

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028620.D
 Acq On : 11 May 2022 14:13
 Operator : JC/MD
 Sample : N2761-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP05

Quant Time: May 12 04:55:50 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)

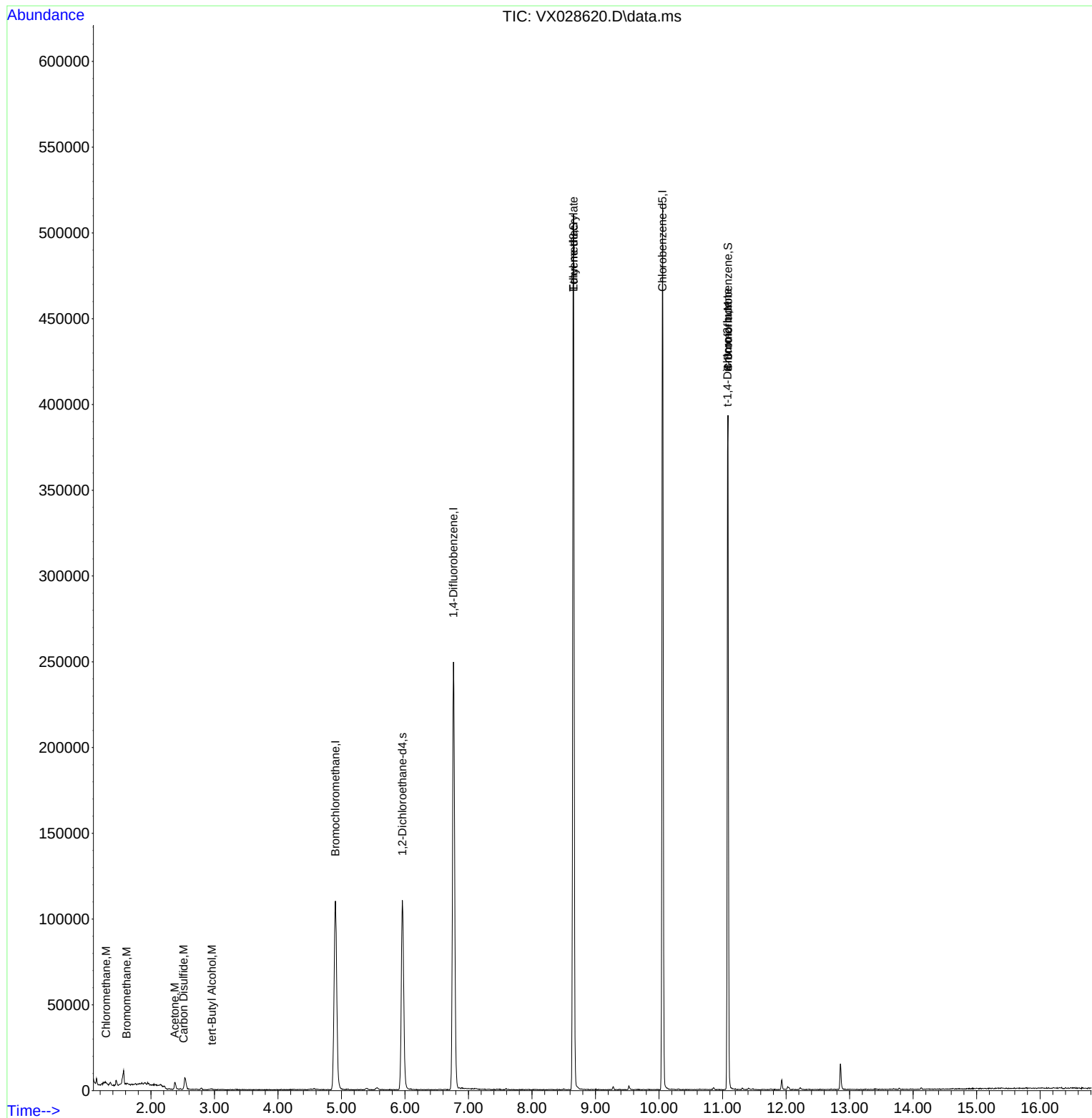
Internal Standards						
1) Bromochloromethane	4.904	128	49981	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	266547	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	241008	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	103057	32.422	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	108.067%
60) 4-Bromofluorobenzene	11.085	95	101486	27.077	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.267%
63) Toluene-d8	8.653	98	314340	30.788	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.633%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	402	0.288	ug/l #	80
5) Bromomethane	1.618	94	490	0.336	ug/l	88
15) Acetone	2.374	58	1369	3.530	ug/l	90
16) Carbon Disulfide	2.514	76	543	0.244	ug/l #	75
23) tert-Butyl Alcohol	2.959	59	165	0.223	ug/l #	100
51) Ethyl methacrylate	8.653	69	1105	0.270	ug/l	91
56) Bromoform	11.085	173	976	0.432	ug/l #	1
77) t-1,4-Dichloro-2-butene	11.079	75	52023	43.539	ug/l #	3

