

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
 Data File : VX033775.D
 Acq On : 18 Jan 2023 15:29
 Operator : JC/MD
 Sample : VX0118WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBL01

Quant Time: Jan 19 03:30:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

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

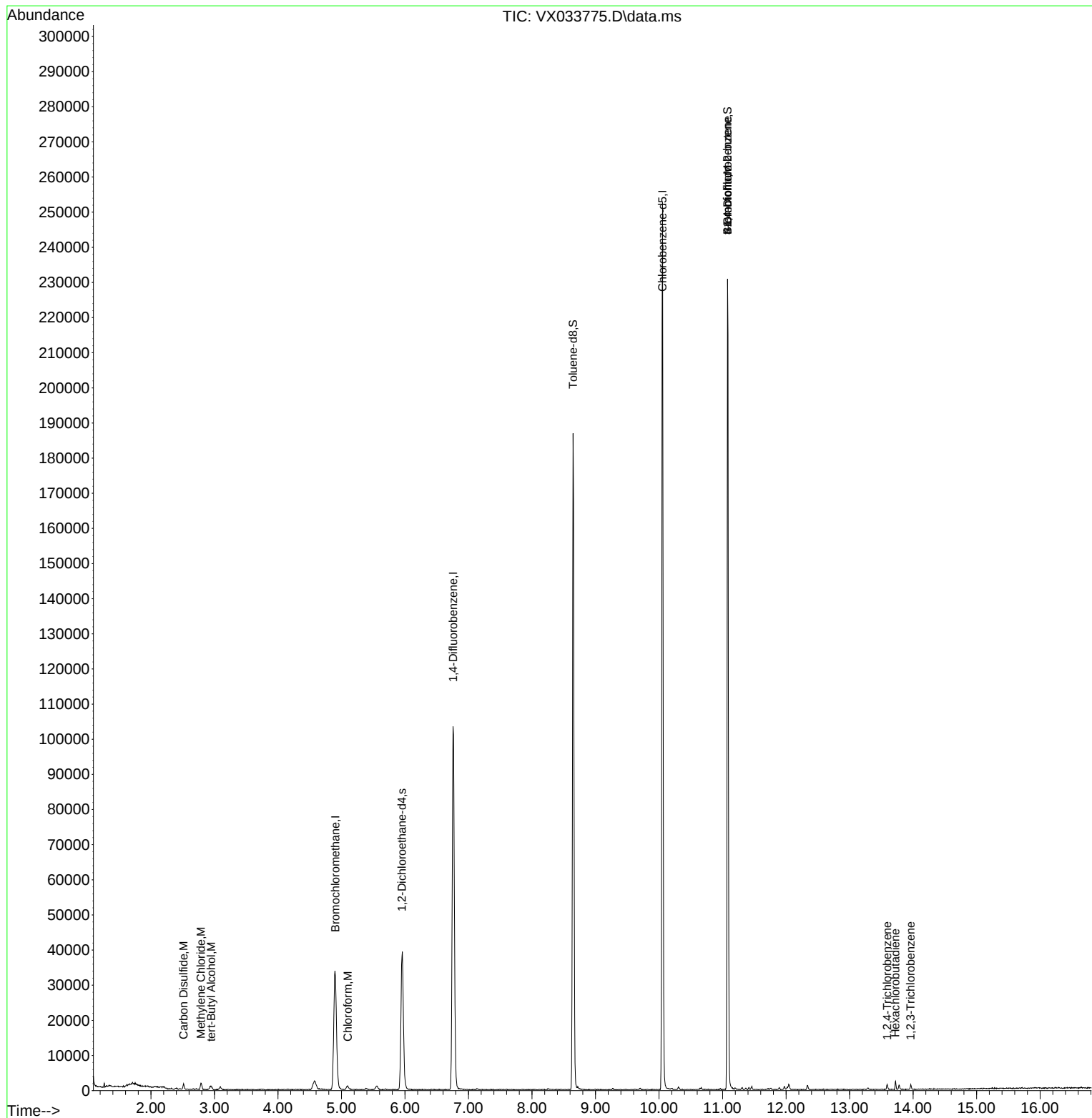
Internal Standards						
1) Bromochloromethane	4.903	128	15951	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	113224	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	116139	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	37634	30.487	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.633%
60) 4-Bromofluorobenzene	11.079	95	61762	29.747	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.167%
63) Toluene-d8	8.646	98	111210	30.013	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.033%
Target Compounds						
					Qvalue	
16) Carbon Disulfide	2.513	76	1727	0.497	ug/l	98
18) Methylene Chloride	2.788	84	889	0.557	ug/l #	83
23) tert-Butyl Alcohol	2.946	59	778	2.794	ug/l #	1
25) Chloroform	5.098	83	1323	0.479	ug/l	91
56) Bromoform	11.079	173	286	0.203	ug/l #	36
77) t-1,4-Dichloro-2-butene	11.079	75	28564	45.373	ug/l #	6
89) 1,2,4-Trichlorobenzene	13.591	180	628	0.255	ug/l	92
90) Hexachlorobutadiene	13.719	225	461	0.399	ug/l	93
92) 1,2,3-Trichlorobenzene	13.963	180	539	0.223	ug/l	95

