

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031074.D
 Acq On : 02 Sep 2022 17:59
 Operator : JC/MD
 Sample : N4281-02DL 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 03 00:50:56 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)

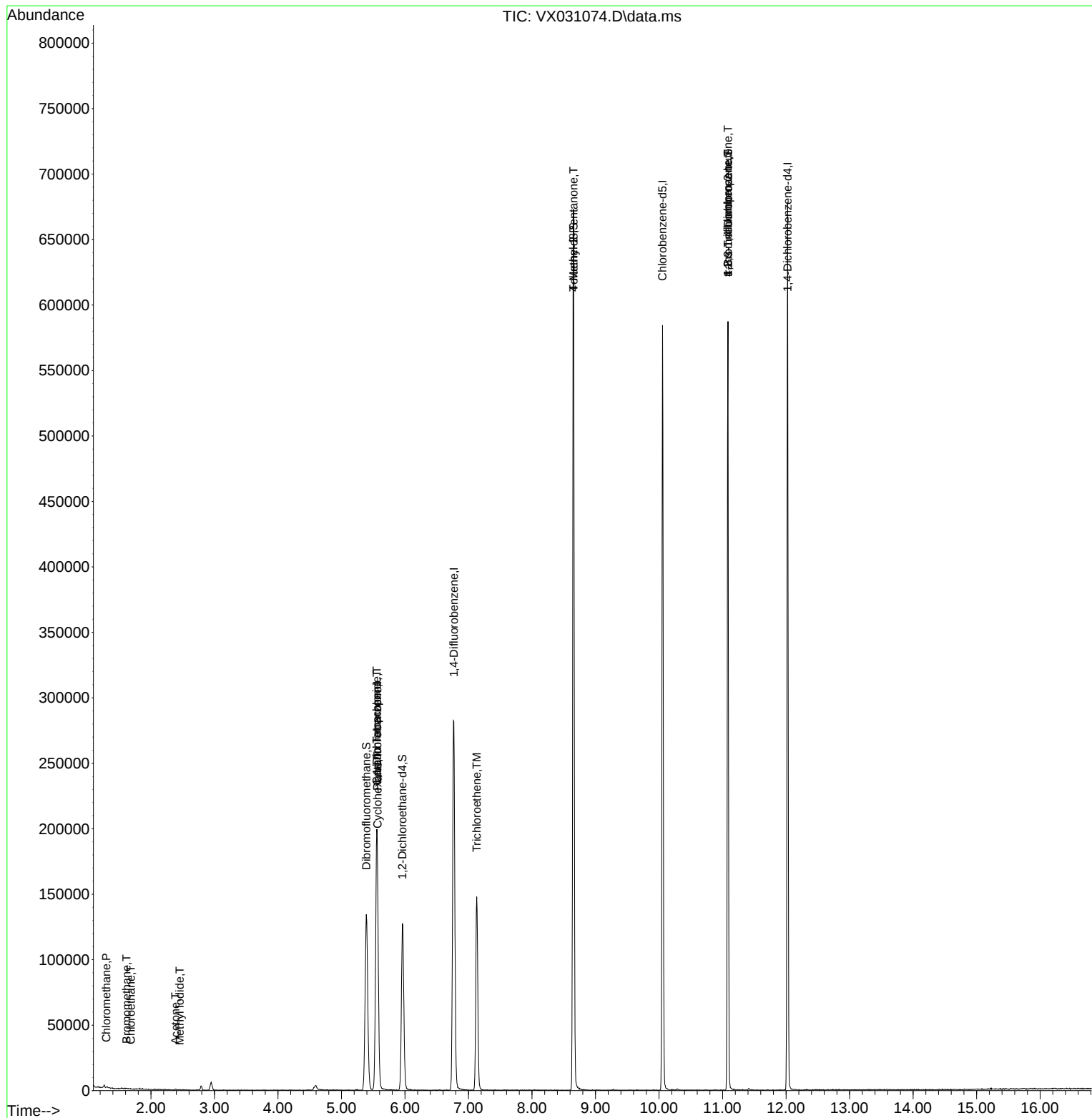
Internal Standards						
1) Pentafluorobenzene	5.562	168	201903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	328247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	292838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	147055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	123993	47.729	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.460%		
35) Dibromofluoromethane	5.391	113	121176	50.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.180%		
50) Toluene-d8	8.653	98	433597	49.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.360%		
62) 4-Bromofluorobenzene	11.085	95	150968	48.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.960%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	201	0.800	ug/l #	42
5) Bromomethane	1.618	94	316	0.326	ug/l	85
6) Chloroethane	1.685	64	225	1.876	ug/l #	41
10) Methyl Iodide	2.453	142	58	2.932	ug/l #	45
11) Tert butyl alcohol	2.947	59	3194	Below Cal	#	74
16) Acetone	2.386	43	698	0.696	ug/l #	65
20) Methylene Chloride	2.794	84	1629	Below Cal	#	59
31) Cyclohexane	5.568	56	3268	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13579	4.047	ug/l #	49
38) Carbon Tetrachloride	5.556	117	19846	5.698	ug/l #	19
44) Trichloroethene	7.129	130	63476	20.818	ug/l	99
51) 4-Methyl-2-Pentanone	8.653	43	1345	0.459	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	69043	19.861	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	69043	62.419	ug/l #	13

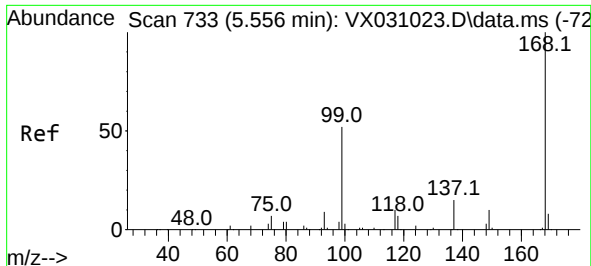
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
Data File : VX031074.D
Acq On : 02 Sep 2022 17:59
Operator : JC/MD
Sample : N4281-02DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

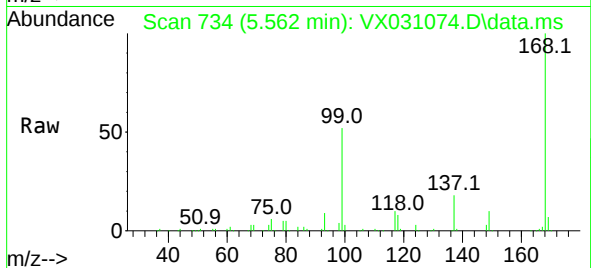
Quant Time: Sep 03 00:50:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration



