

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
 Data File : VX029972.D
 Acq On : 08 Jul 2022 14:47
 Operator : JC/MD
 Sample : VX0708WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

Quant Time: Jul 09 02:17:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 09 02:10:54 2022
 Response via : Initial Calibration

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

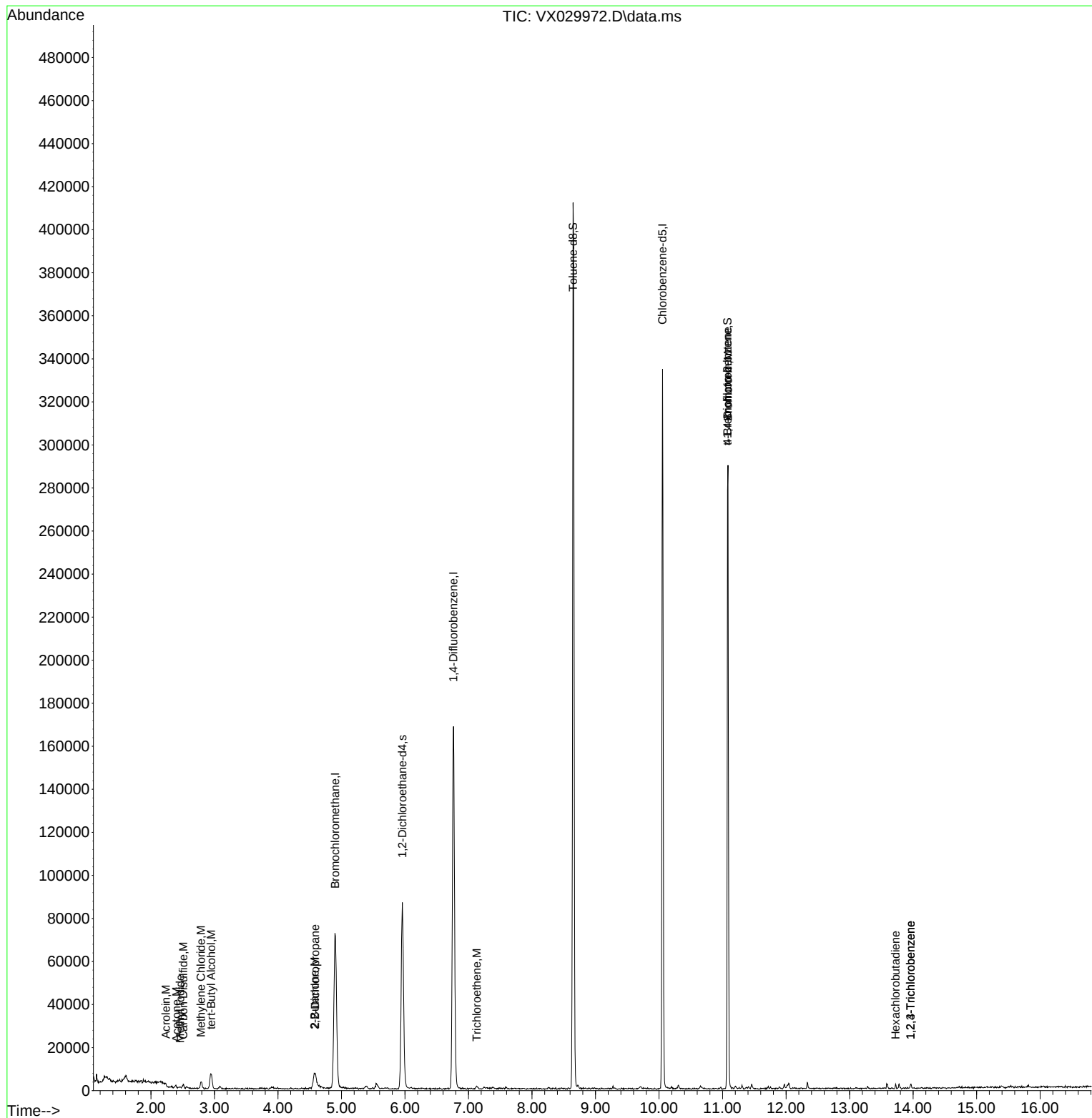
Internal Standards						
1) Bromochloromethane	4.897	128	32634	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	181285	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	154809	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	73997	27.808	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.700%
60) 4-Bromofluorobenzene	11.079	95	81122	27.806	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.700%
63) Toluene-d8	8.647	98	252322	30.058	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.200%
Target Compounds						
					Qvalue	
11) Methyl Iodide	2.459	142	676	9.140	ug/l #	81
13) Acrolein	2.233	56	170	0.387	ug/l	96
15) Acetone	2.398	58	383	0.875	ug/l #	1
16) Carbon Disulfide	2.508	76	2047	0.341	ug/l	96
18) Methylene Chloride	2.788	84	1519	0.567	ug/l	94
23) tert-Butyl Alcohol	2.946	59	4268	5.784	ug/l #	100
30) 2-Butanone	4.574	43	485	0.232	ug/l #	91
31) 2,2-Dichloropropane	4.586	77	727	0.245	ug/l #	53
37) Trichloroethene	7.129	130	578	0.217	ug/l #	65
56) Bromoform	11.085	173	603	0.365	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	37724	31.513	ug/l #	3
89) 1,2,4-Trichlorobenzene	13.963	180	664	0.220	ug/l	90
90) Hexachlorobutadiene	13.725	225	414	0.361	ug/l	69
92) 1,2,3-Trichlorobenzene	13.963	180	664	0.216	ug/l	90

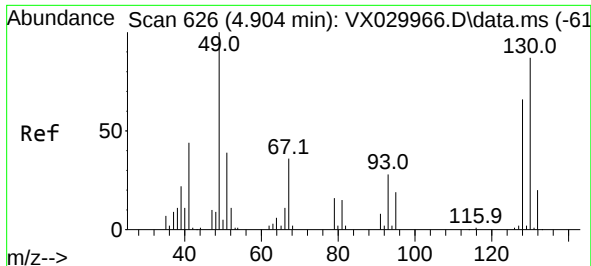
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070822\
Data File : VX029972.D
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Sample : VX0708WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

Quant Time: Jul 09 02:17:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X070822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Jul 09 02:10:54 2022
Response via : Initial Calibration

