

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028619.D
 Acq On : 11 May 2022 13:50
 Operator : JC/MD
 Sample : N2761-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP04

Quant Time: May 12 04:55:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 29 06:09:36 2022
 Response via : Initial Calibration

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

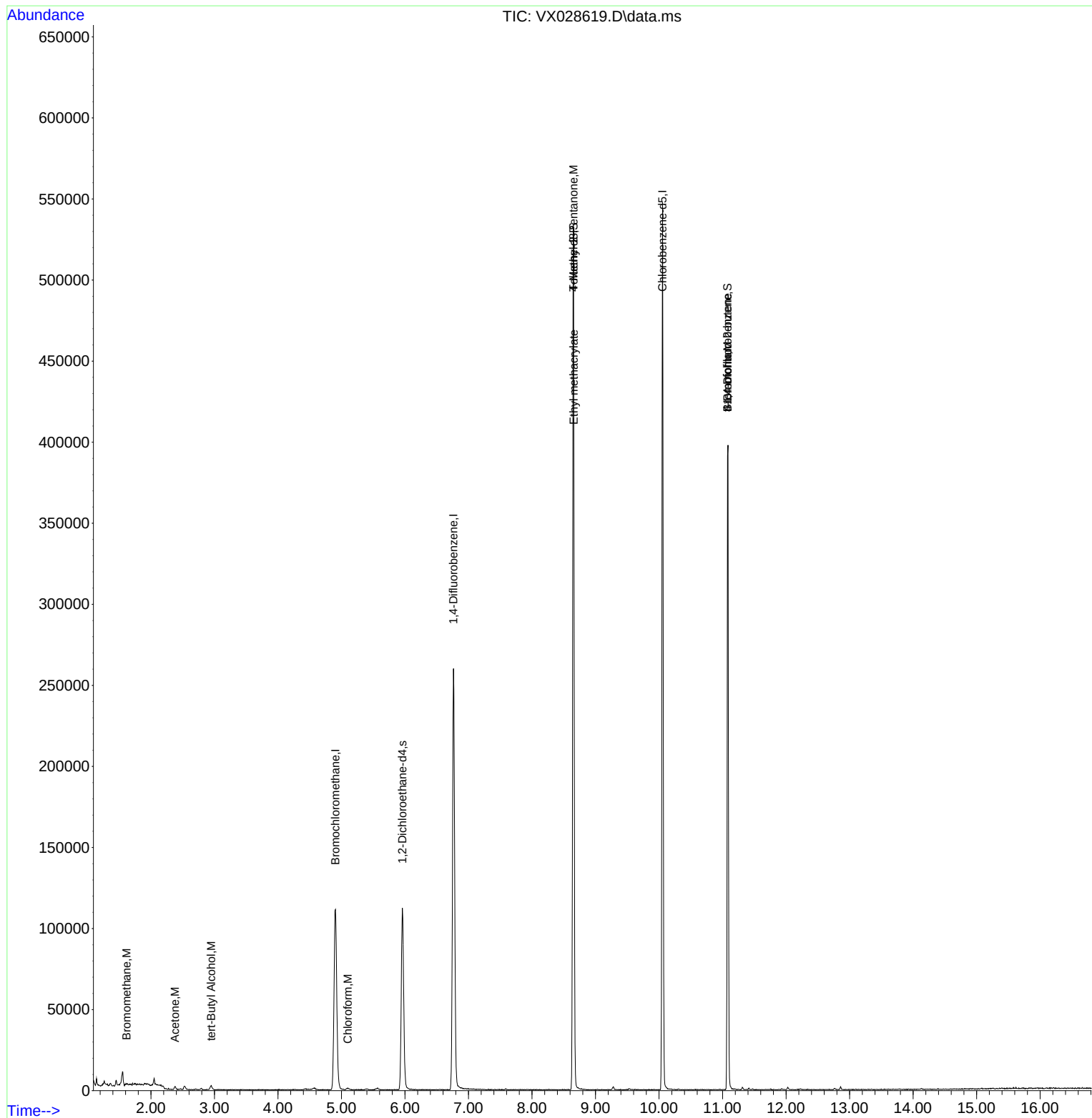
Internal Standards						
1) Bromochloromethane	4.904	128	52003	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	277868	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	248972	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	105206	31.811	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.033%	
60) 4-Bromofluorobenzene	11.079	95	106089	27.400	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 91.333%	
63) Toluene-d8	8.653	98	320738	30.410	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 101.367%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	595	0.392	ug/l #	55
15) Acetone	2.380	58	593	1.469	ug/l	88
23) tert-Butyl Alcohol	2.947	59	1281	1.665	ug/l #	100
25) Chloroform	5.099	83	1175	0.231	ug/l	92
51) Ethyl methacrylate	8.659	69	1006	0.236	ug/l	69
56) Bromoform	11.079	173	1084	0.461	ug/l #	1
58) 4-Methyl-2-Pentanone	8.653	43	1424	0.393	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	52593	42.608	ug/l #	3