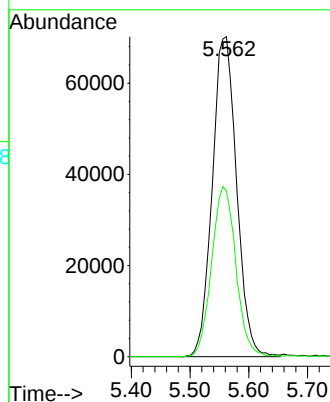
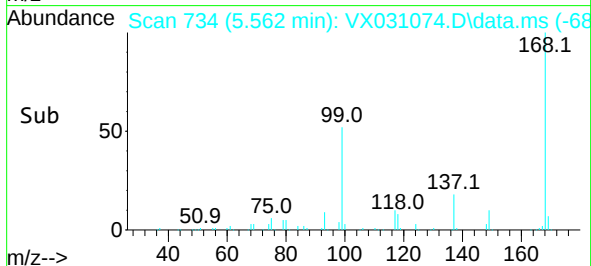


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

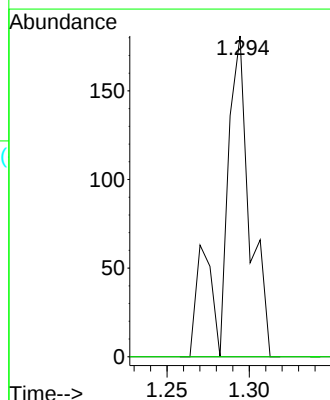
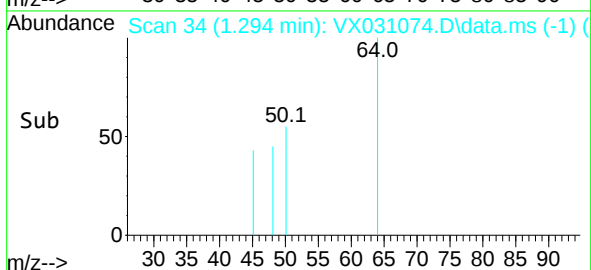
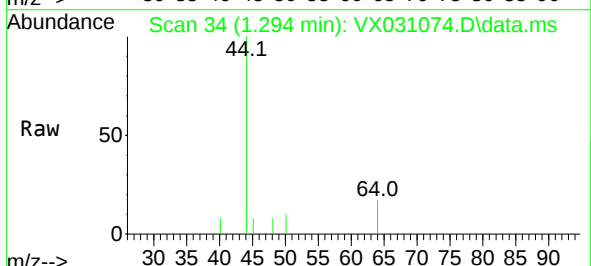


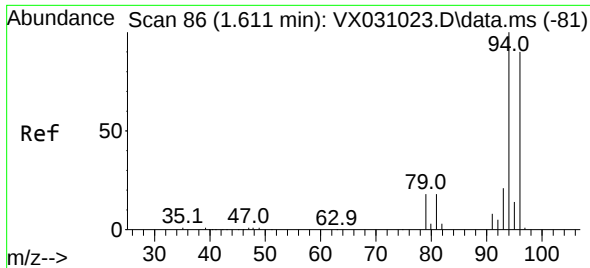
Tgt Ion:168 Resp: 201903
Ion Ratio Lower Upper
168 100
99 51.9 44.0 66.0



#3
Chloromethane
Concen: 0.800 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 50 Resp: 201
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

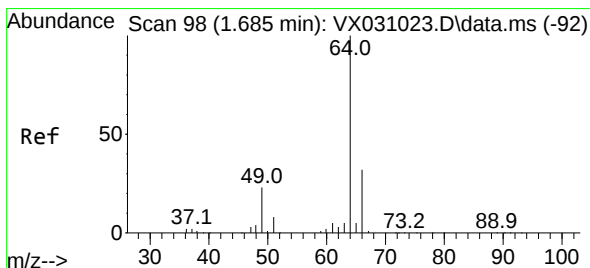
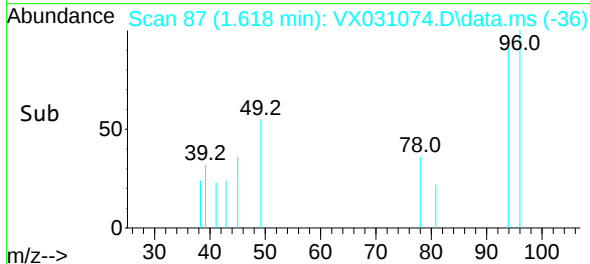
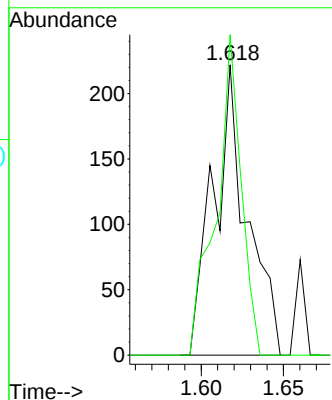
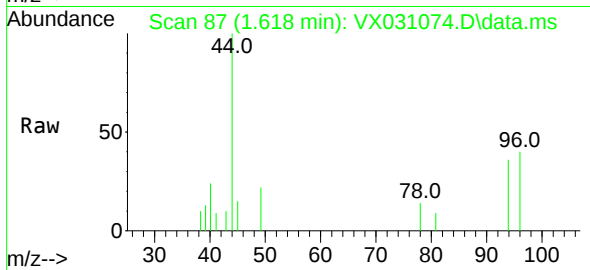




#5
Bromomethane
Concen: 0.326 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

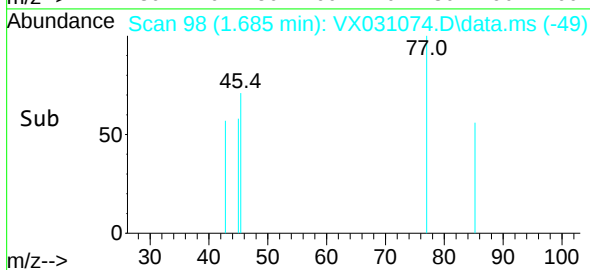
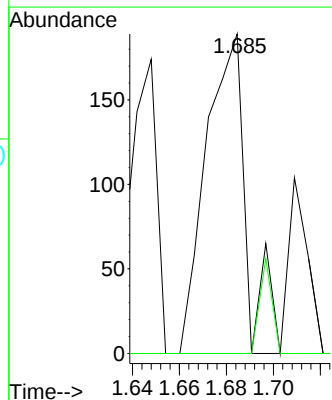
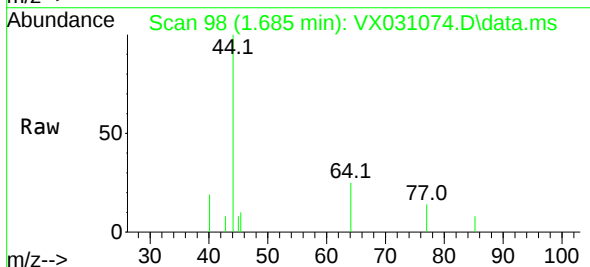
Instrument :
MSVOA_X
ClientSampleId :

