

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042078.D
 Acq On : 27 Jun 2024 16:35
 Operator : JC/MD
 Sample : P3067-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JUNE)DL

Quant Time: Jun 28 04:06:08 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)

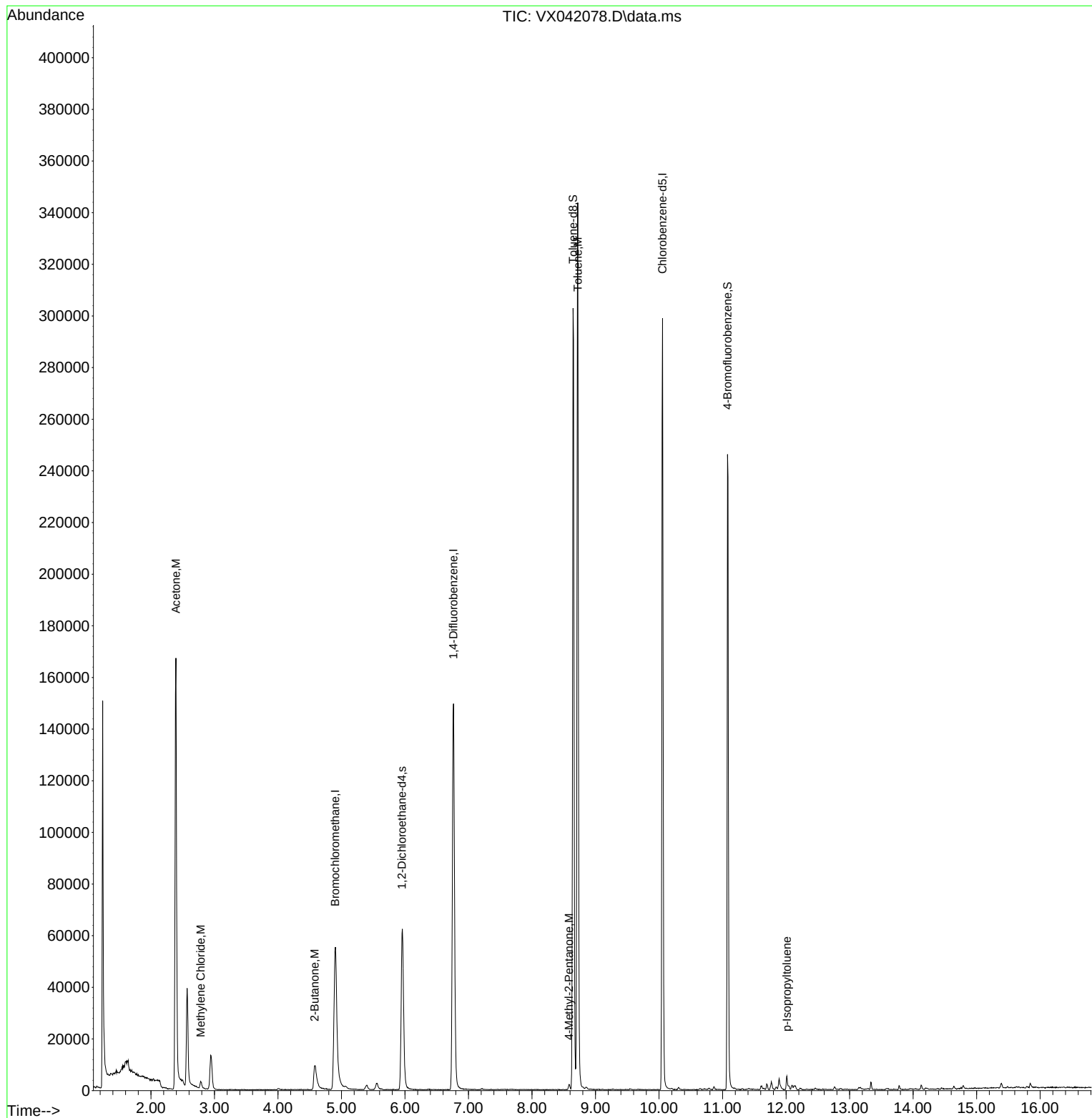
Internal Standards						
1) Bromochloromethane	4.897	128	30554	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	169808	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152096	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	59190	28.141	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	93.800%	
60) 4-Bromofluorobenzene	11.079	95	66252	28.140	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	93.800%	
63) Toluene-d8	8.647	98	192685	29.611	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	98.700%	
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	61692	190.855	ug/l	96
18) Methylene Chloride	2.782	84	1364	0.637	ug/l #	86
30) 2-Butanone	4.574	43	19025	12.847	ug/l	98
58) 4-Methyl-2-Pentanone	8.580	43	1329	0.488	ug/l #	94
62) Toluene	8.720	91	232421	30.198	ug/l	100
82) p-Isopropyltoluene	12.012	119	2328	0.302	ug/l	99