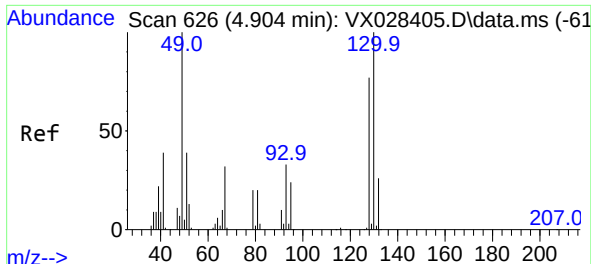
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
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TWP04

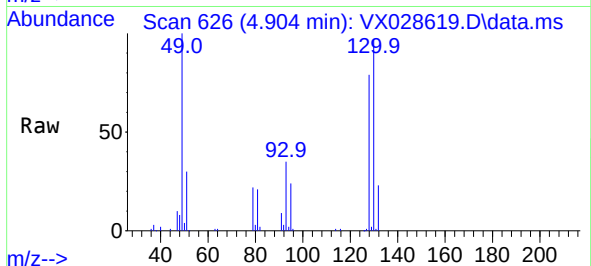
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 2022
Response via : Initial Calibration



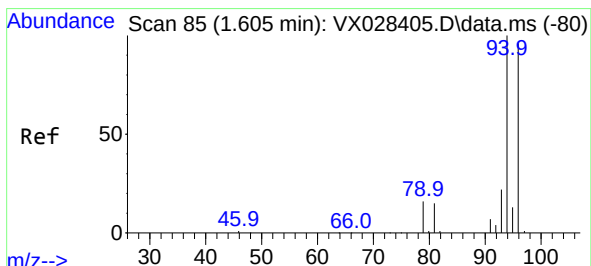
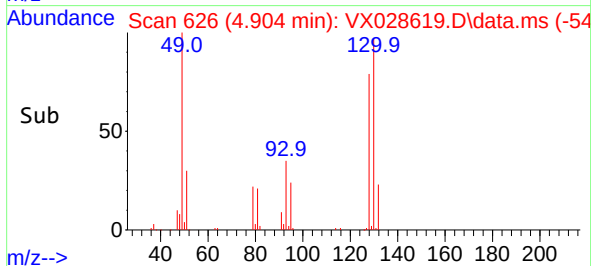
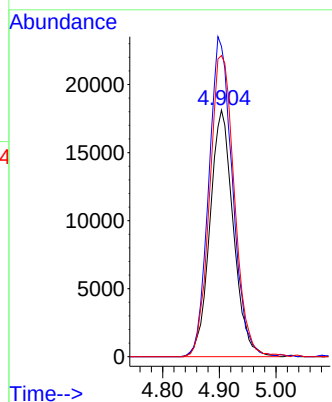


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
TWP04

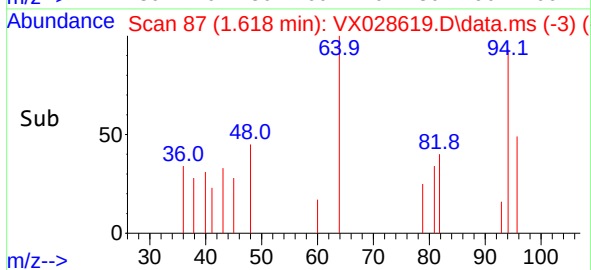
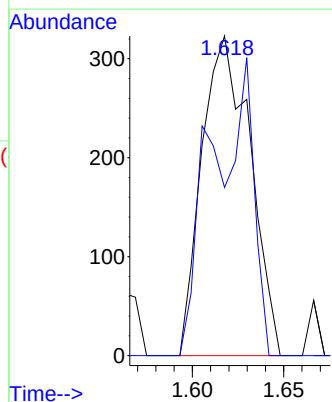
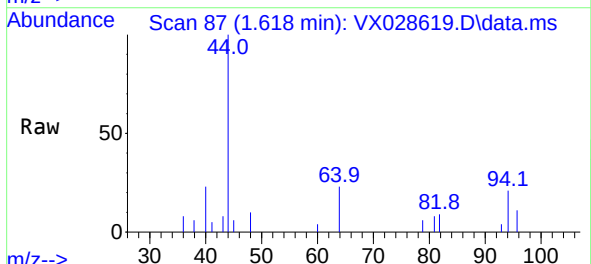