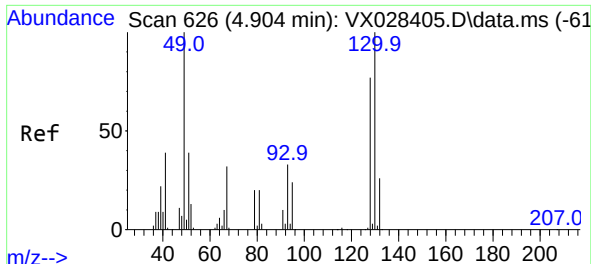
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 29 06:09:36 2022
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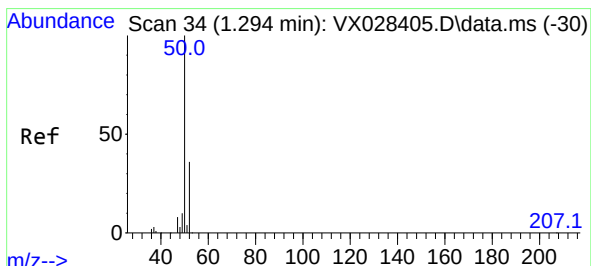
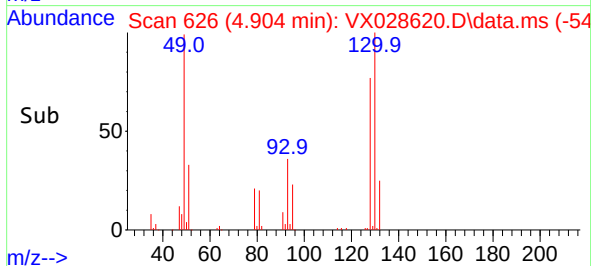
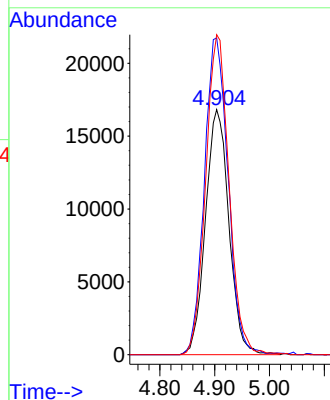
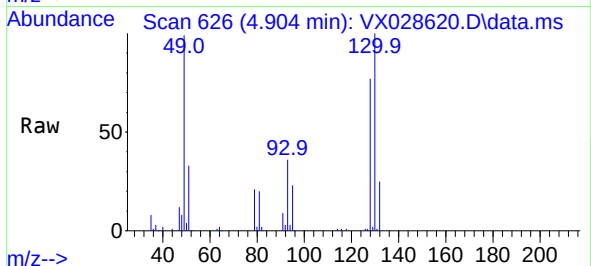




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

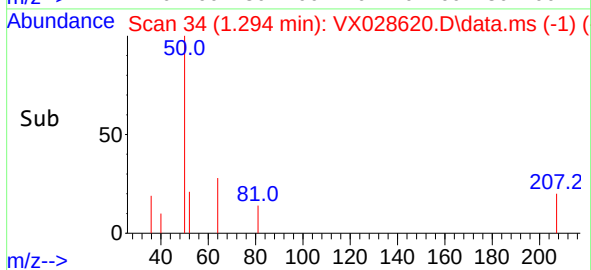
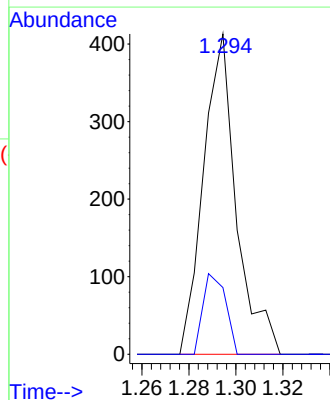
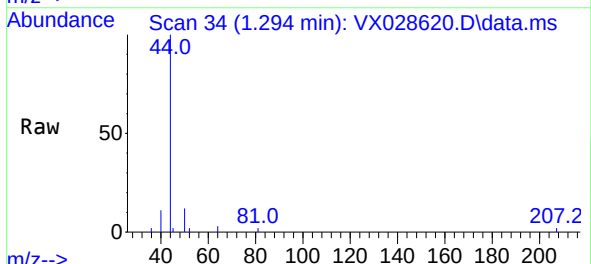
Instrument :
MSVOA_X
ClientSampleId :
TWP05

