

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061724\
 Data File : VX041907.D
 Acq On : 17 Jun 2024 14:11
 Operator : JC/MD
 Sample : P2908-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240613027-02

Quant Time: Jun 18 02:07:50 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)

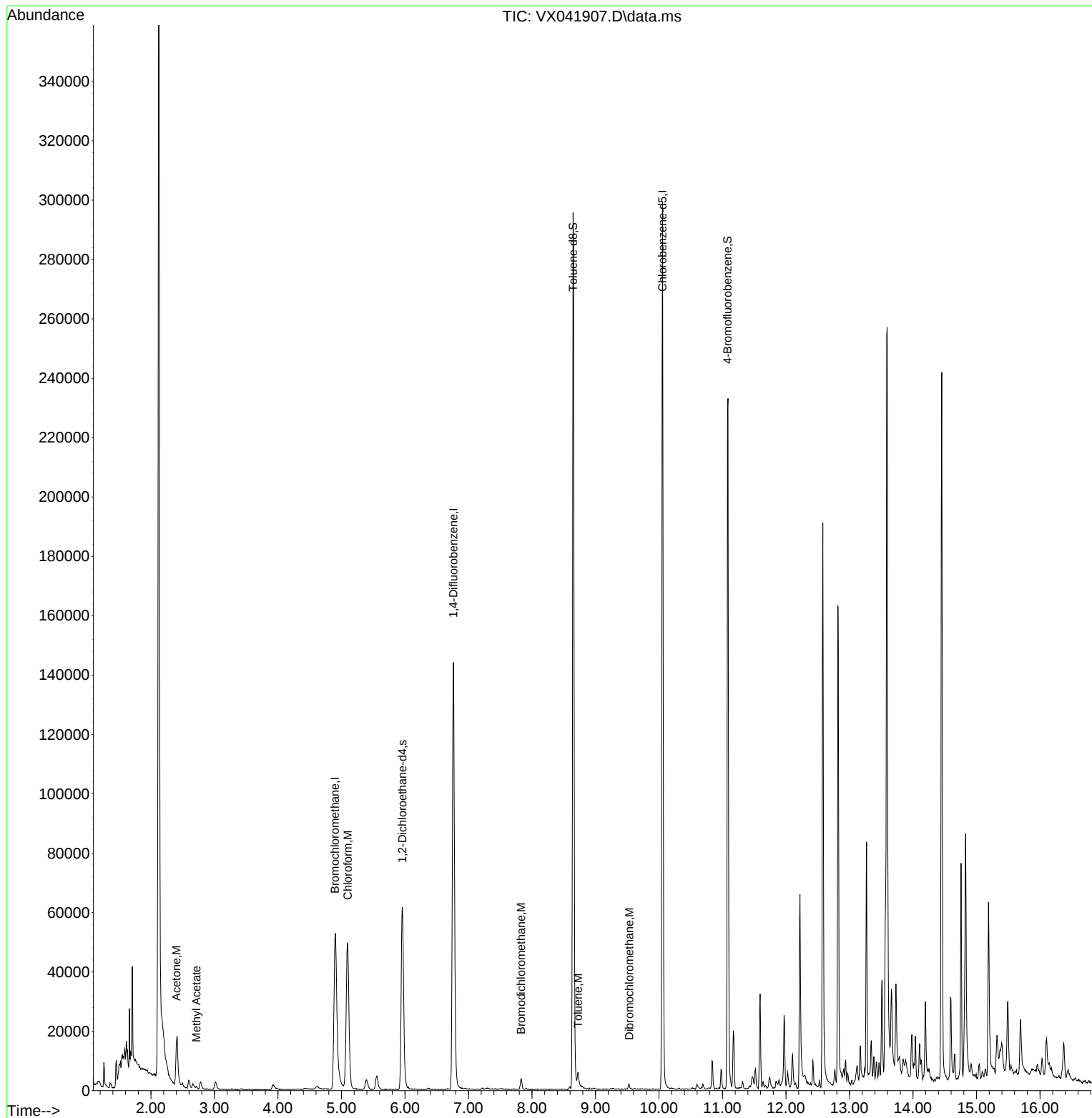
Internal Standards						
1) Bromochloromethane	4.898	128	29018	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	158533	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	144916	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60191	30.132	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.433%
60) 4-Bromofluorobenzene	11.079	95	63373	28.251	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.167%
63) Toluene-d8	8.647	98	184898	29.822	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.715	43	723	0.320	ug/l	99
15) Acetone	2.398	58	4138	13.479	ug/l	97
25) Chloroform	5.099	83	63161	19.653	ug/l	98
41) Bromodichloromethane	7.830	83	2646	1.216	ug/l	95
53) Dibromochloromethane	9.531	129	916	0.474	ug/l	89
62) Toluene	8.726	91	3441	0.469	ug/l	96

