

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027280.D
 Acq On : 03 Mar 2022 19:50
 Operator : JC/MD
 Sample : VX0303WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 04 02:41:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

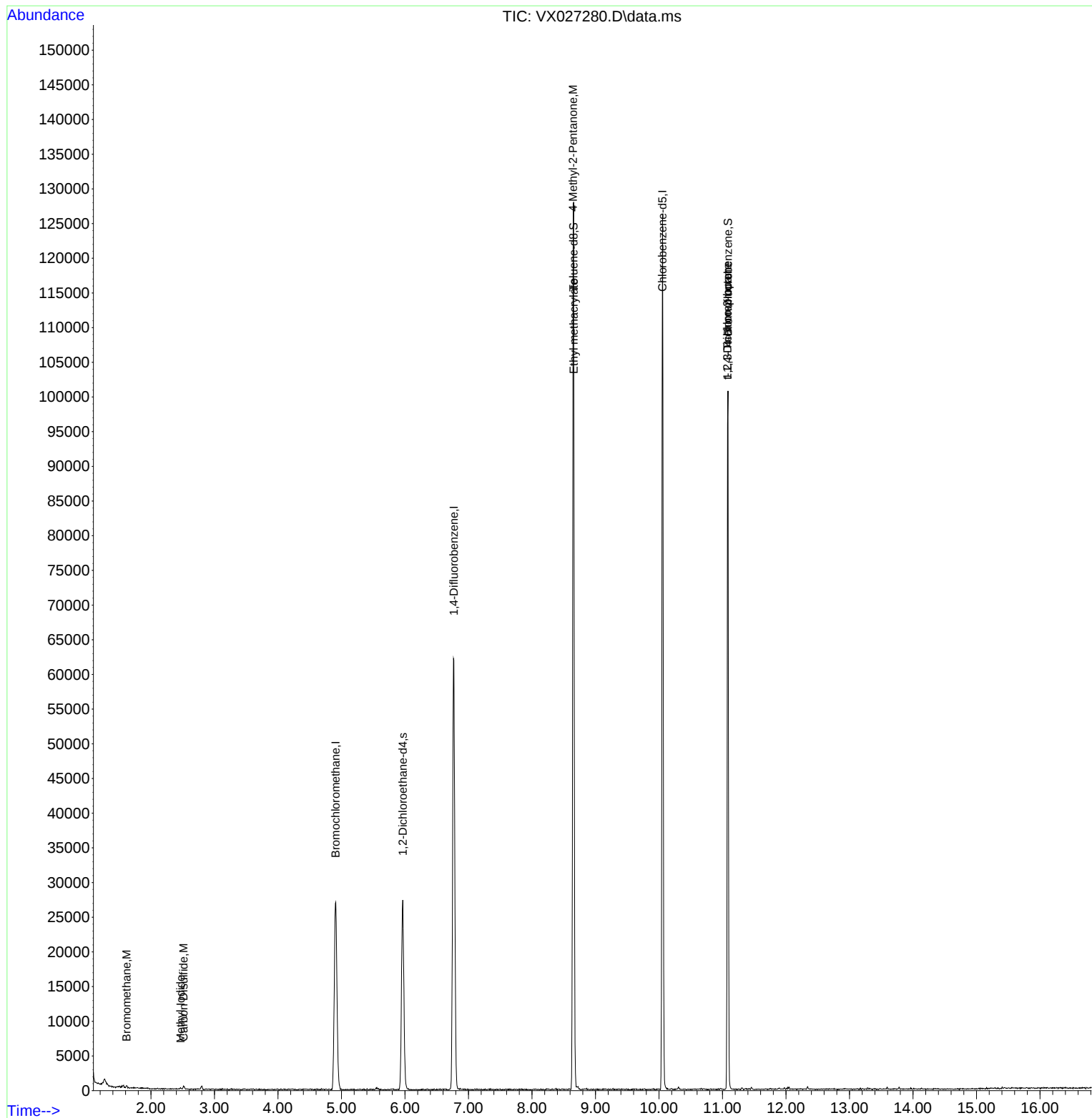
Internal Standards						
1) Bromochloromethane	4.910	128	12695	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	66731	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	59618	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	26261	29.880	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.600%
60) 4-Bromofluorobenzene	11.085	95	27622	28.600	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.333%
63) Toluene-d8	8.653	98	77562	29.760	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.200%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	213	0.633	ug/l	83
11) Methyl Iodide	2.465	142	180	0.212	ug/l #	88
16) Carbon Disulfide	2.514	76	562	0.291	ug/l #	75
51) Ethyl methacrylate	8.659	69	249	0.206	ug/l #	77
58) 4-Methyl-2-Pentanone	8.647	43	274	0.254	ug/l #	1
72) 1,2,3-Trichloropropane	11.079	75	13482	12.886	ug/l	38
77) t-1,4-Dichloro-2-butene	11.079	75	13482	43.496	ug/l #	3