Tgt Ion:128 Resp: 49981
Ion Ratio Lower Upper
128 100
49 130.3 0.0 358.3
130 129.2 0.0 319.3

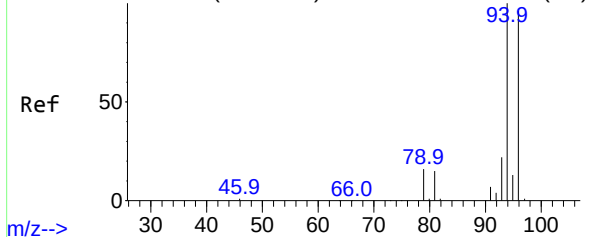


#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion: 50 Resp: 402
Ion Ratio Lower Upper
50 100
52 20.8 25.6 38.4#



Abundance Scan 85 (1.605 min): VX028405.D\data.ms (-80)



#5

Bromomethane

Concen: 0.336 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX028620.D

Acq: 11 May 2022 14:13

Instrument :

MSVOA_X

ClientSampleId :

TWP05

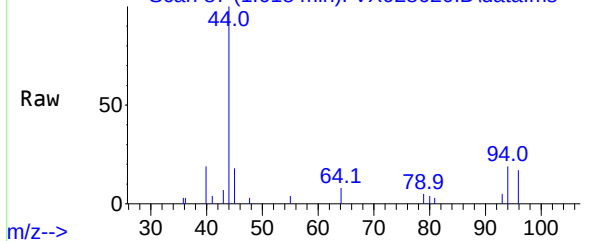
Tgt Ion: 94 Resp: 490

Ion Ratio Lower Upper

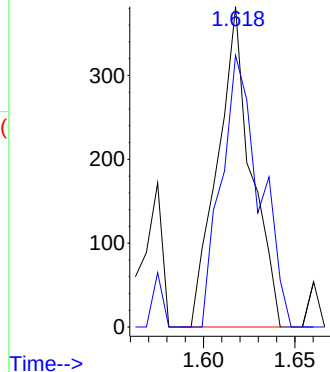
94 100

96 84.8 77.0 115.6

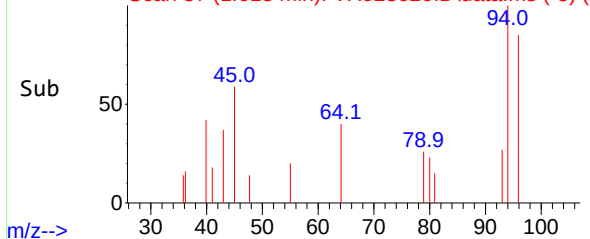
Abundance Scan 87 (1.618 min): VX028620.D\data.ms



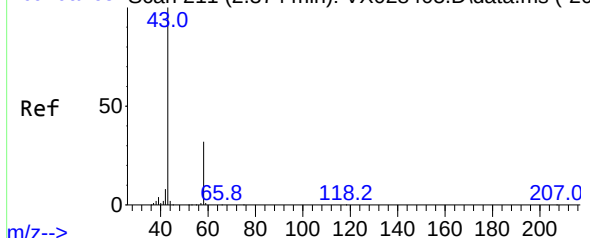
Abundance



Abundance Scan 87 (1.618 min): VX028620.D\data.ms (-3)



Abundance Scan 211 (2.374 min): VX028405.D\data.ms (-20)