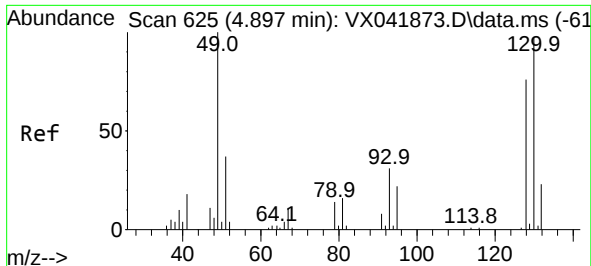
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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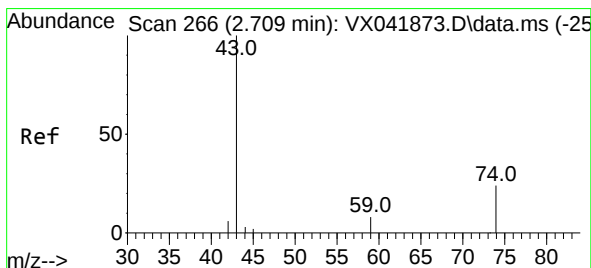
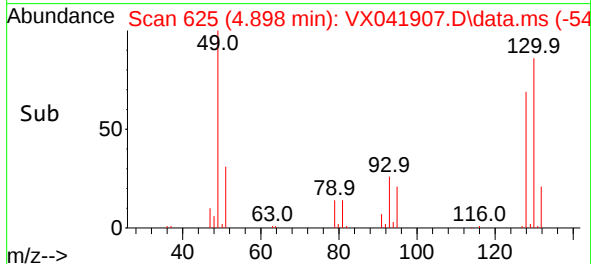
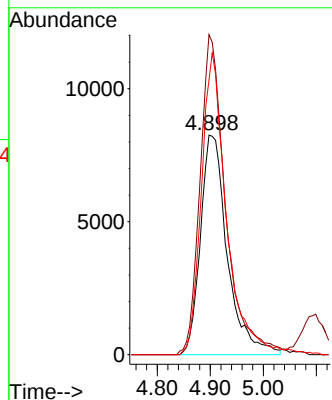
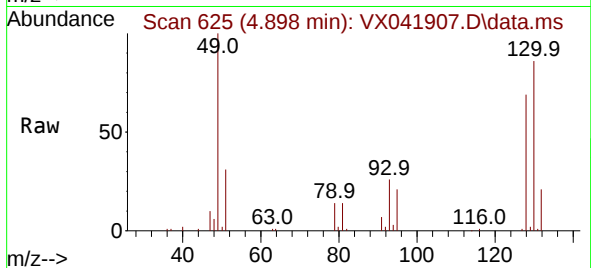




