

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
 Data File : VX031813.D
 Acq On : 30 Sep 2022 15:45
 Operator : JC/MD
 Sample : VX0930WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0930WBL01

Quant Time: Oct 03 01:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 03 00:56:55 2022
 Response via : Initial Calibration

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

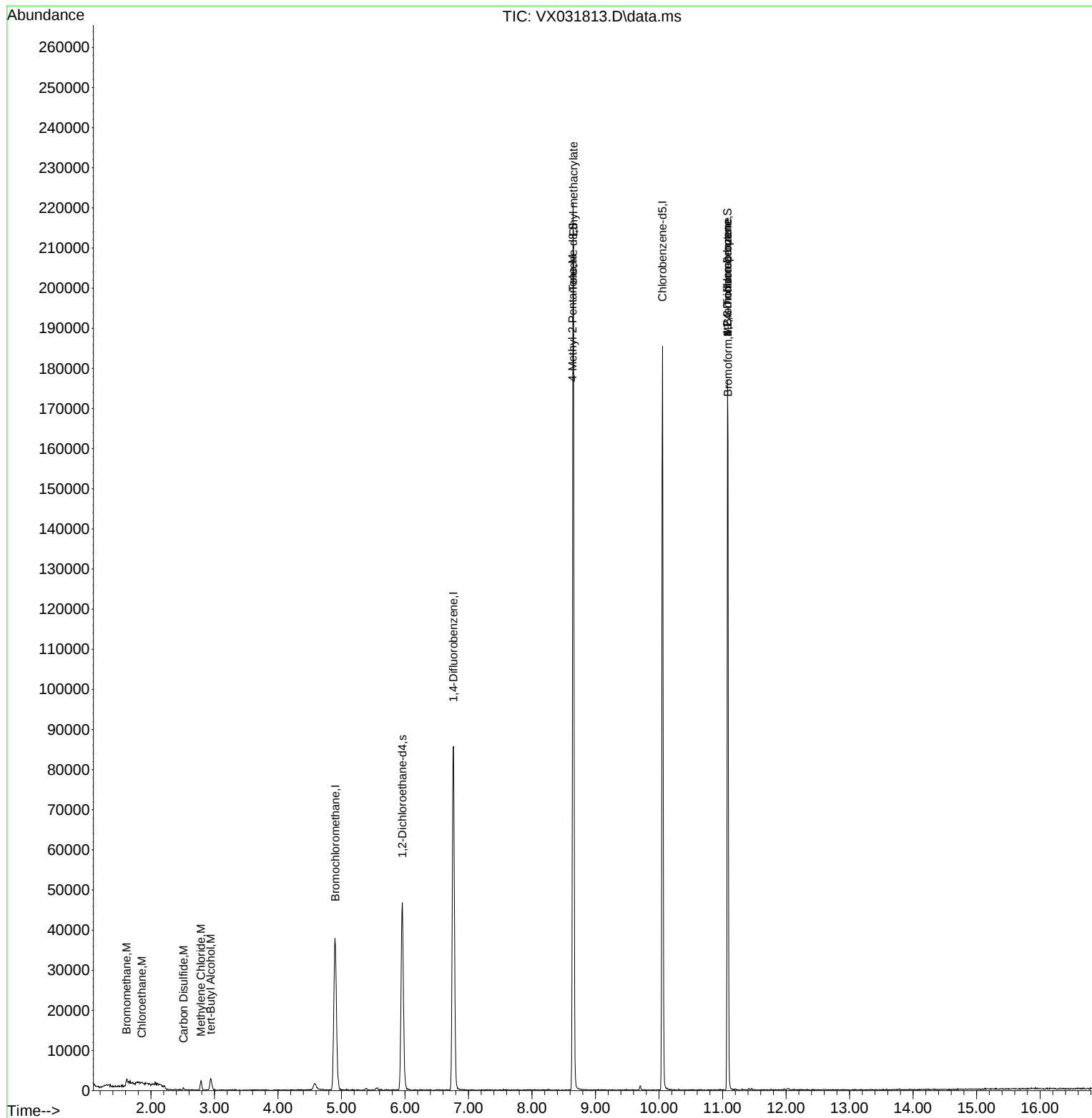
Internal Standards						
1) Bromochloromethane	4.903	128	17961	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	96283	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	86053	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	43393	32.099	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.000%
60) 4-Bromofluorobenzene	11.079	95	45164	28.358	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.533%
63) Toluene-d8	8.647	98	134797	30.834	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.767%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	580	0.602	ug/l #	74
6) Chloroethane	1.855	64	525	0.566	ug/l	93
16) Carbon Disulfide	2.514	76	645	0.298	ug/l #	74
18) Methylene Chloride	2.788	84	1080	0.957	ug/l #	89
23) tert-Butyl Alcohol	2.940	59	1675	9.397	ug/l #	100
51) Ethyl methacrylate	8.653	69	402	0.242	ug/l #	72
56) Bromoform	11.085	173	499	0.478	ug/l #	1
58) 4-Methyl-2-Pentanone	8.641	43	454	0.392	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	23029	15.791	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	23029	54.534	ug/l #	8

