

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
 Data File : VX028613.D
 Acq On : 11 May 2022 11:16
 Operator : JC/MD
 Sample : VX0511WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0511WBL01

Quant Time: May 12 04:52:54 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)

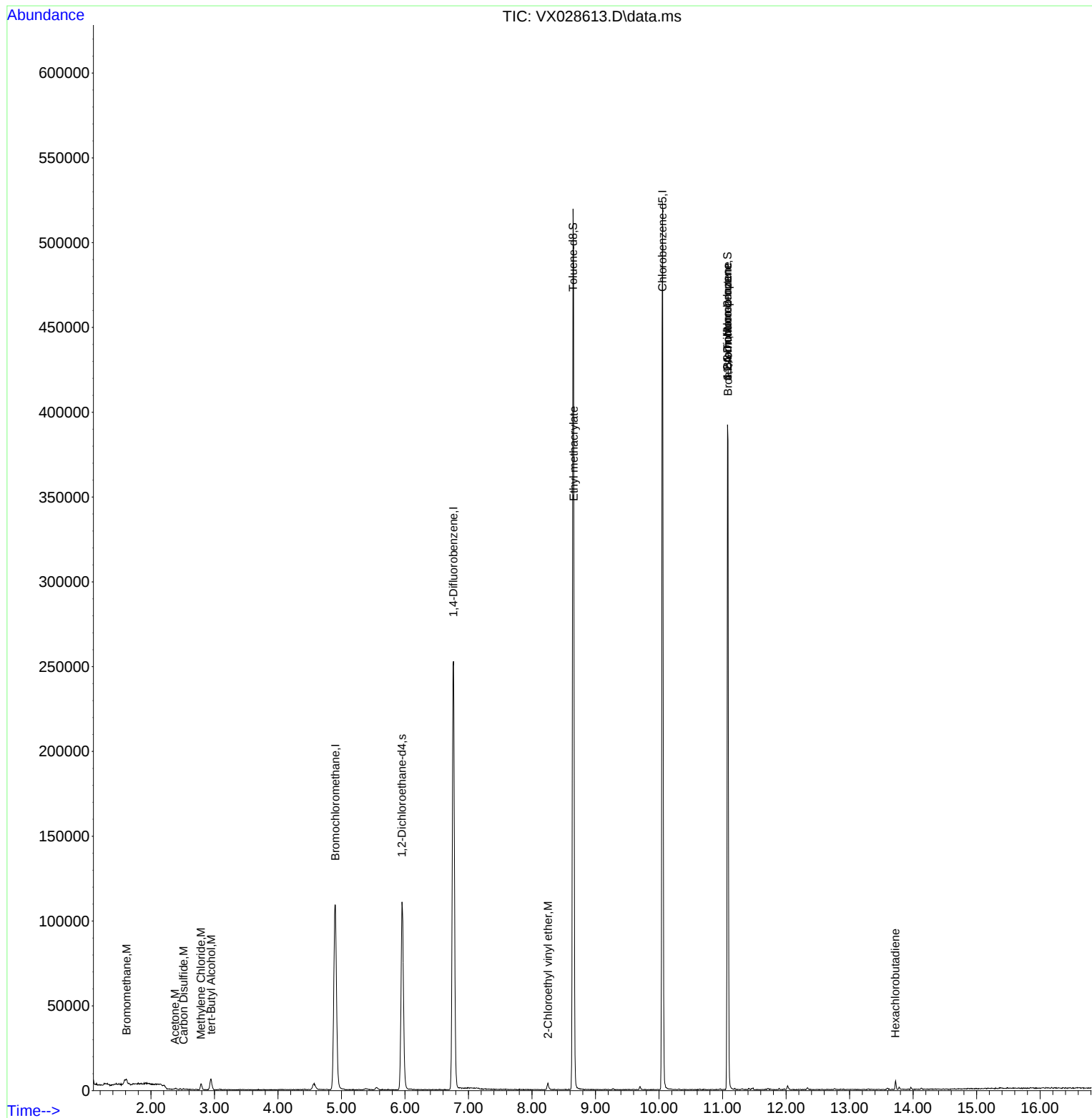
Internal Standards						
1) Bromochloromethane	4.903	128	51345	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	276295	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	245469	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	103500	31.697	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.667%
60) 4-Bromofluorobenzene	11.079	95	103803	27.192	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.633%
63) Toluene-d8	8.647	98	320448	30.816	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.733%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	665	0.443	ug/l	98
15) Acetone	2.380	58	113	0.284	ug/l #	11
16) Carbon Disulfide	2.514	76	518	0.226	ug/l #	75
18) Methylene Chloride	2.788	84	1702	0.684	ug/l	95
23) tert-Butyl Alcohol	2.946	59	3432	4.517	ug/l #	100
51) Ethyl methacrylate	8.659	69	1046	0.246	ug/l	83
55) 2-Chloroethyl vinyl ether	8.250	63	1714	0.769	ug/l #	90
56) Bromoform	11.085	173	947	0.405	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	52567	13.079	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	52567	43.195	ug/l #	3
90) Hexachlorobutadiene	13.719	225	730	0.407	ug/l	81

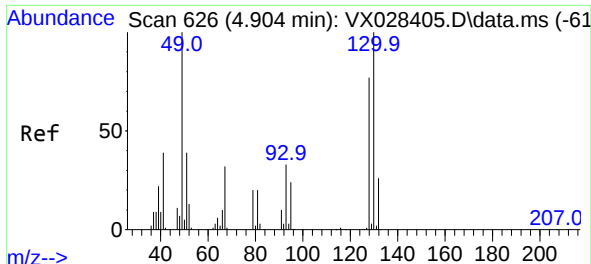
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051122\
Data File : VX028613.D
Acq On : 11 May 2022 11:16
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Sample : VX0511WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