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

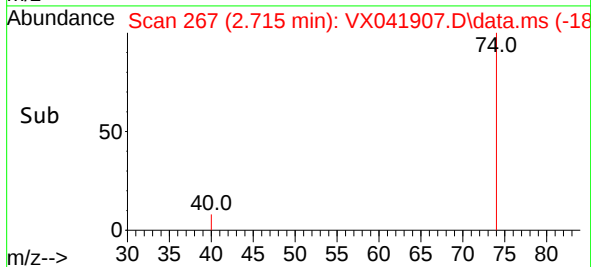
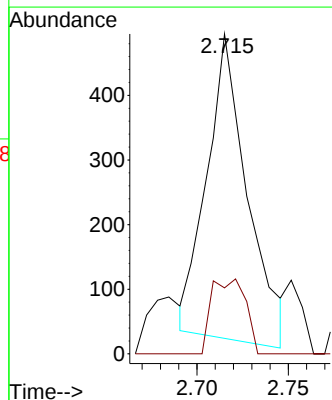
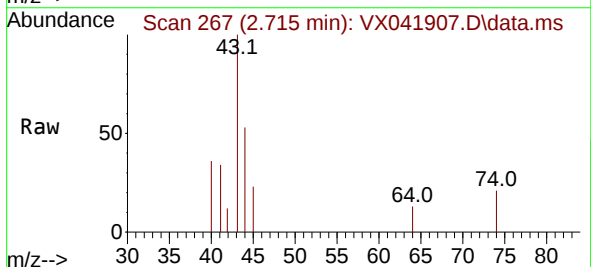
Instrument :
MSVOA_X
ClientSampleId :
240613027-02

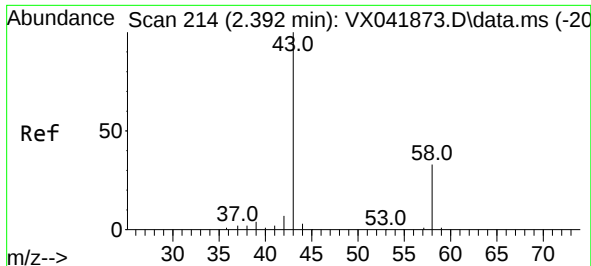
Tgt Ion:128 Resp: 29018
Ion Ratio Lower Upper
128 100
49 137.2 0.0 338.5
130 127.3 0.0 324.5



#12
Methyl Acetate
Concen: 0.320 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

Tgt Ion: 43 Resp: 723
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.2





#15

Acetone

Concen: 13.479 ug/l

RT: 2.398 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX041907.D

Acq: 17 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

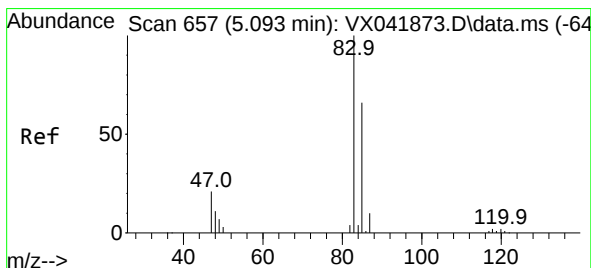
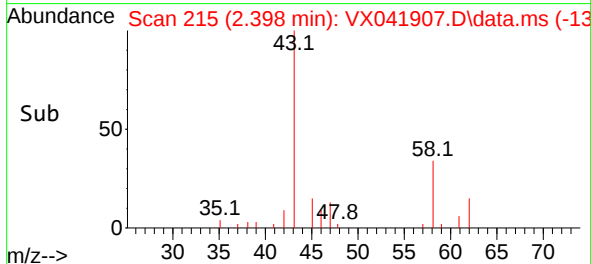
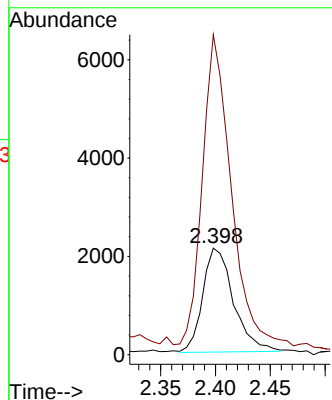
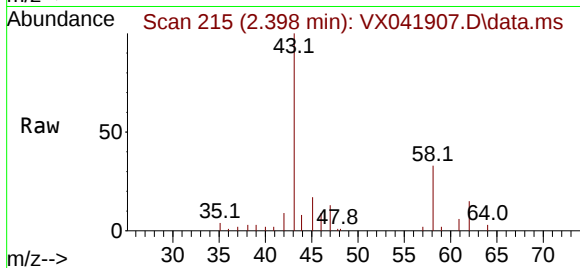
240613027-02