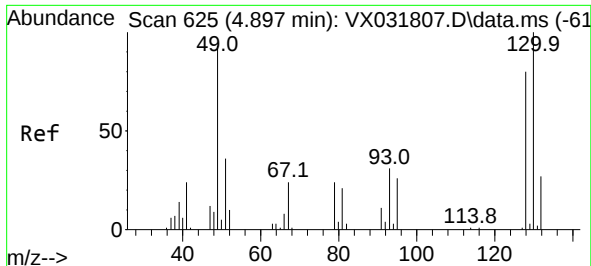
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093022\
Data File : VX031813.D
Acq On : 30 Sep 2022 15:45
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Sample : VX0930WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

Quant Time: Oct 03 01:12:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X093022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 03 00:56:55 2022
Response via : Initial Calibration

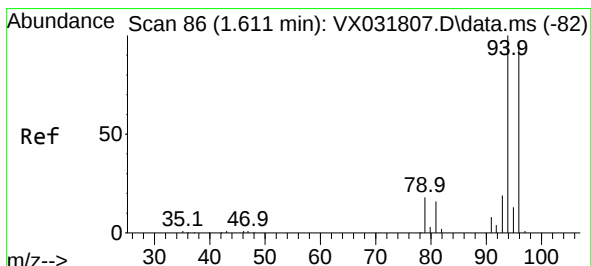
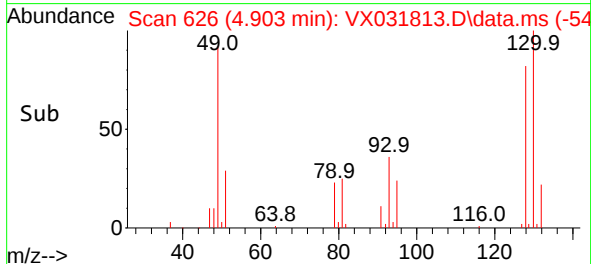
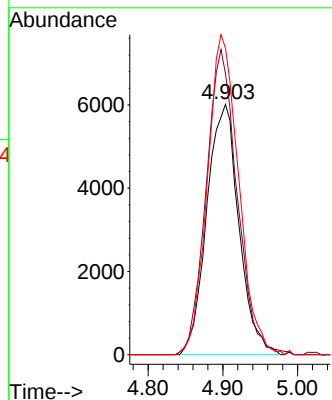
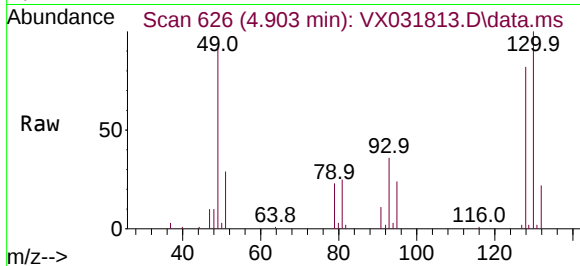




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

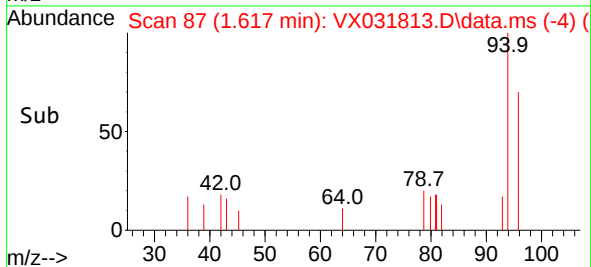
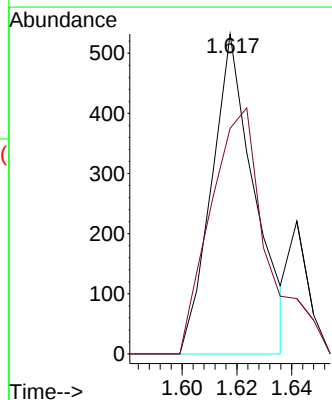
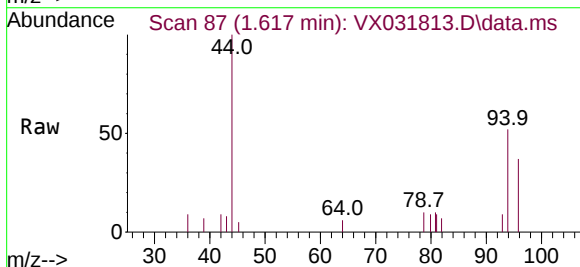
Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

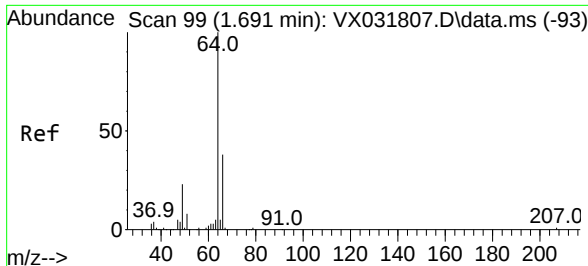
Tgt Ion:128 Resp: 17961
Ion Ratio Lower Upper
128 100
49 117.8 0.0 293.0
130 124.5 0.0 321.5