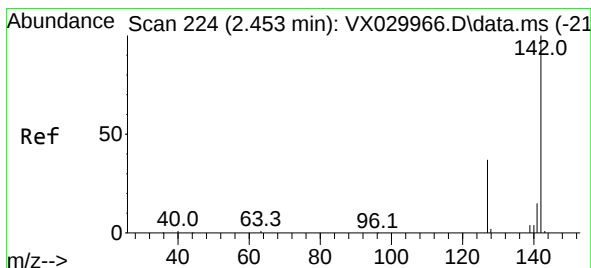
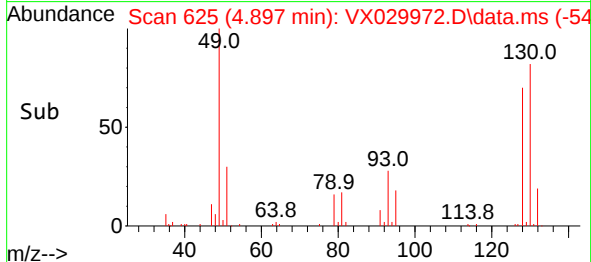
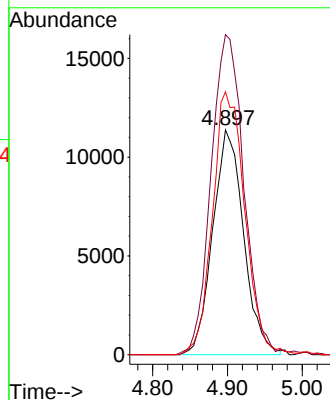
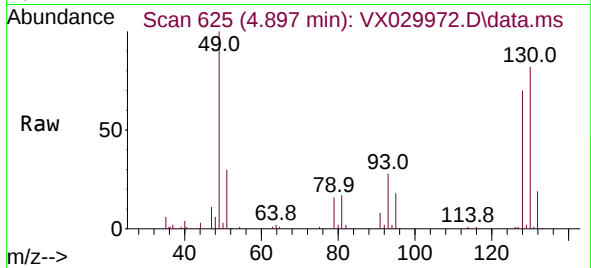




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

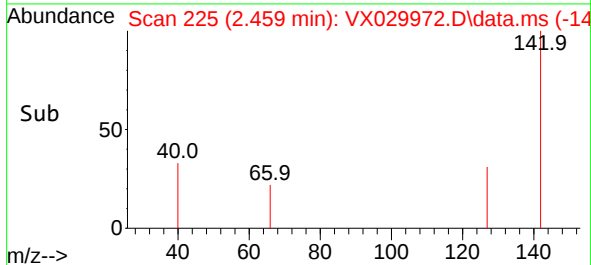
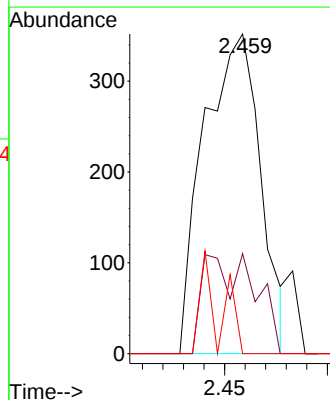
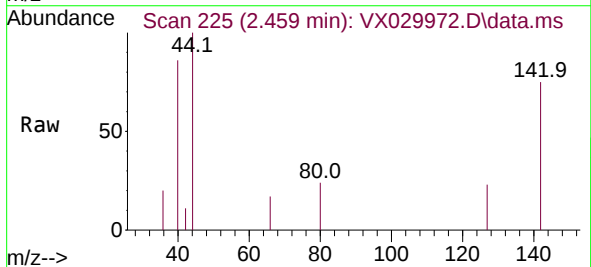
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

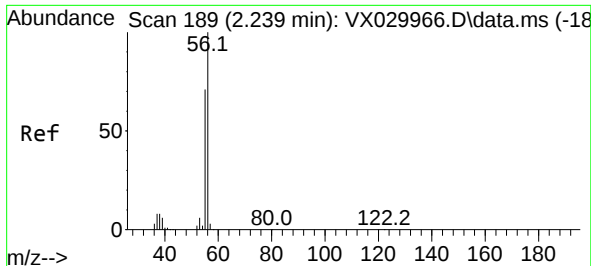
Tgt Ion:128 Resp: 32634
Ion Ratio Lower Upper
128 100
49 150.7 0.0 358.3
130 122.8 0.0 319.3



#11
Methyl Iodide
Concen: 9.140 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion:142 Resp: 676
Ion Ratio Lower Upper
142 100
127 34.9 22.3 66.9
141 0.0 7.0 20.9#

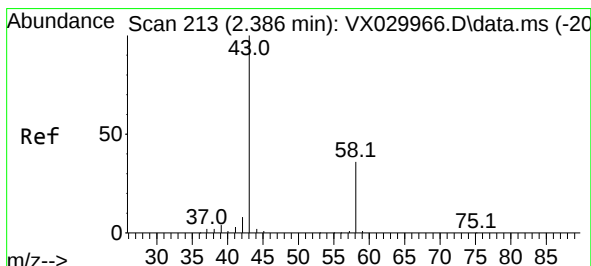
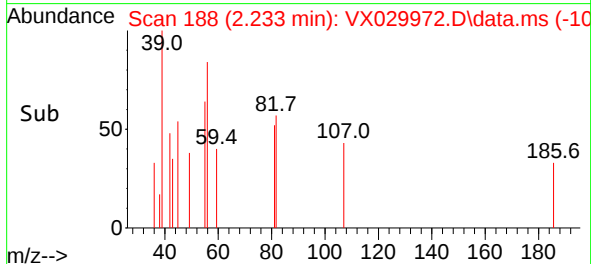
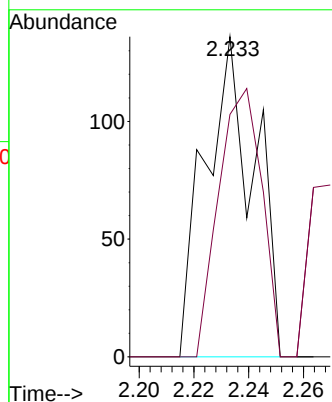
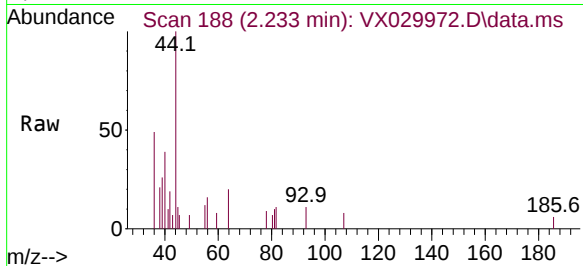