Tgt Ion: 58 Resp: 4138

Ion Ratio Lower Upper

58 100

43 299.3 243.4 365.2



#25

Chloroform

Concen: 19.653 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX041907.D

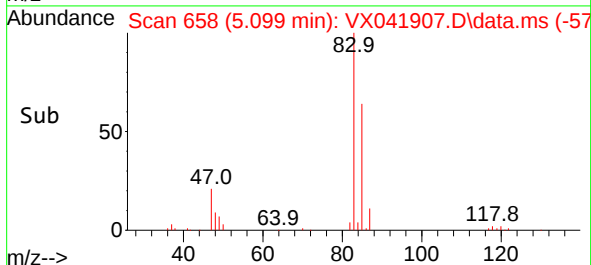
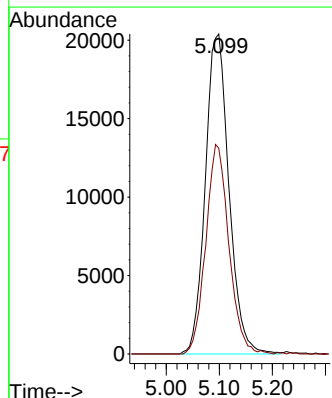
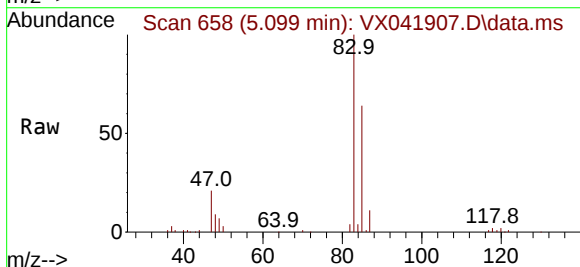
Acq: 17 Jun 2024 14:11

