

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041960.D
 Acq On : 20 Jun 2024 13:01
 Operator : JC/MD
 Sample : P2931-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240614022-01

Quant Time: Jun 21 03:16:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

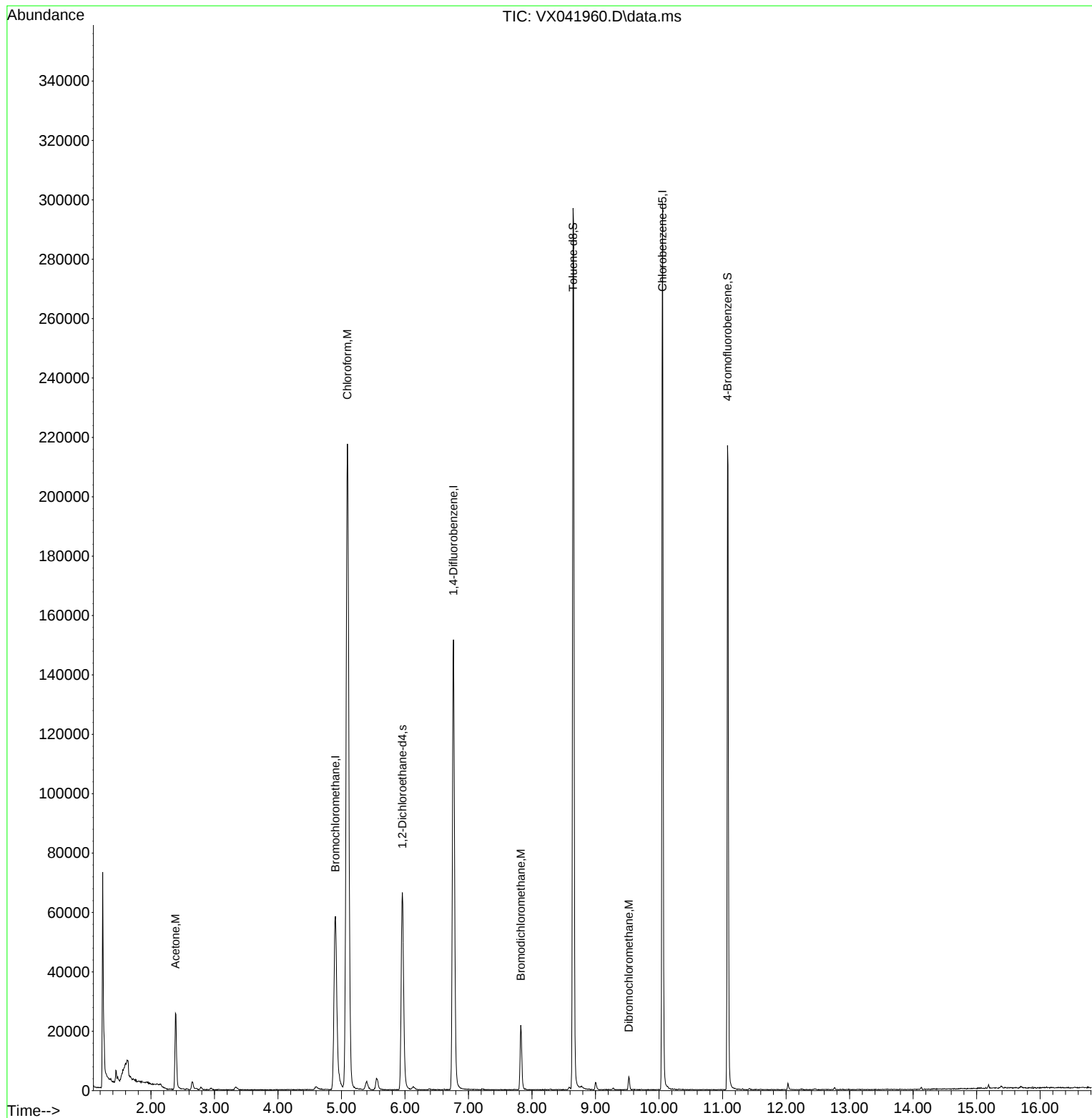
Internal Standards						
1) Bromochloromethane	4.903	128	30253	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	166332	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144022	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64579	31.009	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.367%
60) 4-Bromofluorobenzene	11.079	95	60098	26.958	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.867%
63) Toluene-d8	8.647	98	188600	30.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.033%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	9434	29.476	ug/l	92
25) Chloroform	5.092	83	274620	81.963	ug/l	99
41) Bromodichloromethane	7.824	83	14740	6.456	ug/l	98
53) Dibromochloromethane	9.525	129	2355	1.161	ug/l	98