#13
Acrolein
Concen: 0.387 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

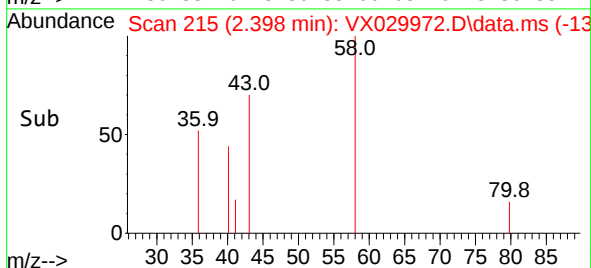
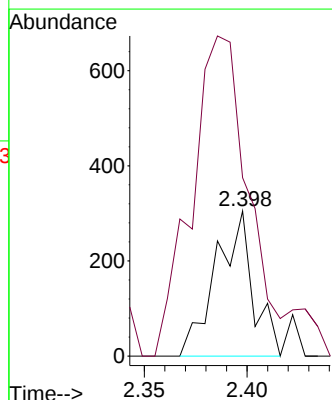
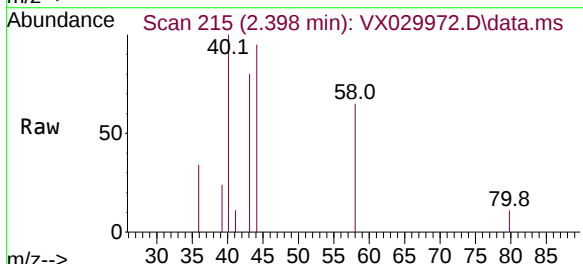
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

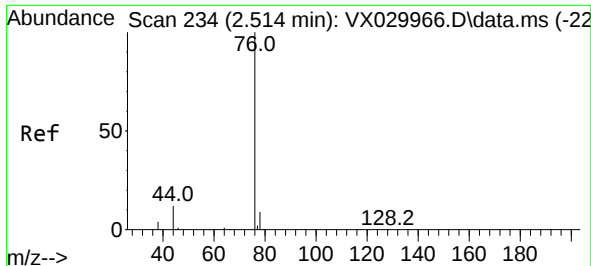
Tgt Ion: 56 Resp: 170
Ion Ratio Lower Upper
56 100
55 73.5 56.4 84.6



#15
Acetone
Concen: 0.875 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion: 58 Resp: 383
Ion Ratio Lower Upper
58 100
43 97.0 250.2 375.2#

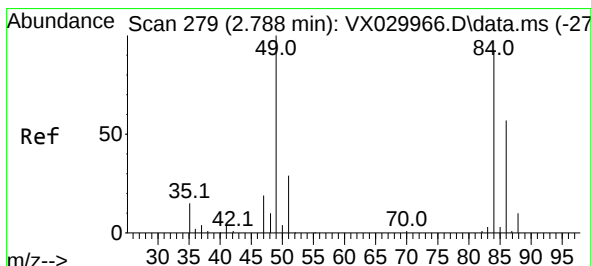
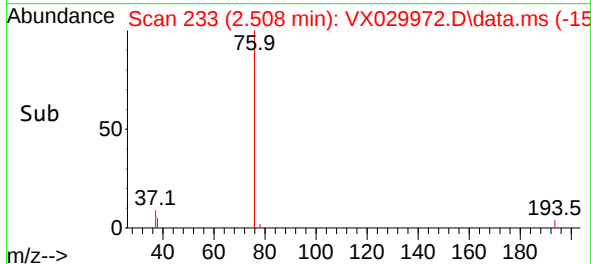
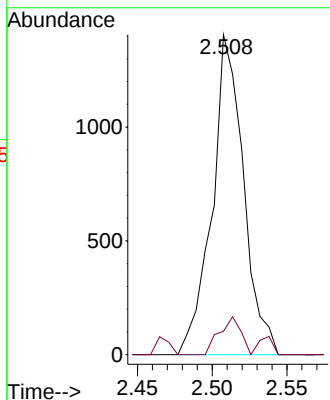
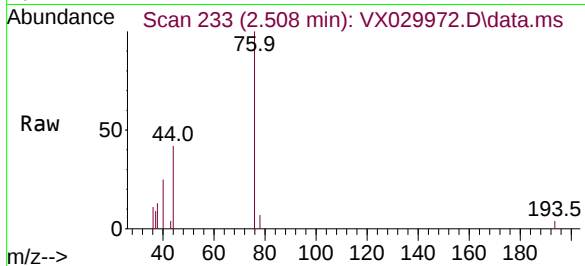




#16
Carbon Disulfide
Concen: 0.341 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

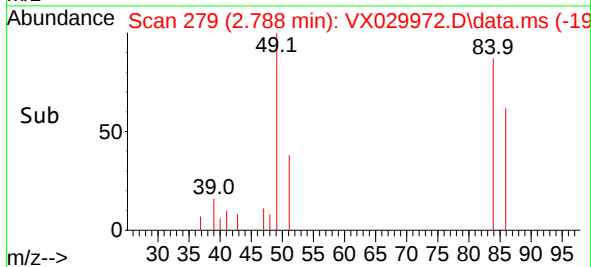
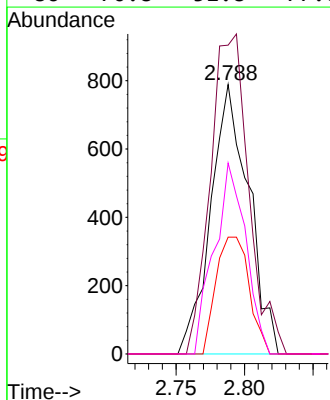
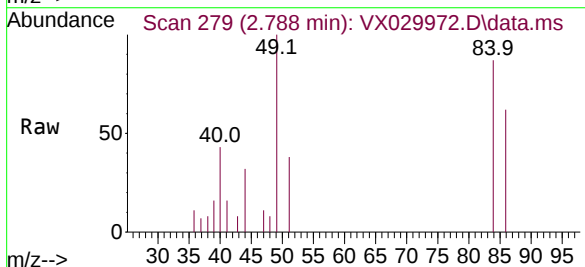
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