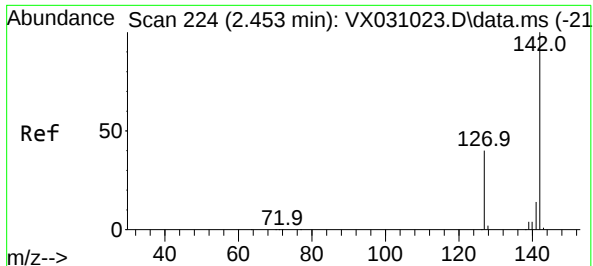
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 110.4 76.9 115.3



#6
Chloroethane
Concen: 1.876 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

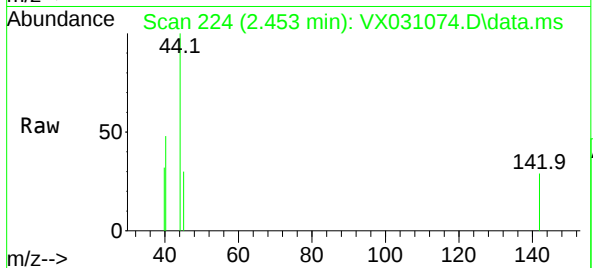
Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



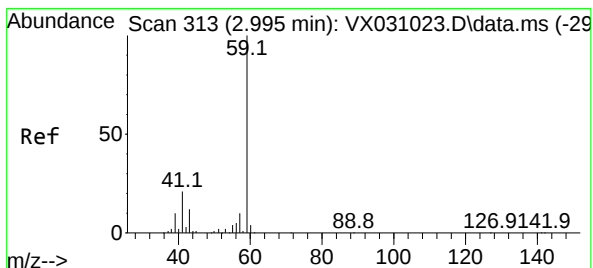
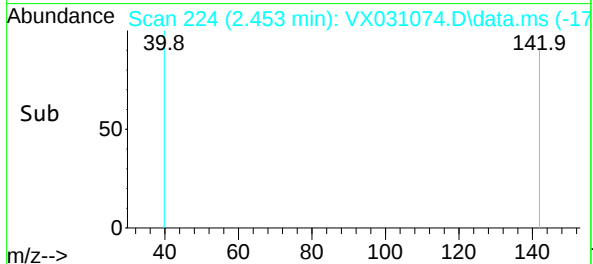
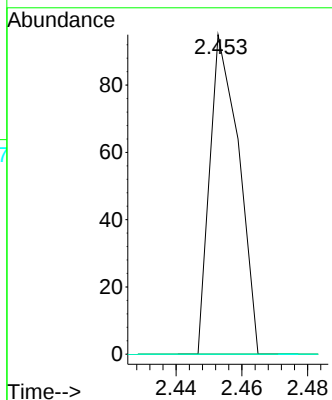


#10
Methyl Iodide
Concen: 2.932 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

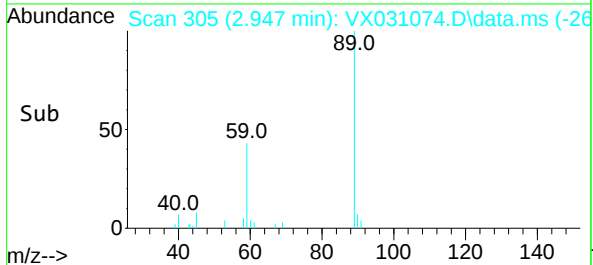
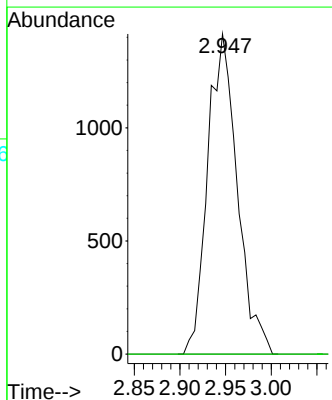
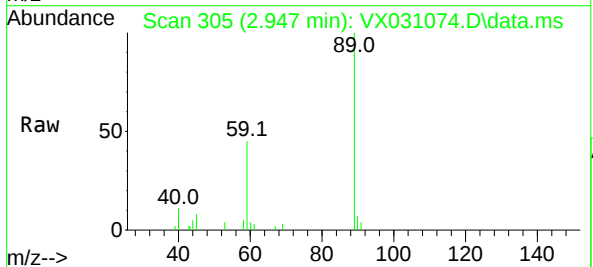


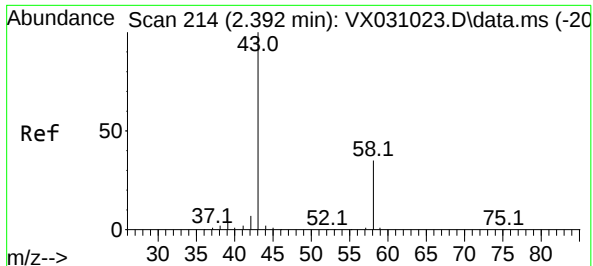
Tgt Ion:142 Resp: 58
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 59 Resp: 3194
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