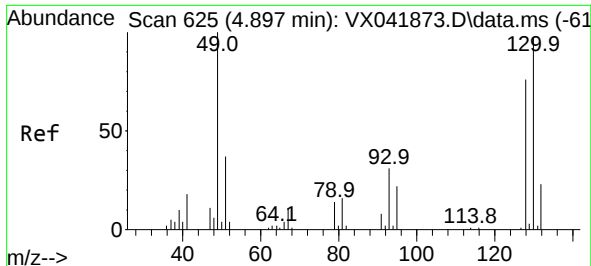
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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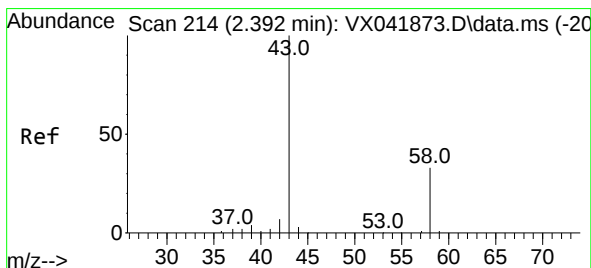
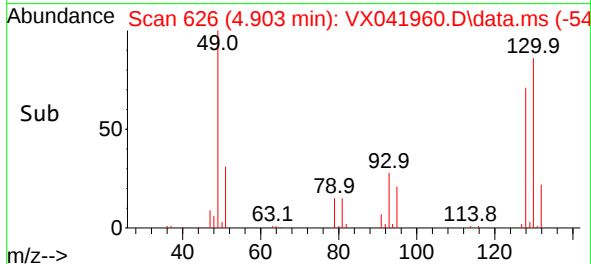
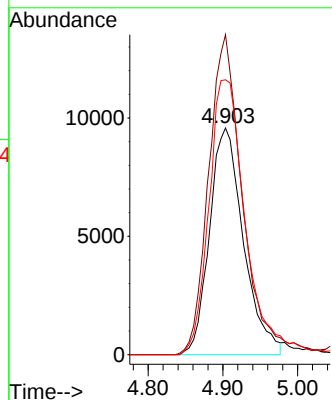
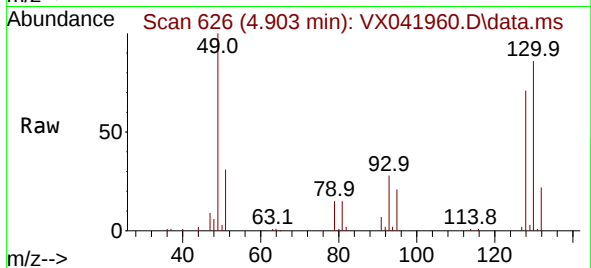




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

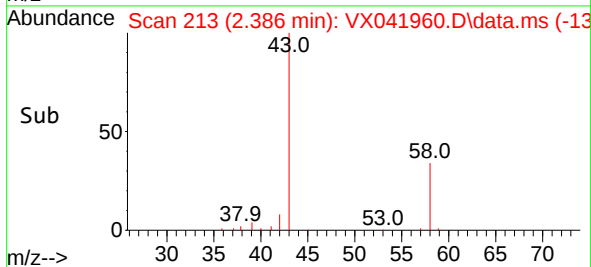
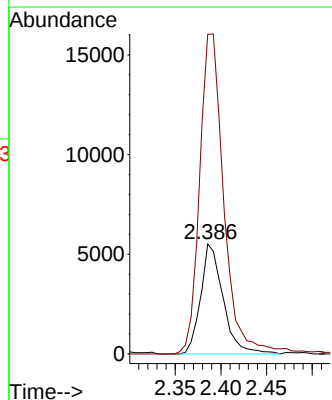
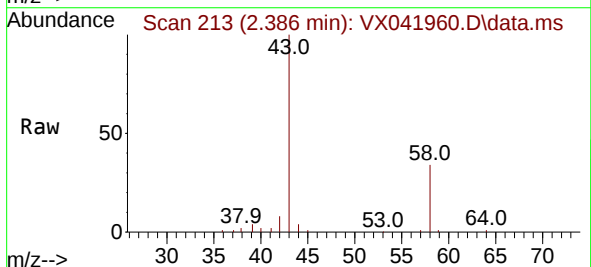
Instrument :
MSVOA_X
ClientSampleId :
240614022-01