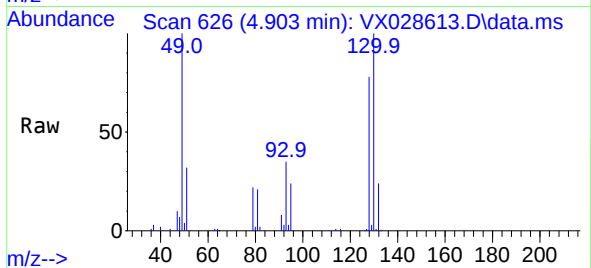
Quant Time: May 12 04:52:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X042822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 29 06:09:36 2022
Response via : Initial Calibration



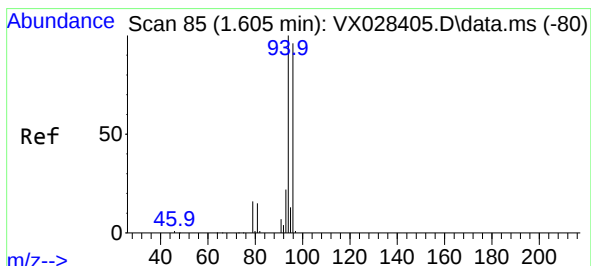
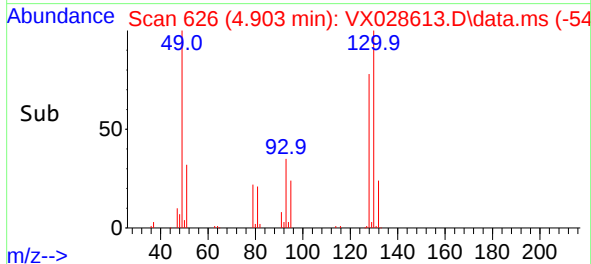
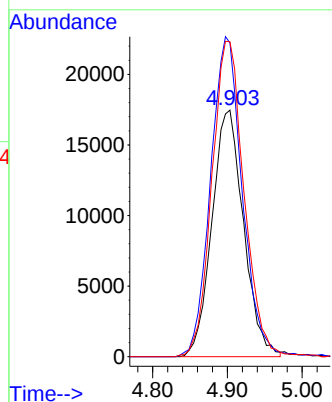


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

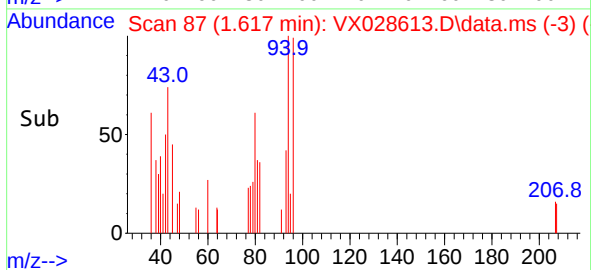
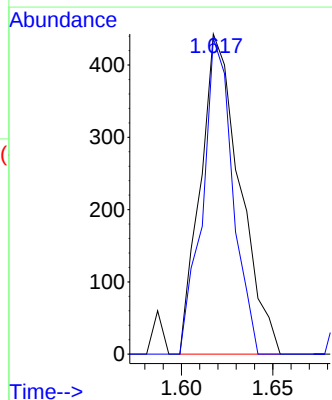
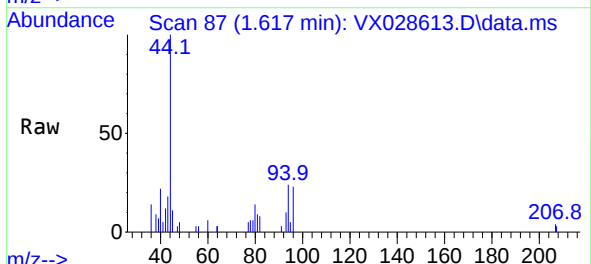


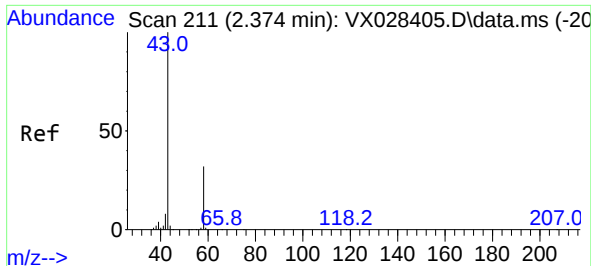
Tgt Ion:128 Resp: 51345
Ion Ratio Lower Upper
128 100
49 130.2 0.0 358.3
130 130.0 0.0 319.3



#5
Bromomethane
Concen: 0.443 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion: 94 Resp: 665
Ion Ratio Lower Upper
94 100
96 98.6 77.0 115.6