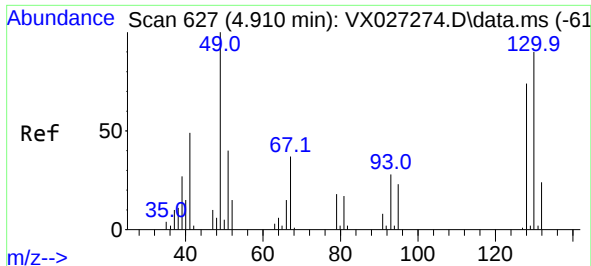
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

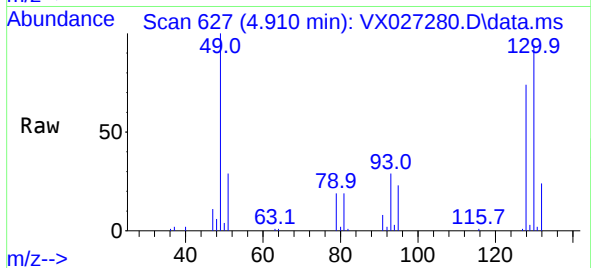
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 04 01:00:22 2022
Response via : Initial Calibration



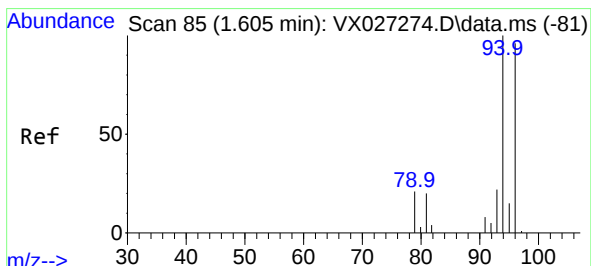
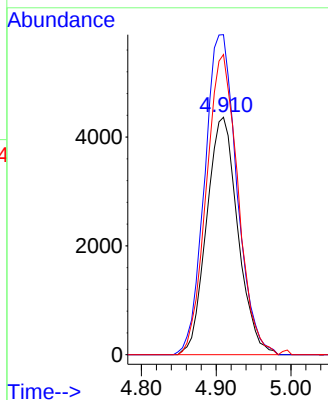
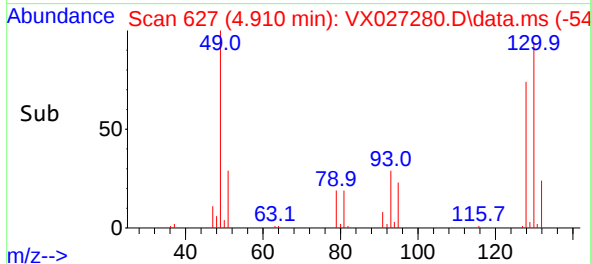


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

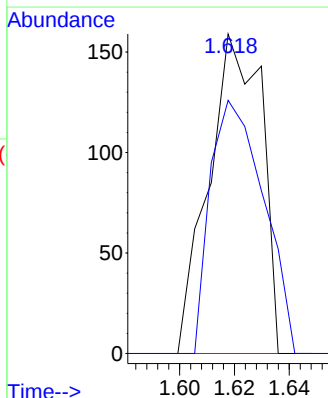
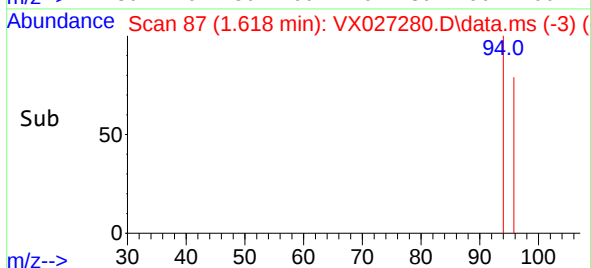
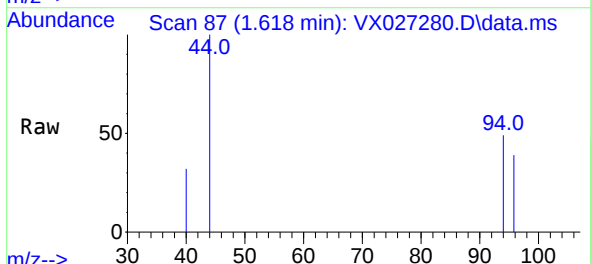