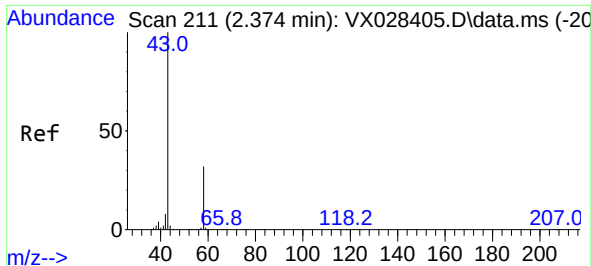
Tgt Ion:128 Resp: 52003
Ion Ratio Lower Upper
128 100
49 131.0 0.0 358.3
130 128.7 0.0 319.3



#5
Bromomethane
Concen: 0.392 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 52.6 77.0 115.6#

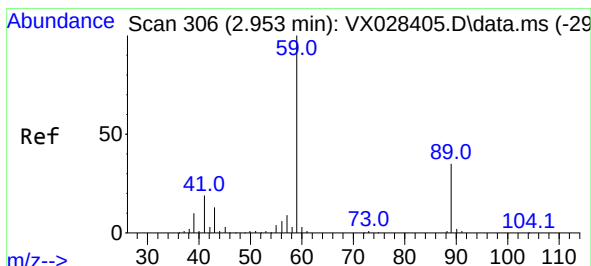
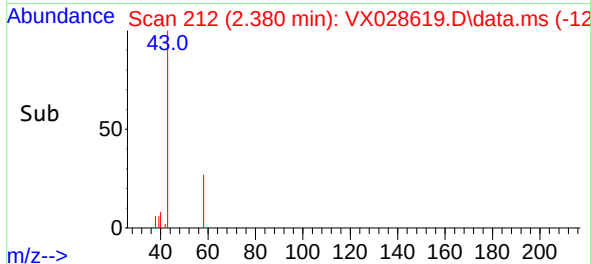
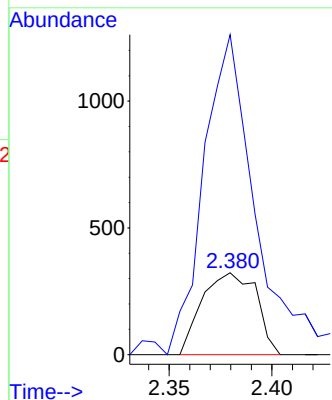
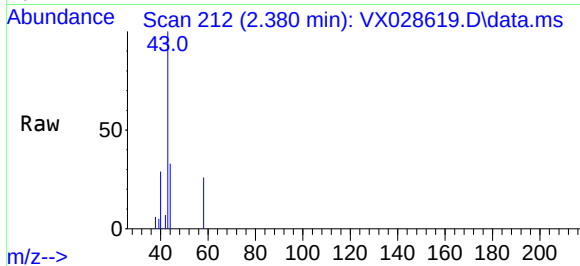




#15
Acetone
Concen: 1.469 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

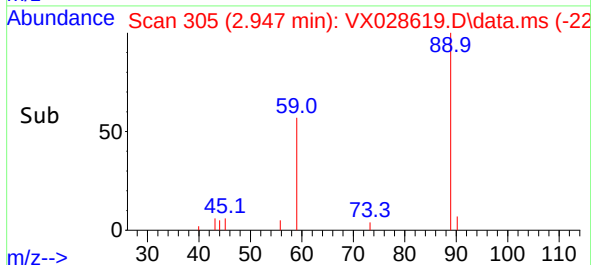
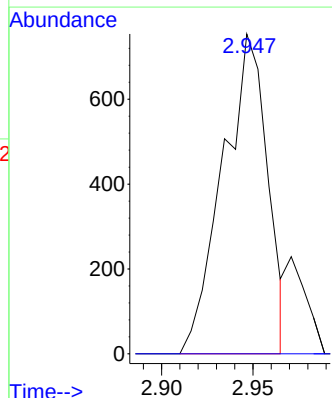
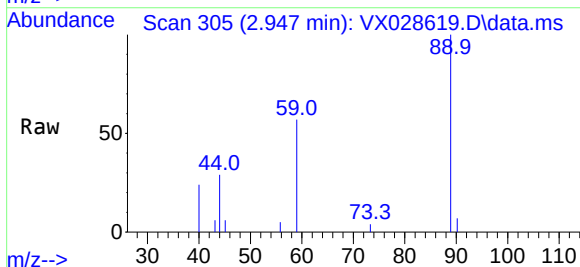
Instrument :
MSVOA_X
ClientSampleId :
TWP04