#15

Acetone

Concen: 3.530 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX028620.D

Acq: 11 May 2022 14:13

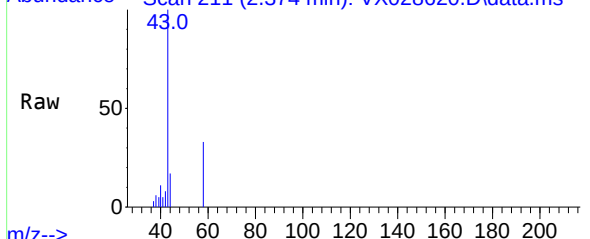
Tgt Ion: 58 Resp: 1369

Ion Ratio Lower Upper

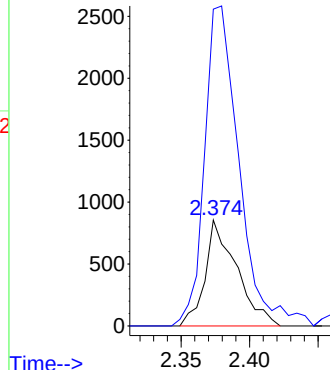
58 100

43 293.1 250.2 375.2

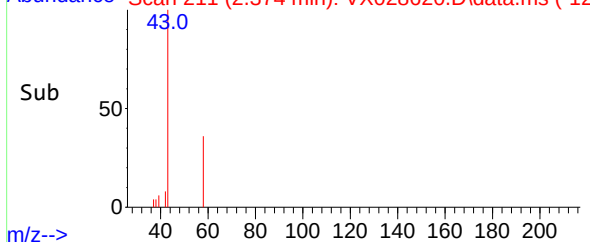
Abundance Scan 211 (2.374 min): VX028620.D\data.ms

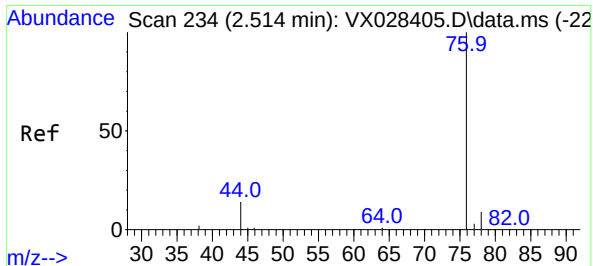


Abundance



Abundance Scan 211 (2.374 min): VX028620.D\data.ms (-12)

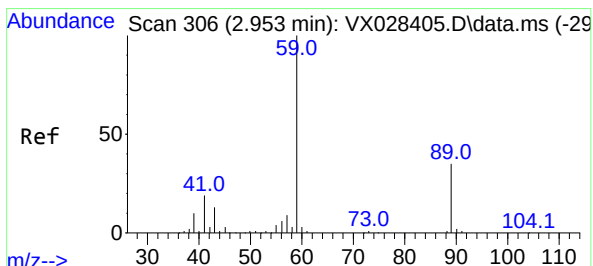
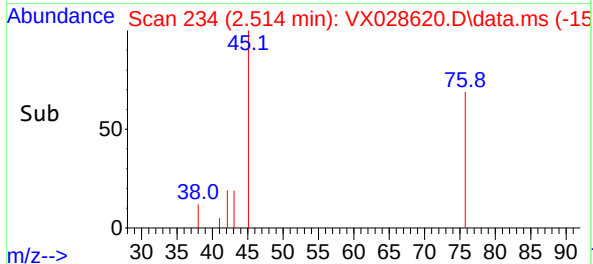
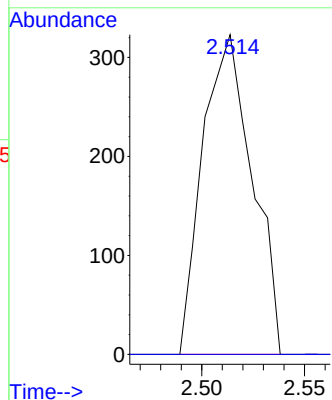
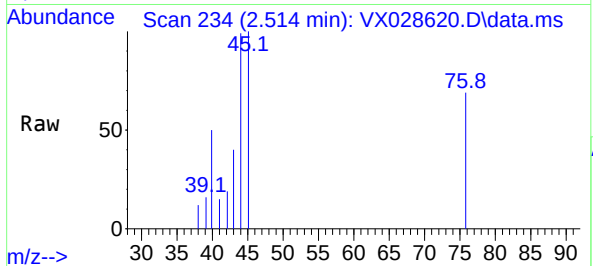




#16
Carbon Disulfide
Concen: 0.244 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

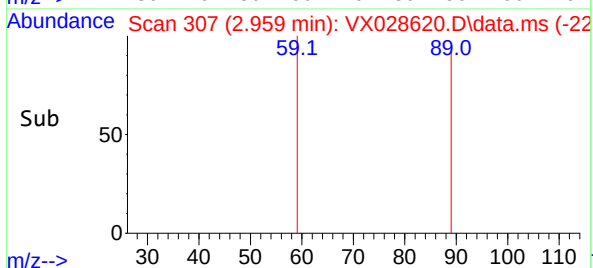
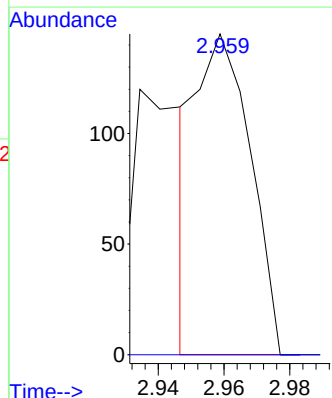
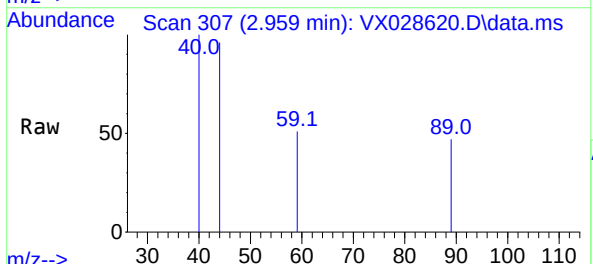
Instrument :
MSVOA_X
ClientSampleId :
TWP05