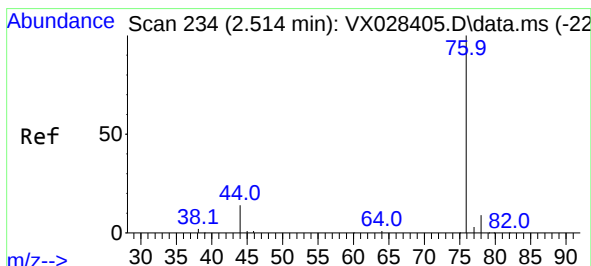
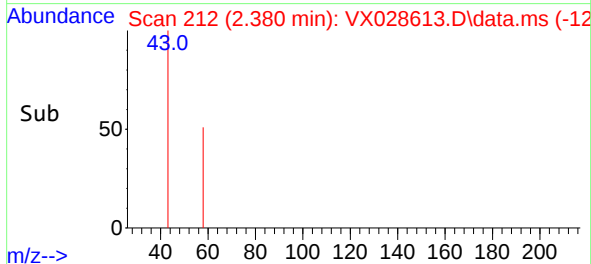
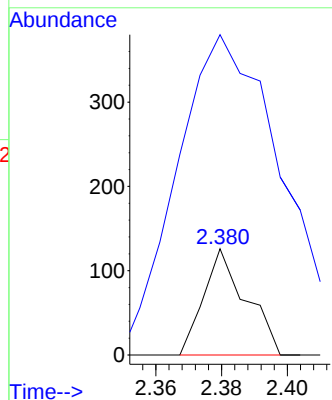
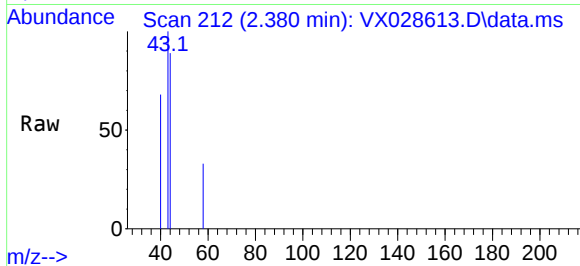




#15
Acetone
Concen: 0.284 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

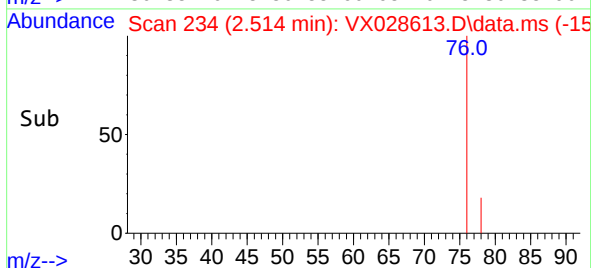
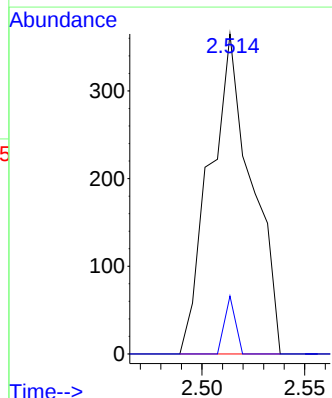
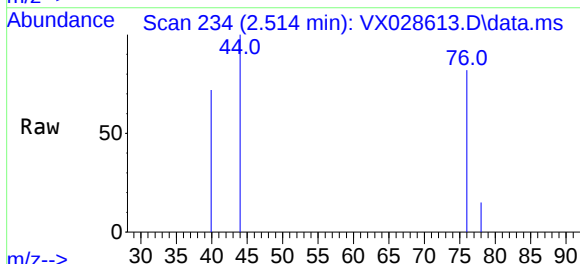
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

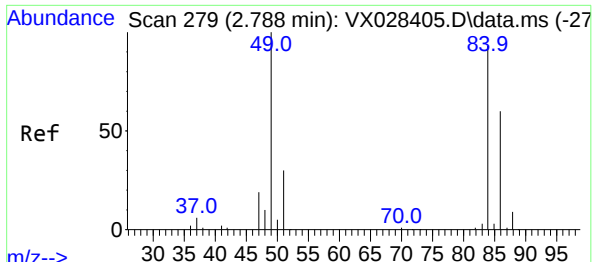
Tgt Ion: 58 Resp: 113
Ion Ratio Lower Upper
58 100
43 134.1 250.2 375.2#



#16
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion: 76 Resp: 518
Ion Ratio Lower Upper
76 100
78 18.1 7.1 10.7#





#18

Methylene Chloride

Concen: 0.684 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028613.D

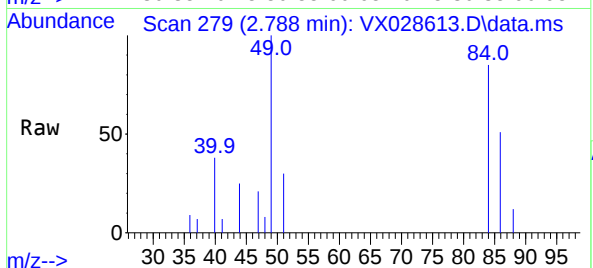
Acq: 11 May 2022 11:16

Instrument :

MSVOA_X

ClientSampleId :