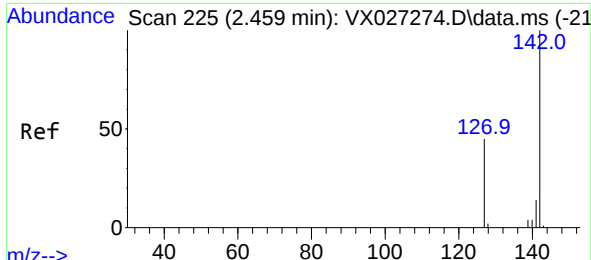
Tgt Ion:128 Resp: 12695
Ion Ratio Lower Upper
128 100
49 139.0 0.0 358.3
130 127.5 0.0 319.3



#5
Bromomethane
Concen: 0.633 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.012 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

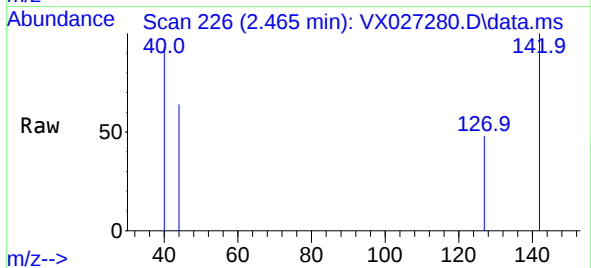
Tgt Ion: 94 Resp: 213
Ion Ratio Lower Upper
94 100
96 79.2 77.0 115.6



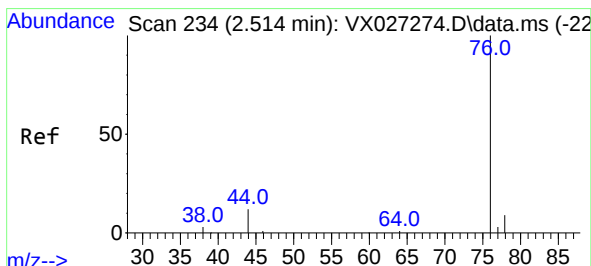
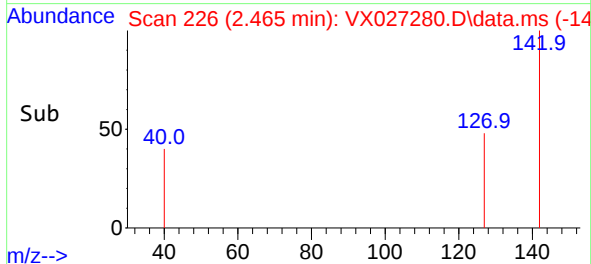
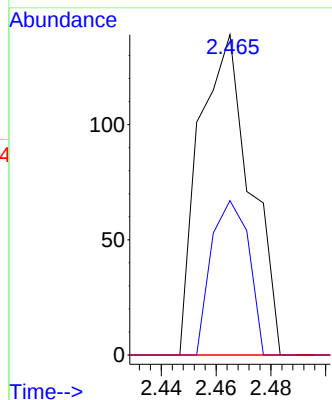


#11
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

Instrument :
MSVOA_X
ClientSampleId :