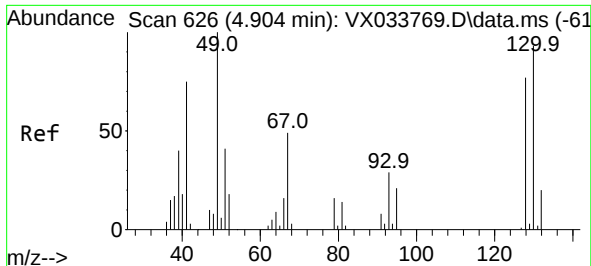
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011823\
Data File : VX033775.D
Acq On : 18 Jan 2023 15:29
Operator : JC/MD
Sample : VX0118WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBL01

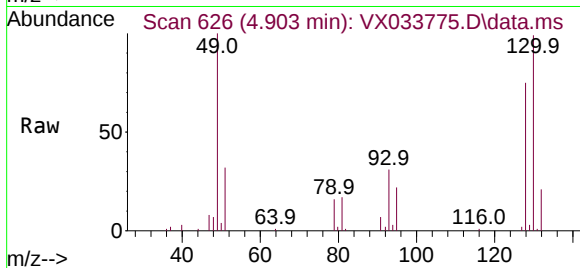
Quant Time: Jan 19 03:30:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 18 14:40:07 2023
Response via : Initial Calibration



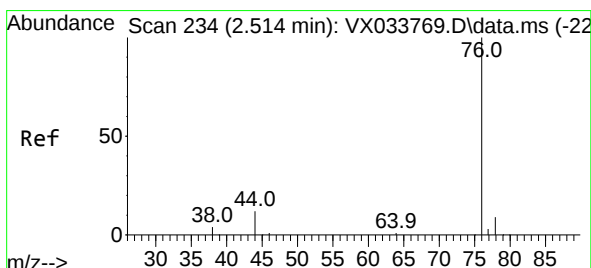
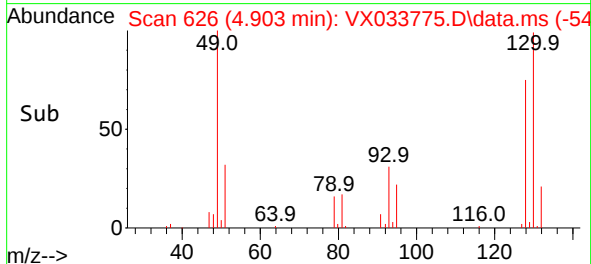
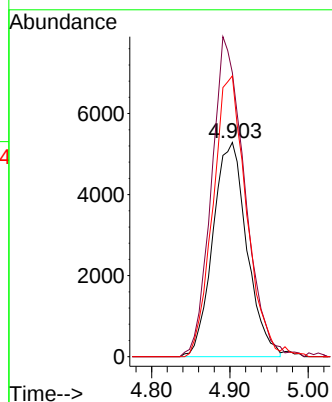


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBL01

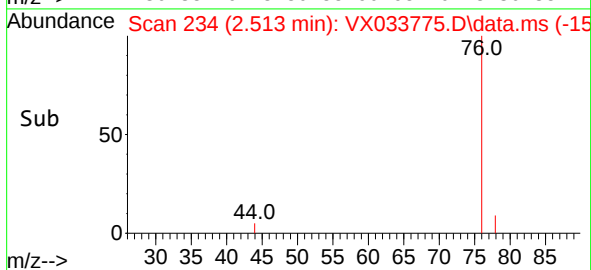
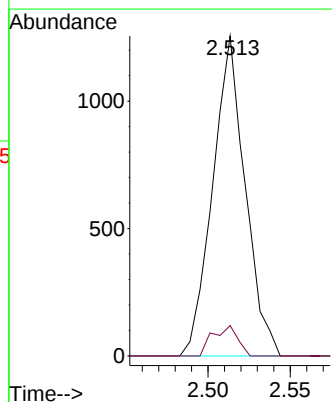
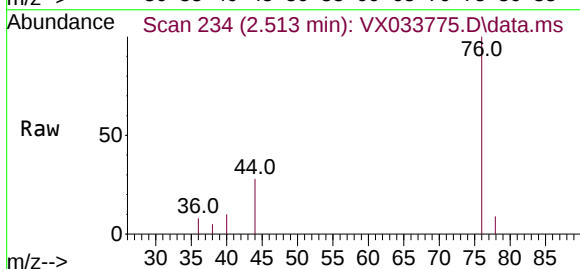