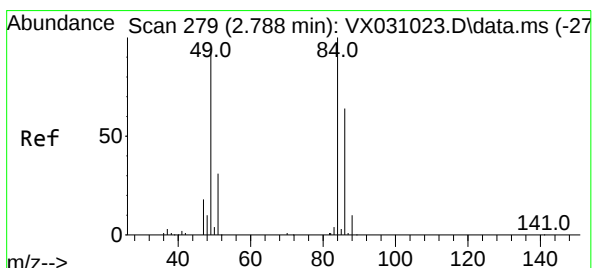
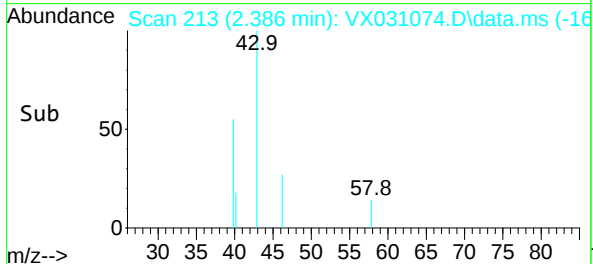
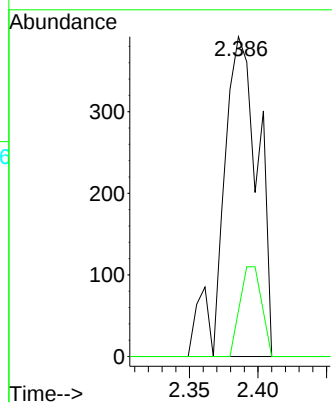
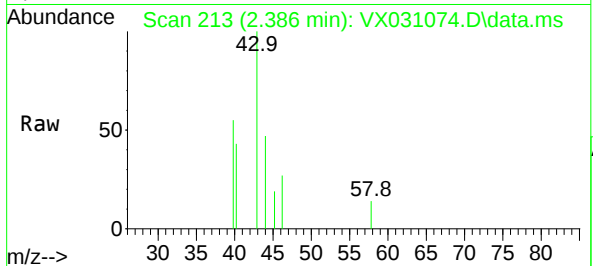




#16
Acetone
Concen: 0.696 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

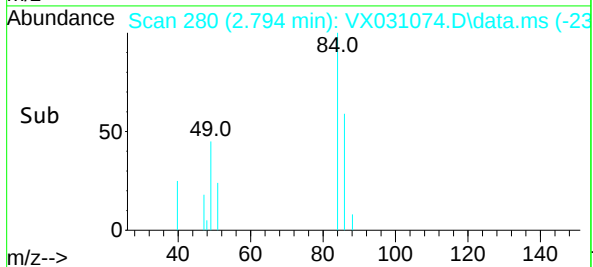
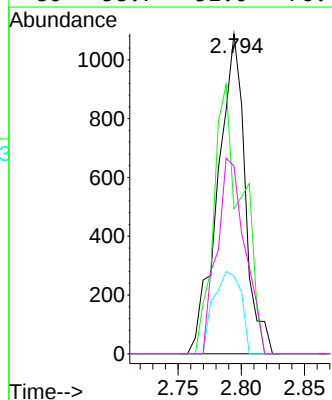
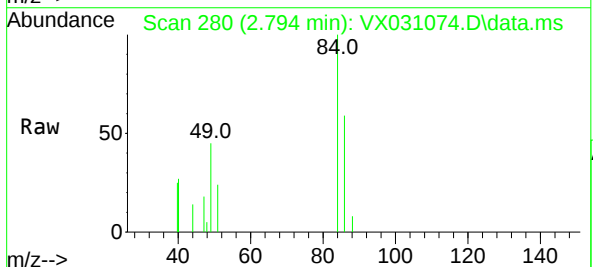
Instrument :
MSVOA_X
ClientSampleId :

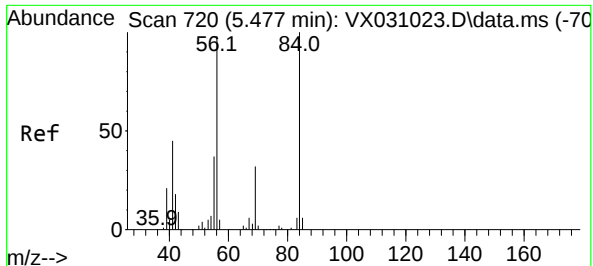
Tgt Ion: 43 Resp: 698
Ion Ratio Lower Upper
43 100
58 14.3 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

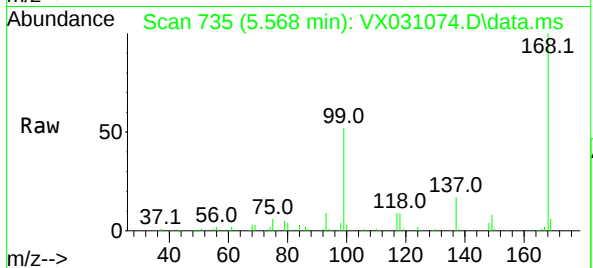
Tgt Ion: 84 Resp: 1629
Ion Ratio Lower Upper
84 100
49 45.4 93.8 140.6#
51 24.3 29.4 44.0#
86 58.7 51.0 76.4



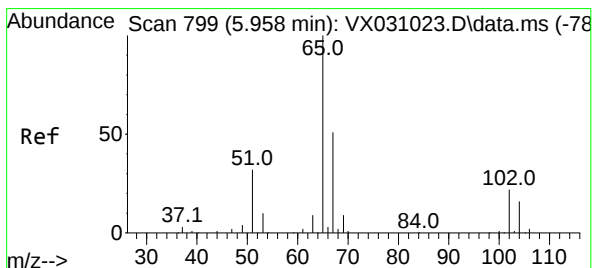
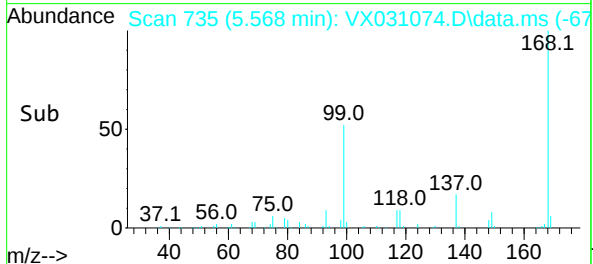
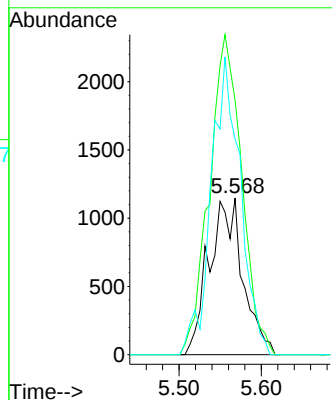


#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.091 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

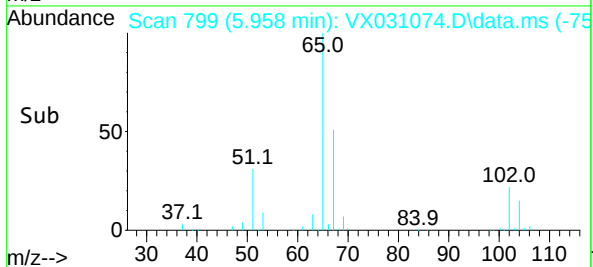
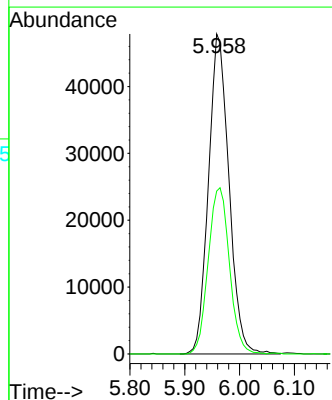
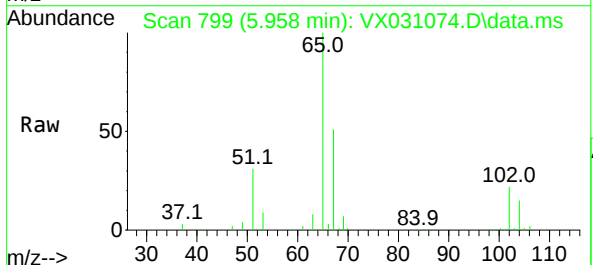