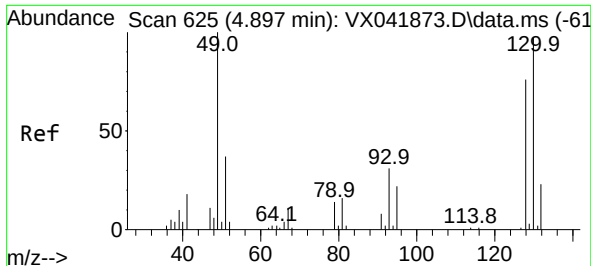
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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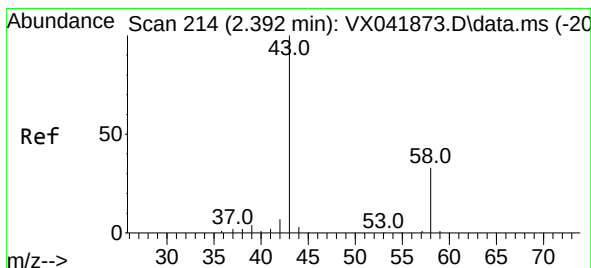
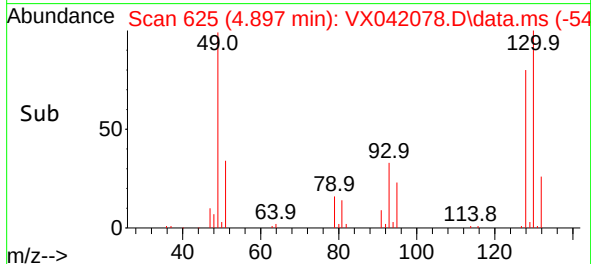
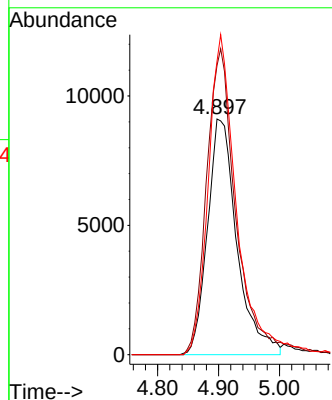
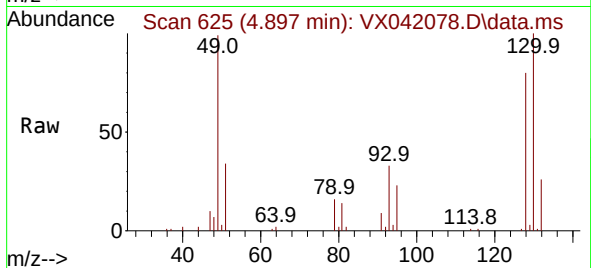