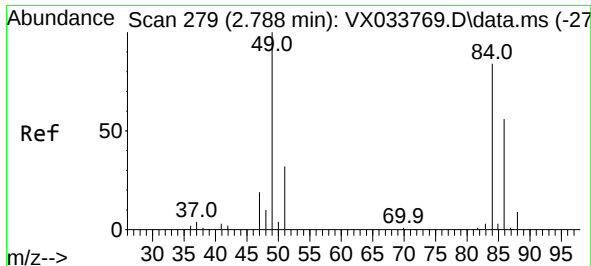
Tgt Ion:	128	Resp:	15951
Ion	Ratio	Lower	Upper
128	100		
49	145.1	0.0	369.0
130	128.5	0.0	327.5



#16
Carbon Disulfide
Concen: 0.497 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

Tgt Ion:	76	Resp:	1727
Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

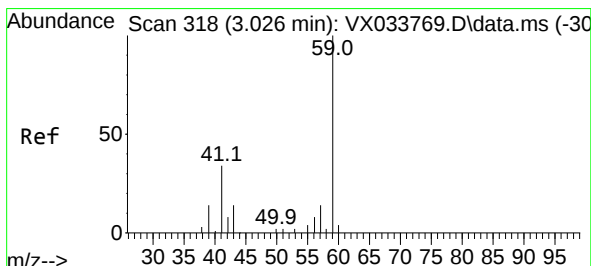
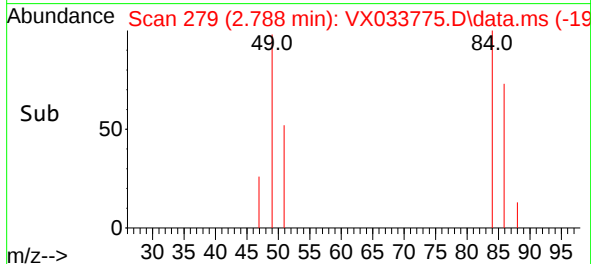
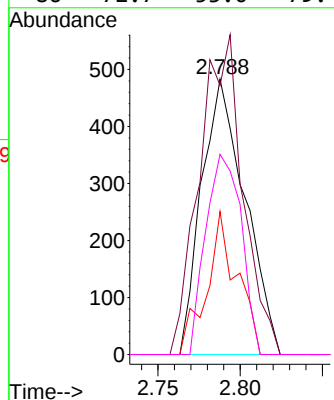
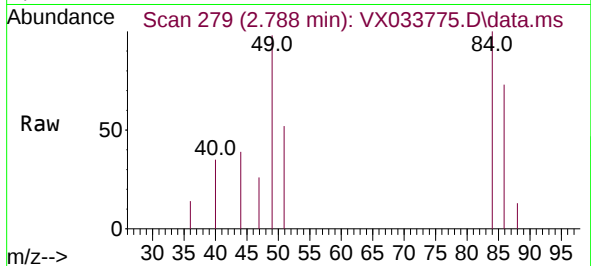




#18
Methylene Chloride
Concen: 0.557 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

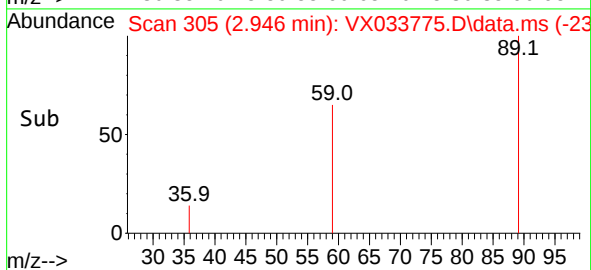
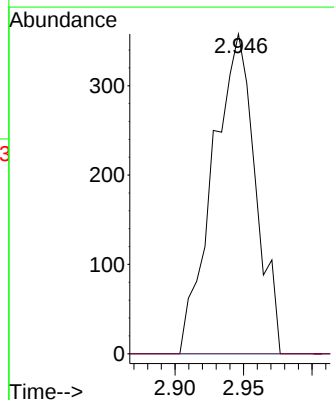
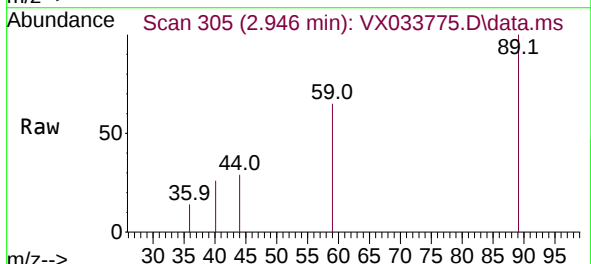
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBL01

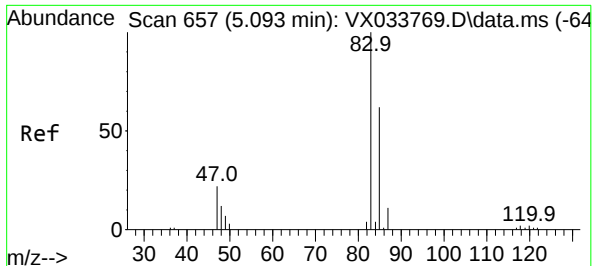
Tgt Ion: 84	Resp:	889	
Ion	Ratio	Lower	Upper
84	100		
49	97.7	95.0	142.6
51	52.0	30.3	45.5#
86	72.7	53.0	79.4