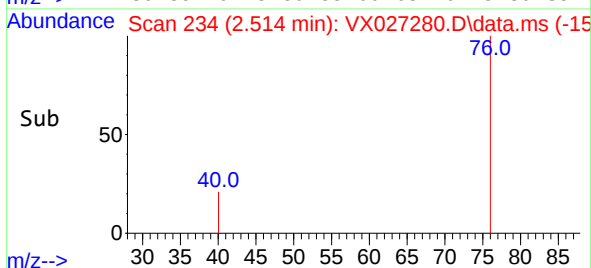
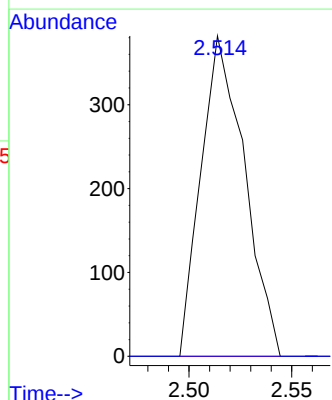
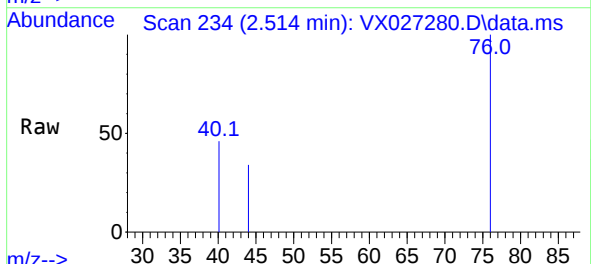


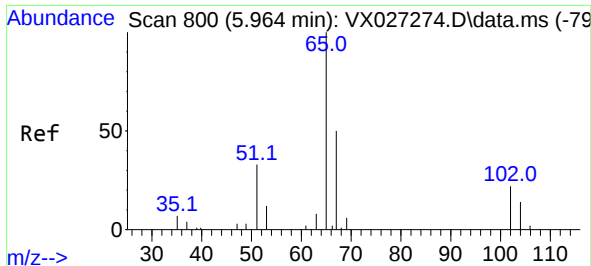
Tgt Ion:142 Resp: 180
Ion Ratio Lower Upper
142 100
127 48.2 22.3 66.9
141 0.0 7.0 20.9#



#16
Carbon Disulfide
Concen: 0.291 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

Tgt Ion: 76 Resp: 562
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

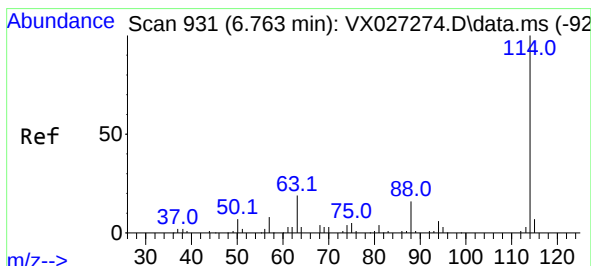
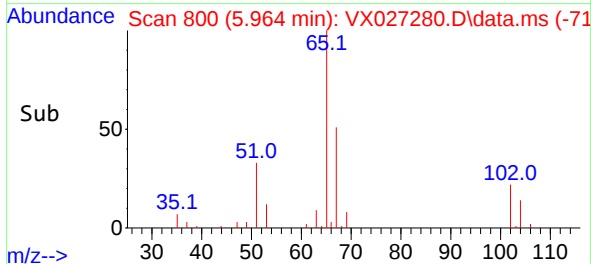
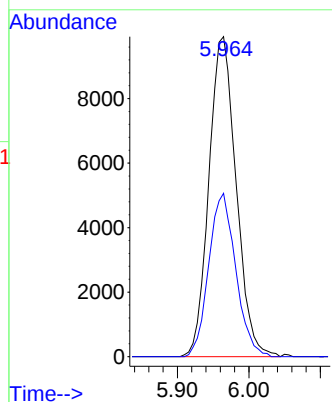
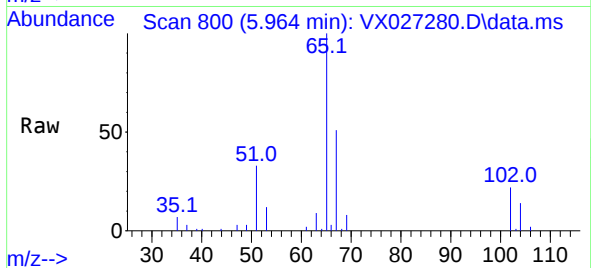




#27
1,2-Dichloroethane-d4
Concen: 29.880 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

