

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
 Data File : VX026399.D
 Acq On : 10 Jan 2022 13:42
 Operator : JC/MD
 Sample : VX0110WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

Quant Time: Jan 10 16:08:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 Response via : Initial Calibration

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

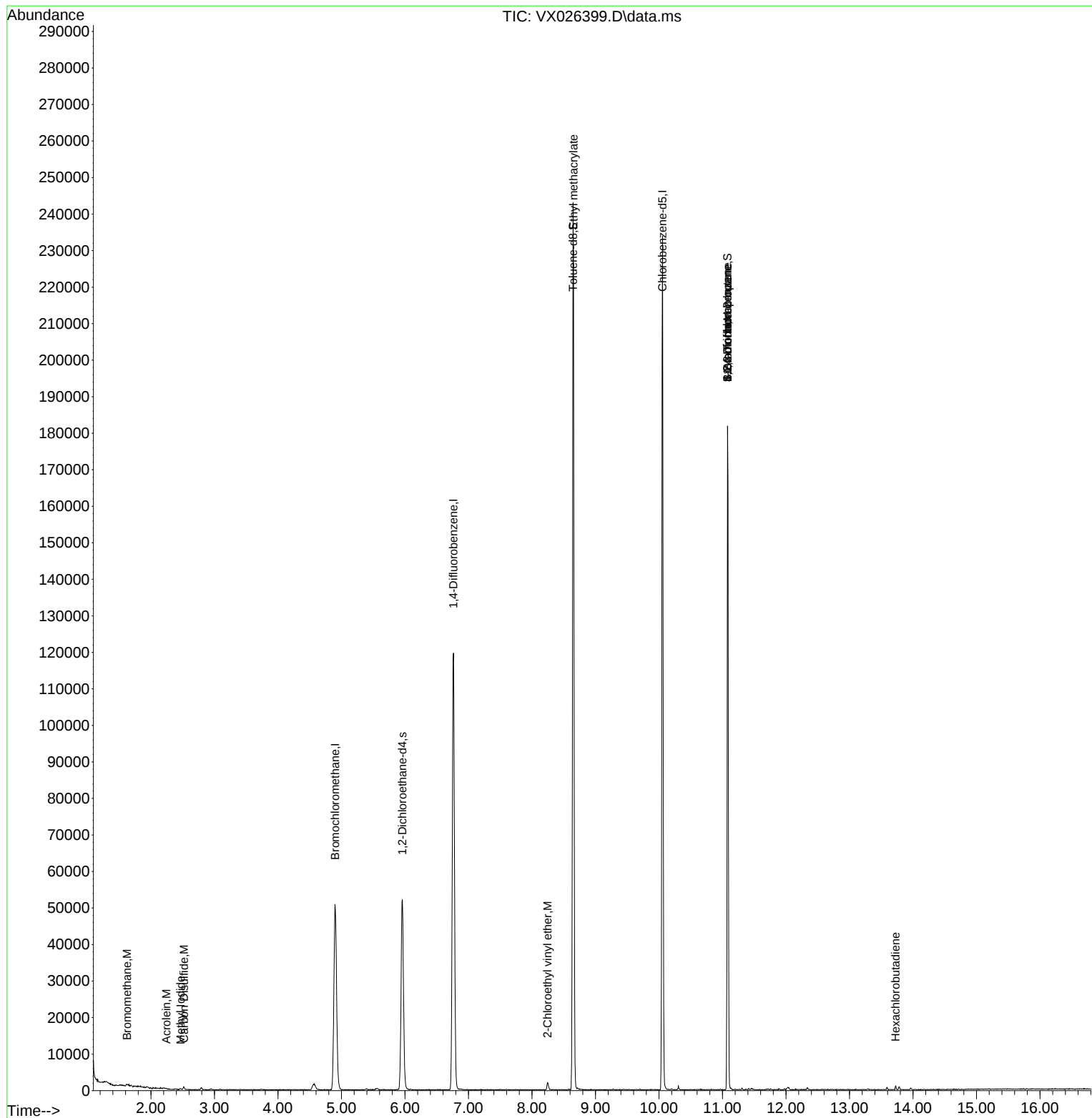
Internal Standards						
1) Bromochloromethane	4.898	128	21496	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	121988	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	102544	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	52396	30.313	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.033%
60) 4-Bromofluorobenzene	11.079	95	49718	29.052	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.833%
63) Toluene-d8	8.647	98	138861	29.477	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.267%
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	223	0.396	ug/l #	63
11) Methyl Iodide	2.465	142	308	0.245	ug/l #	87
13) Acrolein	2.240	56	86	0.343	ug/l #	13
16) Carbon Disulfide	2.520	76	953	0.292	ug/l #	75
51) Ethyl methacrylate	8.653	69	565	0.275	ug/l	89
55) 2-Chloroethyl vinyl ether	8.245	63	972	0.883	ug/l #	86
56) Bromoform	11.079	173	369	0.396	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	25374	15.503	ug/l	39
77) t-1,4-Dichloro-2-butene	11.079	75	25374	51.548	ug/l #	3
90) Hexachlorobutadiene	13.725	225	171	0.247	ug/l	61