#5
Bromomethane
Concen: 0.602 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion: 94 Resp: 580
Ion Ratio Lower Upper
94 100
96 70.5 76.8 115.2#

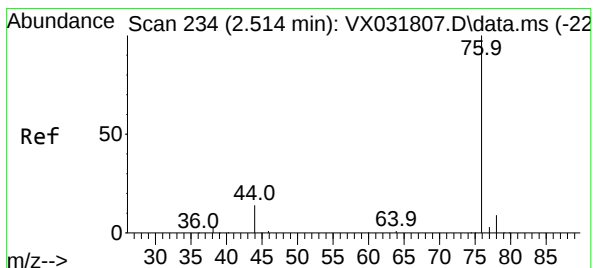
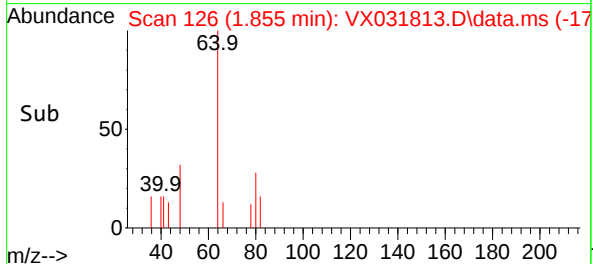
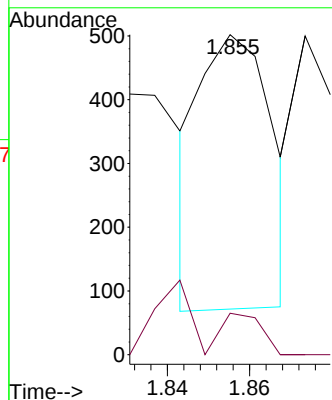
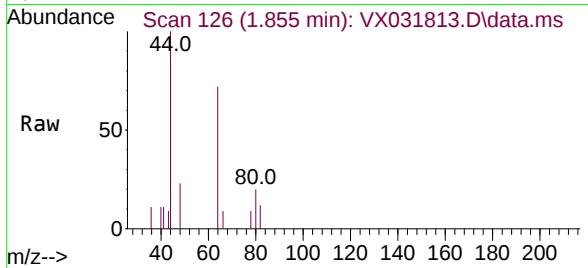




#6
Chloroethane
Concen: 0.566 ug/l
RT: 1.855 min Scan# 11
Delta R.T. 0.165 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

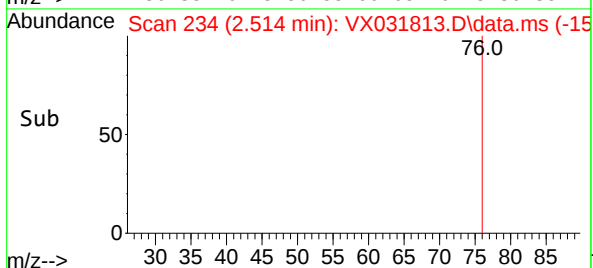
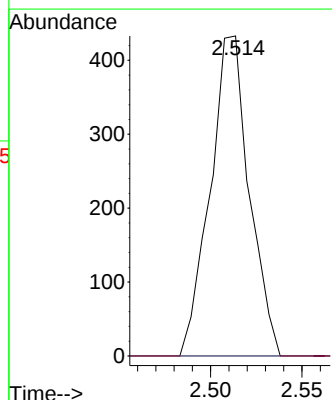
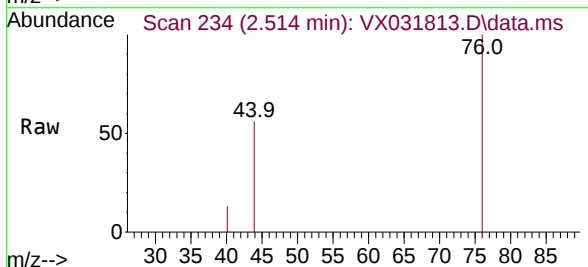
Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

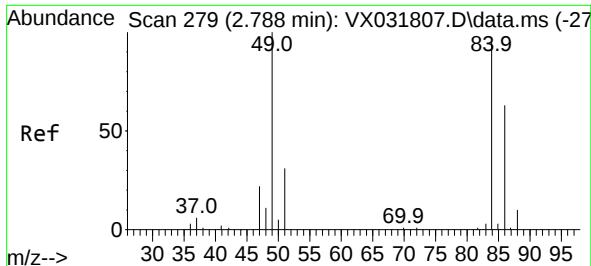
Tgt Ion: 64 Resp: 525
Ion Ratio Lower Upper
64 100
66 33.9 30.6 46.0



#16
Carbon Disulfide
Concen: 0.298 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion: 76 Resp: 645
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