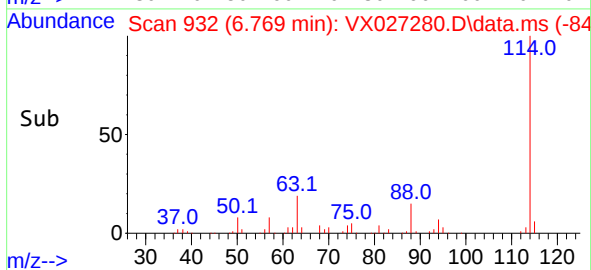
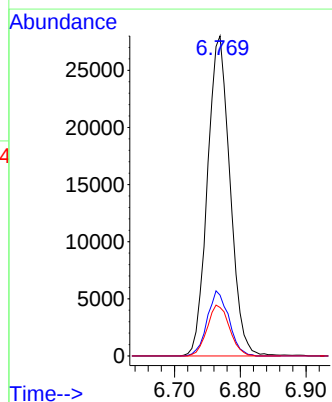
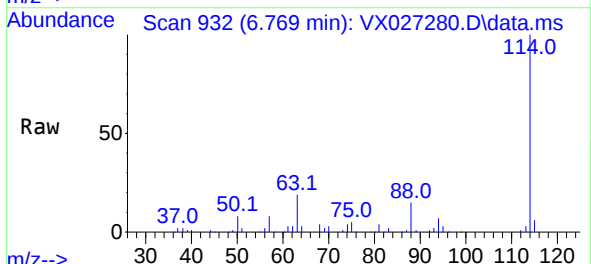
Instrument :
MSVOA_X
ClientSampleId :

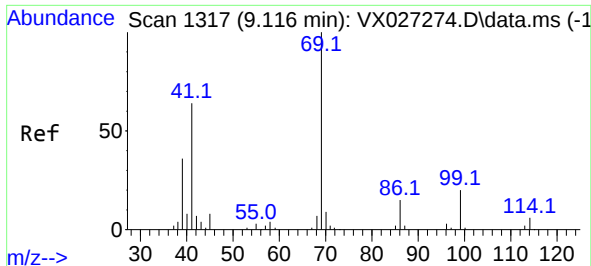
Tgt Ion: 65 Resp: 26261
Ion Ratio Lower Upper
65 100
67 50.6 42.3 63.5



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

Tgt Ion: 114 Resp: 66731
Ion Ratio Lower Upper
114 100
63 19.6 15.3 22.9
88 15.7 12.2 18.4





#51

Ethyl methacrylate

Concen: 0.206 ug/l

RT: 8.659 min Scan# 11

Delta R.T. -0.457 min

Lab File: VX027280.D

Acq: 03 Mar 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

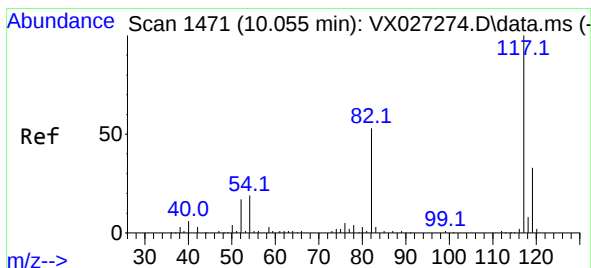
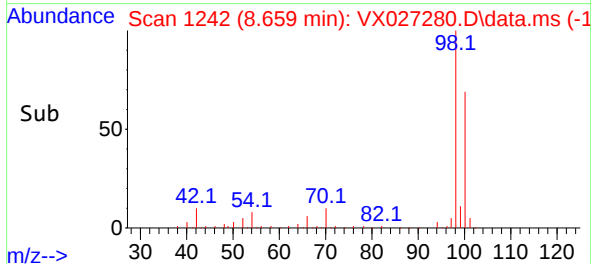
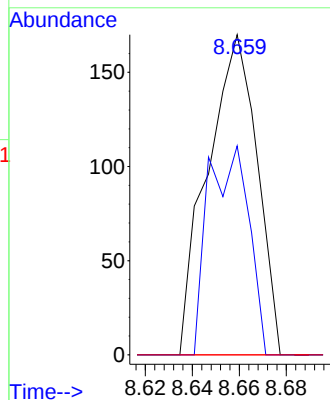
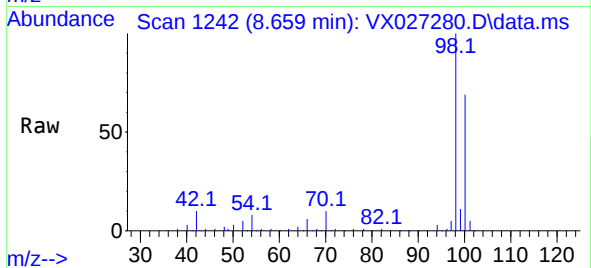
Tgt Ion: 69 Resp: 249