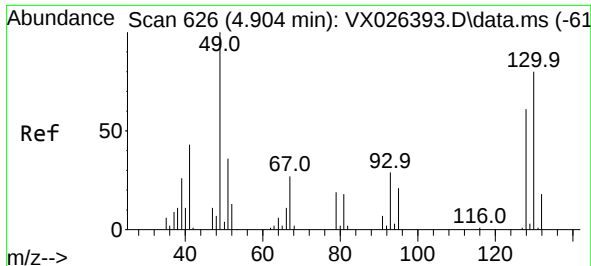
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011022\
Data File : VX026399.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Quant Time: Jan 10 16:08:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jan 10 12:50:55 2022
Response via : Initial Calibration

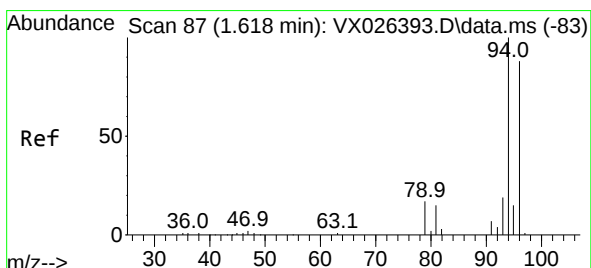
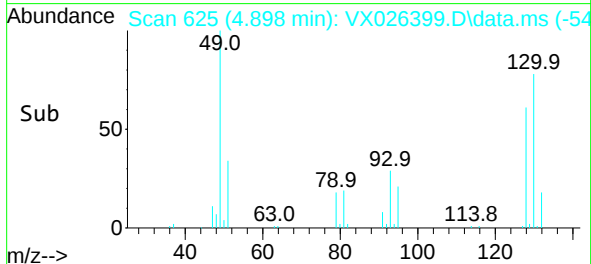
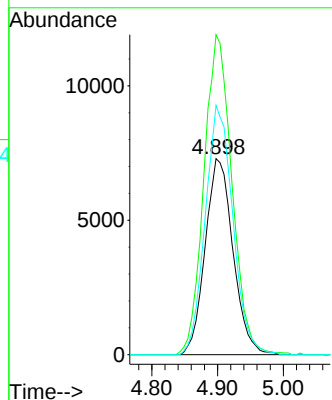
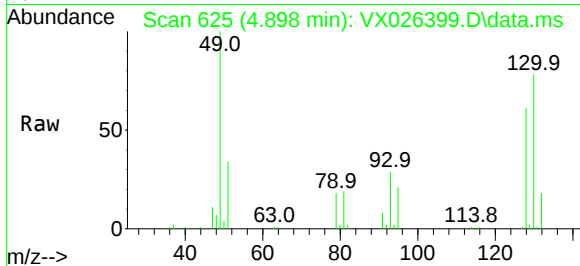




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.898 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VX026399.D
 Acq: 10 Jan 2022 13:42

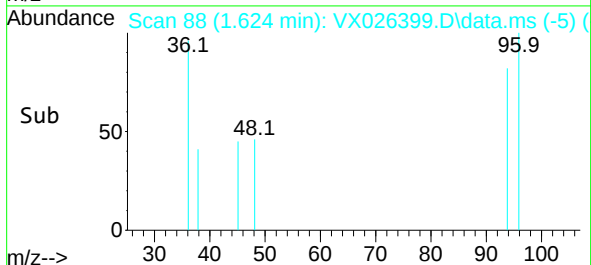
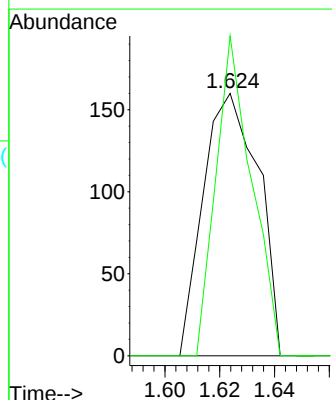
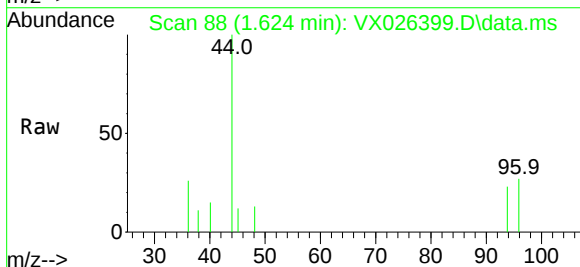
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

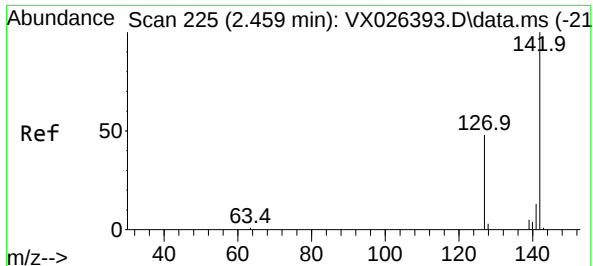
Tgt Ion:	128	Resp:	21496
Ion	Ratio	Lower	Upper
128	100		
49	163.7	0.0	413.5
130	126.2	0.0	326.0