VX0511WBL01



Tgt Ion: 84 Resp: 1702

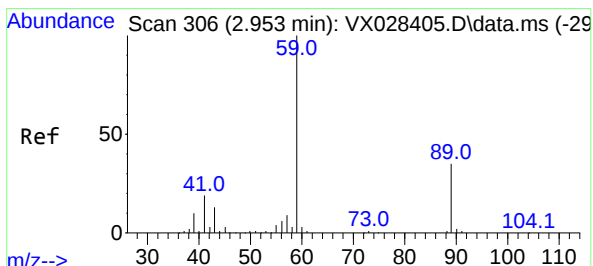
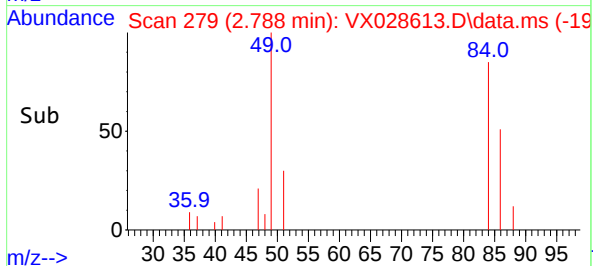
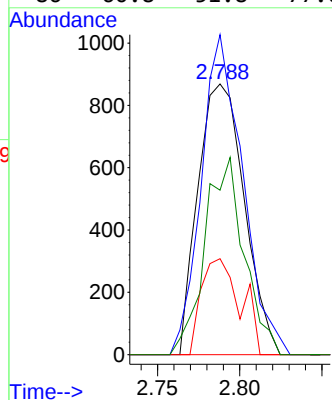
Ion Ratio Lower Upper

84 100

49 112.1 94.2 141.2

51 35.4 29.2 43.8

86 60.8 51.8 77.6



#23

tert-Butyl Alcohol

Concen: 4.517 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.006 min

Lab File: VX028613.D

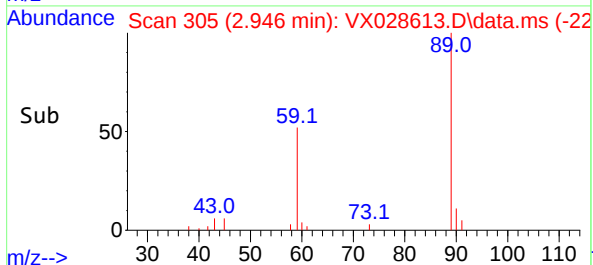
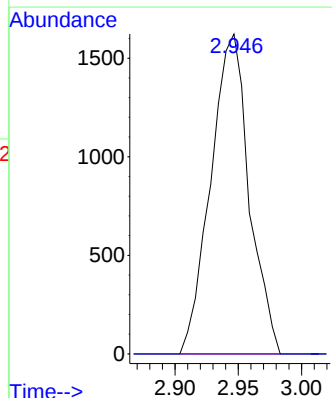
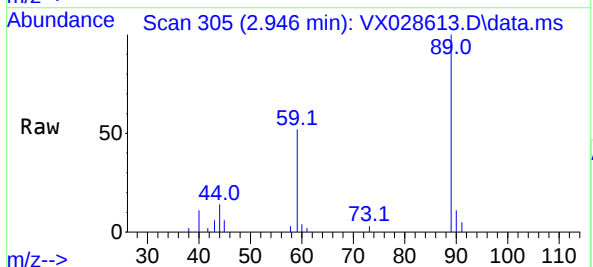
Acq: 11 May 2022 11:16

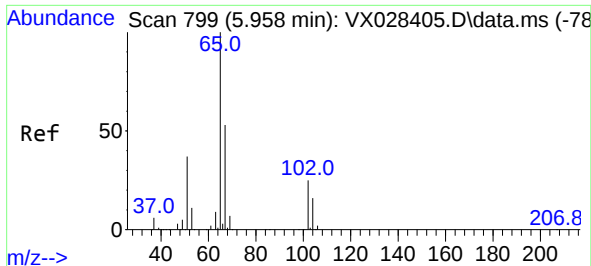
Tgt Ion: 59 Resp: 3432

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0

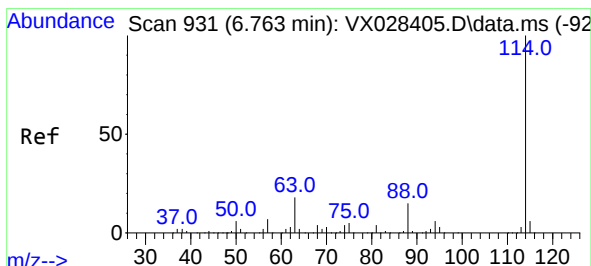
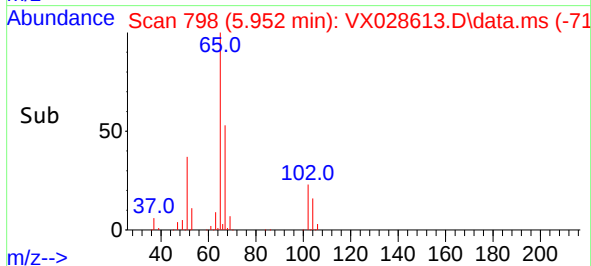
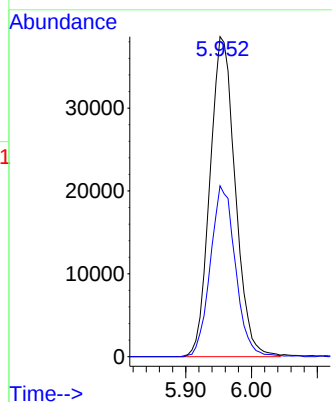
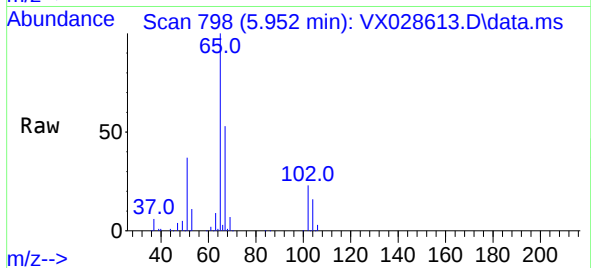