Ion Ratio Lower Upper

69 100

41 65.3 32.1 96.5

39 0.0 18.3 54.9#



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027280.D

Acq: 03 Mar 2022 19:50

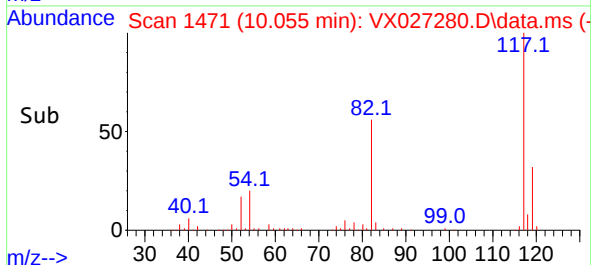
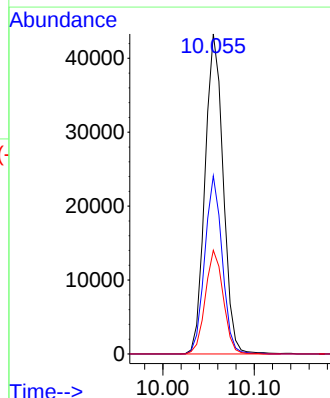
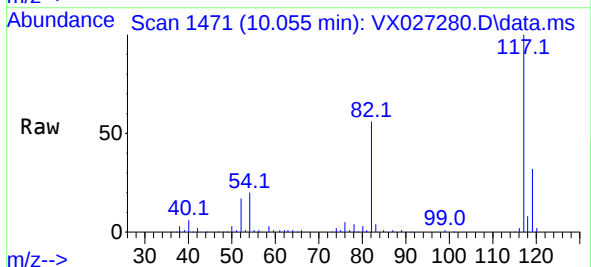
Tgt Ion: 117 Resp: 59618

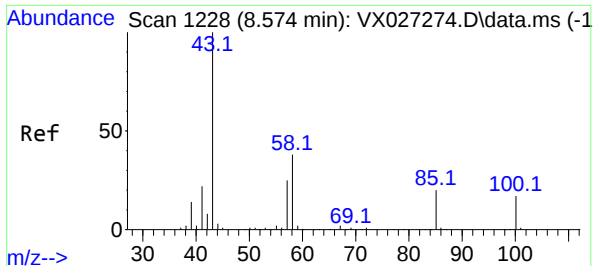
Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

119 32.0 26.2 39.2





#58

4-Methyl-2-Pentanone

Concen: 0.254 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027280.D

Acq: 03 Mar 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :

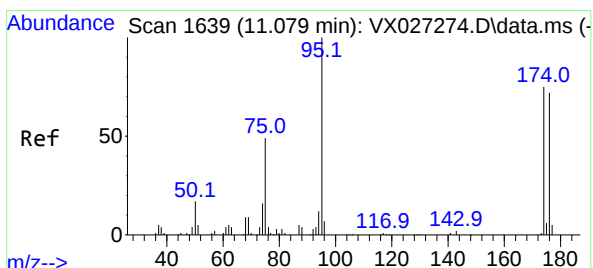
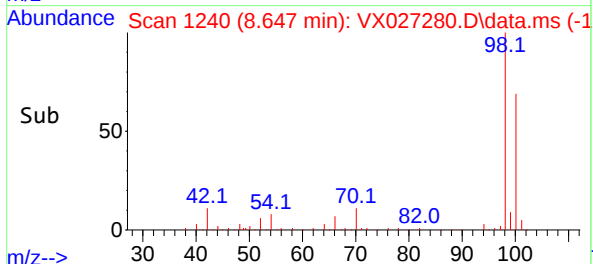
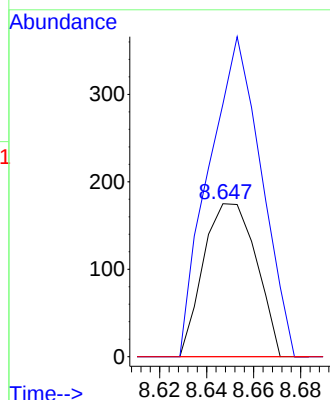
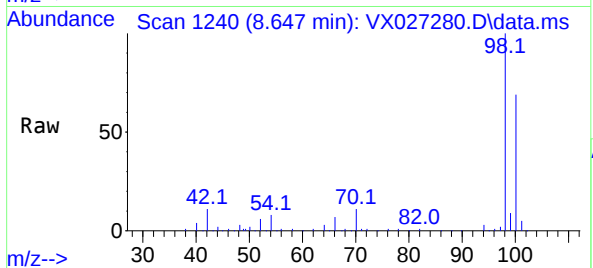
Tgt Ion: 43 Resp: 274