#5
 Bromomethane
 Concen: 0.396 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.006 min
 Lab File: VX026399.D
 Acq: 10 Jan 2022 13:42

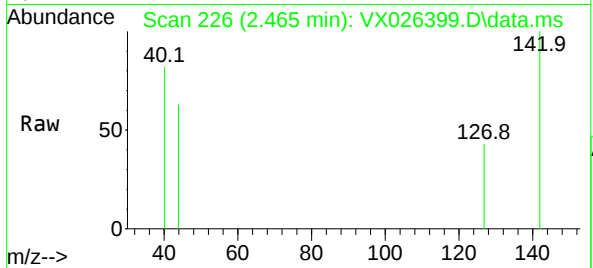
Tgt Ion:	94	Resp:	223
Ion	Ratio	Lower	Upper
94	100		
96	121.9	70.3	105.5



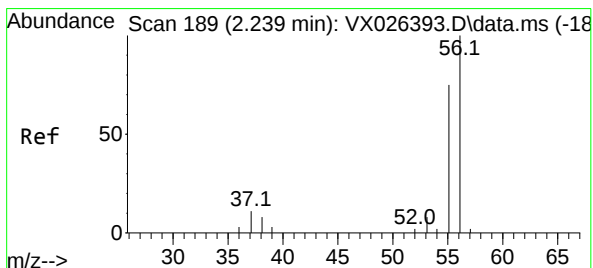
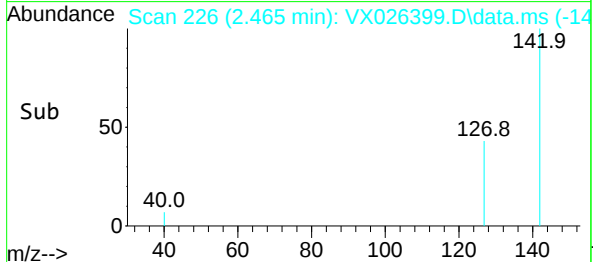
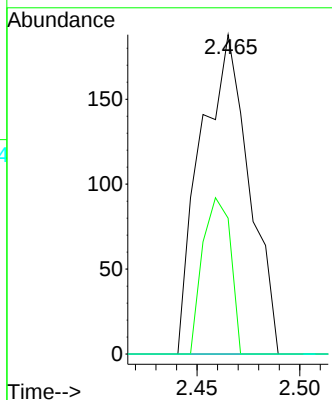


#11
Methyl Iodide
Concen: 0.245 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

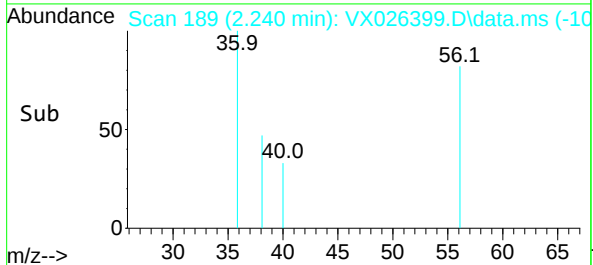
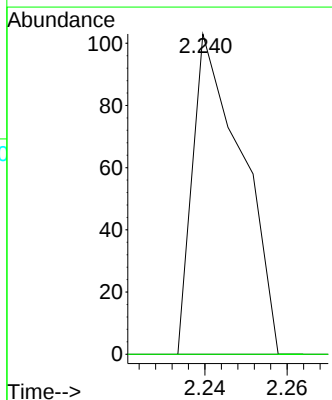
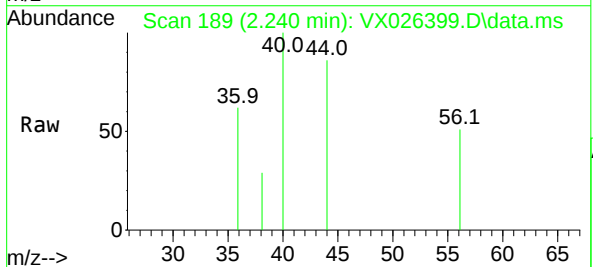


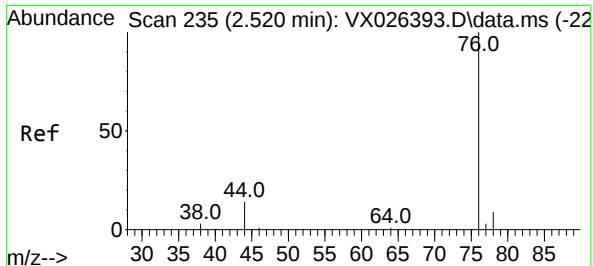
Tgt Ion:142 Resp: 308
Ion Ratio Lower Upper
142 100
127 42.6 23.9 71.7
141 0.0 6.7 20.1#



#13
Acrolein
Concen: 0.343 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.2#