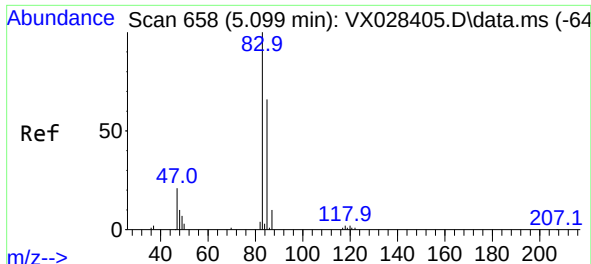
Tgt Ion: 58 Resp: 593
Ion Ratio Lower Upper
58 100
43 337.8 250.2 375.2



#23
tert-Butyl Alcohol
Concen: 1.665 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 59 Resp: 1281
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

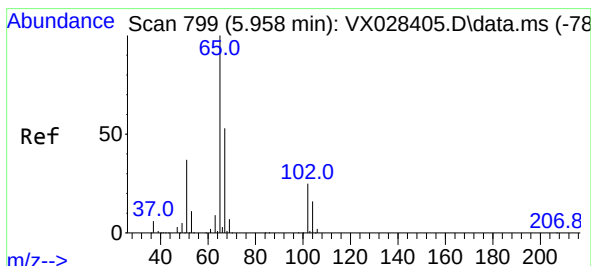
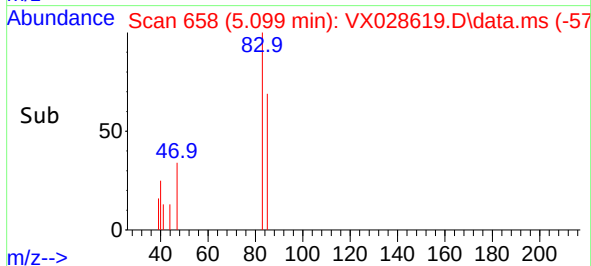
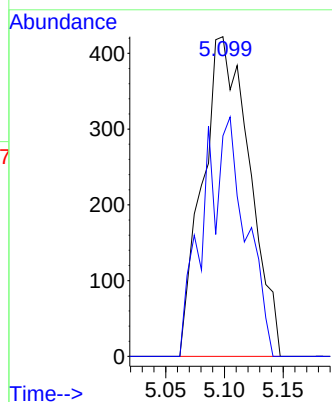
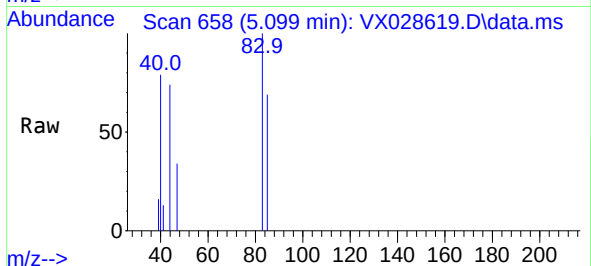




#25
Chloroform
Concen: 0.231 ug/l
RT: 5.099 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

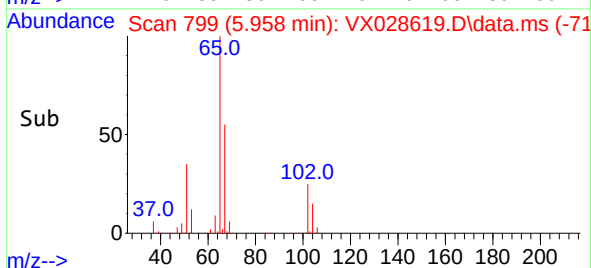
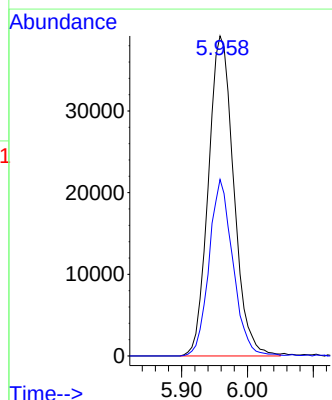
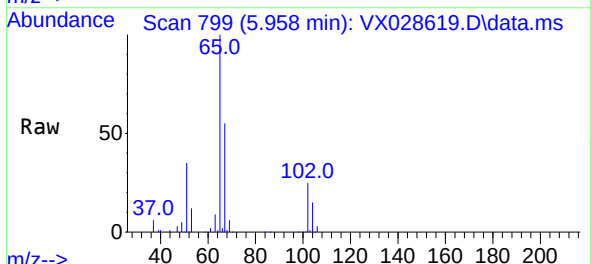
Instrument :
MSVOA_X
ClientSampleId :
TWP04