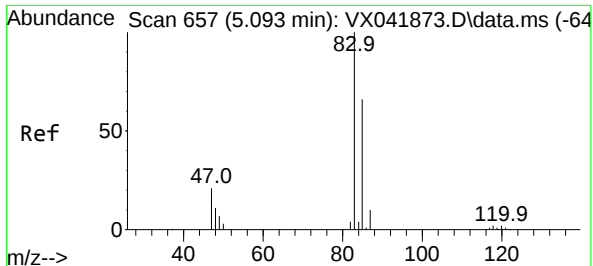
Tgt Ion:128 Resp: 30253
Ion Ratio Lower Upper
128 100
49 141.7 0.0 338.5
130 128.3 0.0 324.5



#15
Acetone
Concen: 29.476 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

Tgt Ion: 58 Resp: 9434
Ion Ratio Lower Upper
58 100
43 288.8 243.4 365.2





#25

Chloroform

Concen: 81.963 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX041960.D

Acq: 20 Jun 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

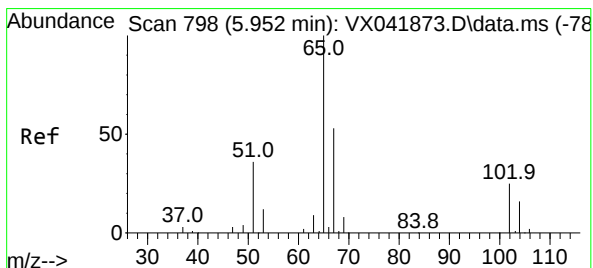
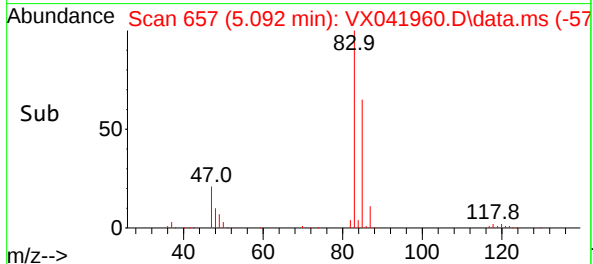
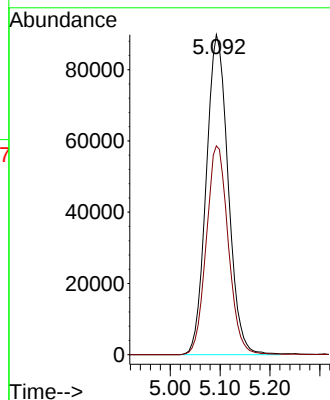
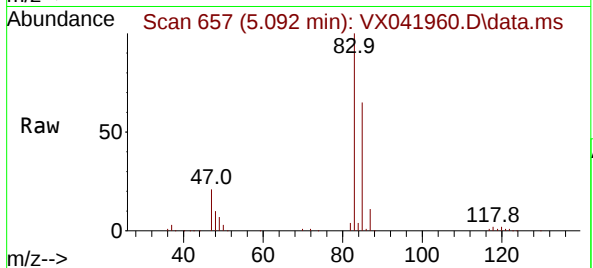
240614022-01

Tgt Ion: 83 Resp: 274620

Ion Ratio Lower Upper

83 100

85 65.3 52.7 79.1



#27

1,2-Dichloroethane-d4

Concen: 31.009 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX041960.D

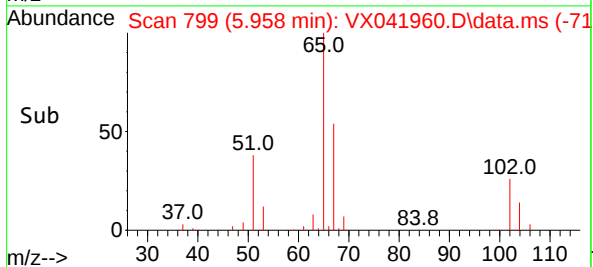
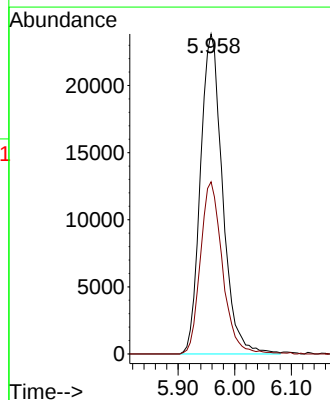
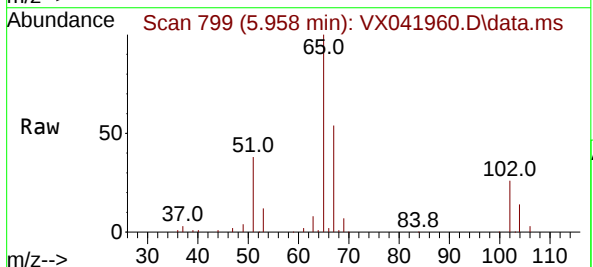
Acq: 20 Jun 2024 13:01