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

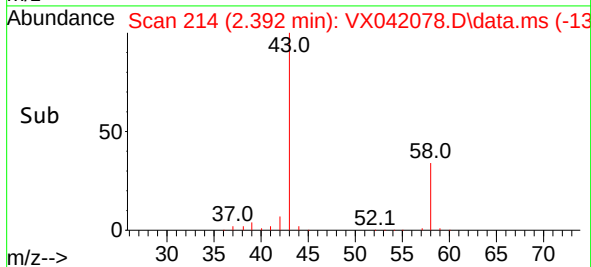
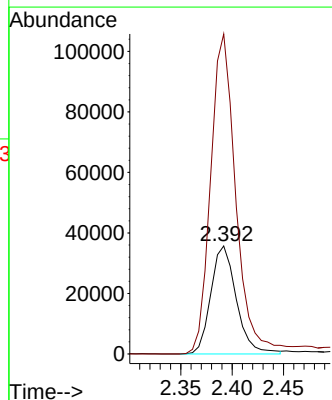
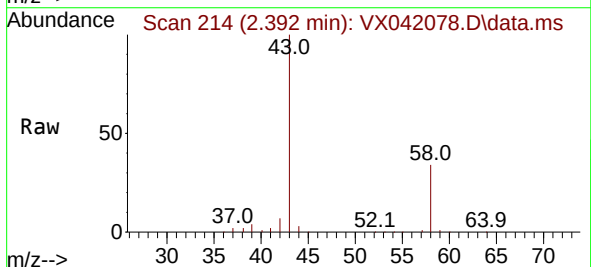
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

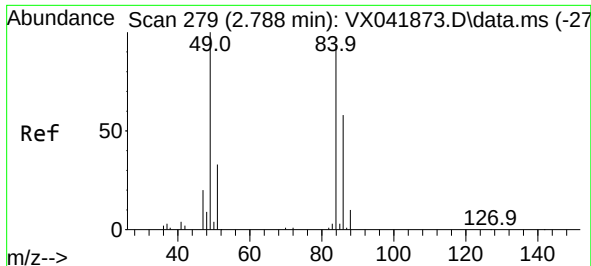
Tgt Ion:128 Resp: 30554
Ion Ratio Lower Upper
128 100
49 131.2 0.0 338.5
130 129.7 0.0 324.5



#15
Acetone
Concen: 190.855 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

Tgt Ion: 58 Resp: 61692
Ion Ratio Lower Upper
58 100
43 296.1 243.4 365.2

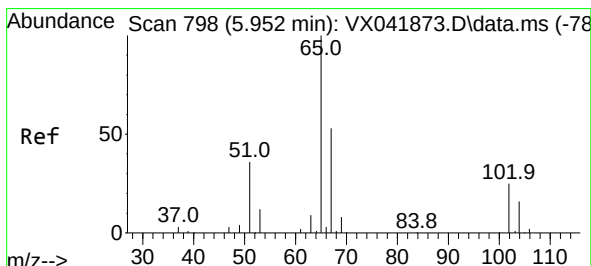
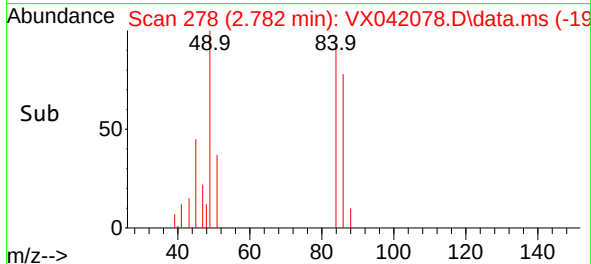
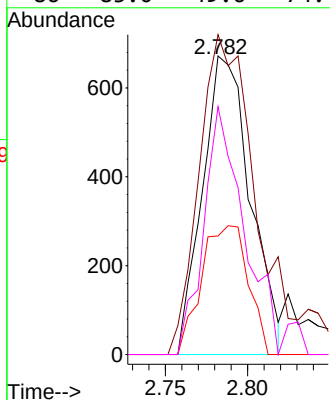
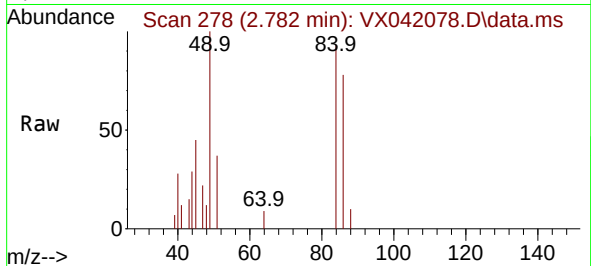