#23
tert-Butyl Alcohol
Concen: 2.794 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.080 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

Tgt Ion: 59	Resp:	778	
Ion	Ratio	Lower	Upper
59	100		
52	5.4	186.7	280.1#





#25

Chloroform

Concen: 0.479 ug/l

RT: 5.098 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

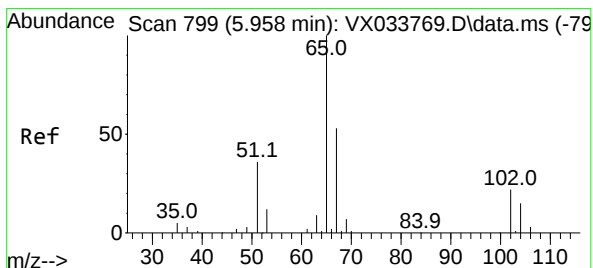
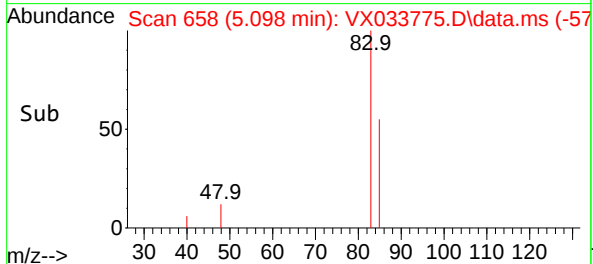
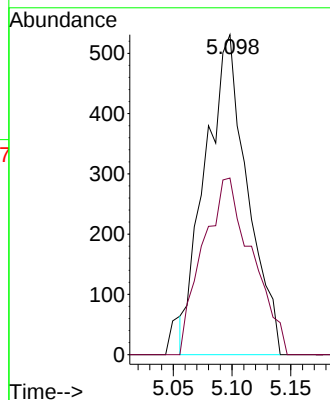
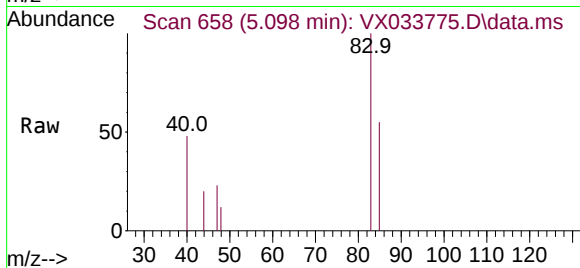
VX0118WBL01

Tgt Ion: 83 Resp: 1323

Ion Ratio Lower Upper

83 100

85 55.2 49.7 74.5



#27

1,2-Dichloroethane-d4

Concen: 30.487 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX033775.D

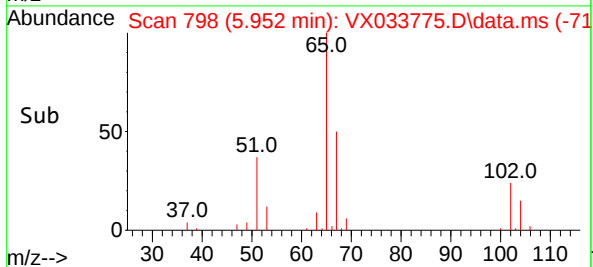
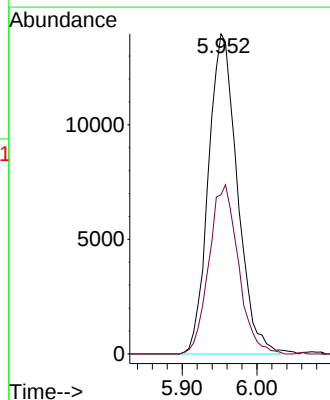
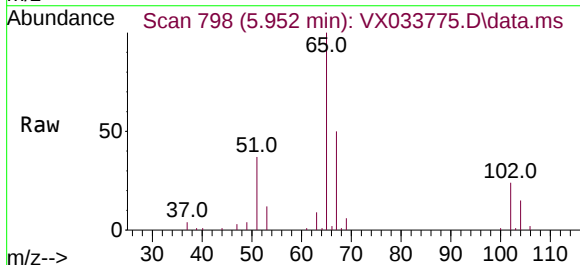
Acq: 18 Jan 2023 15:29