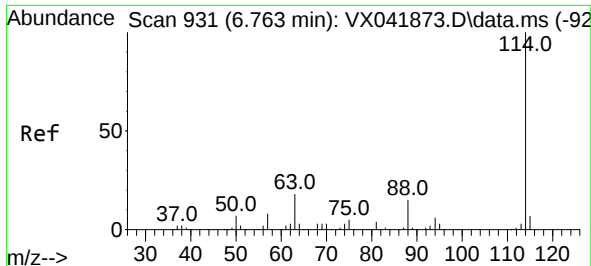
Tgt Ion: 65 Resp: 64579

Ion Ratio Lower Upper

65 100

67 53.7 43.4 65.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX041960.D

Acq: 20 Jun 2024 13:01

Instrument :

MSVOA_X

ClientSampleId :

240614022-01

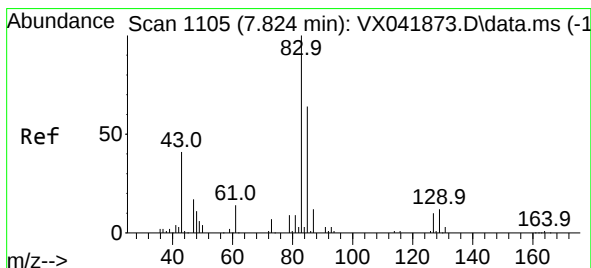
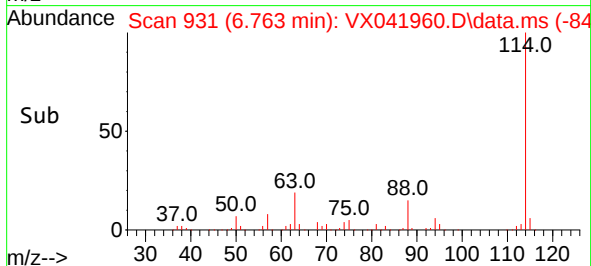
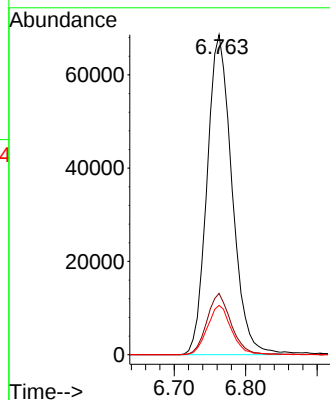
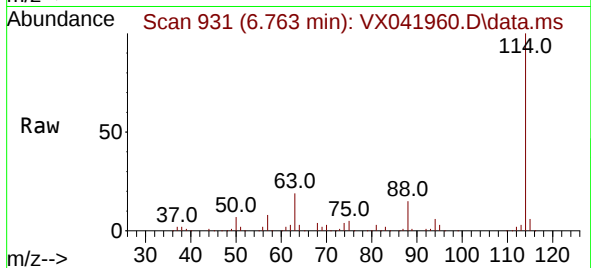
Tgt Ion:114 Resp: 166332

Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

88 14.8 11.8 17.8



#41

Bromodichloromethane

Concen: 6.456 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VX041960.D

Acq: 20 Jun 2024 13:01

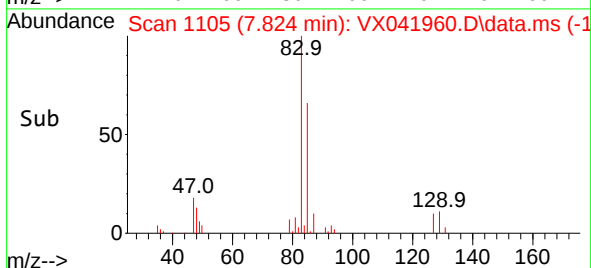
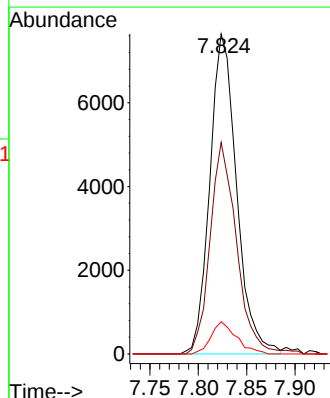
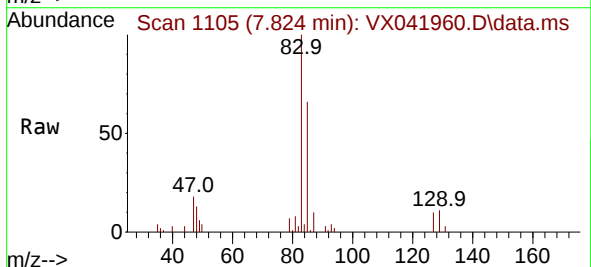
Tgt Ion: 83 Resp: 14740

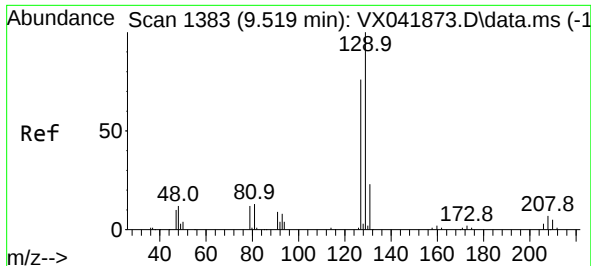
Ion Ratio Lower Upper

83 100

85 66.1 51.1 76.7

127 10.1 8.1 12.1

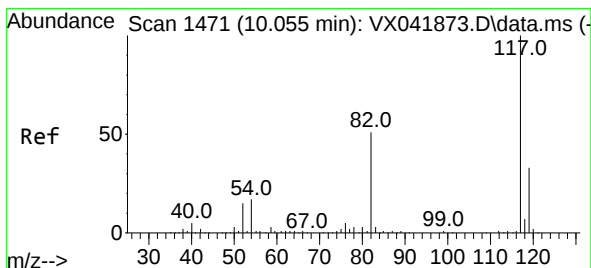
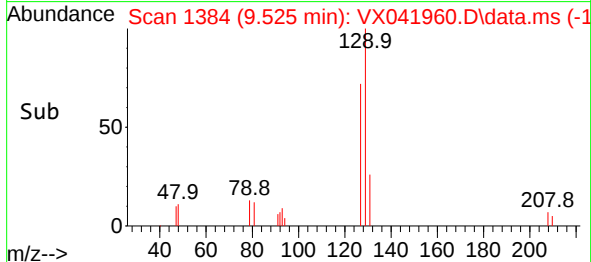
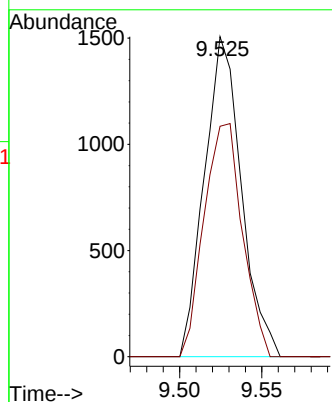
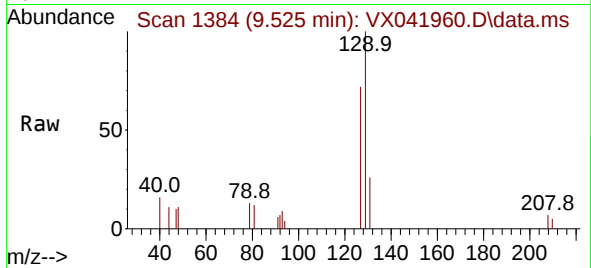




#53
Dibromochloromethane
Concen: 1.161 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