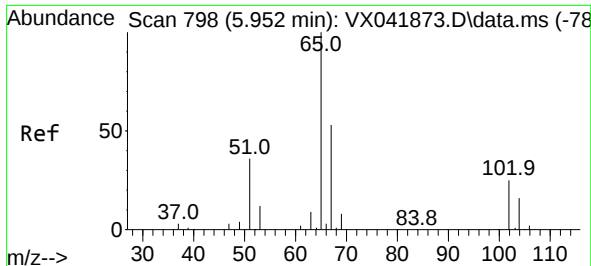
Tgt Ion: 83 Resp: 63161

Ion Ratio Lower Upper

83 100

85 64.3 52.7 79.1





#27

1,2-Dichloroethane-d4

Concen: 30.132 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041907.D

Acq: 17 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

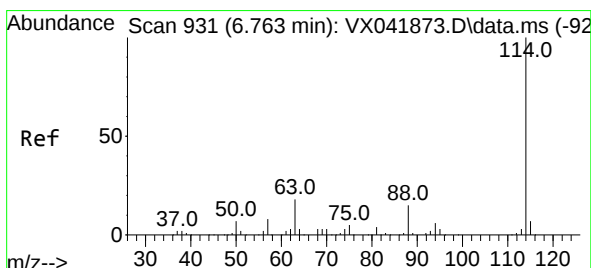
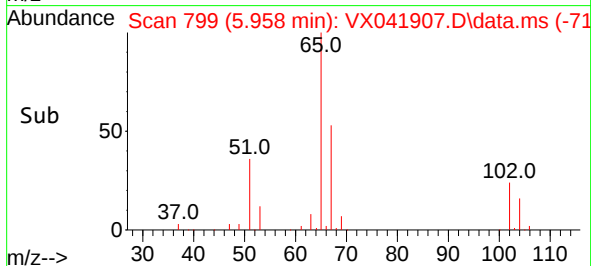
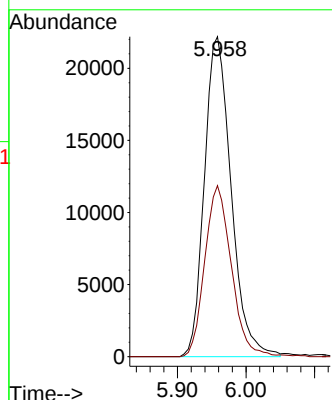
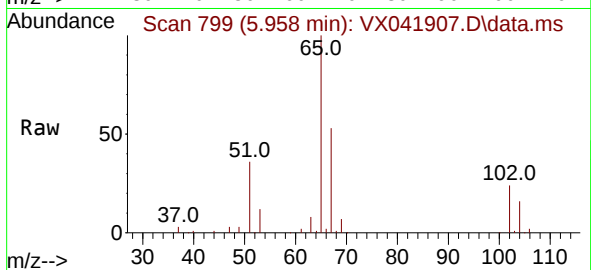
240613027-02

Tgt Ion: 65 Resp: 60191

Ion Ratio Lower Upper

65 100

67 53.0 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX041907.D

Acq: 17 Jun 2024 14:11

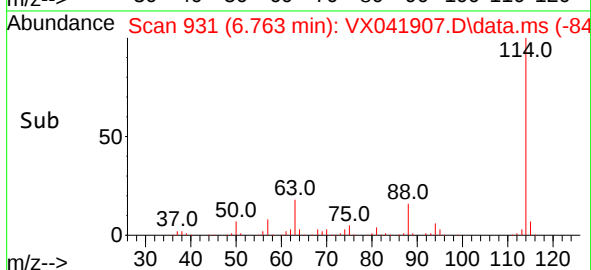
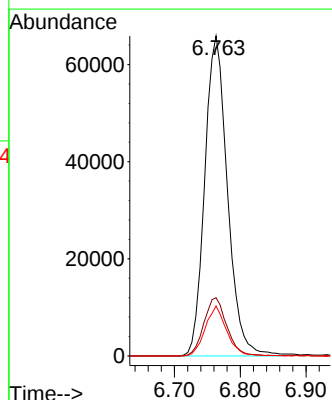
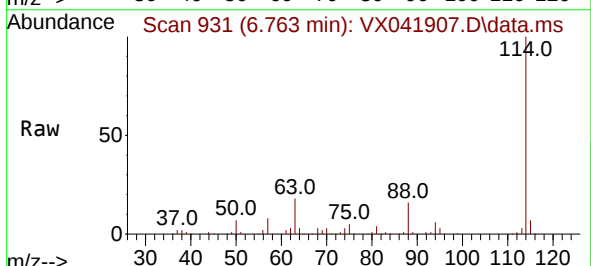
Tgt Ion: 114 Resp: 158533

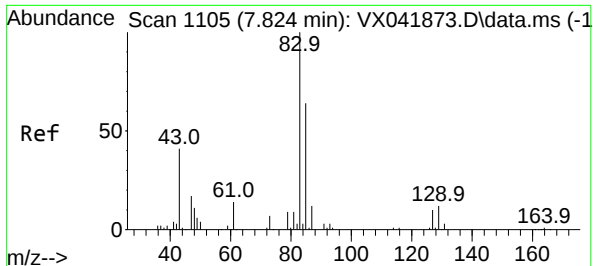
Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