#18
Methylene Chloride
Concen: 0.637 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

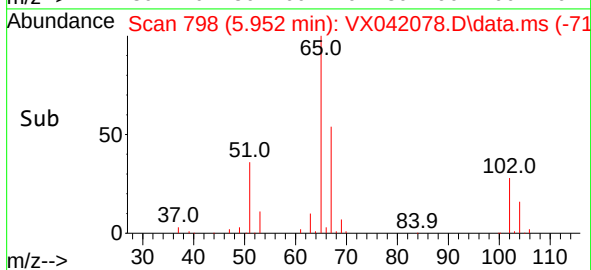
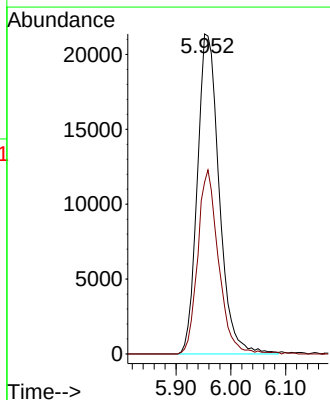
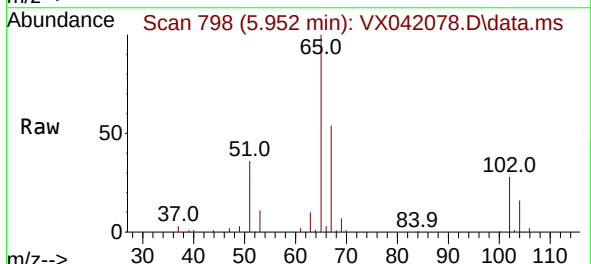
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JUNE)DL

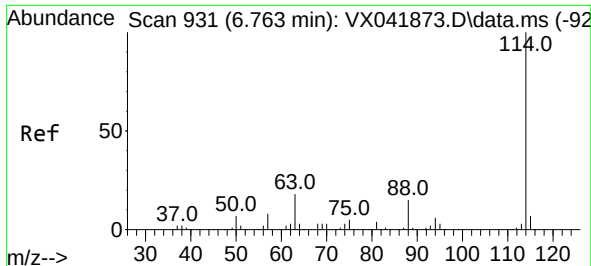
Tgt Ion: 84	Resp:	1364
Ion	Ratio	Lower Upper
84	100	
49	97.5	85.3 127.9
51	39.7	28.5 42.7
86	83.0	49.6 74.4#



#27
1,2-Dichloroethane-d4
Concen: 28.141 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

Tgt Ion: 65	Resp:	59190
Ion	Ratio	Lower Upper
65	100	
67	54.4	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: VX042078.D

Acq: 27 Jun 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)DL

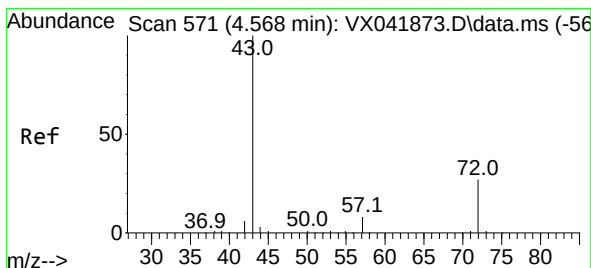
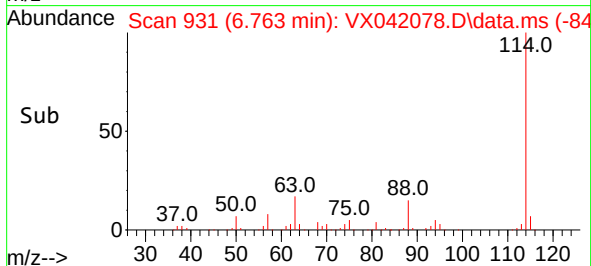
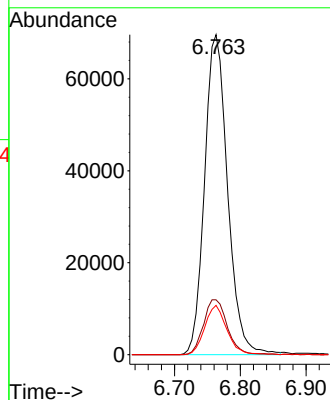
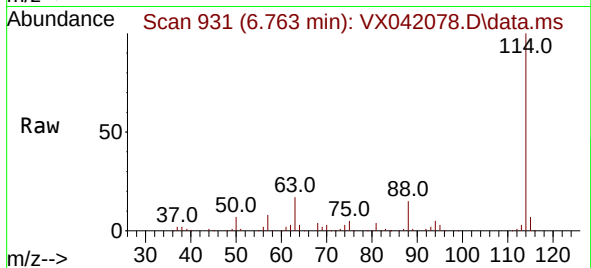
Tgt Ion:114 Resp: 169808