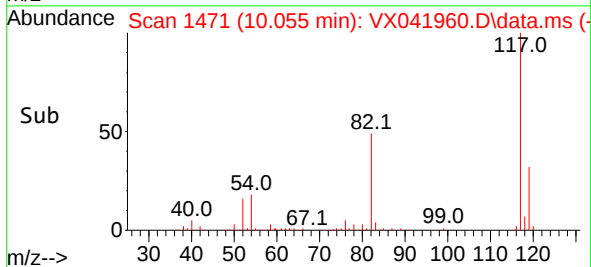
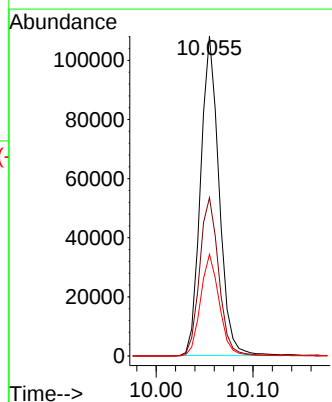
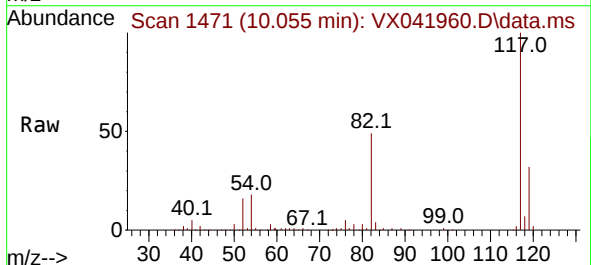
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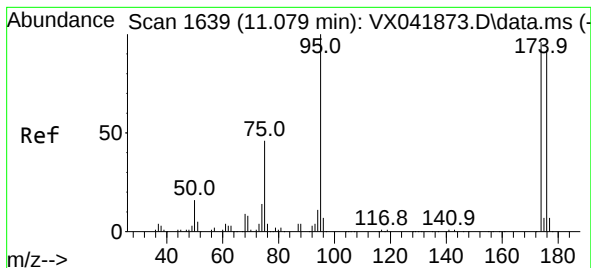
Tgt Ion:129 Resp: 2355
Ion Ratio Lower Upper
129 100
127 75.6 38.8 116.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

Tgt Ion:117 Resp: 144022
Ion Ratio Lower Upper
117 100
82 51.2 41.1 61.7
119 32.5 26.1 39.1

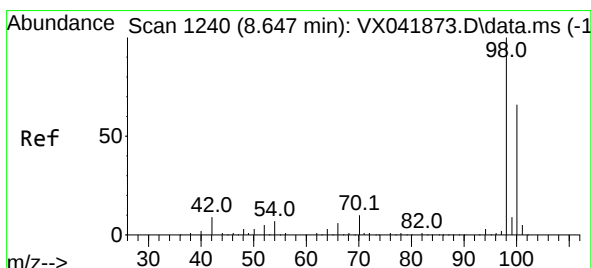
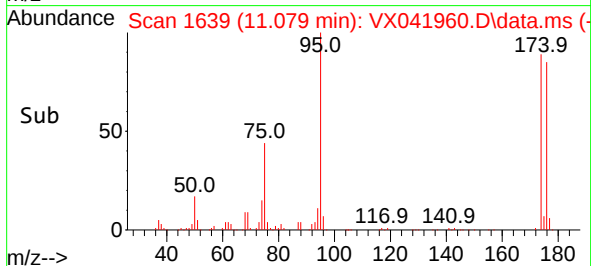
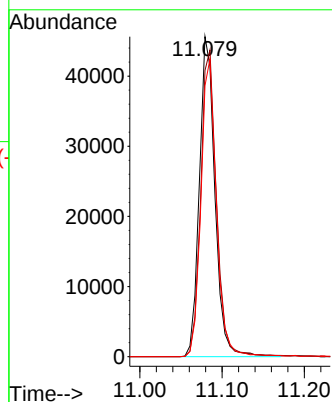
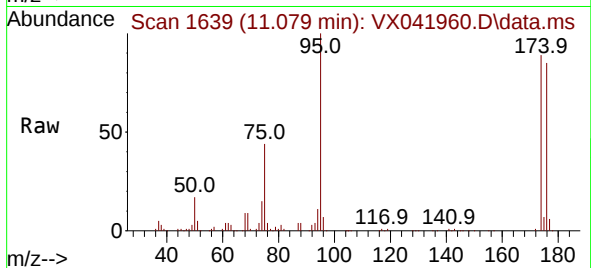




#60
4-Bromofluorobenzene
Concen: 26.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

Instrument :
MSVOA_X
ClientSampleId :
240614022-01

Tgt Ion: 95 Resp: 60098
Ion Ratio Lower Upper
95 100
174 97.0 78.9 118.3
176 91.8 77.1 115.7



#63
Toluene-d8
Concen: 30.608 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041960.D
Acq: 20 Jun 2024 13:01

Tgt Ion: 98 Resp: 188600
Ion Ratio Lower Upper
98 100
100 67.7 52.7 79.1