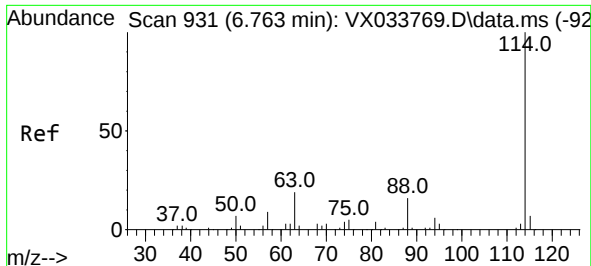
Tgt Ion: 65 Resp: 37634

Ion Ratio Lower Upper

65 100

67 53.5 43.0 64.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBL01

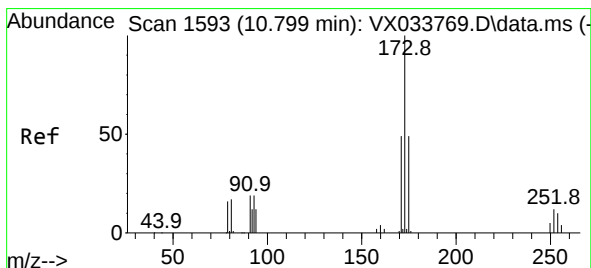
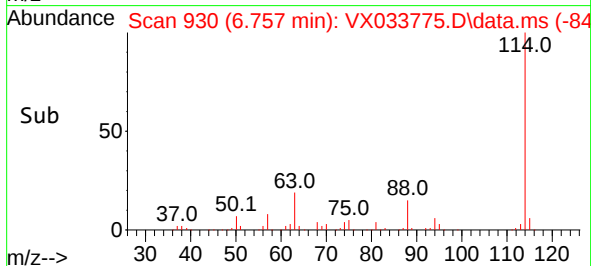
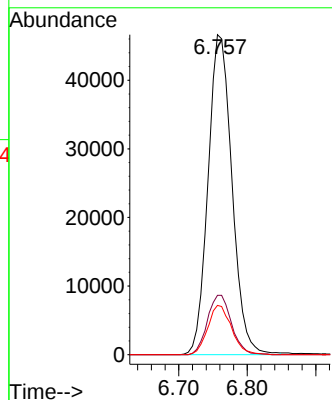
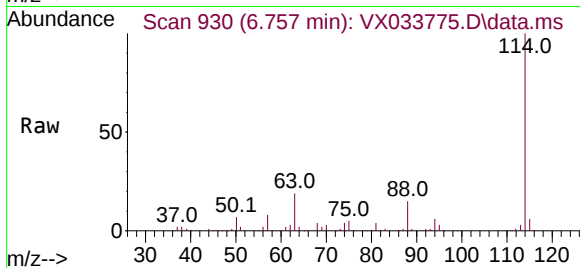
Tgt Ion:114 Resp: 113224

Ion Ratio Lower Upper

114 100

63 18.6 15.2 22.8

88 15.3 12.4 18.6



#56

Bromoform

Concen: 0.203 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.280 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

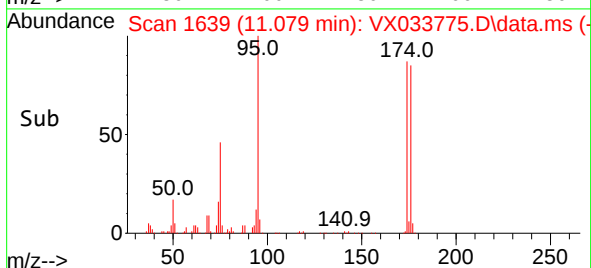
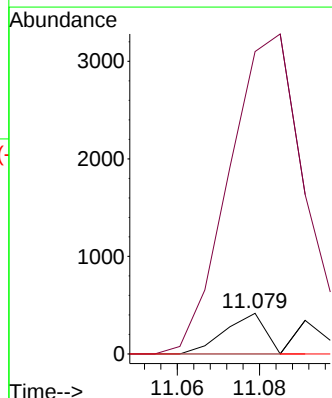
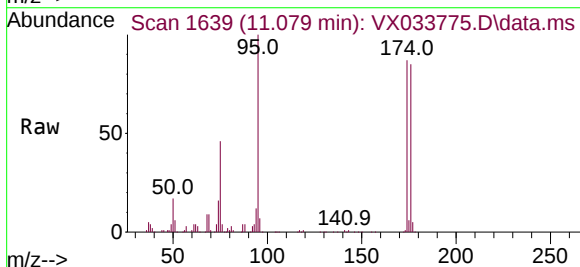
Tgt Ion:173 Resp: 286