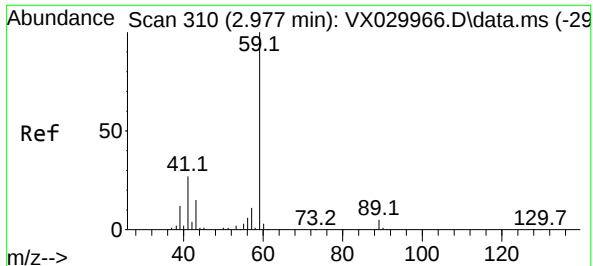
Tgt Ion: 76 Resp: 2047
Ion Ratio Lower Upper
76 100
78 7.3 7.1 10.7



#18
Methylene Chloride
Concen: 0.567 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion: 84 Resp: 1519
Ion Ratio Lower Upper
84 100
49 114.6 94.2 141.2
51 43.3 29.2 43.8
86 70.8 51.8 77.6

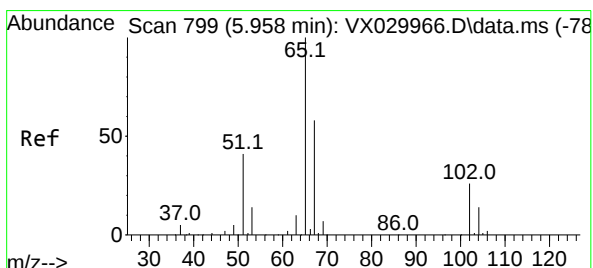
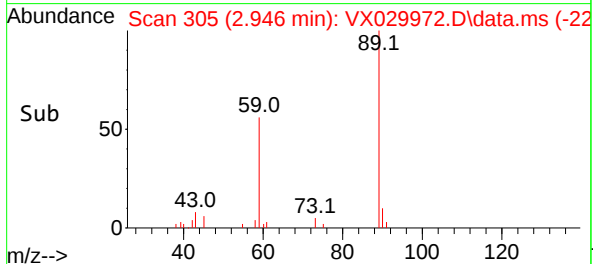
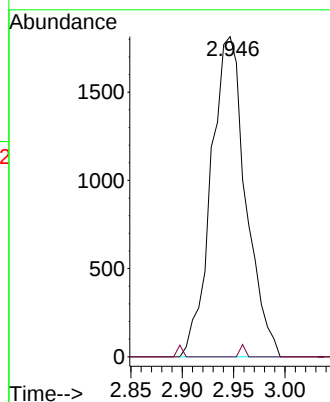
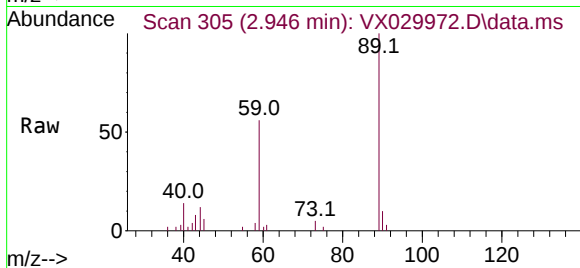




#23
tert-Butyl Alcohol
Concen: 5.784 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

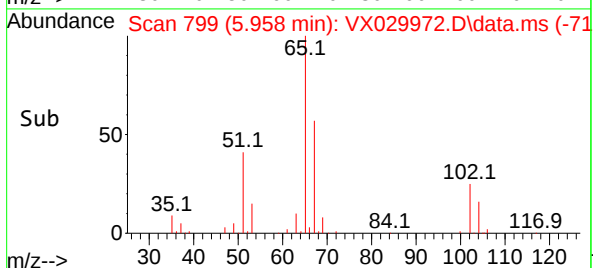
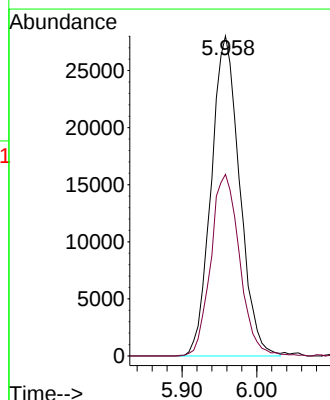
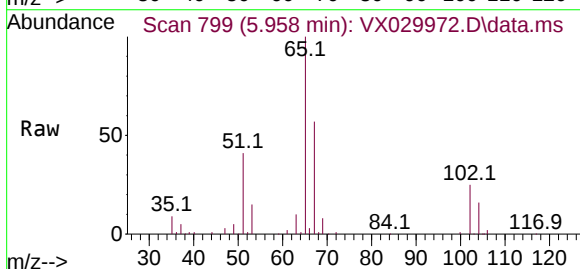
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

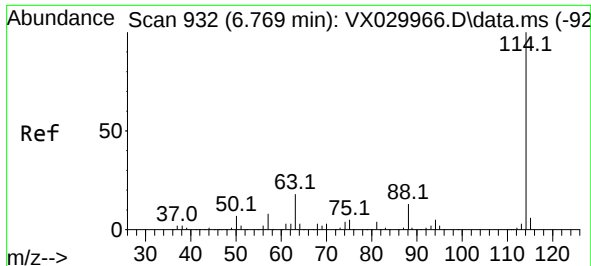
Tgt Ion: 59 Resp: 4268
Ion Ratio Lower Upper
59 100
52 6.1 0.0 0.0#



#27
1,2-Dichloroethane-d4
Concen: 27.808 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion: 65 Resp: 73997
Ion Ratio Lower Upper
65 100
67 57.6 42.3 63.5