Ion Ratio Lower Upper

43 100

58 207.3 31.8 47.6#

85 0.0 15.8 23.6#



#60

4-Bromofluorobenzene

Concen: 28.600 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027280.D

Acq: 03 Mar 2022 19:50

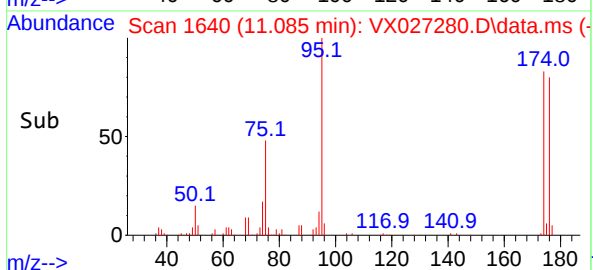
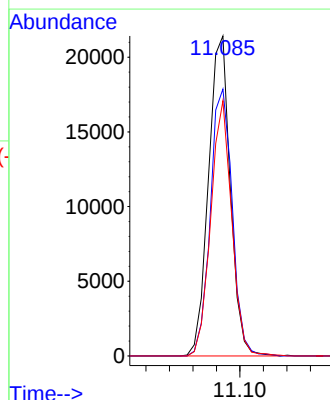
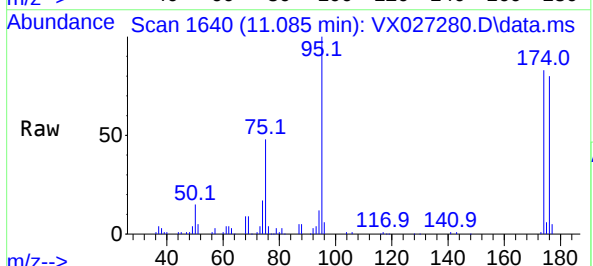
Tgt Ion: 95 Resp: 27622

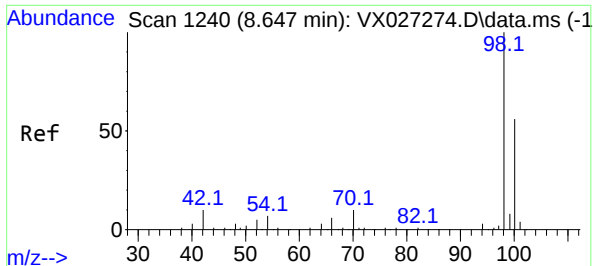
Ion Ratio Lower Upper

95 100

174 83.7 65.4 98.2

176 76.1 63.4 95.0

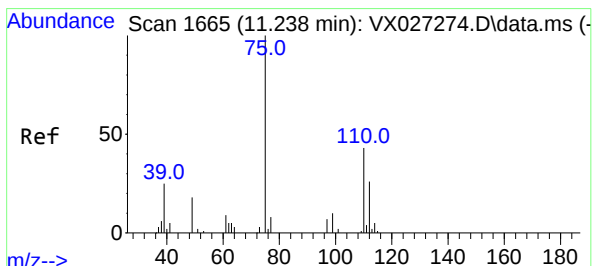
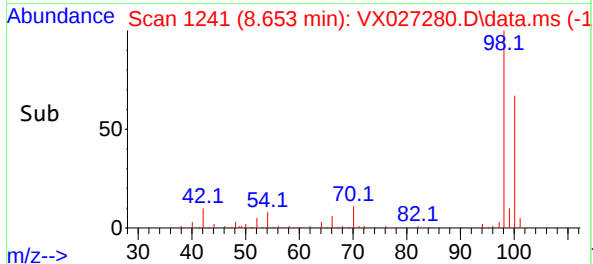
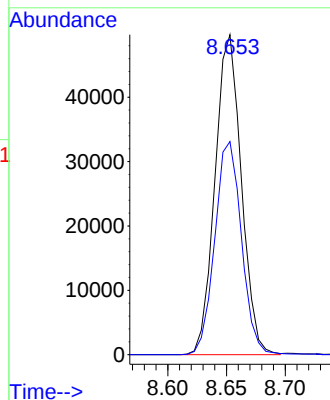
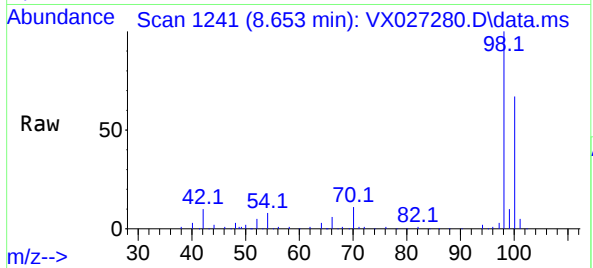