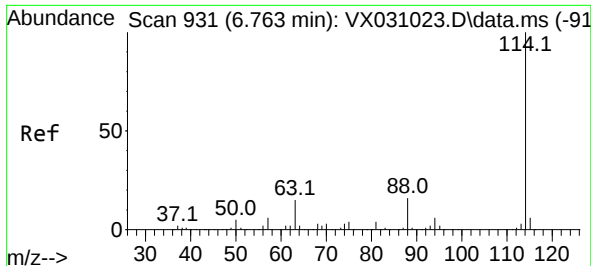
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 162.5 25.4 38.0#
84 137.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.729 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 65 Resp: 123993
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

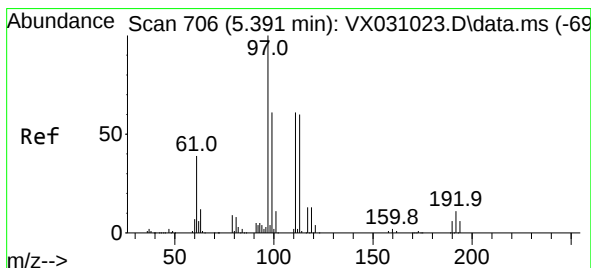
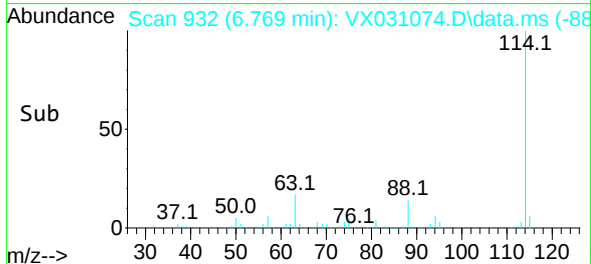
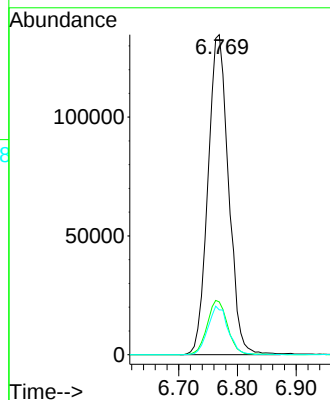
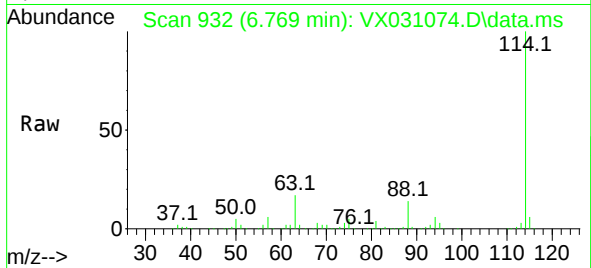




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

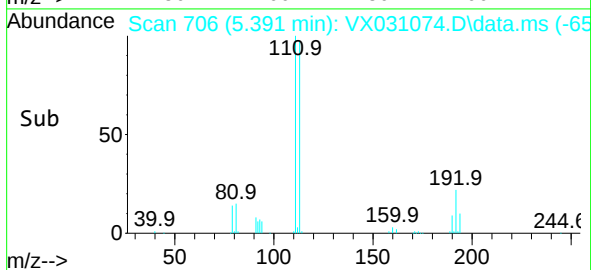
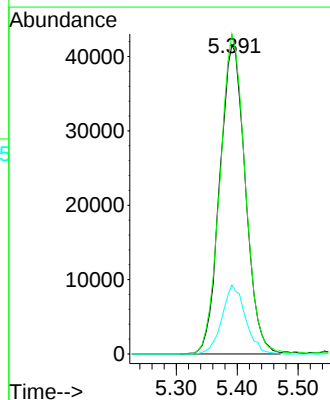
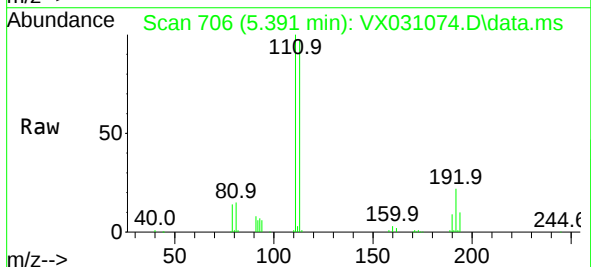
Instrument :
MSVOA_X
ClientSampleId :

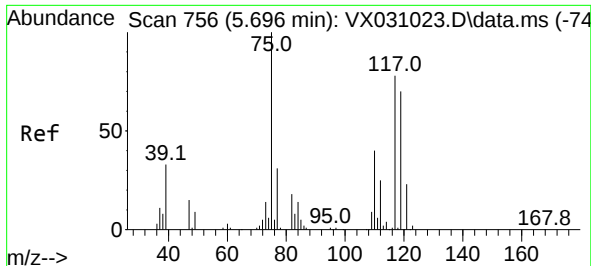
Tgt Ion:114 Resp: 328247
Ion Ratio Lower Upper
114 100
63 16.5 0.0 38.4
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.586 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

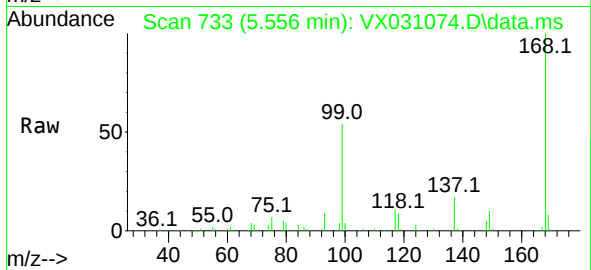
Tgt Ion:113 Resp: 121176
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 20.5 14.8 22.2