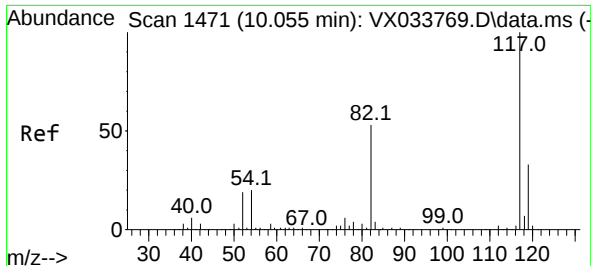
Ion Ratio Lower Upper

173 100

175 0.0 39.8 59.6#

254 0.0 9.0 13.6#

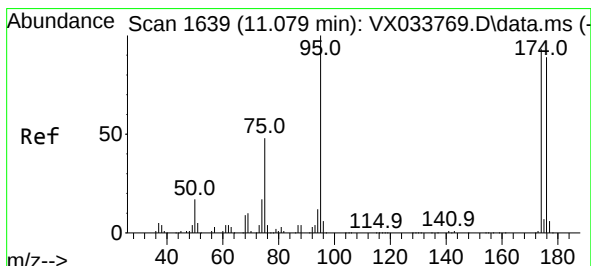
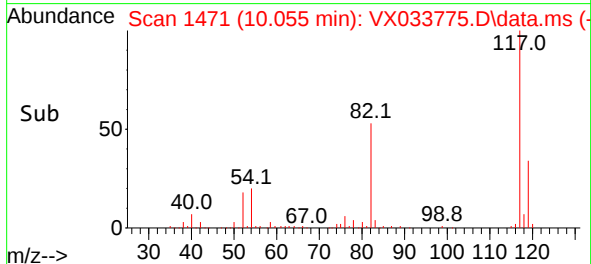
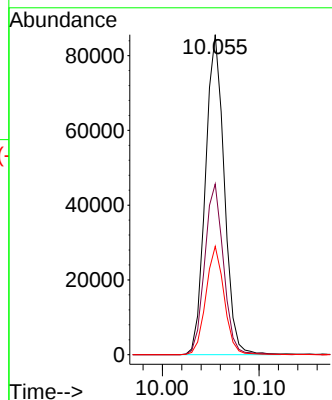
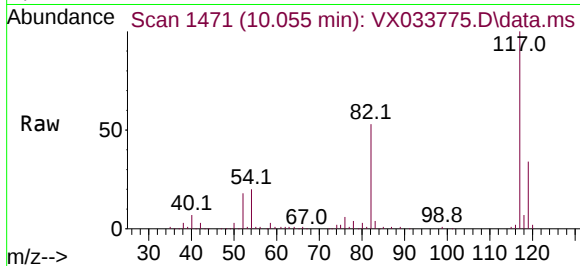




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

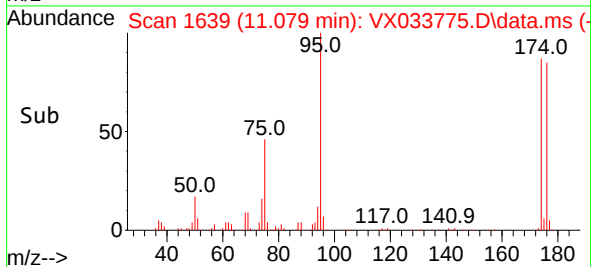
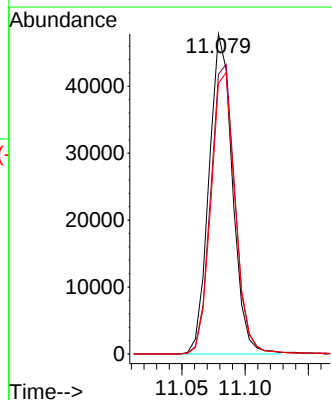
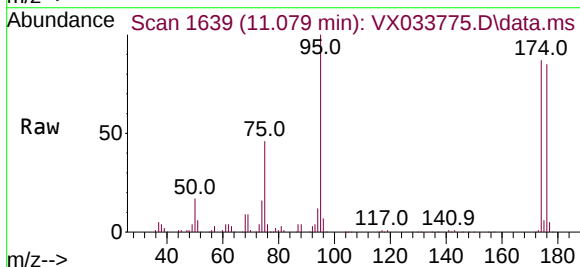
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBL01

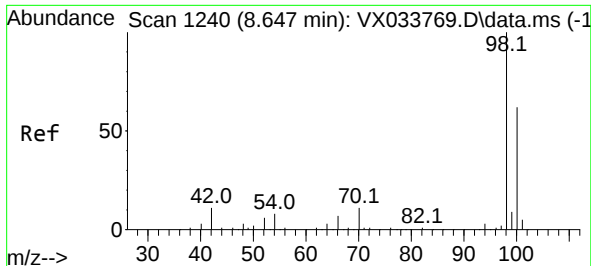
Tgt Ion:	117	Resp:	116139
Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	64.0
119	33.0	26.4	39.6



#60
4-Bromofluorobenzene
Concen: 29.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

Tgt Ion:	95	Resp:	61762
Ion	Ratio	Lower	Upper
95	100		
174	93.9	74.6	111.8
176	90.4	72.2	108.2