#63
Toluene-d8
Concen: 29.760 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

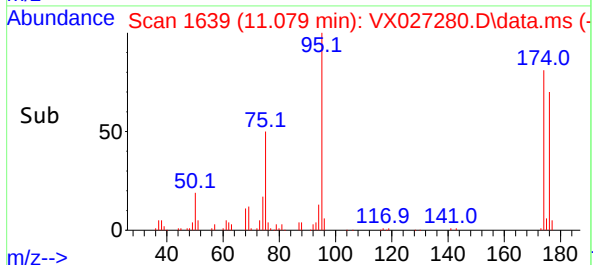
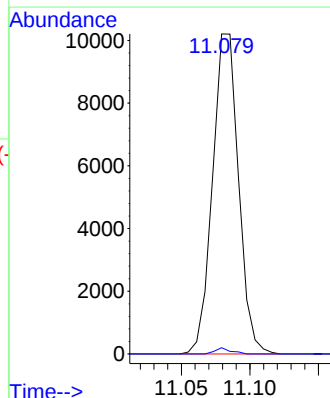
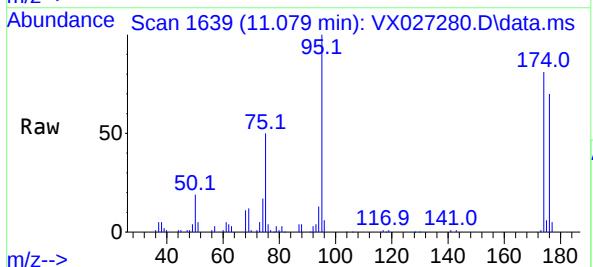
Instrument :
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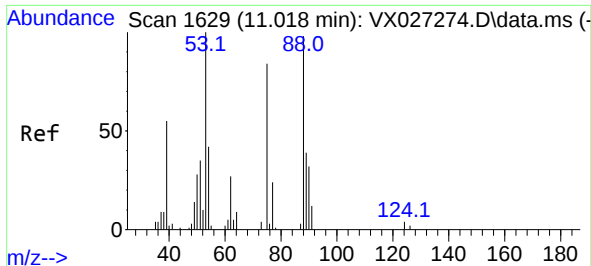
Tgt Ion: 98 Resp: 77562
Ion Ratio Lower Upper
98 100
100 67.5 51.4 77.2



#72
1,2,3-Trichloropropane
Concen: 12.886 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX027280.D
Acq: 03 Mar 2022 19:50

Tgt Ion: 75 Resp: 13482
Ion Ratio Lower Upper
75 100
77 1.1 0.0 78.6





#77

t-1,4-Dichloro-2-butene

Concen: 43.496 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

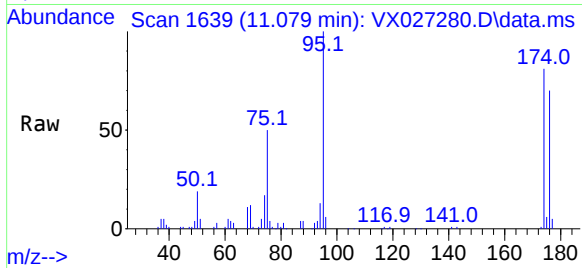
Lab File: VX027280.D

Acq: 03 Mar 2022 19:50

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 13482

Ion Ratio Lower Upper

75 100

53 0.0 59.7 179.1#

89 0.0 23.1 69.2#