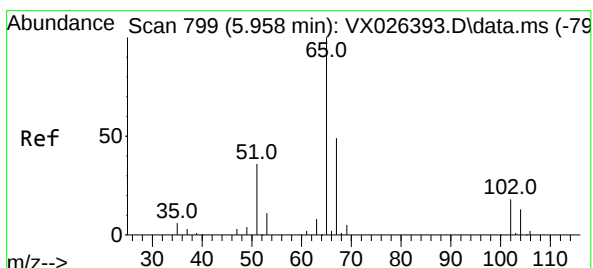
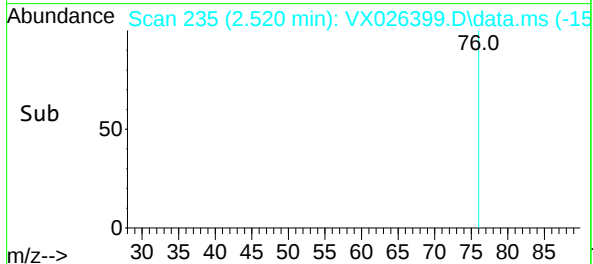
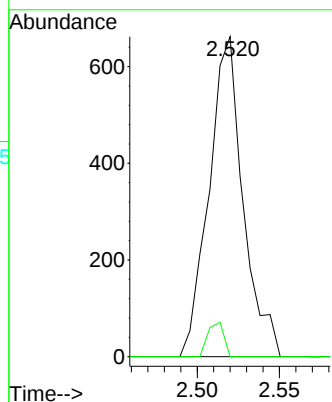
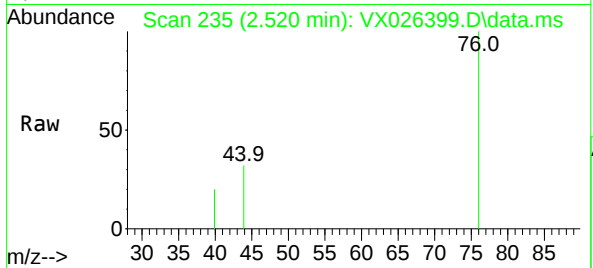




#16
Carbon Disulfide
Concen: 0.292 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

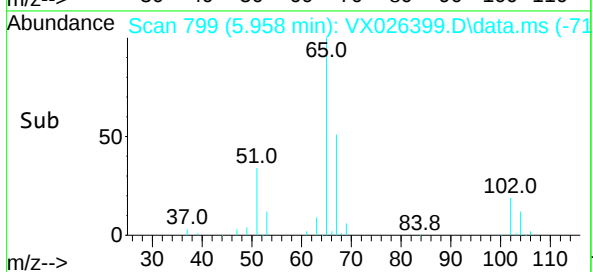
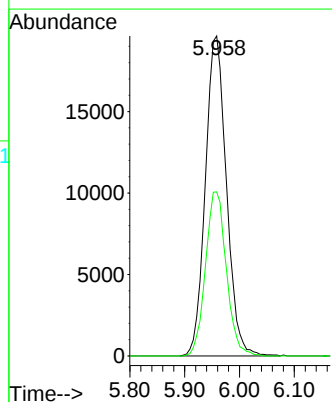
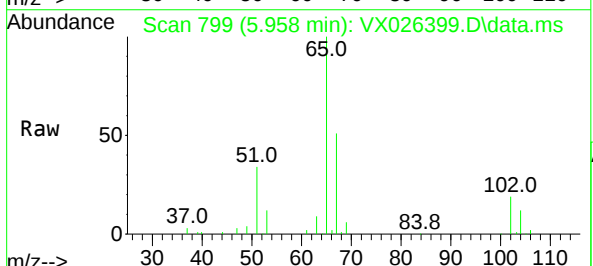
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

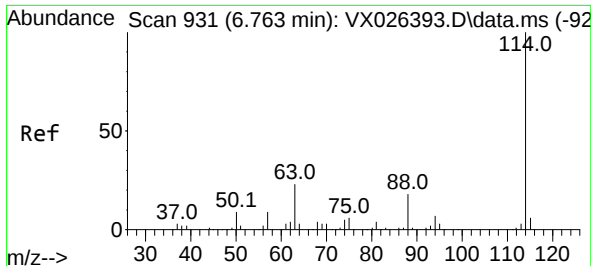
Tgt Ion: 76 Resp: 953
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#27
1,2-Dichloroethane-d4
Concen: 30.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Tgt Ion: 65 Resp: 52396
Ion Ratio Lower Upper
65 100
67 50.8 39.6 59.4