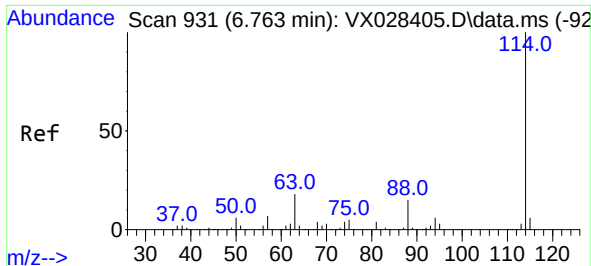
Tgt Ion: 83 Resp: 1175
Ion Ratio Lower Upper
83 100
85 69.0 49.9 74.9



#27
1,2-Dichloroethane-d4
Concen: 31.811 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 65 Resp: 105206
Ion Ratio Lower Upper
65 100
67 51.6 42.3 63.5

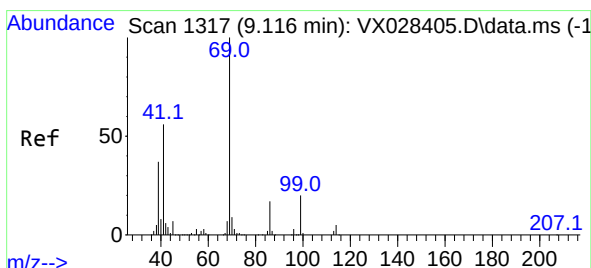
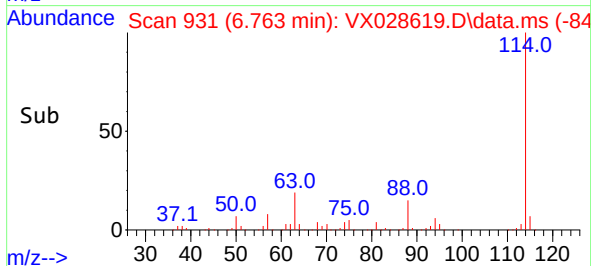
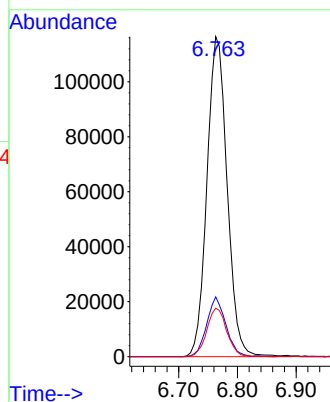
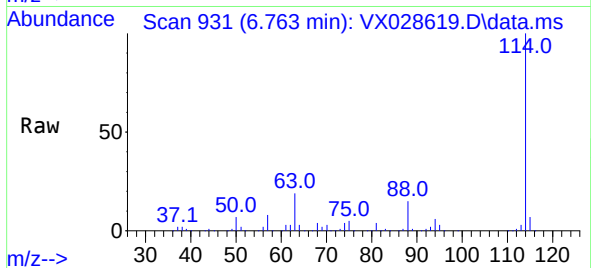




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

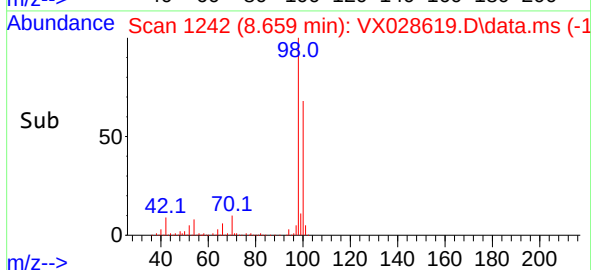
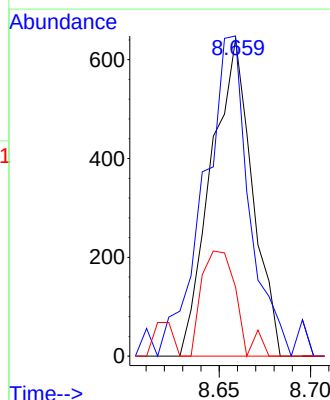
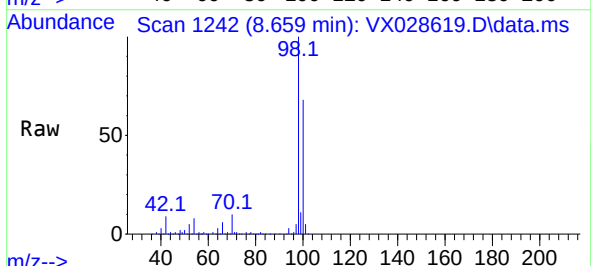
Instrument :
MSVOA_X
ClientSampleId :
TWP04