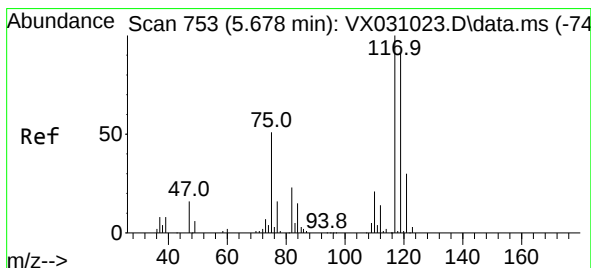
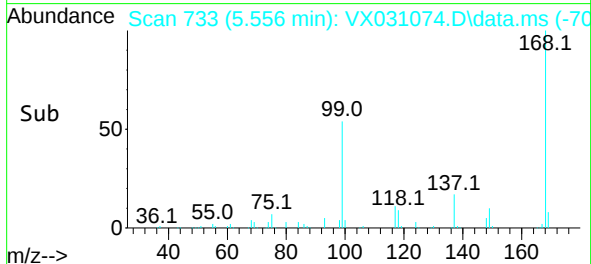
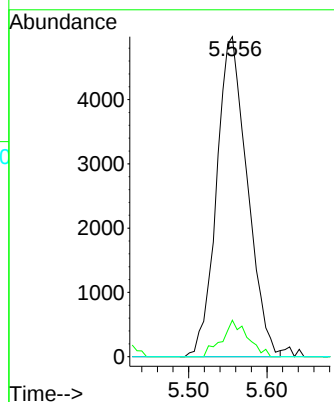


#36
1,1-Dichloropropene
Concen: 4.047 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

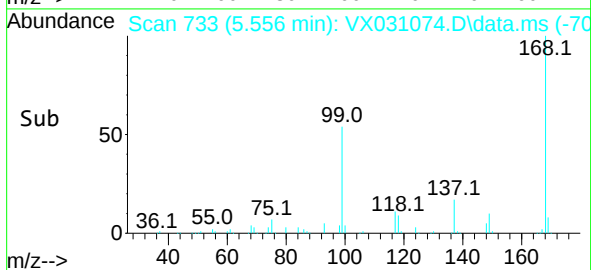
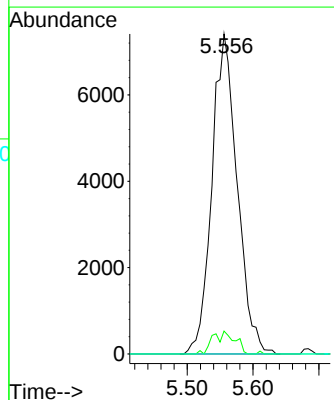
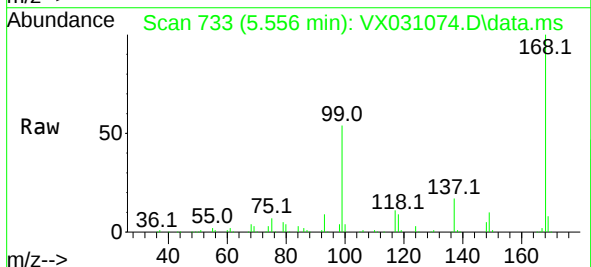


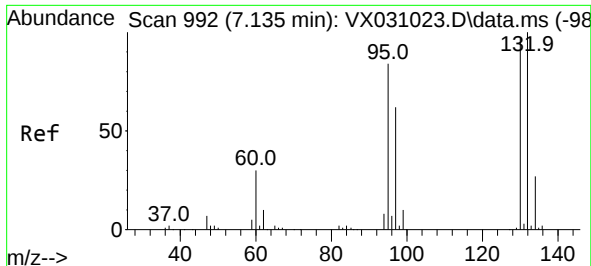
Tgt Ion: 75 Resp: 13579
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.698 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 117 Resp: 19846
Ion Ratio Lower Upper
117 100
119 7.2 74.1 111.1#
121 0.0 25.8 38.8#

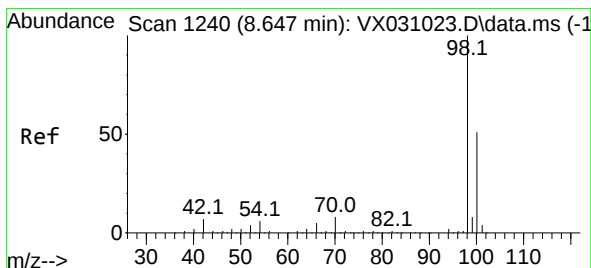
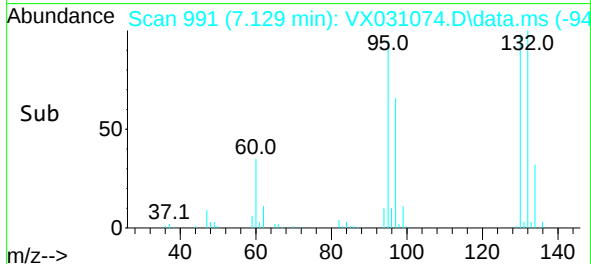
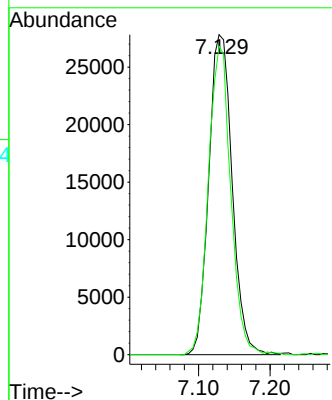
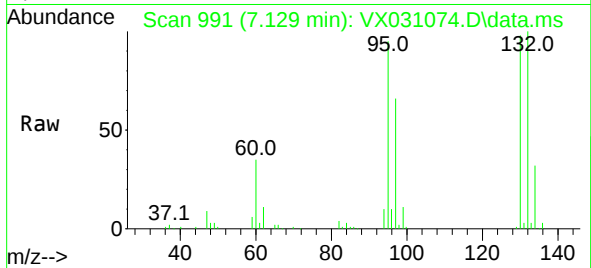




#44
Trichloroethene
Concen: 20.818 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