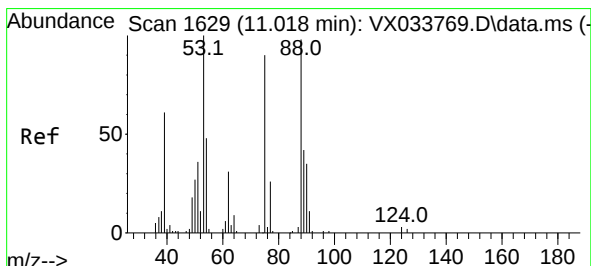
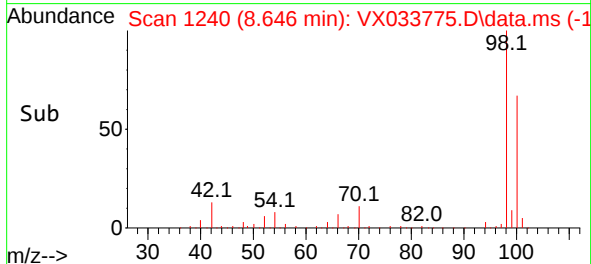
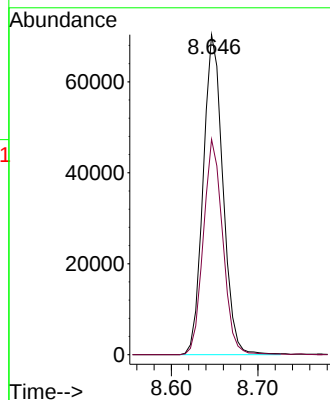
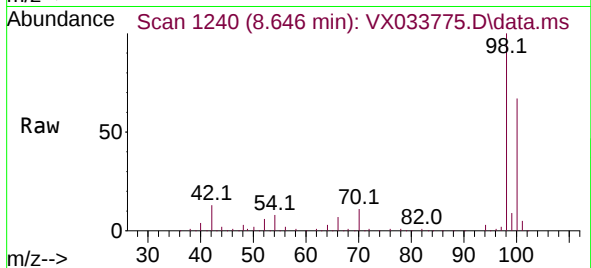




#63
Toluene-d8
Concen: 30.013 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

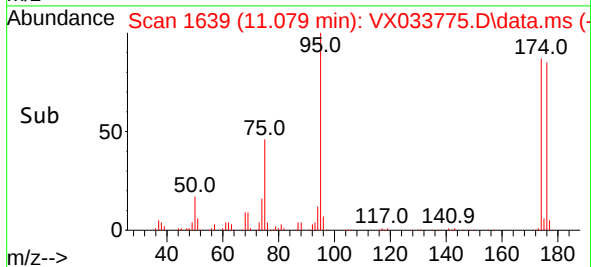
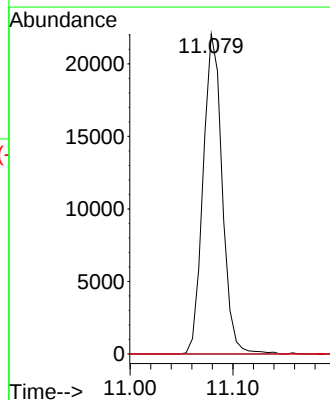
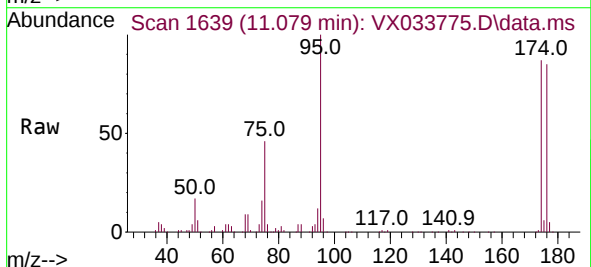
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VX0118WBL01

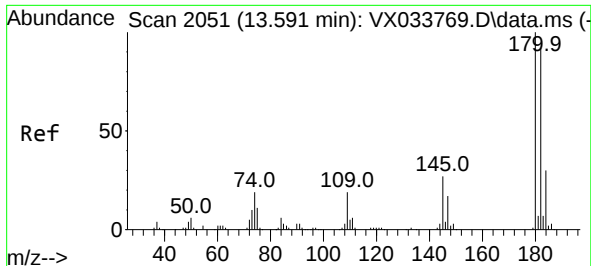
Tgt Ion: 98 Resp: 111210
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#77
t-1,4-Dichloro-2-butene
Concen: 45.373 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033775.D
Acq: 18 Jan 2023 15:29

Tgt Ion: 75 Resp: 28564
Ion Ratio Lower Upper
75 100
53 0.0 55.5 166.3#
89 0.0 23.3 69.8#