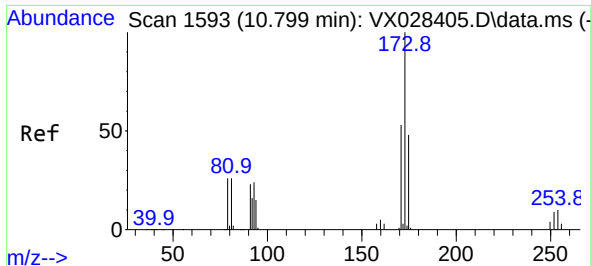
Tgt Ion:114 Resp: 277868
Ion Ratio Lower Upper
114 100
63 17.7 15.3 22.9
88 14.9 12.2 18.4



#51
Ethyl methacrylate
Concen: 0.236 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. -0.457 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 69 Resp: 1006
Ion Ratio Lower Upper
69 100
41 90.8 32.1 96.5
39 21.8 18.3 54.9

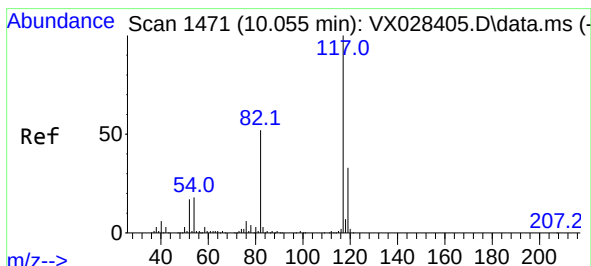
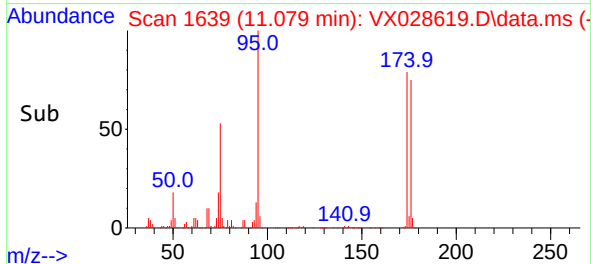
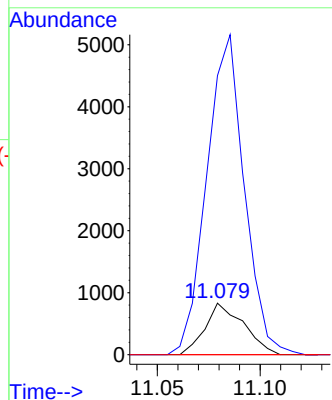
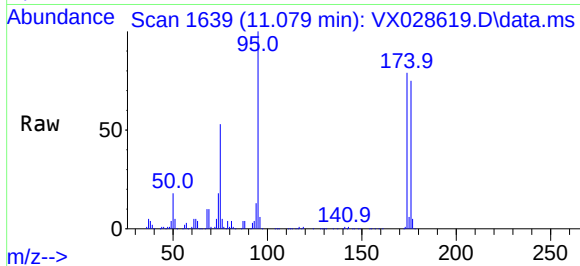




#56
Bromoform
Concen: 0.461 ug/l
RT: 11.079 min Scan# 11084
Delta R.T. 0.280 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