#27
1,2-Dichloroethane-d4
Concen: 31.697 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

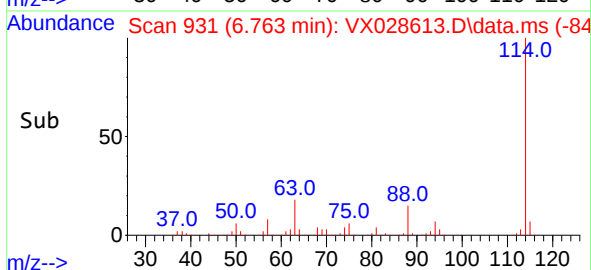
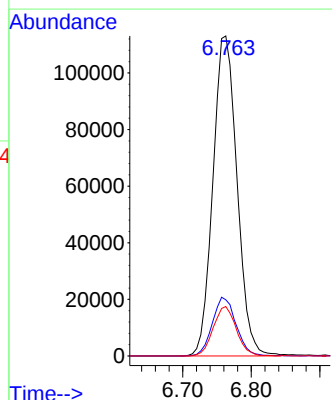
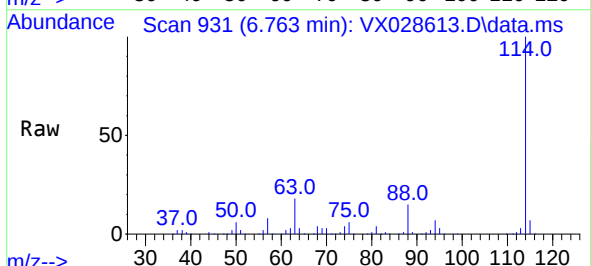
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

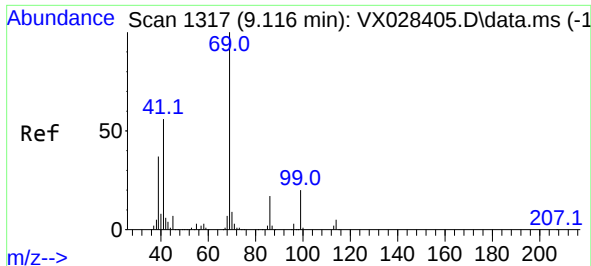
Tgt Ion: 65 Resp: 103500
Ion Ratio Lower Upper
65 100
67 52.7 42.3 63.5



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion: 114 Resp: 276295
Ion Ratio Lower Upper
114 100
63 18.1 15.3 22.9
88 14.8 12.2 18.4

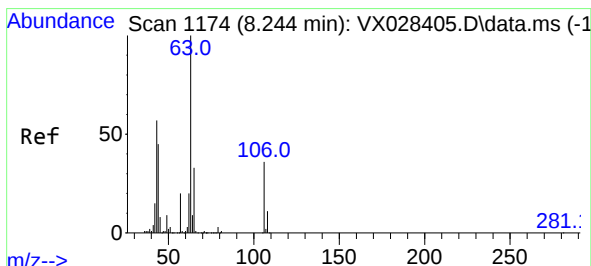
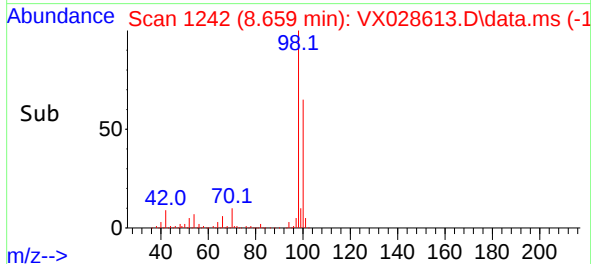
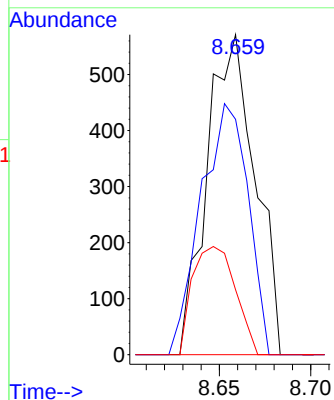
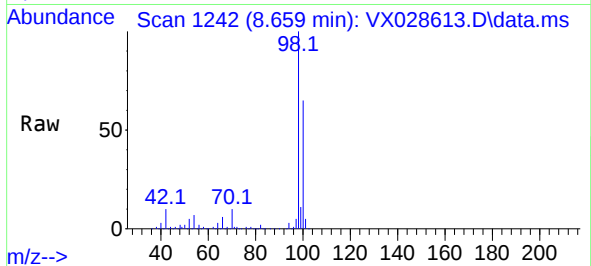




#51
Ethyl methacrylate
Concen: 0.246 ug/l
RT: 8.659 min Scan# 1175
Delta R.T. -0.457 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