#89

1,2,4-Trichlorobenzene

Concen: 0.255 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBL01

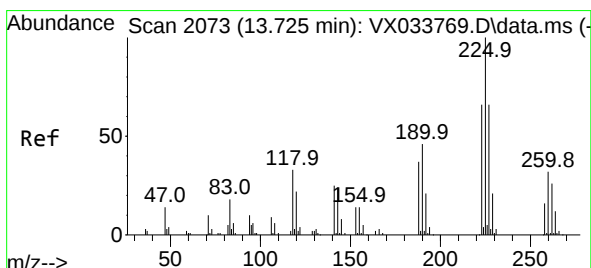
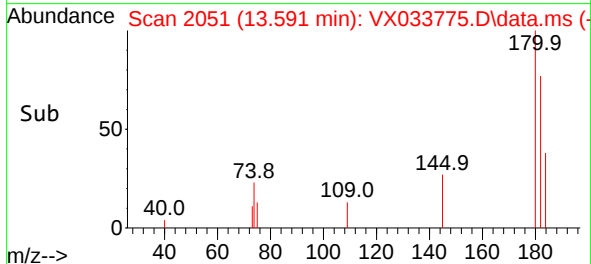
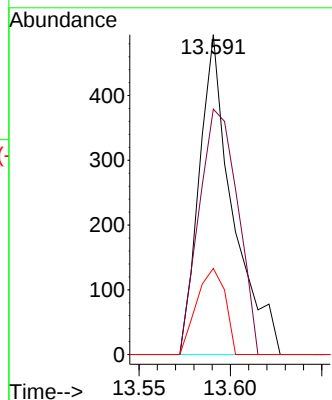
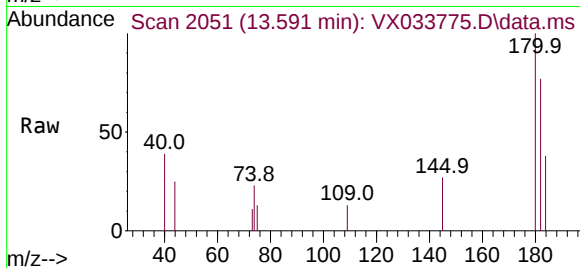
Tgt Ion:180 Resp: 628

Ion Ratio Lower Upper

180 100

182 88.5 76.4 114.6

145 22.9 22.9 34.3



#90

Hexachlorobutadiene

Concen: 0.399 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX033775.D

Acq: 18 Jan 2023 15:29

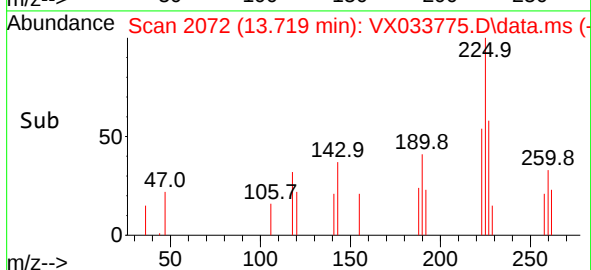
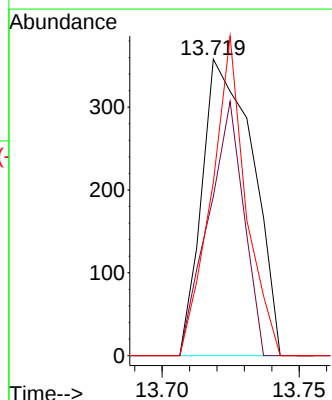
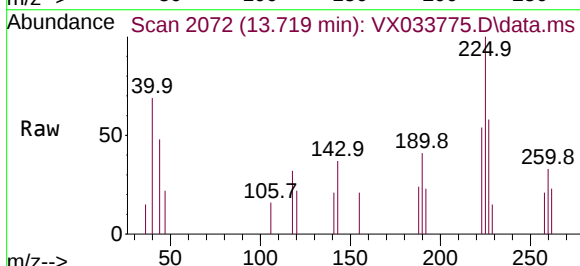
Tgt Ion:225 Resp: 461

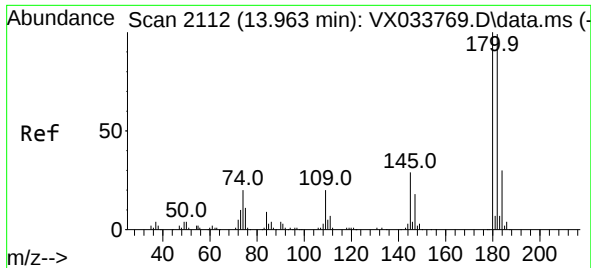
Ion Ratio Lower Upper

225 100

223 59.4 0.0 127.6

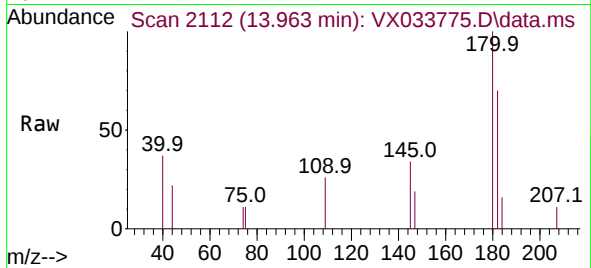
227 72.9 0.0 131.2





#92
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX033775.D
 Acq: 18 Jan 2023 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBL01



Tgt Ion:	180	Resp:	539
Ion	Ratio	Lower	Upper
180	100		
182	92.9	0.0	192.6
145	34.9	0.0	60.4