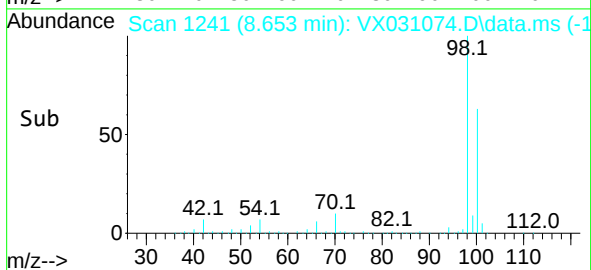
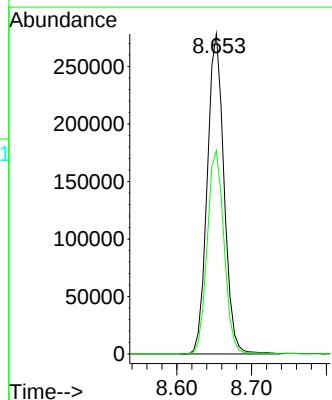
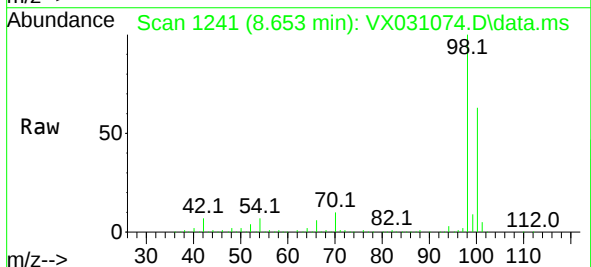
Instrument :
MSVOA_X
ClientSampleId :

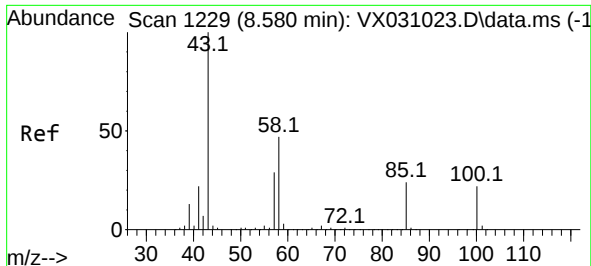
Tgt Ion:130 Resp: 63476
Ion Ratio Lower Upper
130 100
95 96.4 0.0 194.8



#50
Toluene-d8
Concen: 49.183 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 98 Resp: 433597
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5

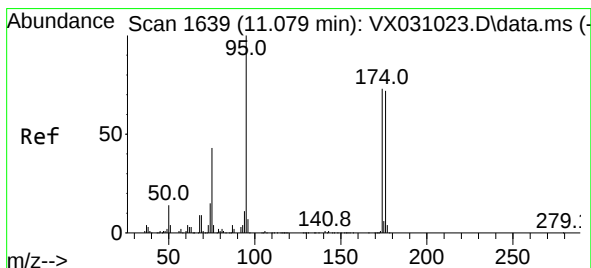
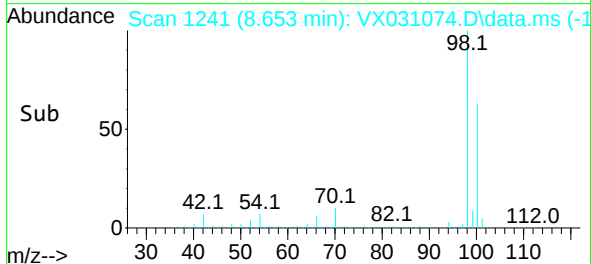
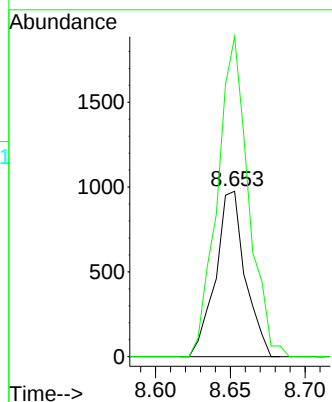
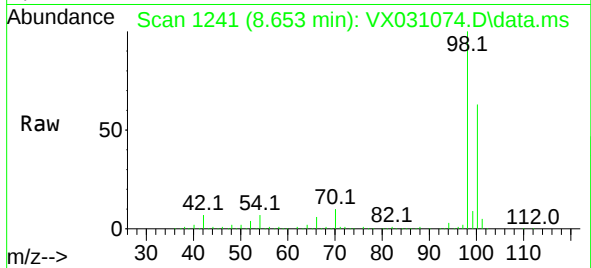




#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

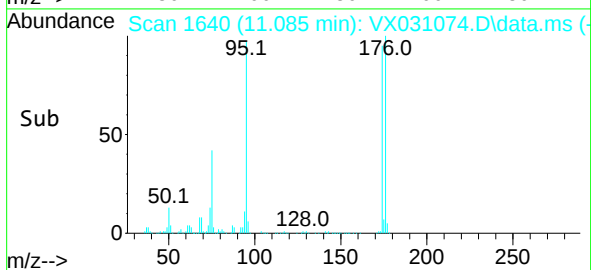
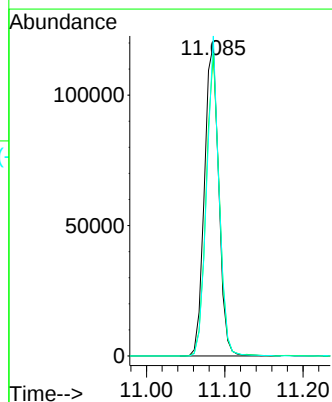
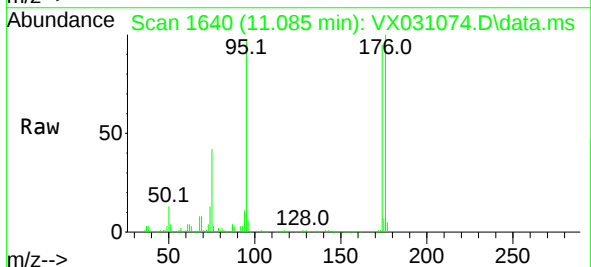
Instrument :
MSVOA_X
ClientSampleId :

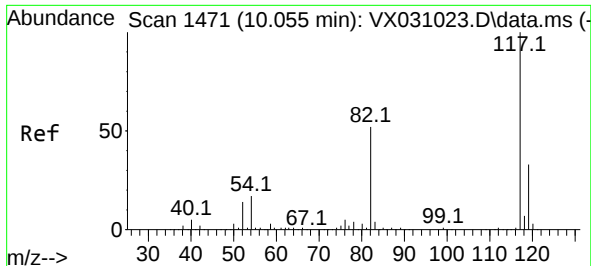
Tgt Ion: 43 Resp: 1345
Ion Ratio Lower Upper
43 100
58 203.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 48.483 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 95 Resp: 150968
Ion Ratio Lower Upper
95 100
174 88.9 0.0 149.0
176 88.8 0.0 146.0