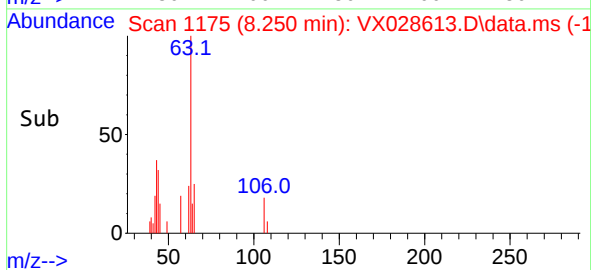
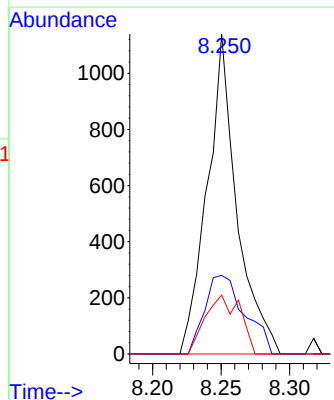
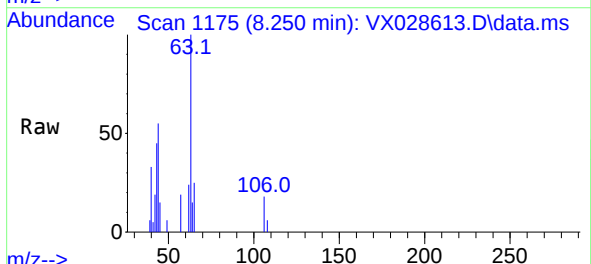
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

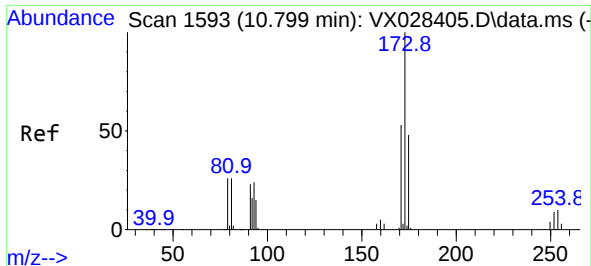
Tgt Ion:	69	Resp:	1046
Ion	Ratio	Lower	Upper
69	100		
41	73.6	32.1	96.5
39	20.3	18.3	54.9



#55
2-Chloroethyl vinyl ether
Concen: 0.769 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion:	63	Resp:	1714
Ion	Ratio	Lower	Upper
63	100		
65	33.1	25.9	38.9
106	21.5	25.8	38.6

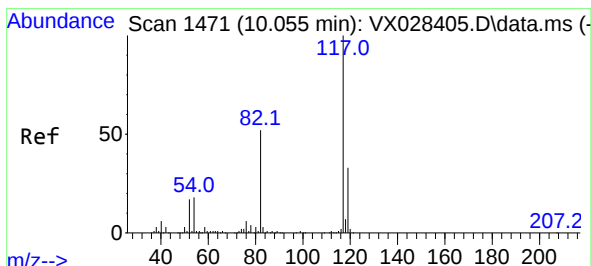
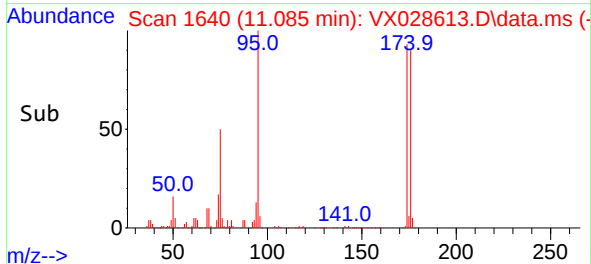
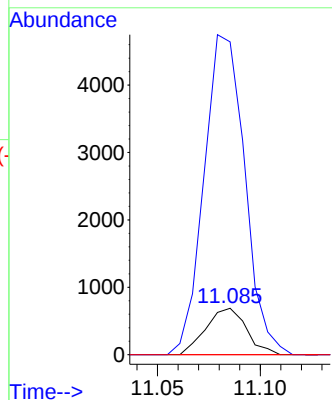
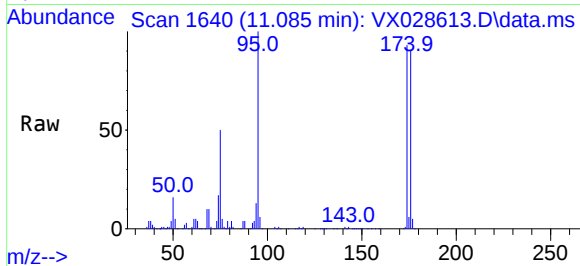




#56
Bromoform
Concen: 0.405 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.286 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

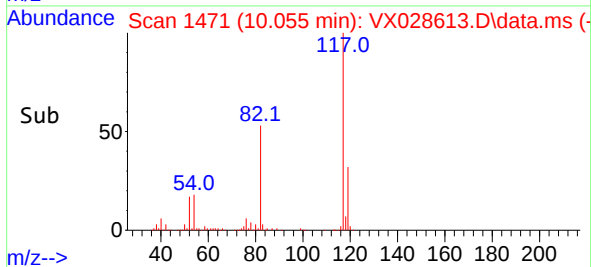
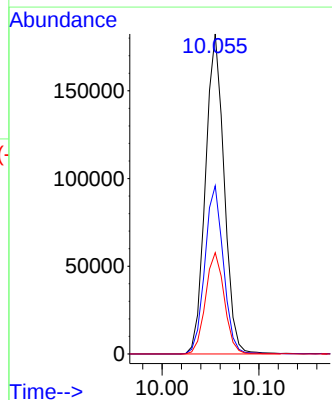
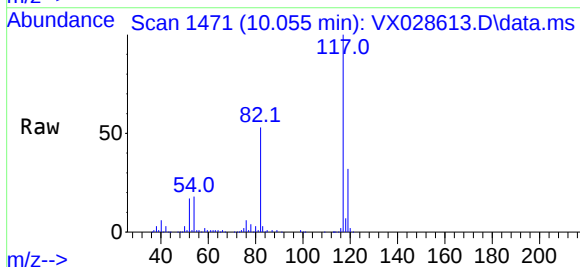
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