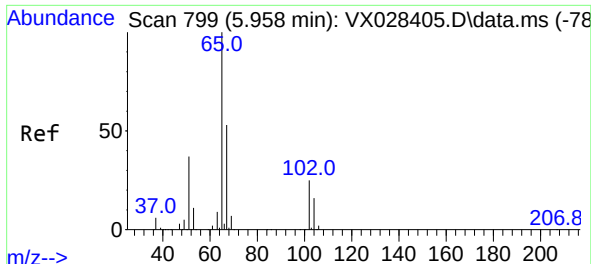
Tgt Ion: 76 Resp: 543
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#23
tert-Butyl Alcohol
Concen: 0.223 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.006 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

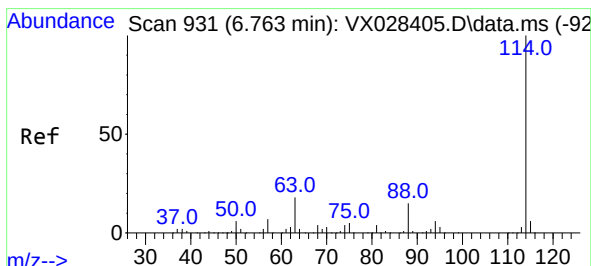
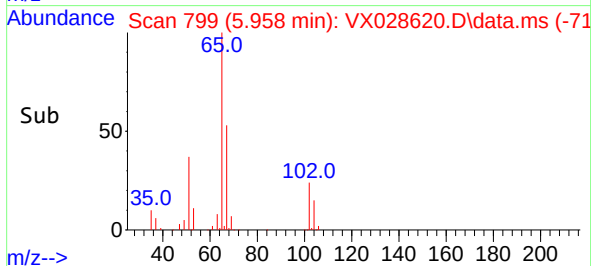
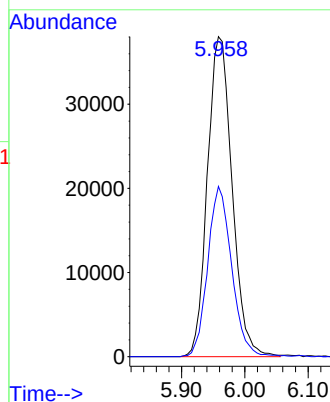
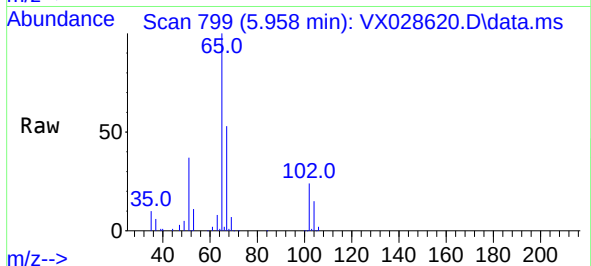




#27
1,2-Dichloroethane-d4
Concen: 32.422 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

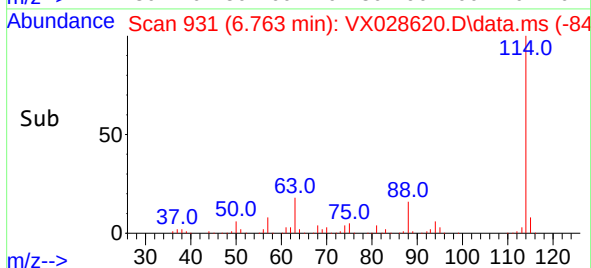
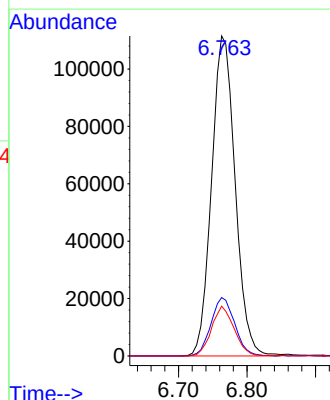
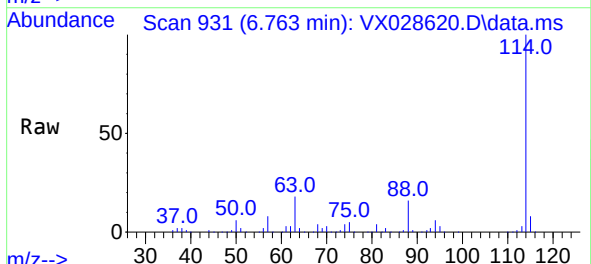
Instrument :
MSVOA_X
ClientSampleId :
TWP05