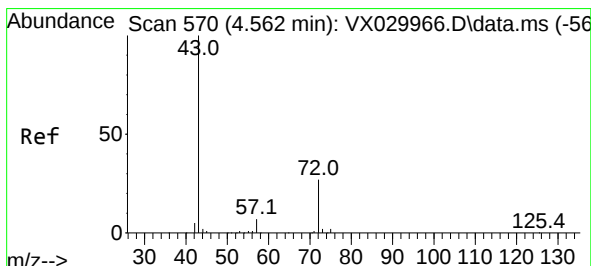
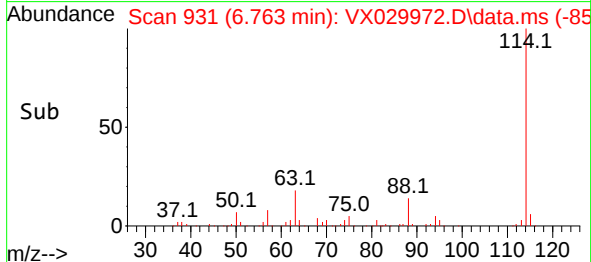
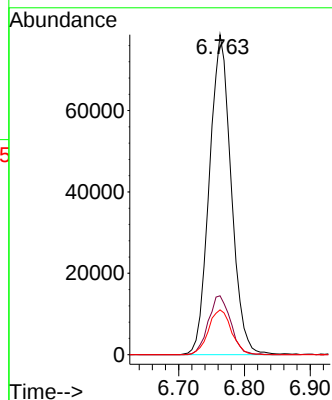
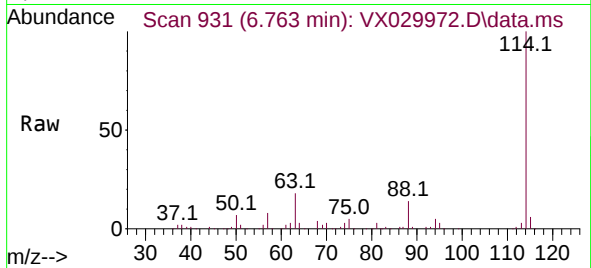




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

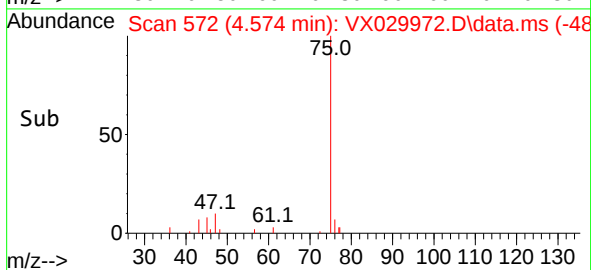
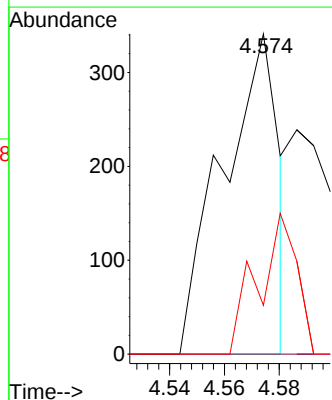
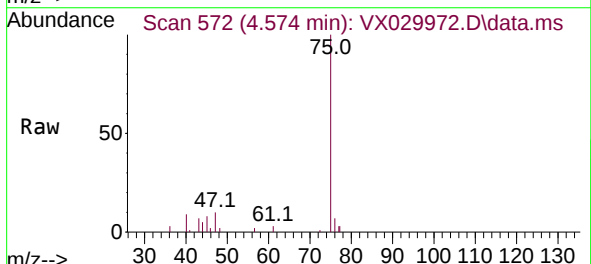
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

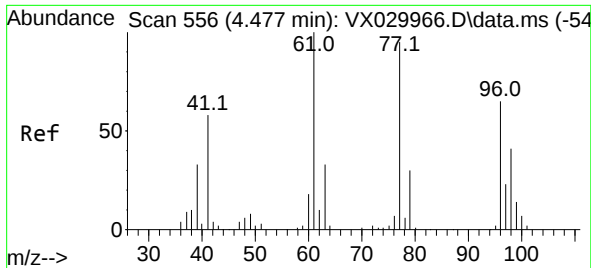
Tgt Ion:114 Resp: 181285
Ion Ratio Lower Upper
114 100
63 18.7 15.3 22.9
88 14.8 12.2 18.4



#30
2-Butanone
Concen: 0.232 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
57 0.0 6.6 10.0#
72 30.1 22.1 33.1

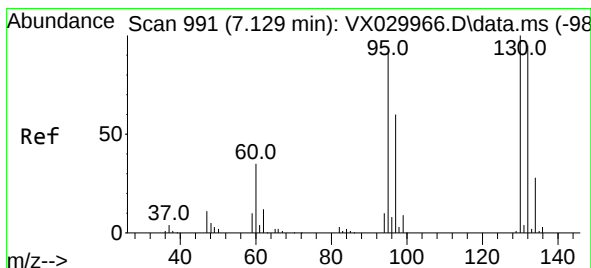
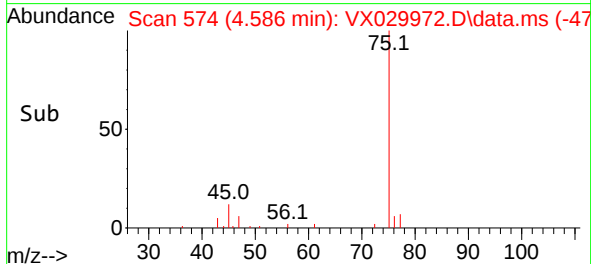
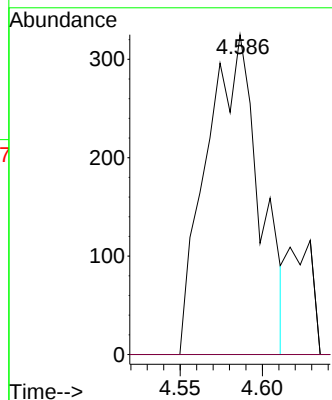
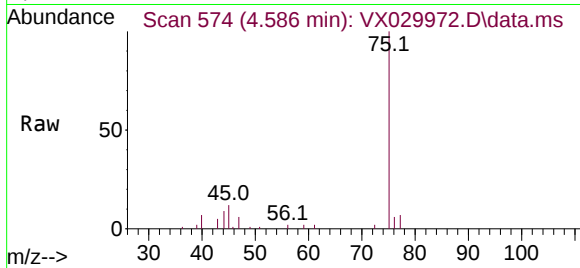




#31
2,2-Dichloropropane
Concen: 0.245 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.110 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