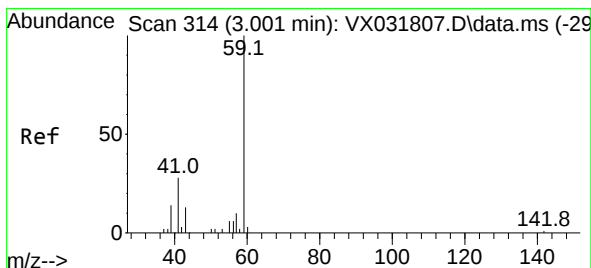
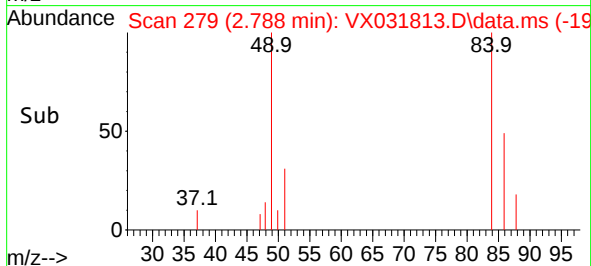
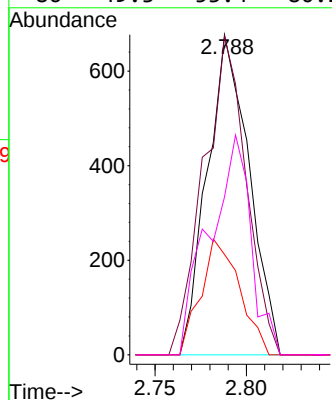
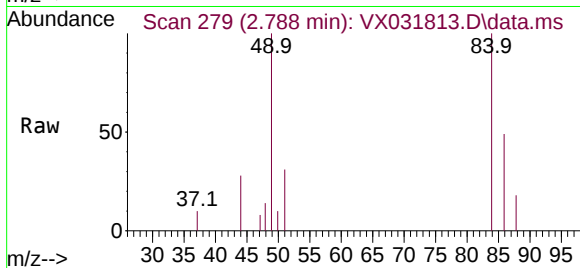




#18
Methylene Chloride
Concen: 0.957 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

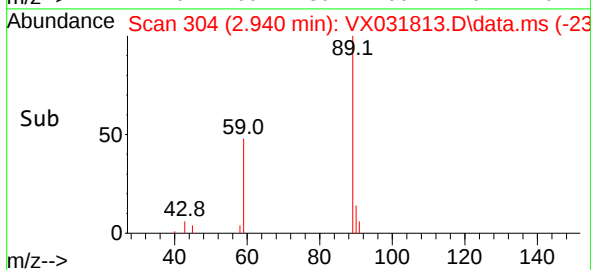
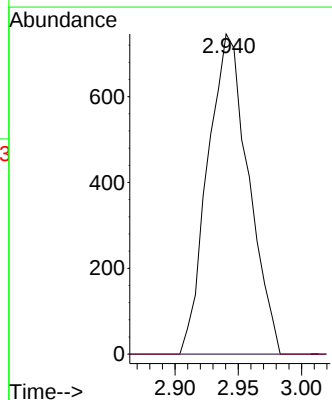
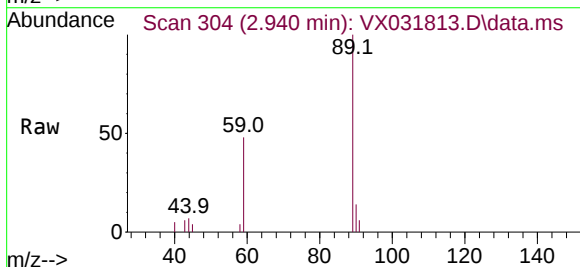
Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

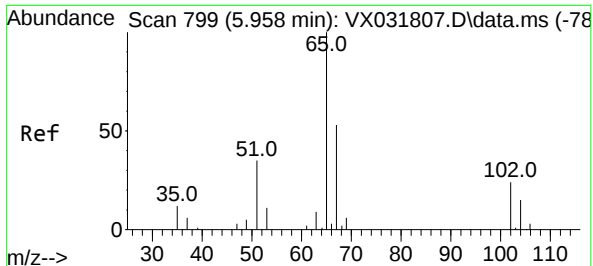
Tgt Ion:	84	Resp:	1080
Ion	Ratio	Lower	Upper
84	100		
49	99.6	84.6	127.0
51	31.3	26.5	39.7
86	49.3	53.4	80.2



#23
tert-Butyl Alcohol
Concen: 9.397 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion:	59	Resp:	1675
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0