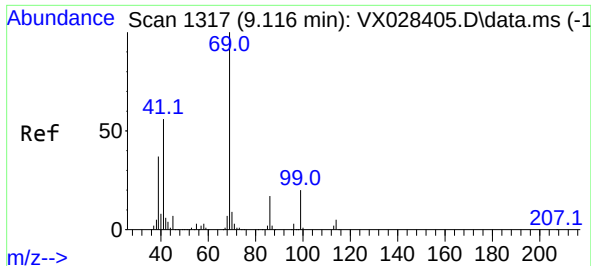
Tgt Ion: 65 Resp: 103057
Ion Ratio Lower Upper
65 100
67 51.5 42.3 63.5



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion: 114 Resp: 266547
Ion Ratio Lower Upper
114 100
63 18.3 15.3 22.9
88 14.9 12.2 18.4

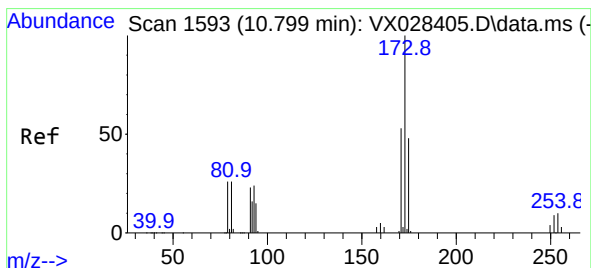
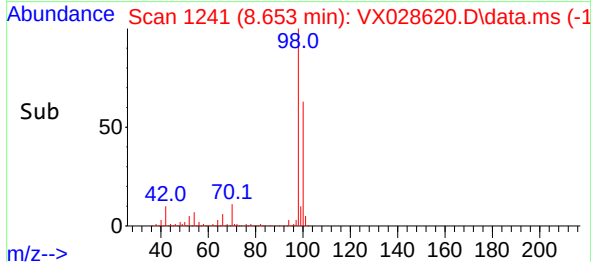
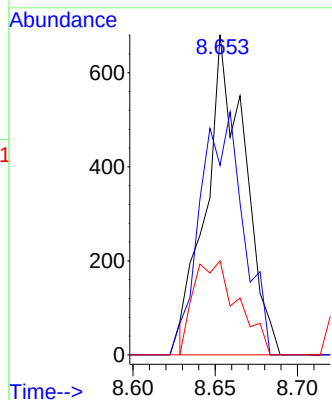
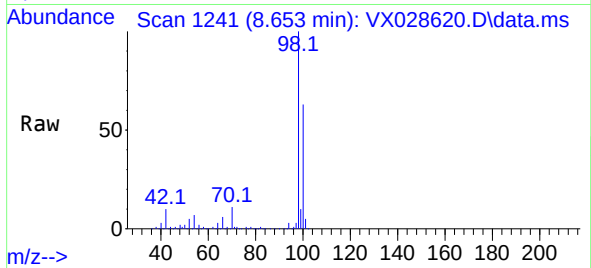




#51
Ethyl methacrylate
Concen: 0.270 ug/l
RT: 8.653 min Scan# 1105
Delta R.T. -0.463 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