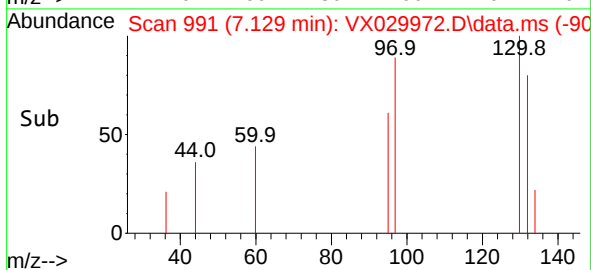
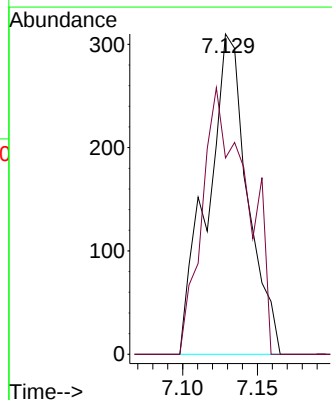
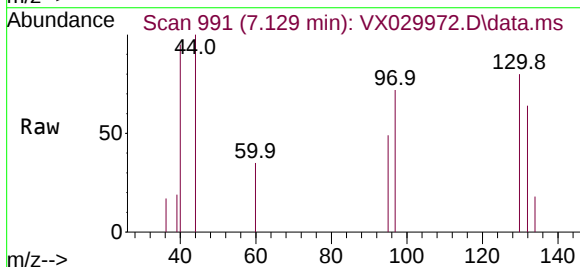
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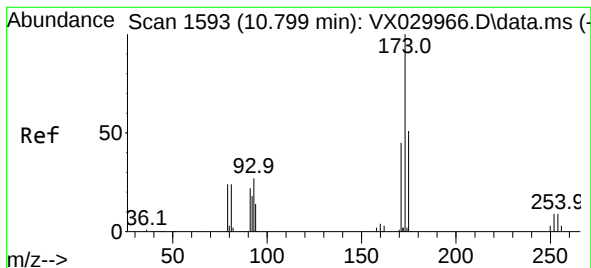
Tgt Ion: 77 Resp: 727
Ion Ratio Lower Upper
77 100
97 0.0 18.4 27.6#



#37
Trichloroethene
Concen: 0.217 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion:130 Resp: 578
Ion Ratio Lower Upper
130 100
95 61.3 76.5 114.7#





#56

Bromoform

Concen: 0.365 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.286 min

Lab File: VX029972.D

Acq: 08 Jul 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

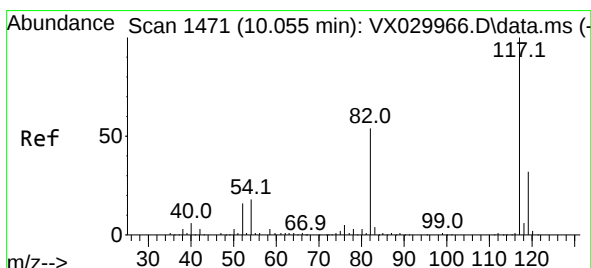
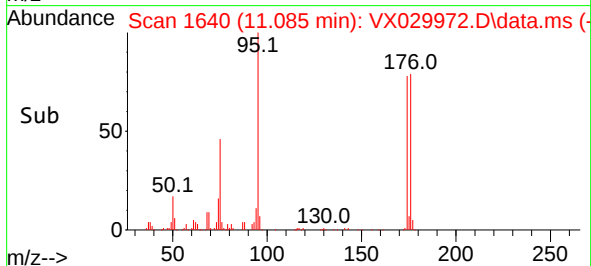
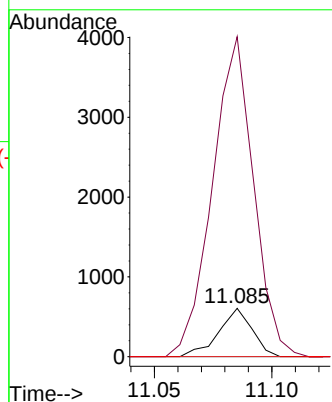
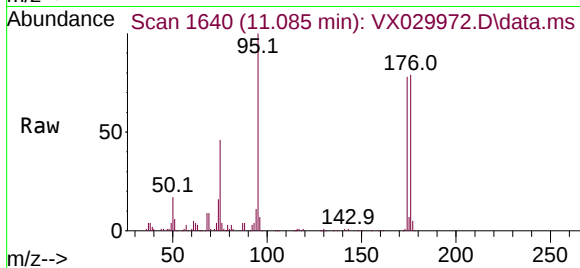
Tgt Ion:173 Resp: 603

Ion Ratio Lower Upper

173 100

175 811.1 40.3 60.5#

254 0.0 7.4 11.2#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX029972.D

Acq: 08 Jul 2022 14:47

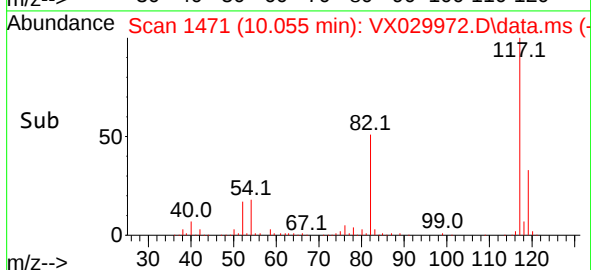
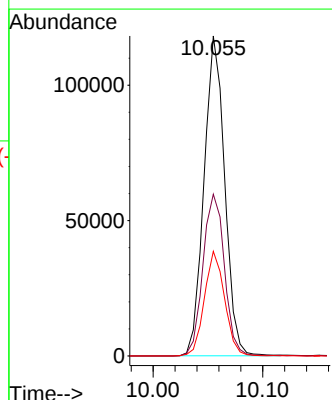
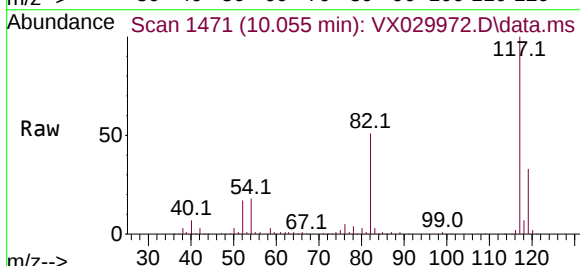
Tgt Ion:117 Resp: 154809