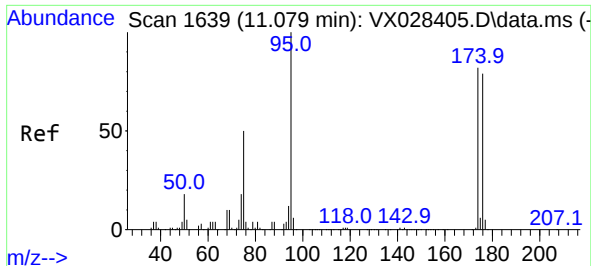
Tgt Ion:173 Resp: 947
Ion Ratio Lower Upper
173 100
175 692.6 40.3 60.5#
254 0.0 7.4 11.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion:117 Resp: 245469
Ion Ratio Lower Upper
117 100
82 52.3 42.3 63.5
119 31.8 26.2 39.2

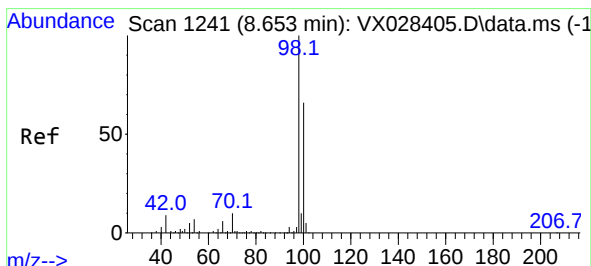
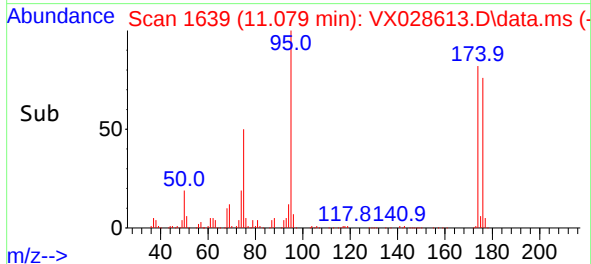
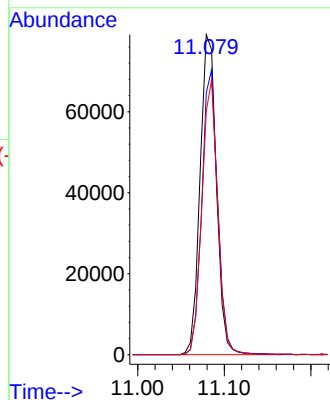
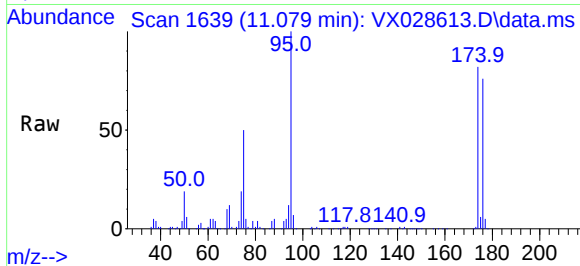




#60
4-Bromofluorobenzene
Concen: 27.192 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

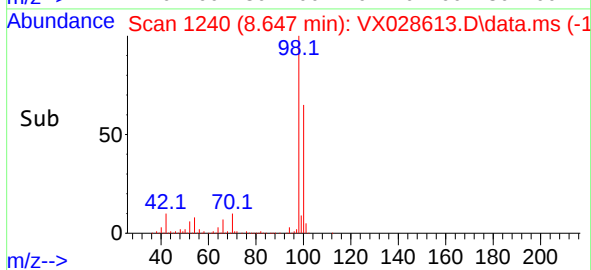
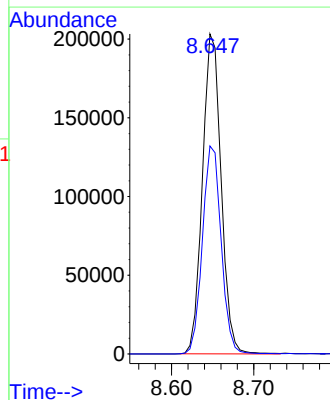
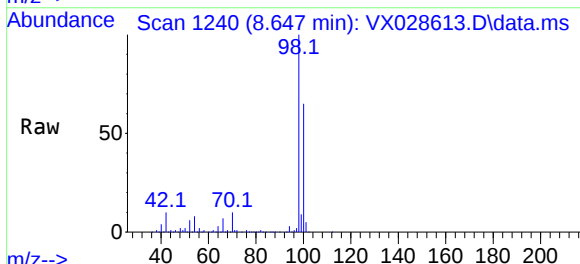
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

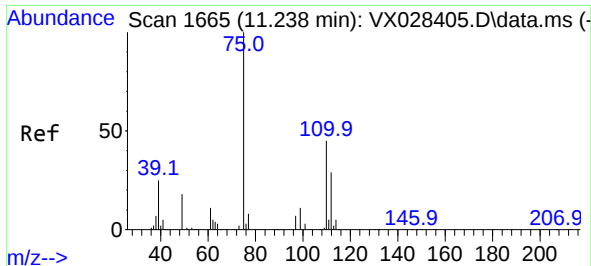
Tgt Ion: 95 Resp: 103803
Ion Ratio Lower Upper
95 100
174 85.4 65.4 98.2
176 83.3 63.4 95.0



#63
Toluene-d8
Concen: 30.816 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Tgt Ion: 98 Resp: 320448
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.2