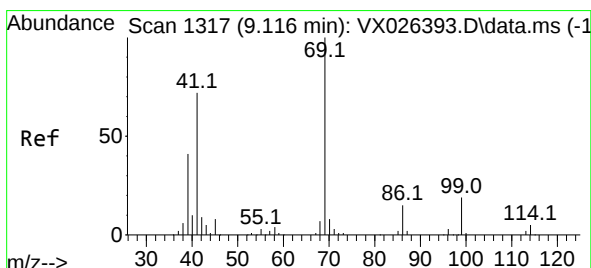
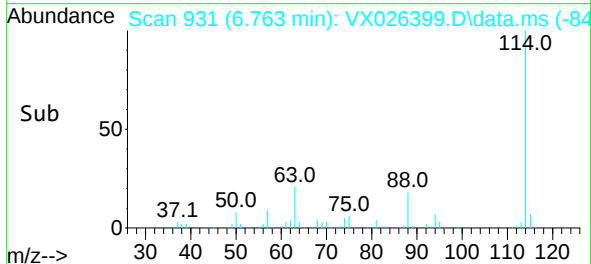
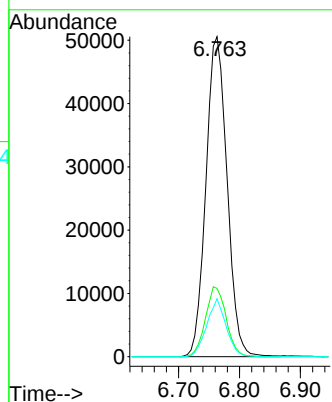
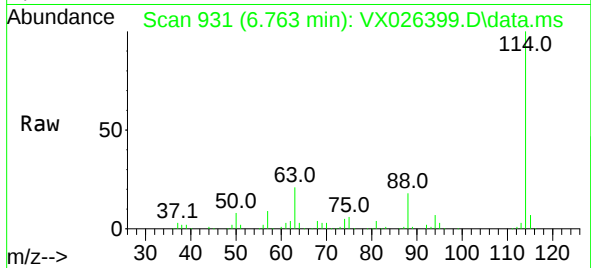




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VX026399.D
 Acq: 10 Jan 2022 13:42

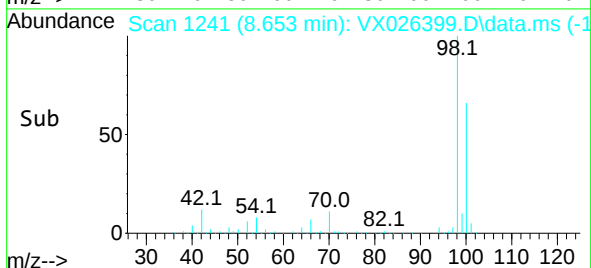
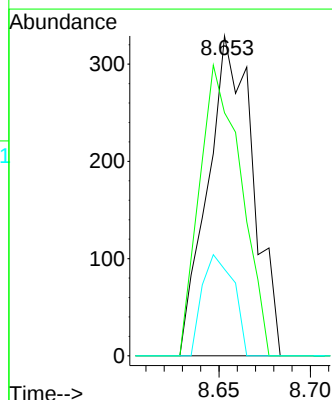
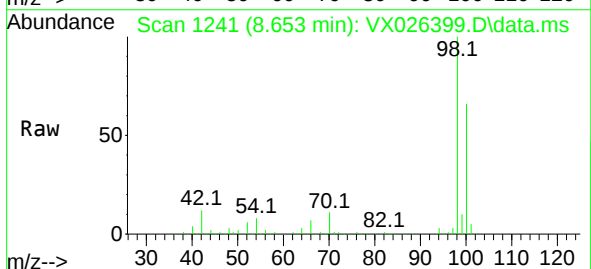
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBL01

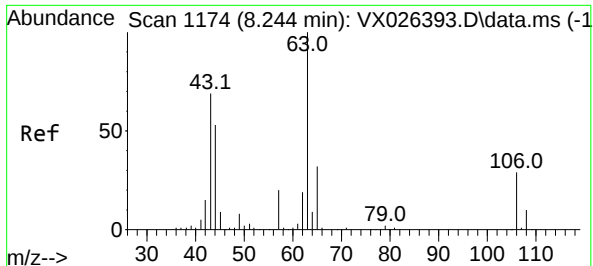
Tgt Ion:114 Resp: 121988
 Ion Ratio Lower Upper
 114 100
 63 21.4 17.4 26.2
 88 16.6 13.5 20.3



#51
 Ethyl methacrylate
 Concen: 0.275 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.463 min
 Lab File: VX026399.D
 Acq: 10 Jan 2022 13:42

Tgt Ion: 69 Resp: 565
 Ion Ratio Lower Upper
 69 100
 41 76.0 35.9 107.7
 39 27.1 20.3 61.0