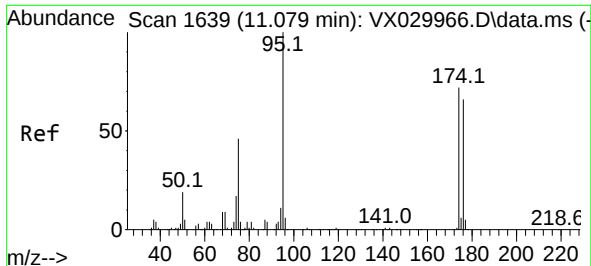
Ion Ratio Lower Upper

117 100

82 52.7 42.3 63.5

119 32.1 26.2 39.2

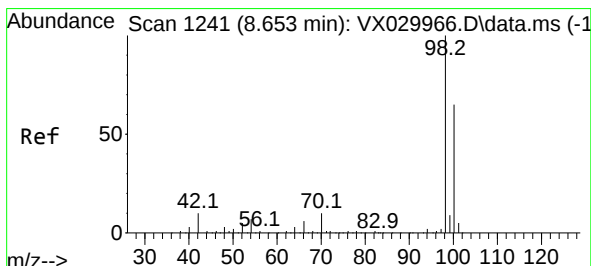
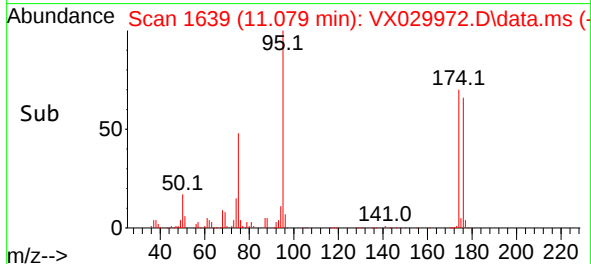
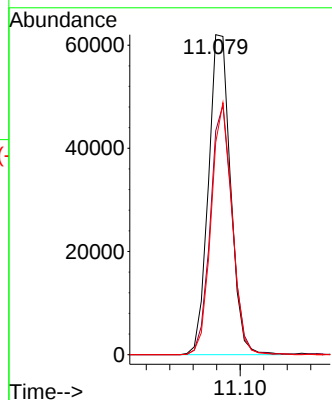
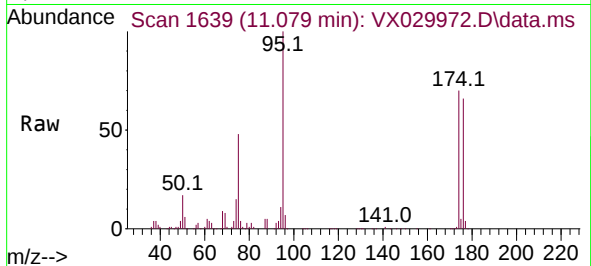




#60
4-Bromofluorobenzene
Concen: 27.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

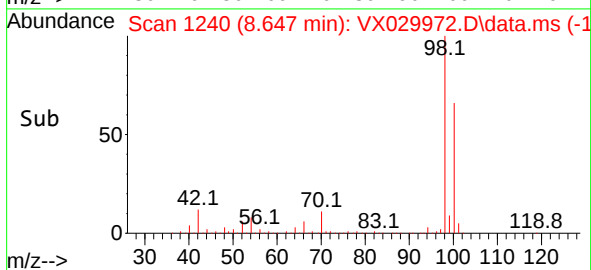
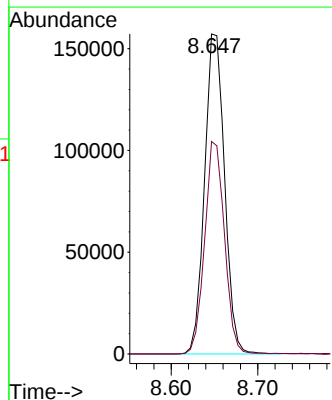
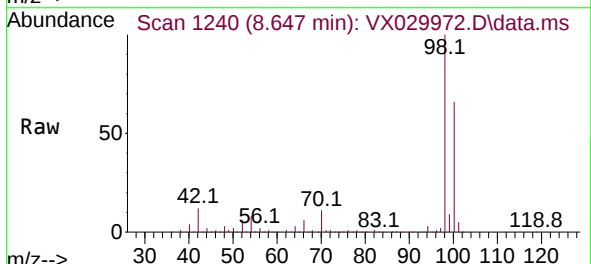
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

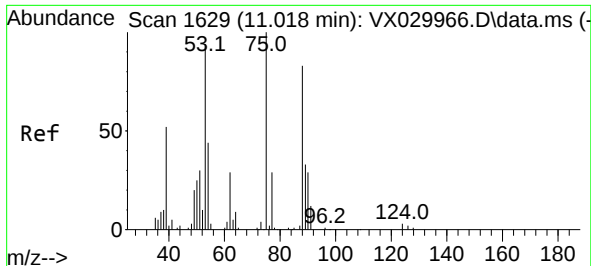
Tgt Ion: 95 Resp: 81122
Ion Ratio Lower Upper
95 100
174 76.7 65.4 98.2
176 74.7 63.4 95.0



#63
Toluene-d8
Concen: 30.058 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion: 98 Resp: 252322
Ion Ratio Lower Upper
98 100
100 65.7 51.4 77.2