#27

1,2-Dichloroethane-d4

Concen: 32.099 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031813.D

Acq: 30 Sep 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

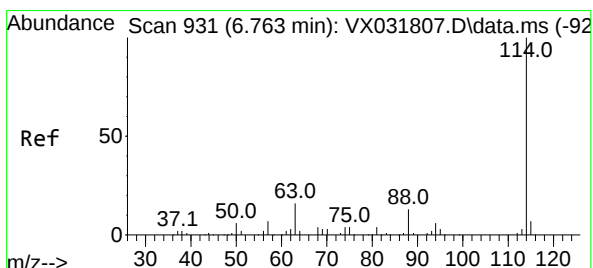
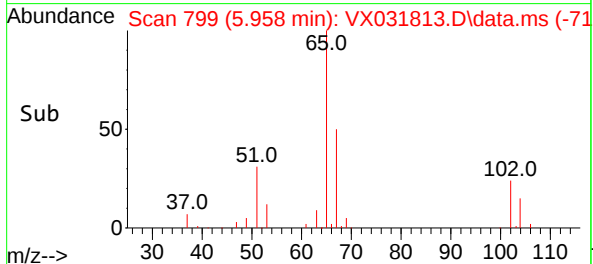
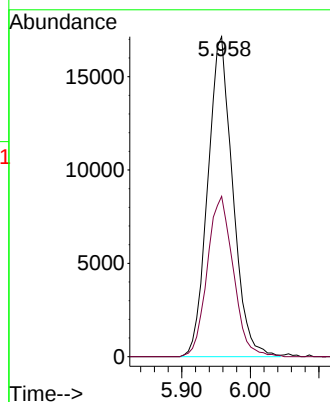
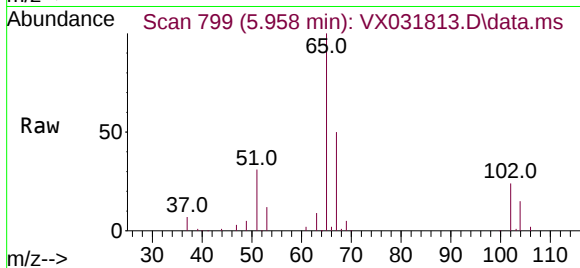
VX0930WBL01

Tgt Ion: 65 Resp: 43393

Ion Ratio Lower Upper

65 100

67 52.3 41.8 62.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031813.D

Acq: 30 Sep 2022 15:45

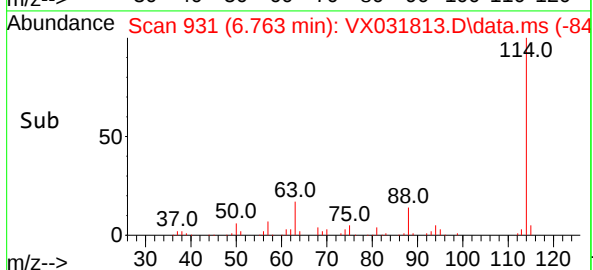
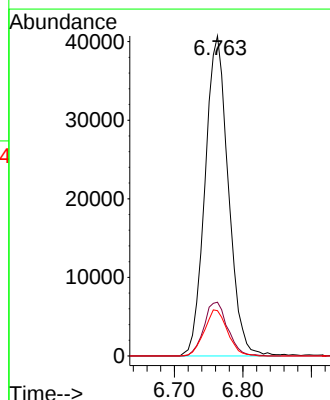
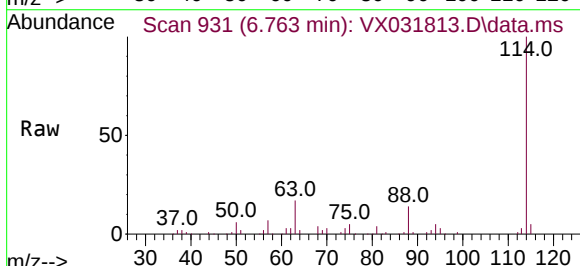
Tgt Ion: 114 Resp: 96283

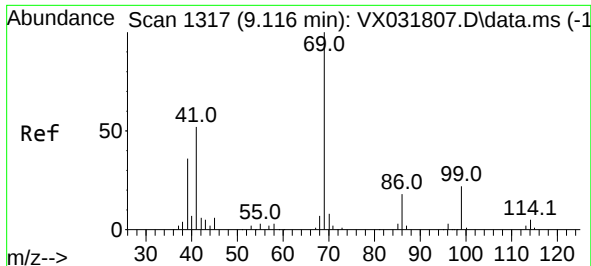
Ion Ratio Lower Upper

114 100

63 17.1 13.6 20.4

88 14.4 11.8 17.6

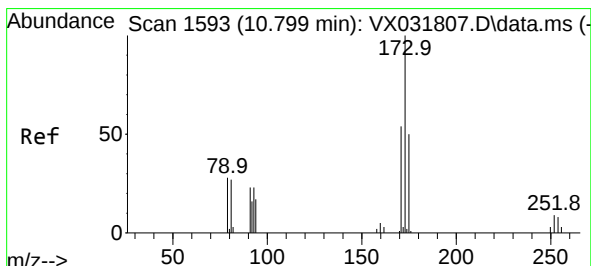
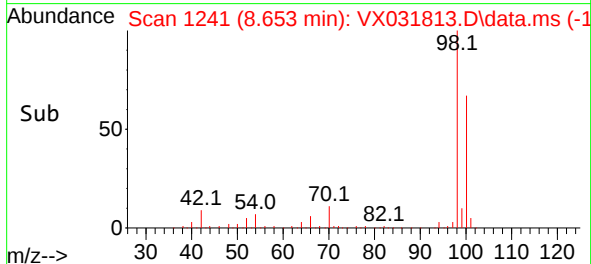
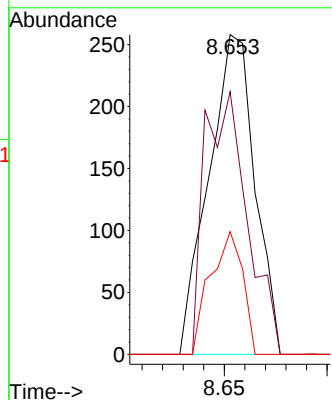
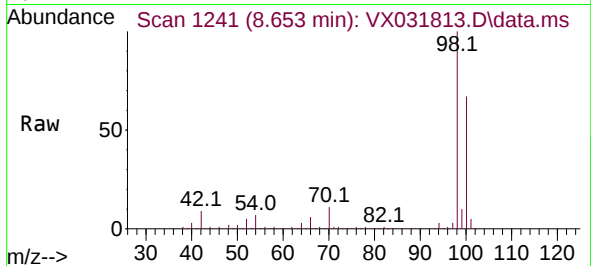