88 14.7 11.8 17.8

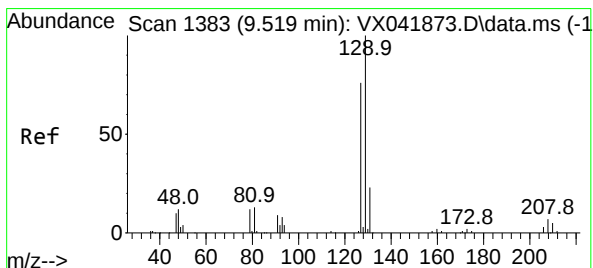
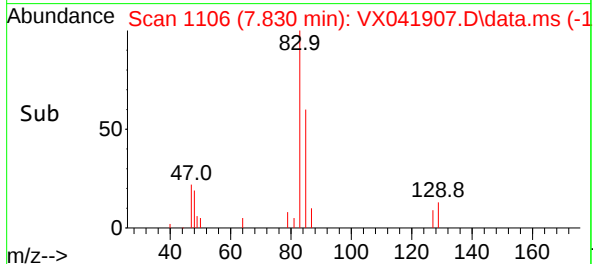
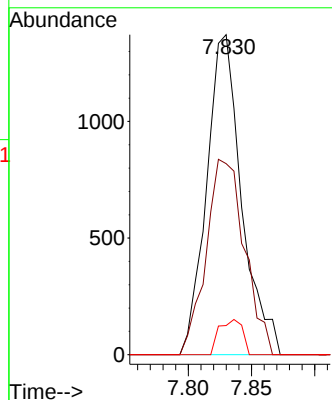
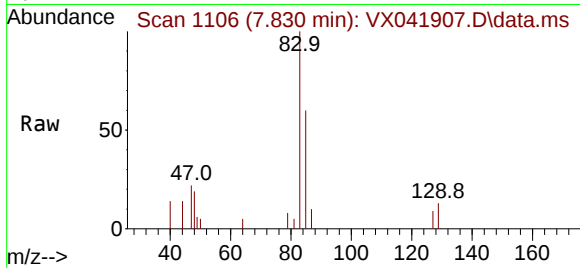




#41
Bromodichloromethane
Concen: 1.216 ug/l
RT: 7.830 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

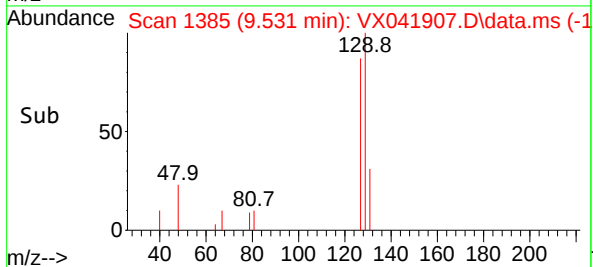
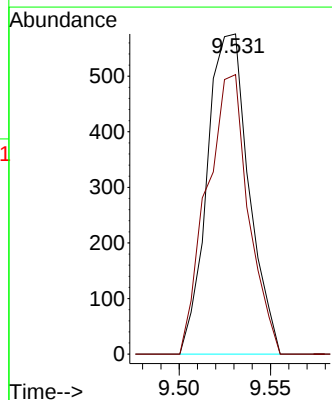
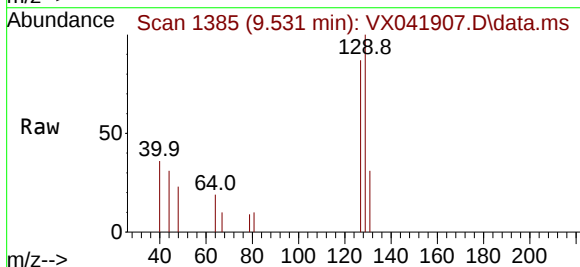
Instrument :
MSVOA_X
ClientSampleId :
240613027-02

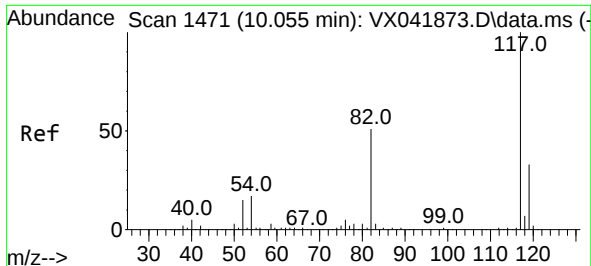
Tgt Ion: 83 Resp: 2646
Ion Ratio Lower Upper
83 100
85 59.7 51.1 76.7
127 9.1 8.1 12.1