#55

2-Chloroethyl vinyl ether

Concen: 0.883 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX026399.D

Acq: 10 Jan 2022 13:42

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBL01

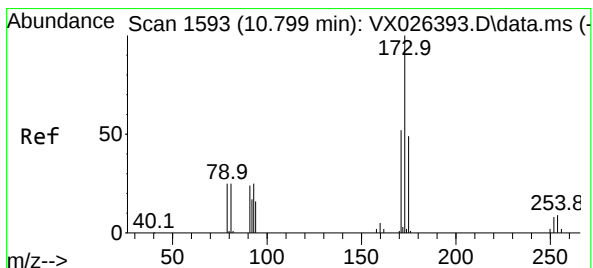
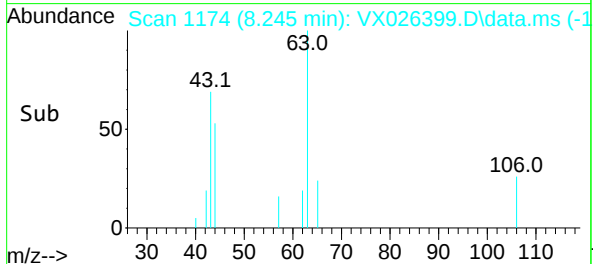
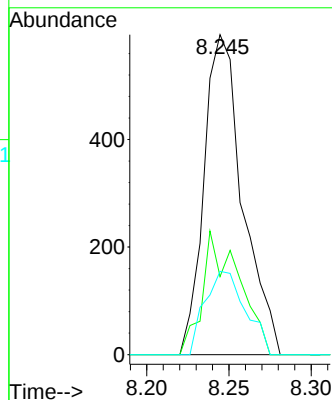
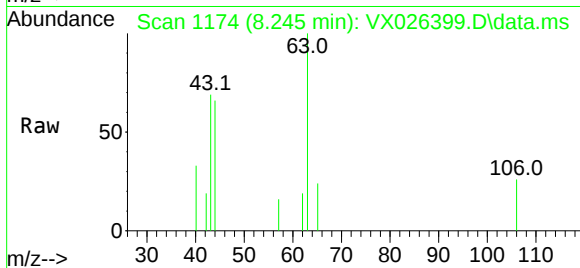
Tgt Ion: 63 Resp: 972

Ion Ratio Lower Upper

63 100

65 18.5 25.4 38.2#

106 27.4 23.1 34.7



#56

Bromoform

Concen: 0.396 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.281 min

Lab File: VX026399.D

Acq: 10 Jan 2022 13:42

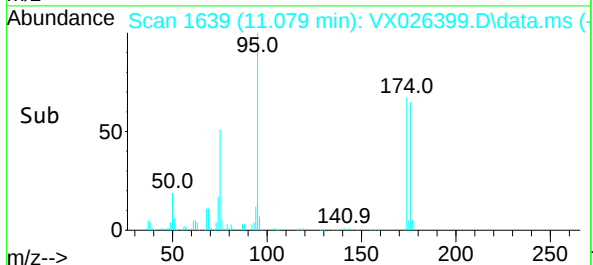
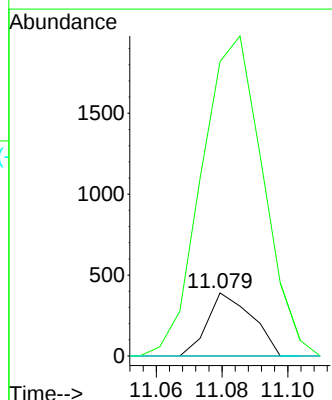
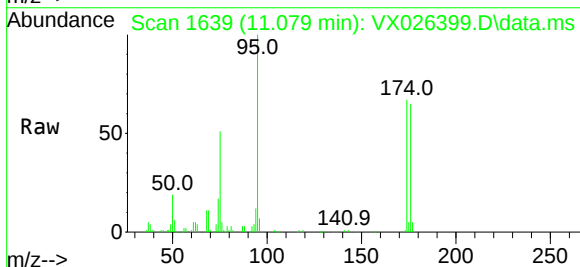
Tgt Ion: 173 Resp: 369

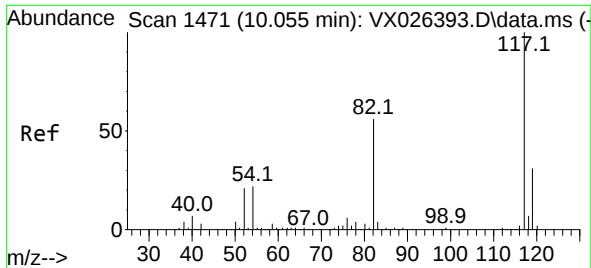
Ion Ratio Lower Upper

173 100

175 695.4 38.0 57.0#

254 0.0 6.6 10.0#

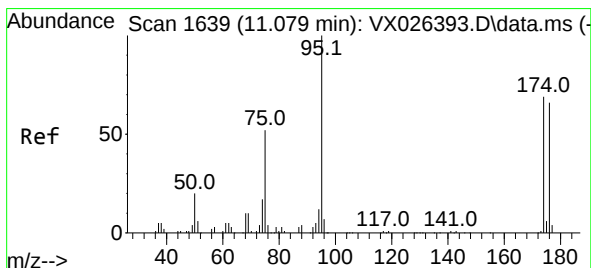
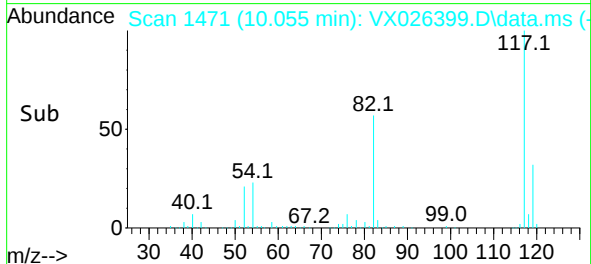
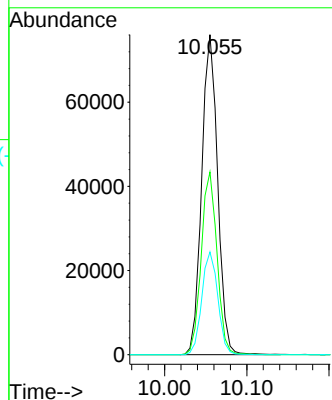
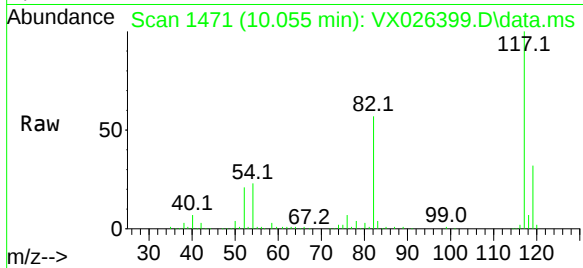