#51
Ethyl methacrylate
Concen: 0.242 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.463 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

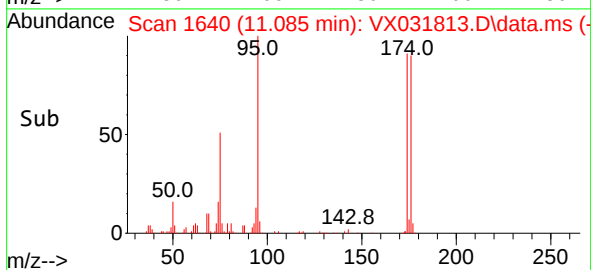
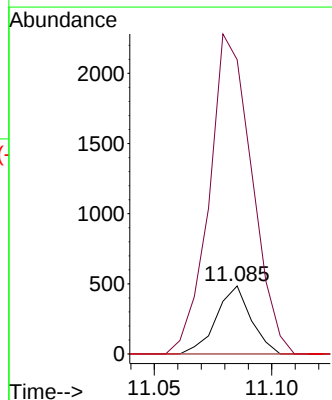
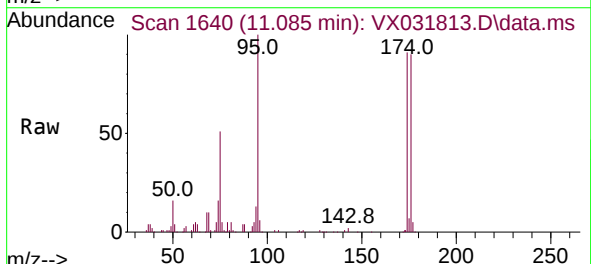
Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

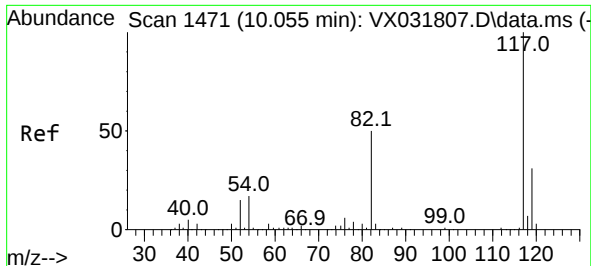
Tgt Ion: 69 Resp: 402
Ion Ratio Lower Upper
69 100
41 82.2 25.9 77.7#
39 38.4 17.8 53.3



#56
Bromoform
Concen: 0.478 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.287 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion: 173 Resp: 499
Ion Ratio Lower Upper
173 100
175 577.6 38.6 58.0#
254 0.0 6.8 10.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031813.D

Acq: 30 Sep 2022 15:45

Instrument :

MSVOA_X

ClientSampleId :

VX0930WBL01

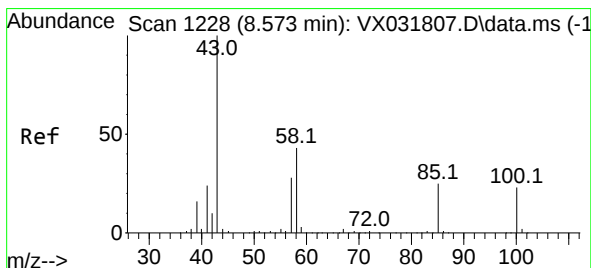
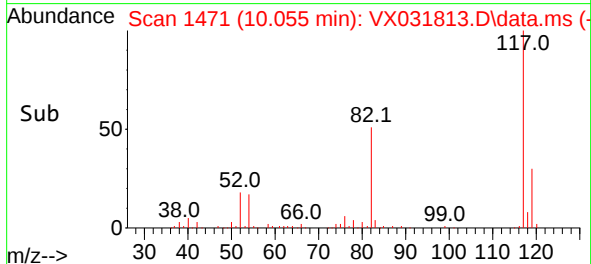
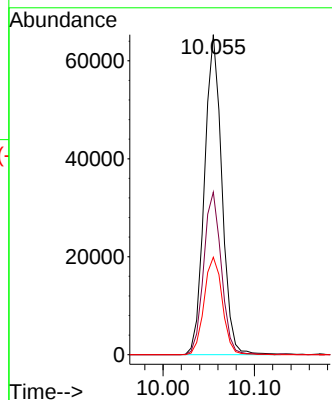
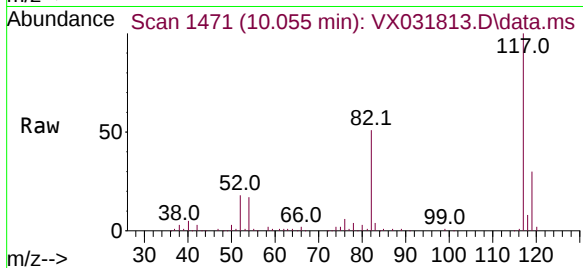
Tgt Ion:117 Resp: 86053