#53
Dibromochloromethane
Concen: 0.474 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

Tgt Ion: 129 Resp: 916
Ion Ratio Lower Upper
129 100
127 87.2 38.8 116.4

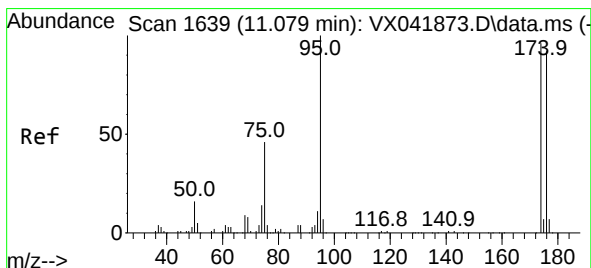
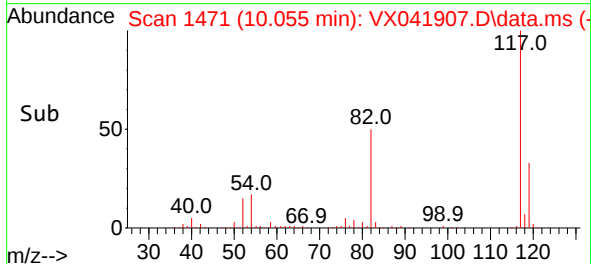
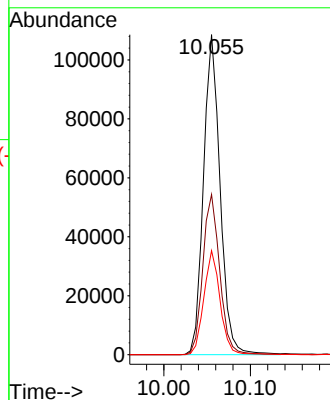
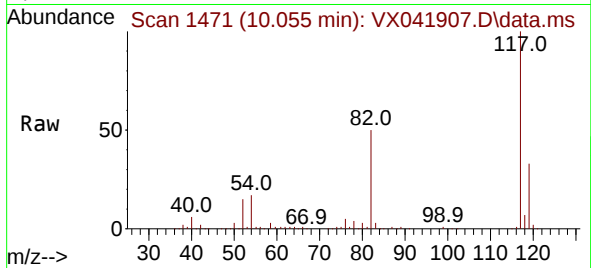




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

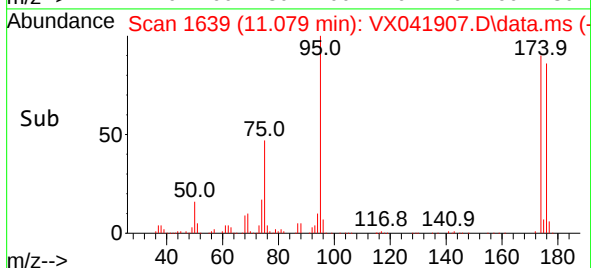
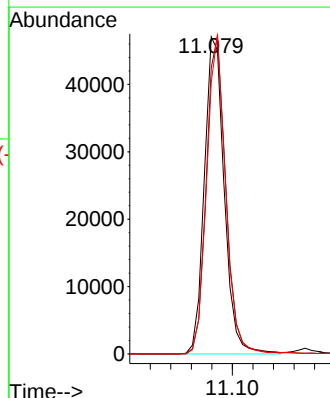
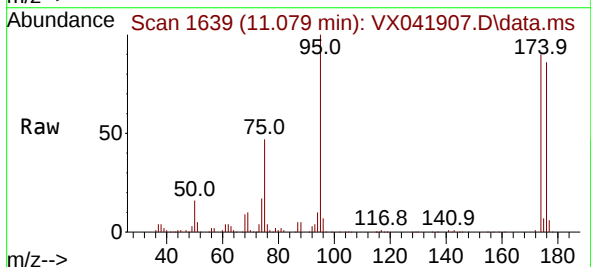
Instrument :
MSVOA_X
ClientSampleId :
240613027-02

