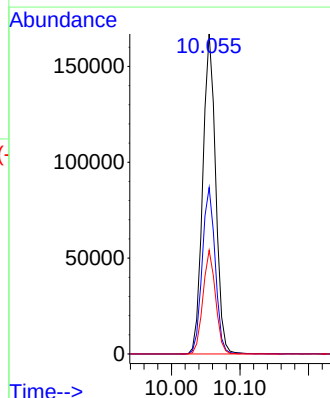
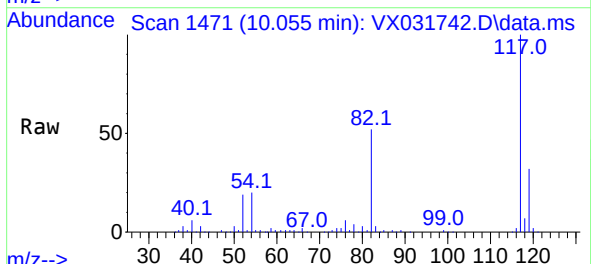
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

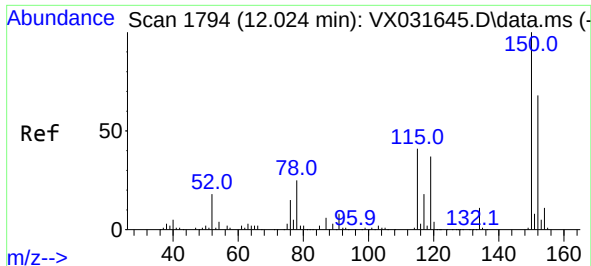
Tgt Ion: 95 Resp: 156877
Ion Ratio Lower Upper
95 100
174 80.7 0.0 153.2
176 77.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 117 Resp: 219433
Ion Ratio Lower Upper
117 100
82 52.0 46.8 70.2
119 32.4 26.4 39.6

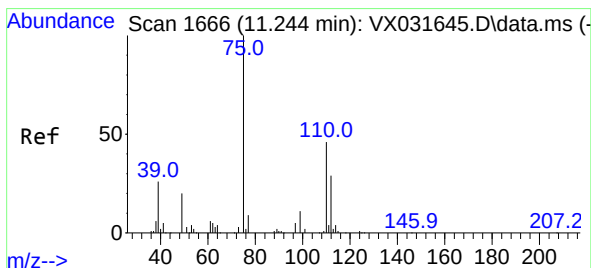
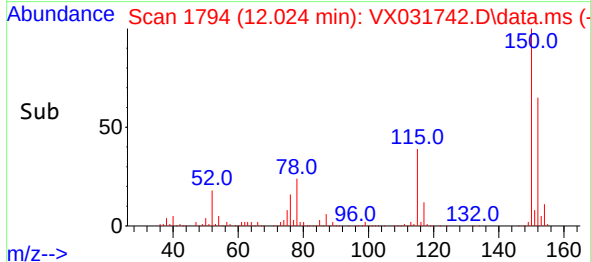
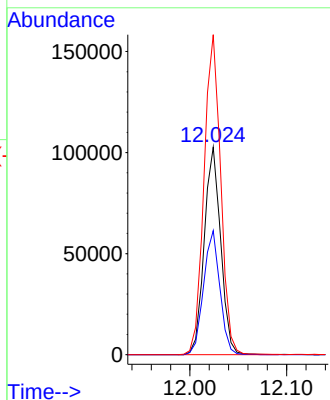
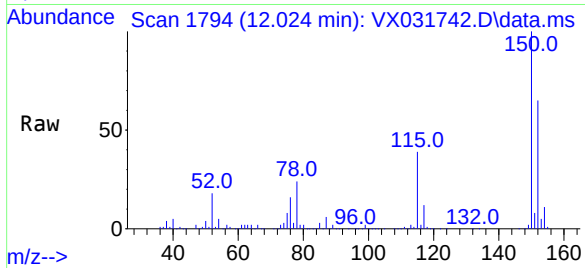




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

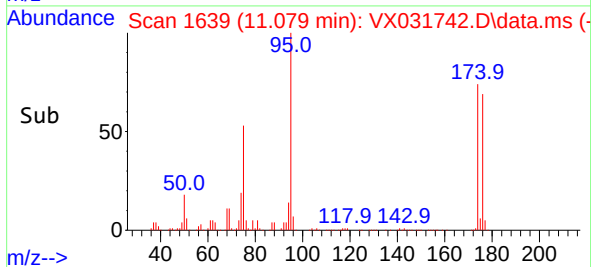
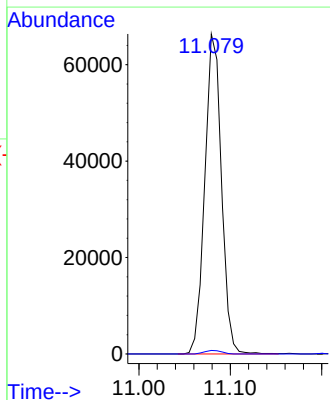
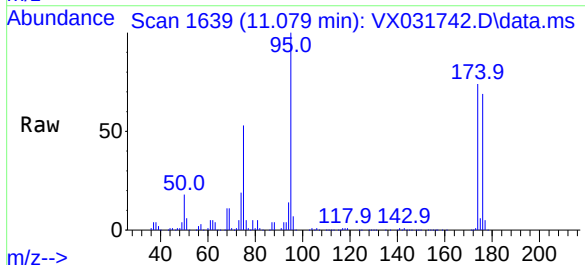
Instrument :
MSVOA_X
ClientSampleId :
VX0928WBL02

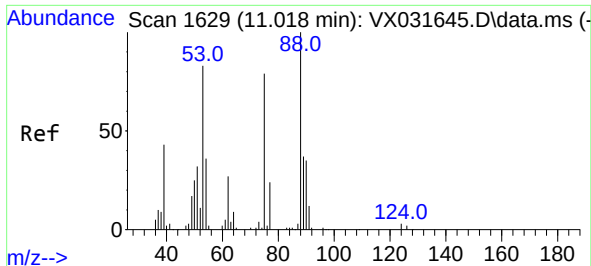
Tgt Ion:152 Resp: 121617
Ion Ratio Lower Upper
152 100
115 59.3 43.4 130.1
150 156.8 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 37.968 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031742.D
Acq: 28 Sep 2022 22:17

Tgt Ion: 75 Resp: 83712
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.337 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031742.D
 Acq: 28 Sep 2022 22:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBL02

Tgt Ion: 75 Resp: 83712
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