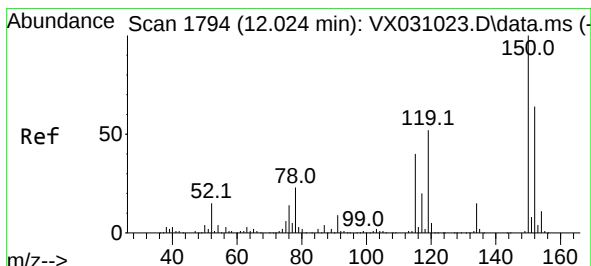
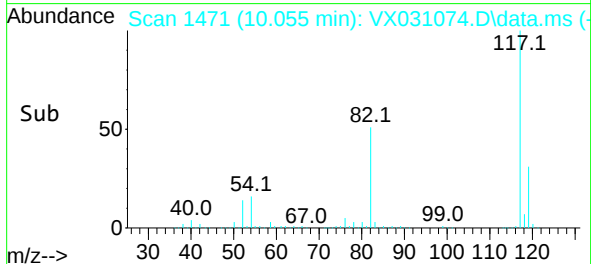
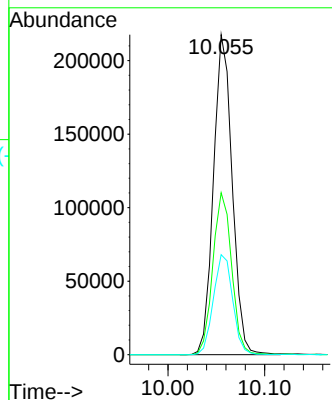
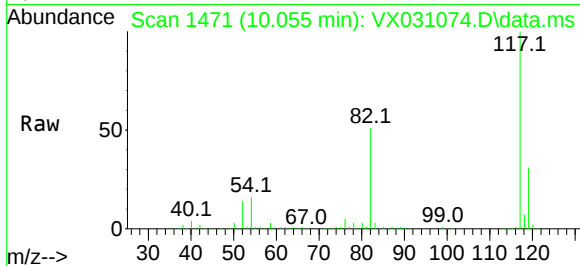




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

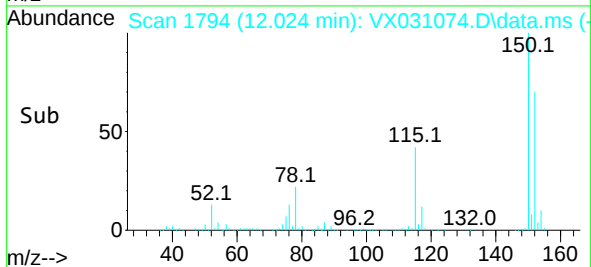
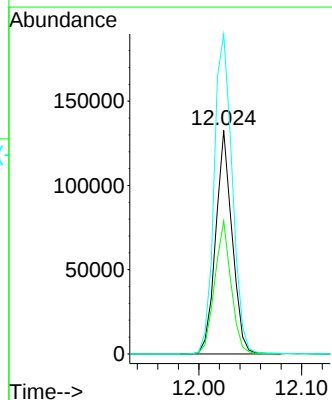
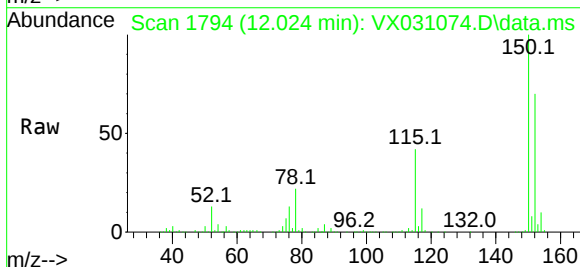
Instrument :
MSVOA_X
ClientSampleId :

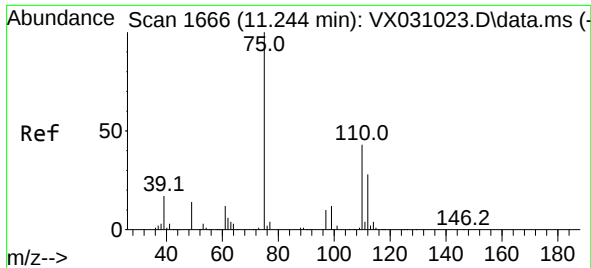
Tgt Ion:117 Resp: 292838
Ion Ratio Lower Upper
117 100
82 50.6 42.7 64.1
119 31.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion:152 Resp: 147055
Ion Ratio Lower Upper
152 100
115 59.5 40.5 121.5
150 157.9 0.0 347.0

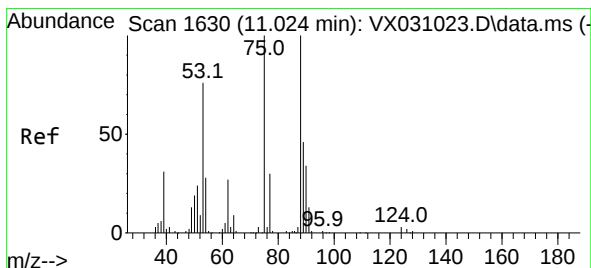
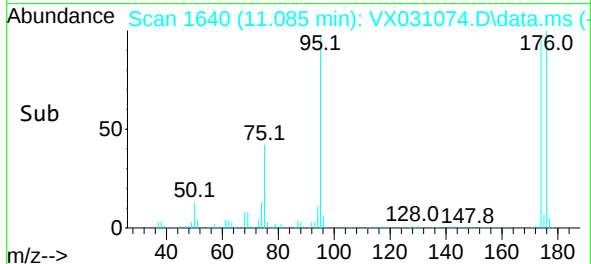
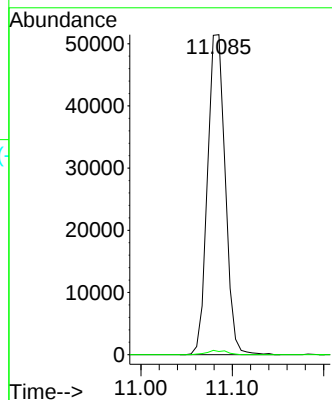
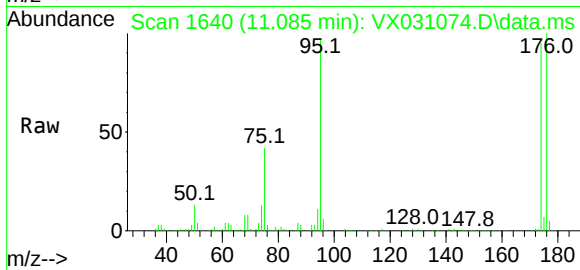




#76
1,2,3-Trichloropropane
Concen: 19.861 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 69043
Ion Ratio Lower Upper
75 100
77 1.5 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.419 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX031074.D
Acq: 02 Sep 2022 17:59

Tgt Ion: 75 Resp: 69043
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