Ion Ratio Lower Upper

117 100

82 51.6 40.0 60.0

119 32.0 26.0 39.0



#58

4-Methyl-2-Pentanone

Concen: 0.392 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX031813.D

Acq: 30 Sep 2022 15:45

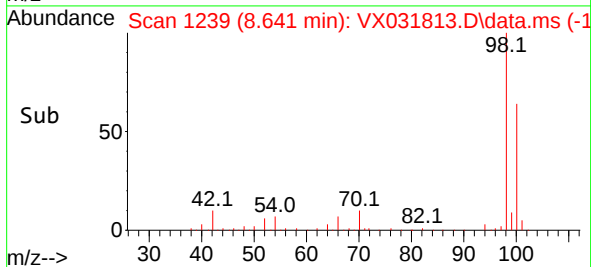
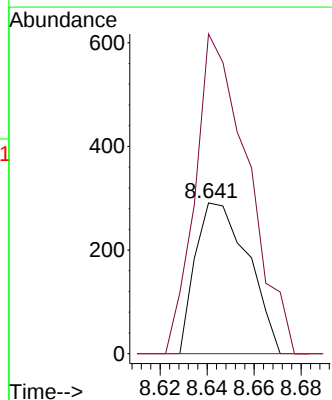
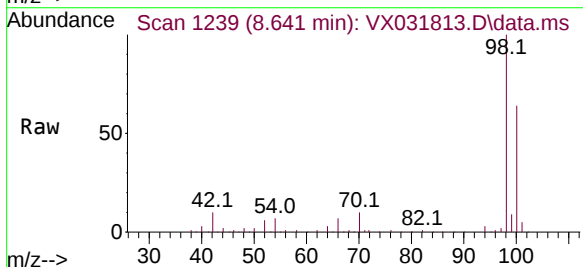
Tgt Ion: 43 Resp: 454

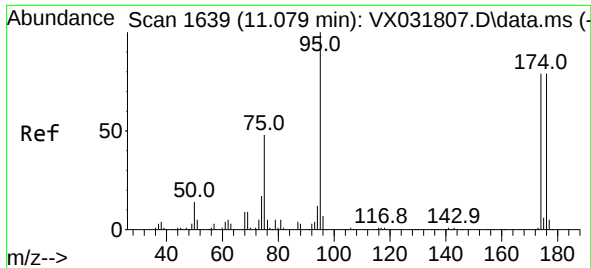
Ion Ratio Lower Upper

43 100

58 211.7 34.9 52.3#

85 0.0 19.4 29.2#

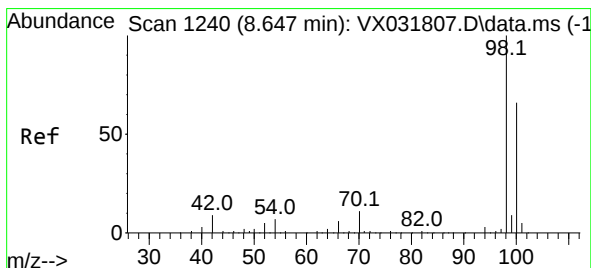
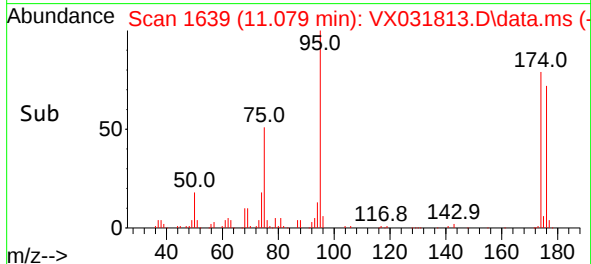
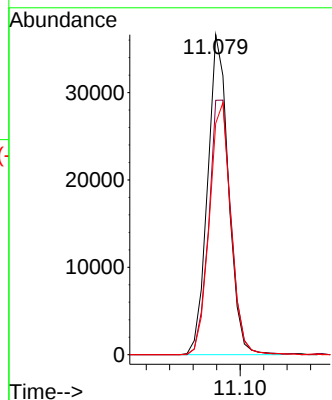
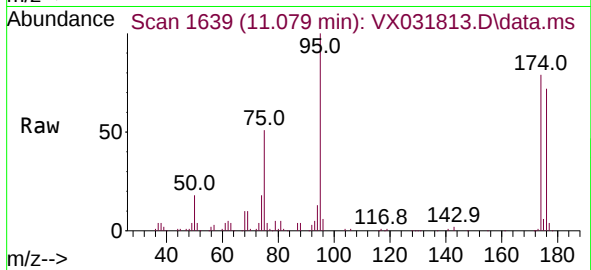