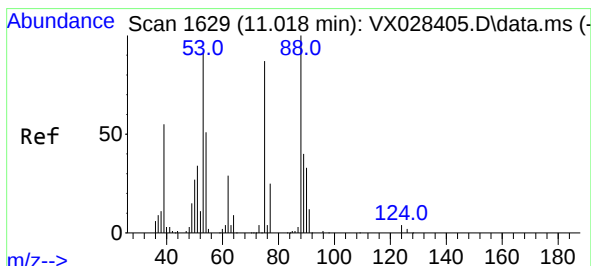
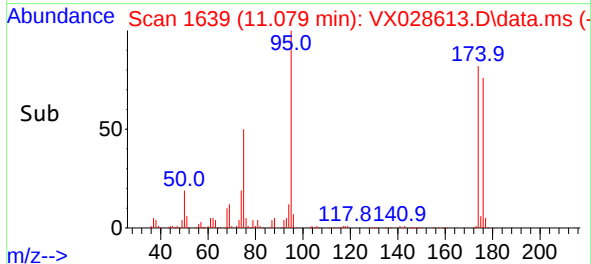
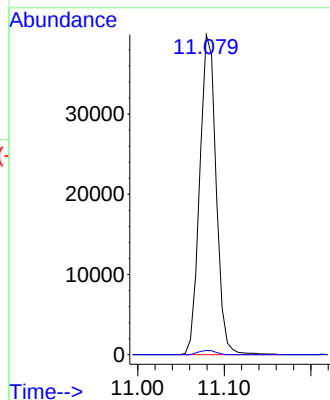
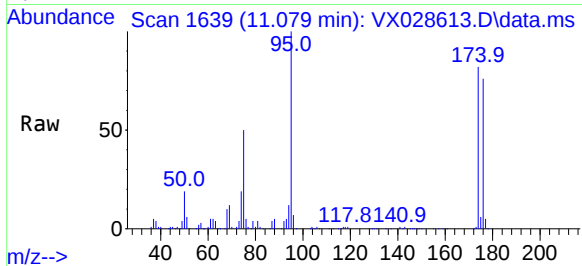




#72
1,2,3-Trichloropropane
Concen: 13.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

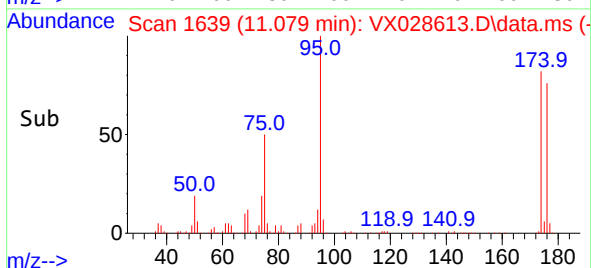
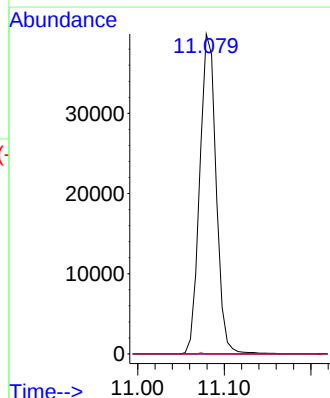
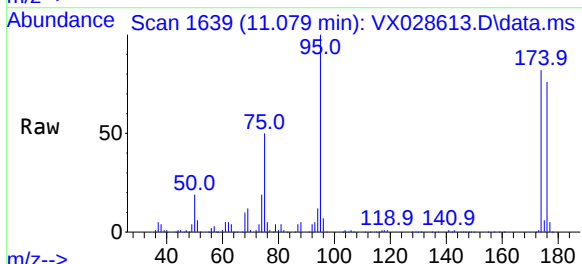
Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01

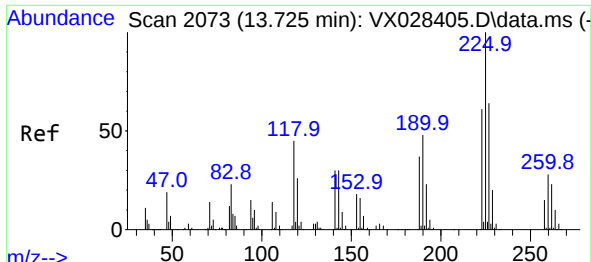
Tgt Ion: 75 Resp: 52567
Ion Ratio Lower Upper
75 100
77 1.4 0.0 78.6



#77
t-1,4-Dichloro-2-butene
Concen: 43.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

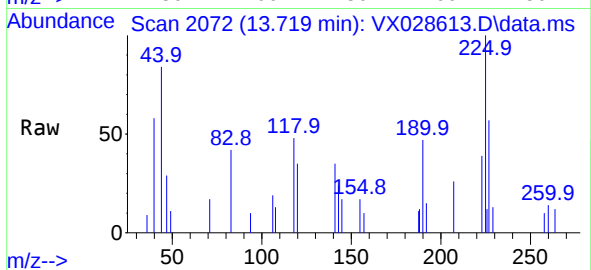
Tgt Ion: 75 Resp: 52567
Ion Ratio Lower Upper
75 100
53 0.0 59.7 179.1#
89 0.0 23.1 69.2#





#90
Hexachlorobutadiene
Concen: 0.407 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX028613.D
Acq: 11 May 2022 11:16

Instrument :
MSVOA_X
ClientSampleId :
VX0511WBL01



Tgt Ion:	225	Resp:	730
Ion	Ratio	Lower	Upper
225	100		
223	36.4	0.0	126.0
227	66.0	0.0	125.0