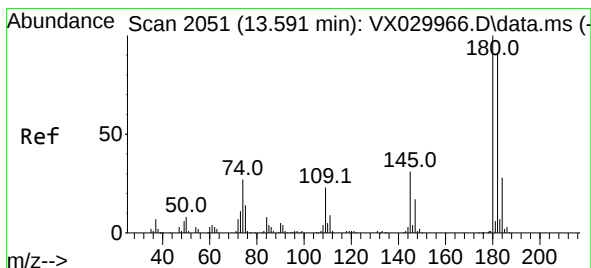
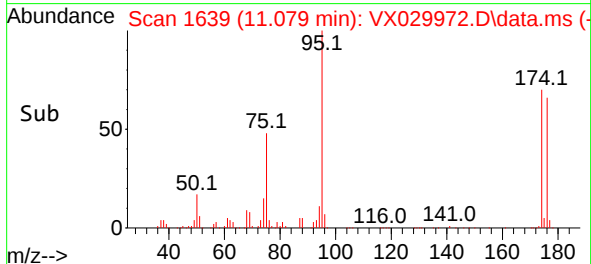
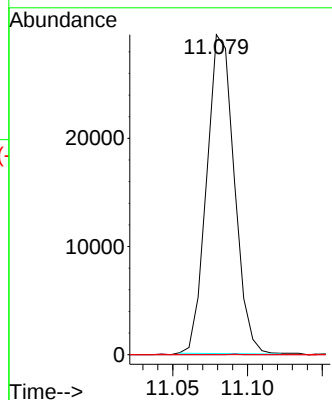
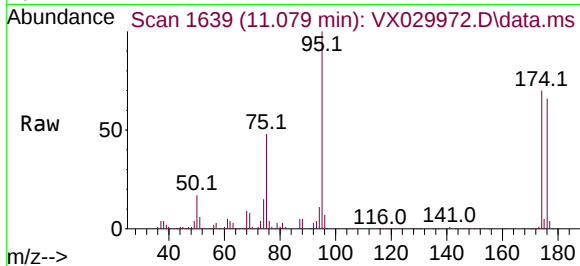




#77
t-1,4-Dichloro-2-butene
Concen: 31.513 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.061 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

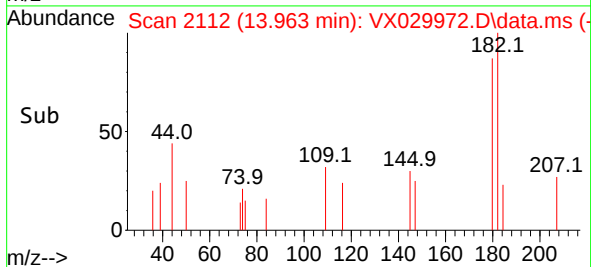
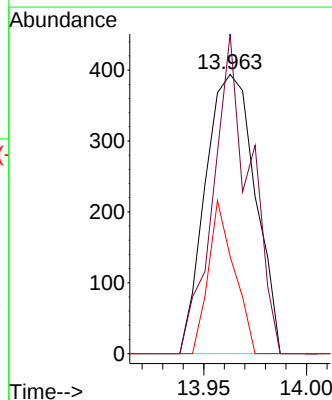
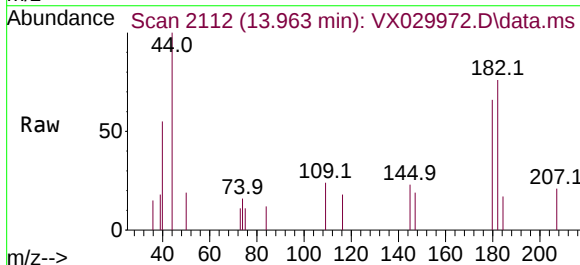
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

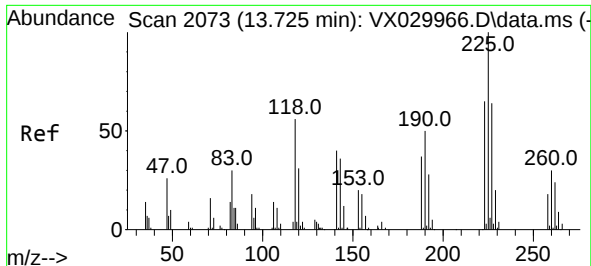
Tgt Ion: 75 Resp: 37724
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#



#89
1,2,4-Trichlorobenzene
Concen: 0.220 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.372 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion:180 Resp: 664
Ion Ratio Lower Upper
180 100
182 85.2 77.4 116.2
145 28.3 24.2 36.4

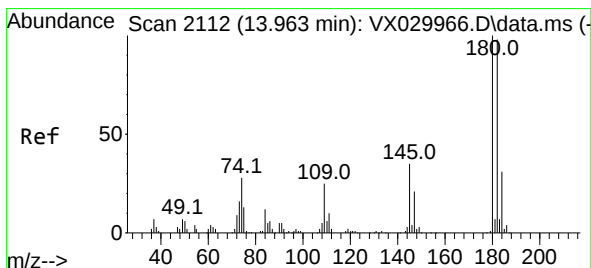
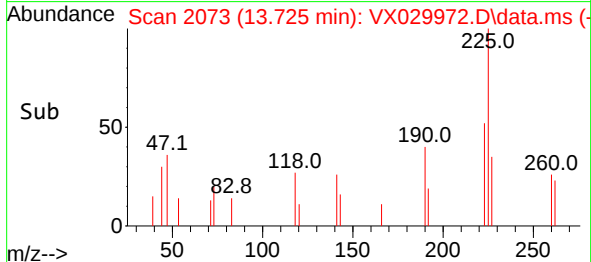
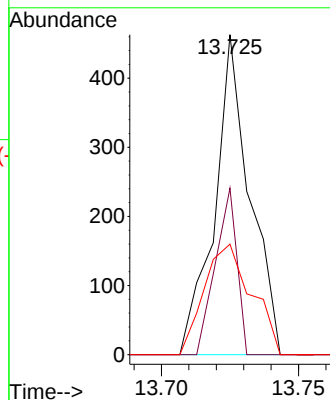
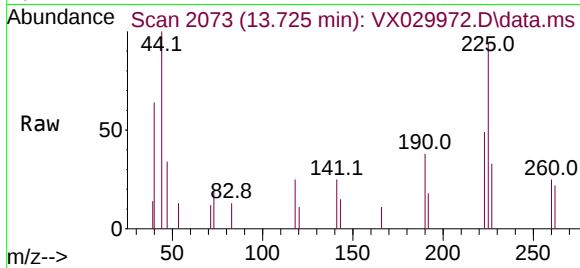




#90
Hexachlorobutadiene
Concen: 0.361 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

Tgt Ion:225	Resp:	414
Ion	Ratio	Lower Upper
225	100	
223	31.6	0.0 126.0
227	46.4	0.0 125.0



#92
1,2,3-Trichlorobenzene
Concen: 0.216 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX029972.D
Acq: 08 Jul 2022 14:47

Tgt Ion:180	Resp:	664
Ion	Ratio	Lower Upper
180	100	
182	85.2	0.0 189.4
145	28.3	0.0 67.2