#60
4-Bromofluorobenzene
Concen: 28.358 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

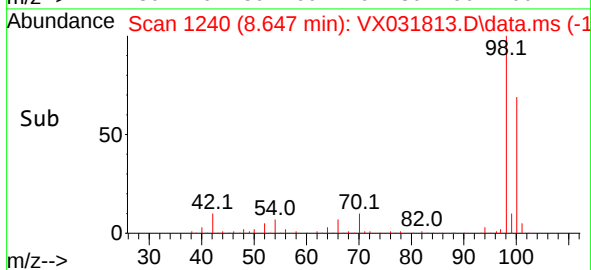
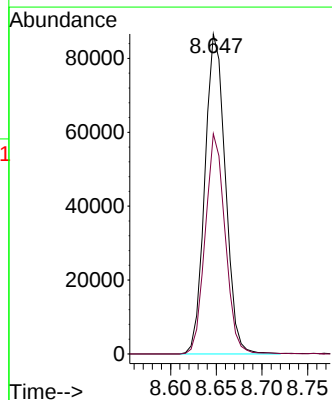
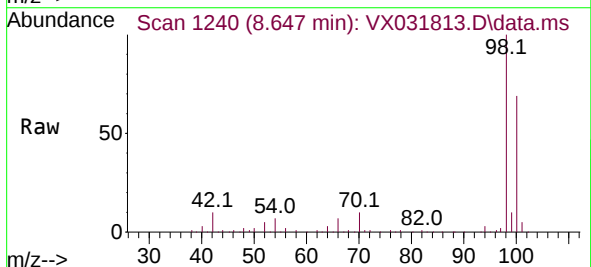
Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

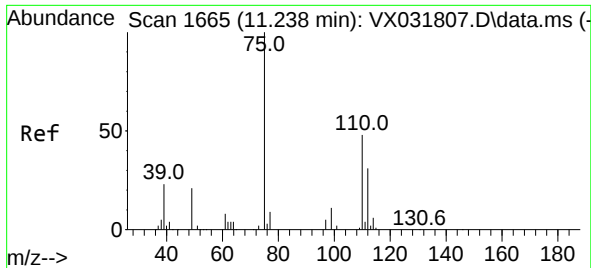
Tgt Ion: 95 Resp: 45164
Ion Ratio Lower Upper
95 100
174 84.9 68.2 102.2
176 81.3 68.1 102.1



#63
Toluene-d8
Concen: 30.834 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion: 98 Resp: 134797
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8

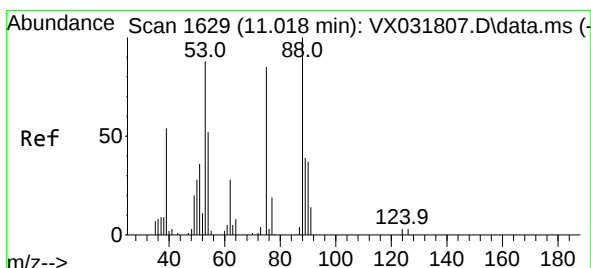
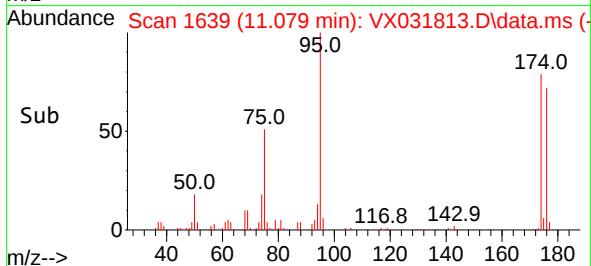
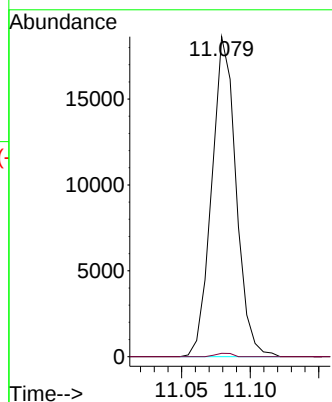
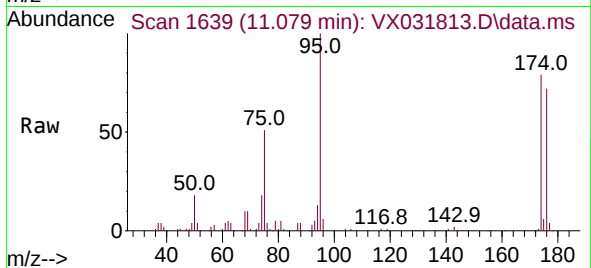




#72
1,2,3-Trichloropropane
Concen: 15.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Instrument :
MSVOA_X
ClientSampleId :
VX0930WBL01

Tgt Ion: 75 Resp: 23029
Ion Ratio Lower Upper
75 100
77 0.7 0.0 76.6



#77
t-1,4-Dichloro-2-butene
Concen: 54.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031813.D
Acq: 30 Sep 2022 15:45

Tgt Ion: 75 Resp: 23029
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.4#
89 0.0 22.9 68.8#