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

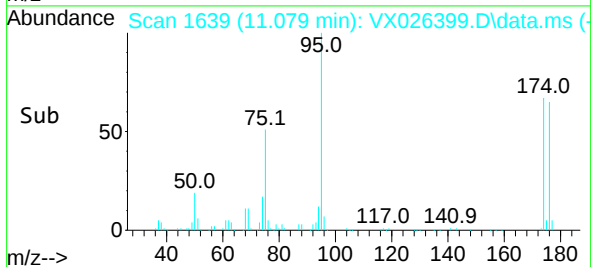
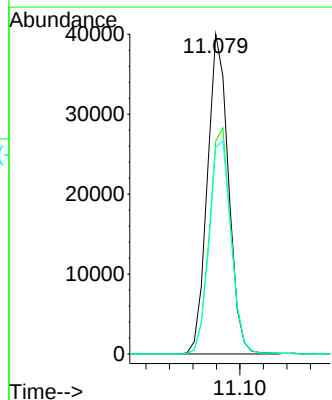
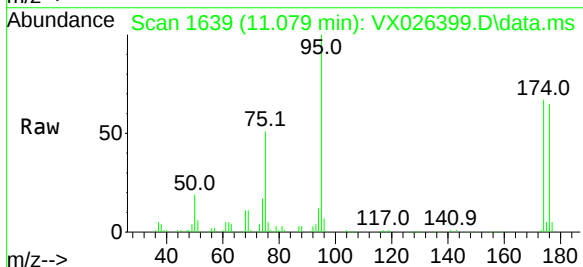
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

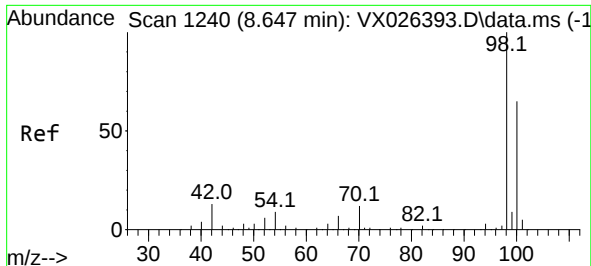
Tgt Ion:117 Resp: 102544
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.2 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 29.052 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Tgt Ion: 95 Resp: 49718
Ion Ratio Lower Upper
95 100
174 72.0 58.0 87.0
176 69.5 56.5 84.7

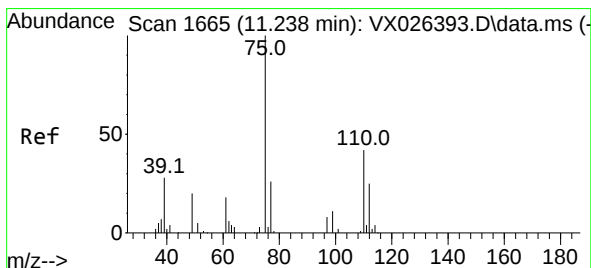
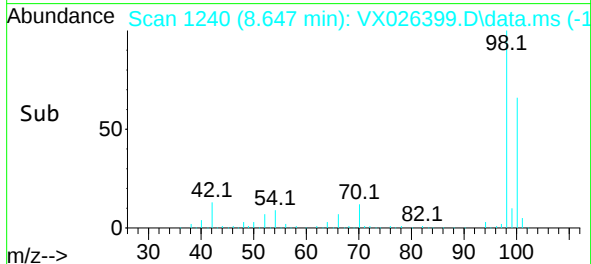
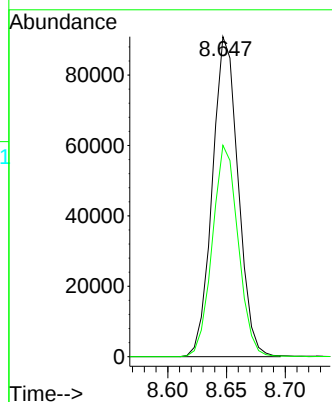
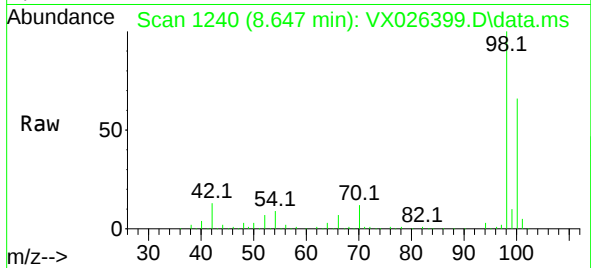