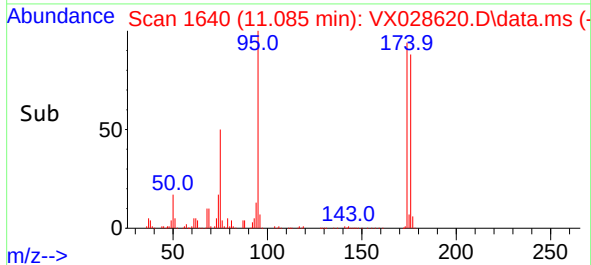
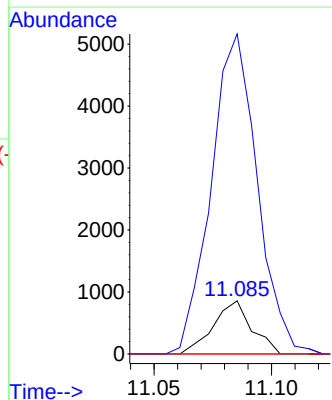
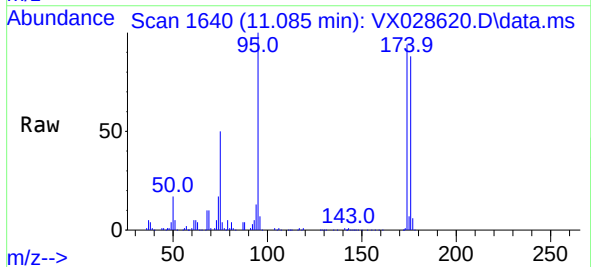
Instrument :
MSVOA_X
ClientSampleId :
TWP05

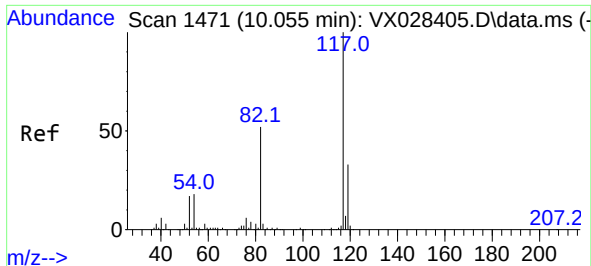
Tgt Ion:	69	Resp:	1105
Ion	Ratio	Lower	Upper
69	100		
41	59.2	32.1	96.5
39	29.4	18.3	54.9



#56
Bromoform
Concen: 0.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion:	173	Resp:	976
Ion	Ratio	Lower	Upper
173	100		
175	723.0	40.3	60.5#
254	0.0	7.4	11.2#

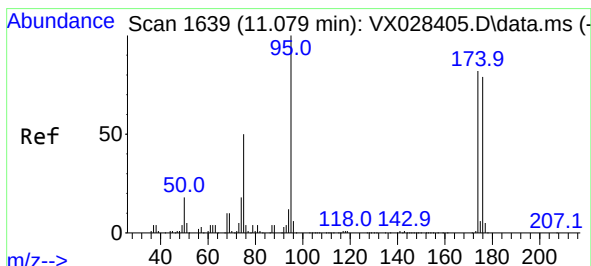
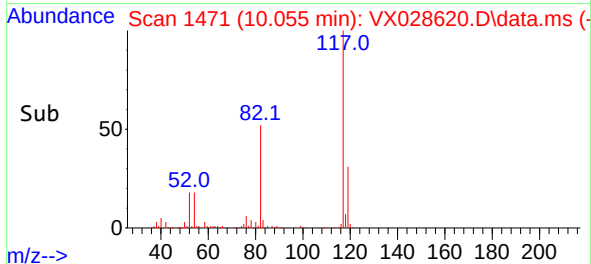
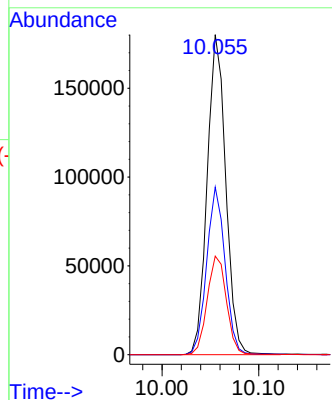
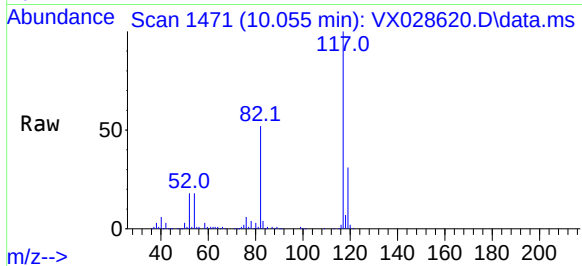