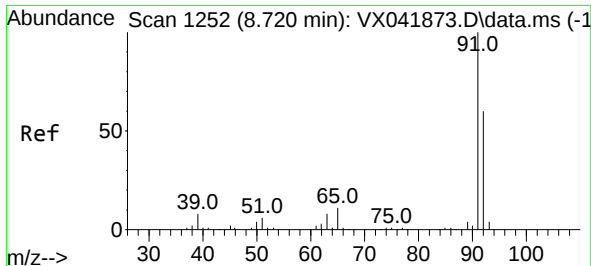
Tgt Ion:117 Resp: 144916
Ion Ratio Lower Upper
117 100
82 50.9 41.1 61.7
119 31.9 26.1 39.1



#60
4-Bromofluorobenzene
Concen: 28.251 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041907.D
Acq: 17 Jun 2024 14:11

Tgt Ion: 95 Resp: 63373
Ion Ratio Lower Upper
95 100
174 98.2 78.9 118.3
176 95.5 77.1 115.7





#62

Toluene

Concen: 0.469 ug/l

RT: 8.726 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041907.D

Acq: 17 Jun 2024 14:11

Instrument :

MSVOA_X

ClientSampleId :

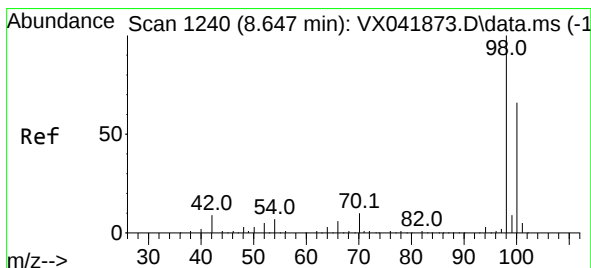
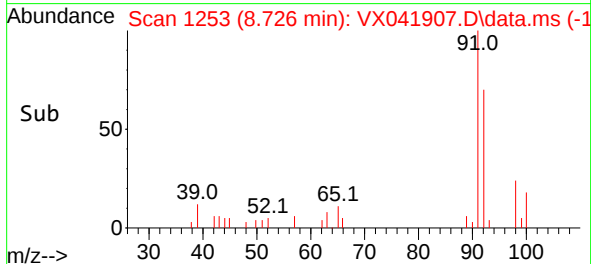
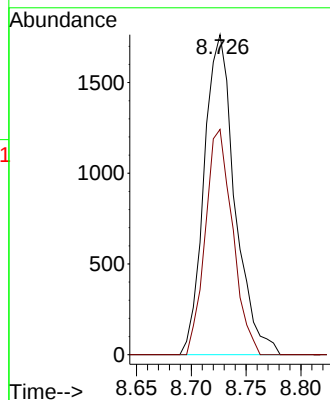
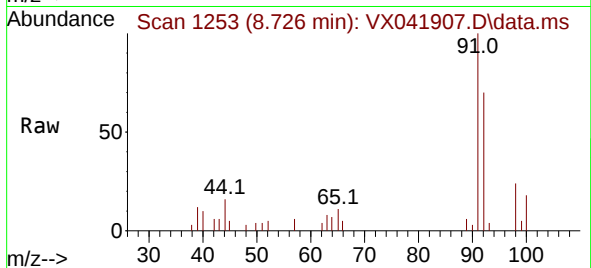
240613027-02

Tgt Ion: 91 Resp: 3441

Ion Ratio Lower Upper

91 100

92 62.6 47.4 71.2



#63

Toluene-d8

Concen: 29.822 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041907.D

Acq: 17 Jun 2024 14:11

Tgt Ion: 98 Resp: 184898

Ion Ratio Lower Upper

98 100

100 67.0 52.7 79.1