#63
Toluene-d8
Concen: 29.477 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

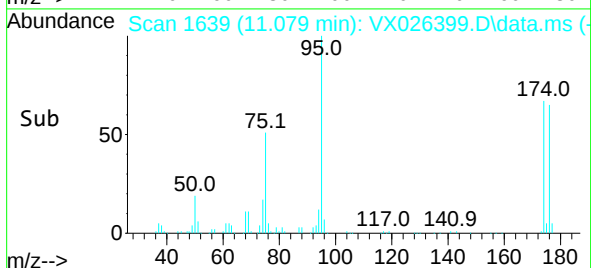
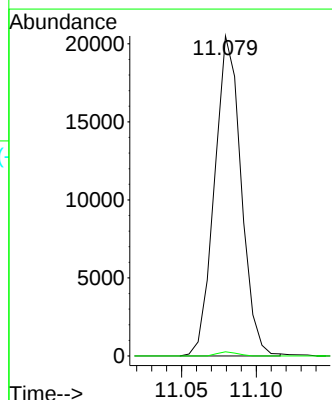
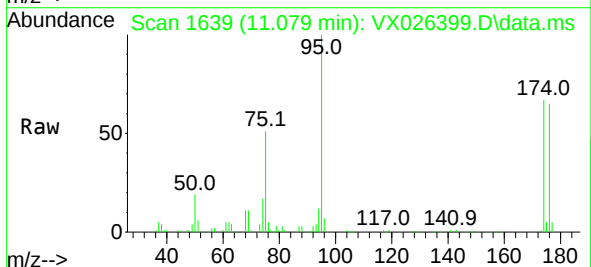
Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

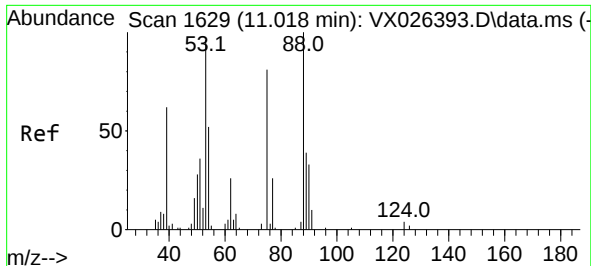
Tgt Ion: 98 Resp: 138861
Ion Ratio Lower Upper
98 100
100 66.2 52.5 78.7



#72
1,2,3-Trichloropropane
Concen: 15.503 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Tgt Ion: 75 Resp: 25374
Ion Ratio Lower Upper
75 100
77 1.0 0.0 76.2

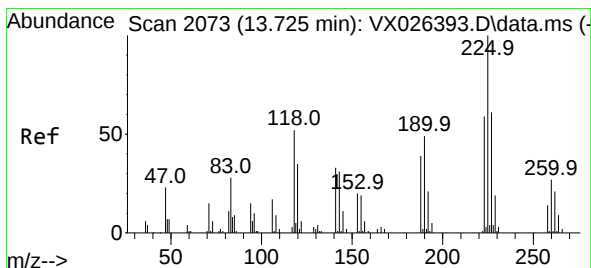
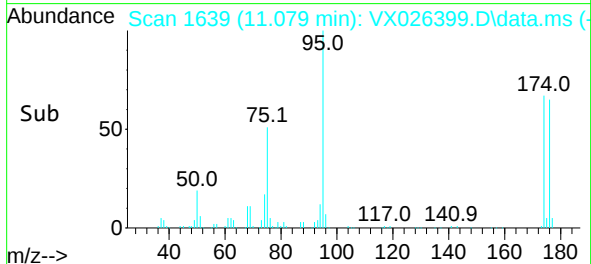
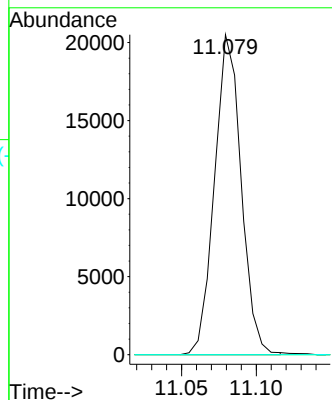
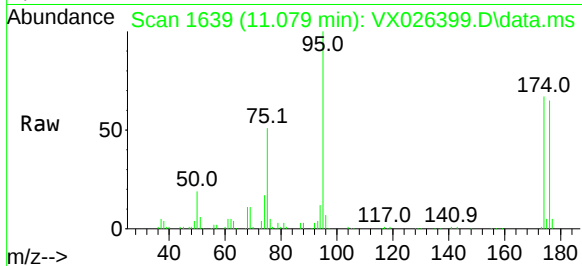




#77
t-1,4-Dichloro-2-butene
Concen: 51.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBL01

Tgt Ion: 75 Resp: 25374
Ion Ratio Lower Upper
75 100
53 0.0 59.0 176.8#
89 0.0 24.0 72.0#



#90
Hexachlorobutadiene
Concen: 0.247 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX026399.D
Acq: 10 Jan 2022 13:42

Tgt Ion: 225 Resp: 171
Ion Ratio Lower Upper
225 100
223 80.7 0.0 121.6
227 100.6 0.0 122.8