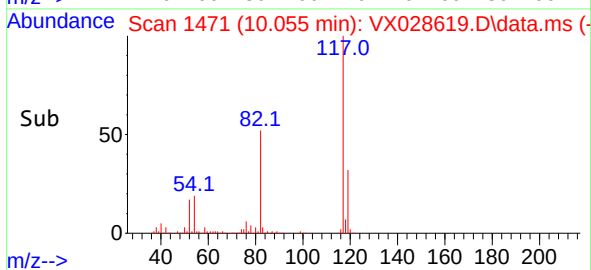
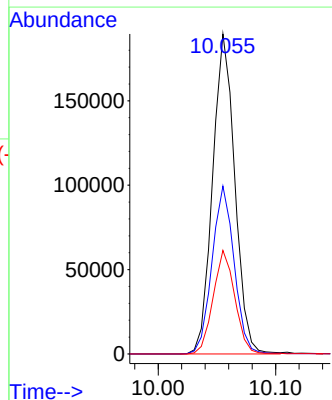
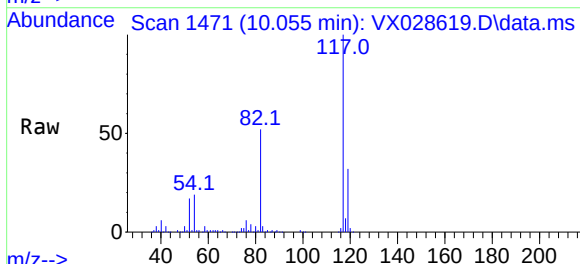
Instrument :
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ClientSampleId :
TWP04

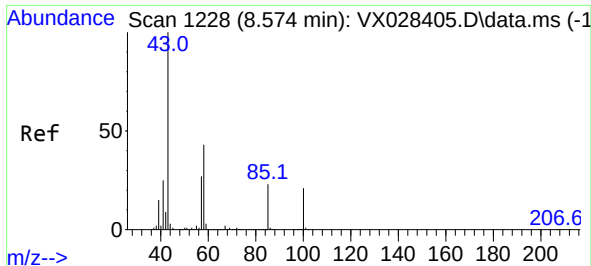
Tgt Ion:	173	Resp:	1084
Ion	Ratio	Lower	Upper
173	100		
175	605.4	40.3	60.5#
254	0.0	7.4	11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion:	117	Resp:	248972
Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.3	63.5
119	31.6	26.2	39.2





#58

4-Methyl-2-Pentanone

Concen: 0.393 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX028619.D

Acq: 11 May 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

TWP04

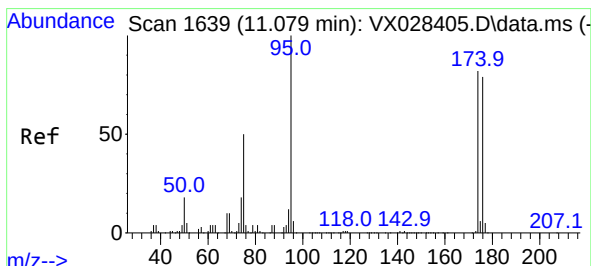
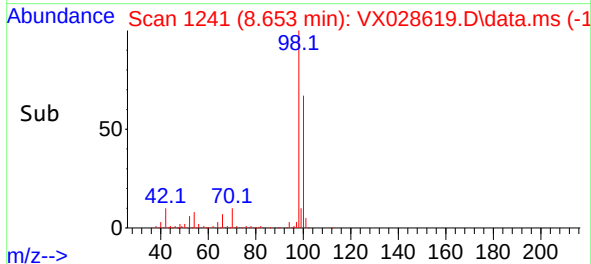
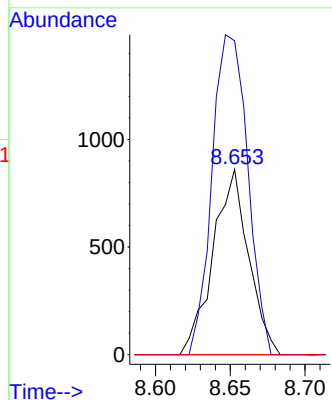
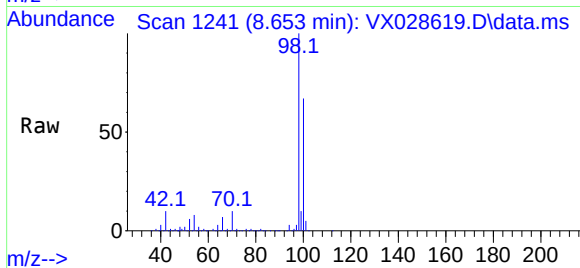
Tgt Ion: 43 Resp: 1424