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

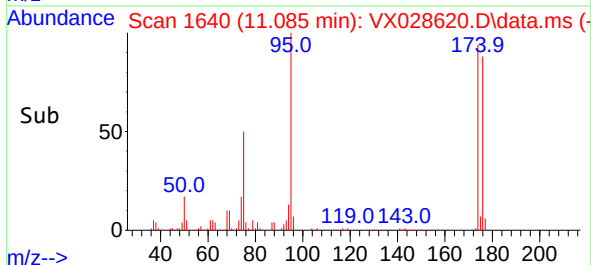
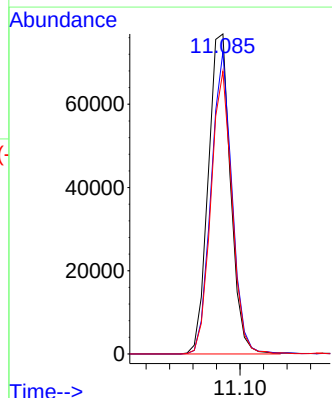
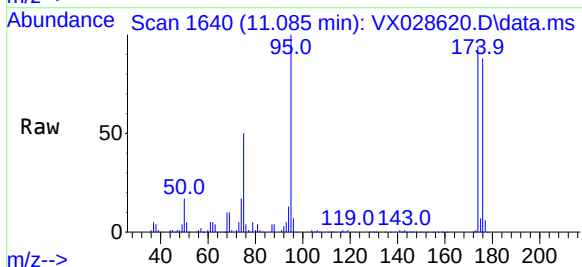
Instrument :
MSVOA_X
ClientSampleId :
TWP05

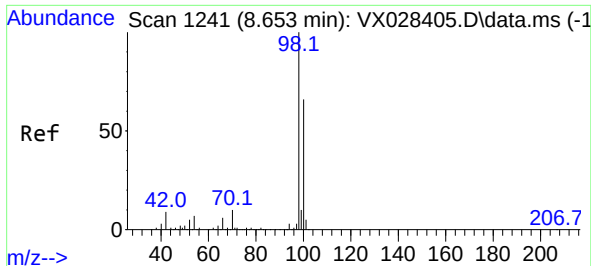
Tgt Ion:117 Resp: 241008
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 31.9 26.2 39.2



#60
4-Bromofluorobenzene
Concen: 27.077 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion: 95 Resp: 101486
Ion Ratio Lower Upper
95 100
174 88.1 65.4 98.2
176 83.2 63.4 95.0

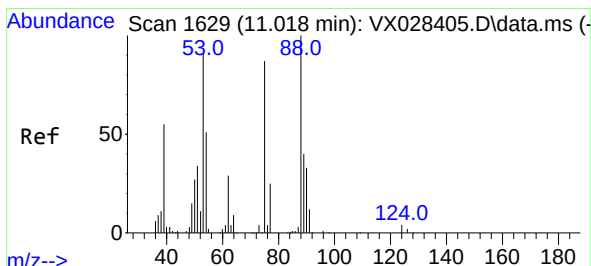
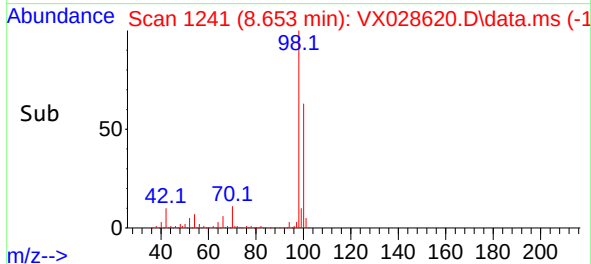
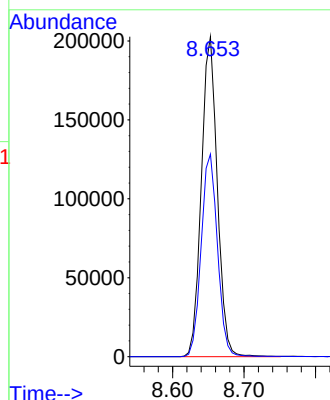
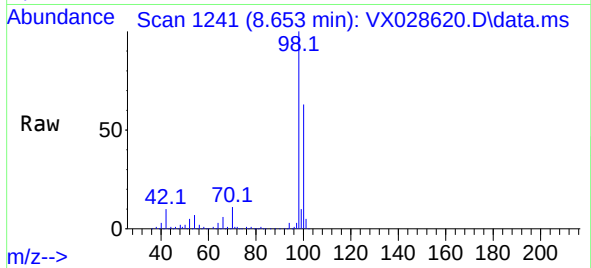




#63
Toluene-d8
Concen: 30.788 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Instrument :
MSVOA_X
ClientSampleId :
TWP05

Tgt Ion: 98 Resp: 314340
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.2



#77
t-1,4-Dichloro-2-butene
Concen: 43.539 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028620.D
Acq: 11 May 2022 14:13

Tgt Ion: 75 Resp: 52023
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#