Ion Ratio Lower Upper

43 100

58 173.0 31.8 47.6#

85 0.0 15.8 23.6#



#60

4-Bromofluorobenzene

Concen: 27.400 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX028619.D

Acq: 11 May 2022 13:50

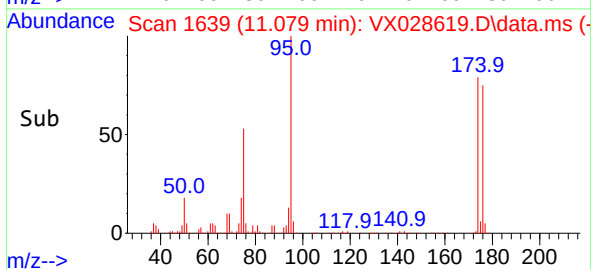
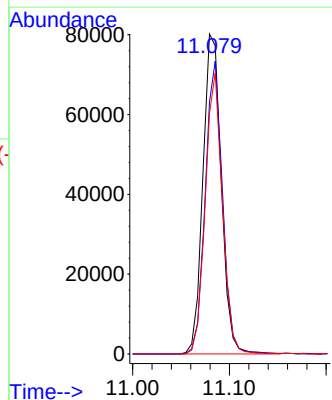
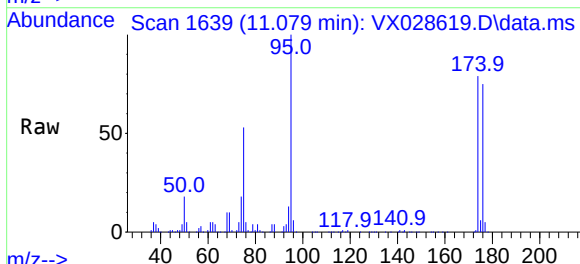
Tgt Ion: 95 Resp: 106089

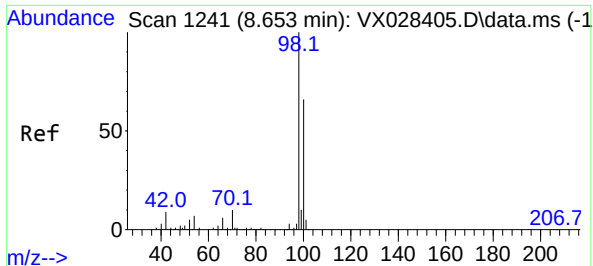
Ion Ratio Lower Upper

95 100

174 86.4 65.4 98.2

176 82.4 63.4 95.0

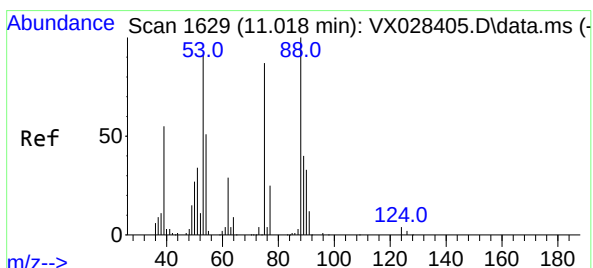
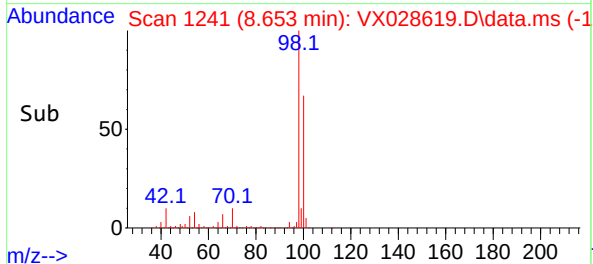
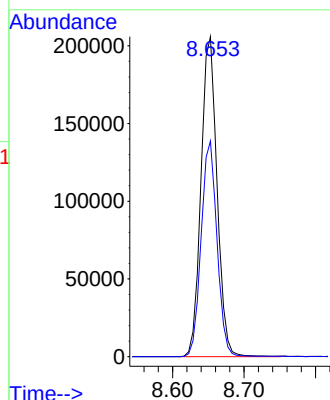
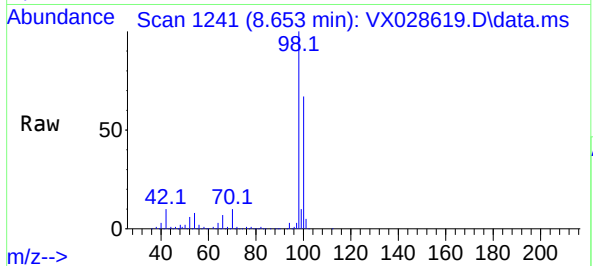




#63
Toluene-d8
Concen: 30.410 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
TWP04

Tgt Ion: 98 Resp: 320738
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.2



#77
t-1,4-Dichloro-2-butene
Concen: 42.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028619.D
Acq: 11 May 2022 13:50

Tgt Ion: 75 Resp: 52593
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#