Ion Ratio Lower Upper

114 100

63 17.6 14.6 21.8

88 14.8 11.8 17.8



#30

2-Butanone

Concen: 12.847 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX042078.D

Acq: 27 Jun 2024 16:35

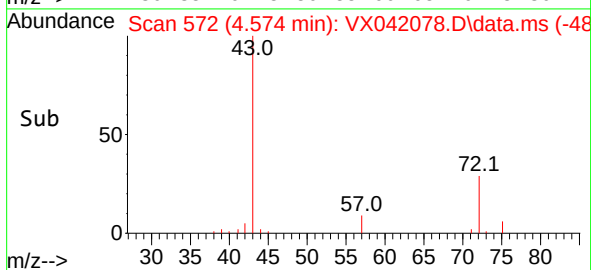
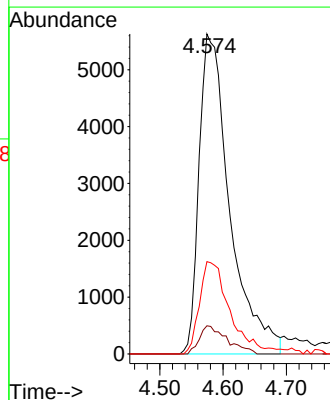
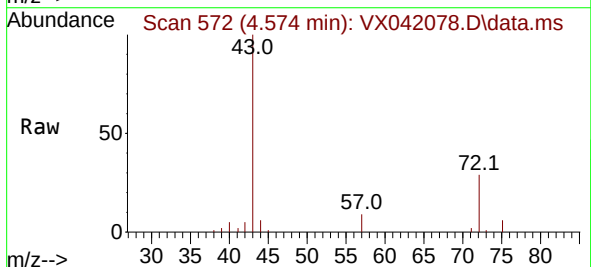
Tgt Ion: 43 Resp: 19025

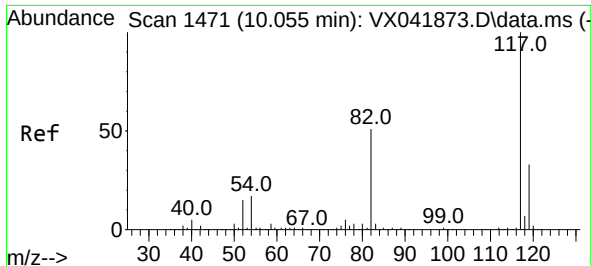
Ion Ratio Lower Upper

43 100

57 6.6 6.5 9.7

72 26.6 22.0 33.0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042078.D

Acq: 27 Jun 2024 16:35

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JUNE)DL

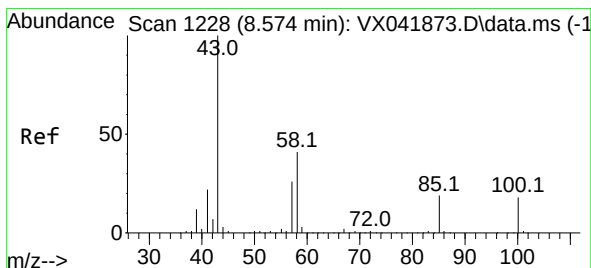
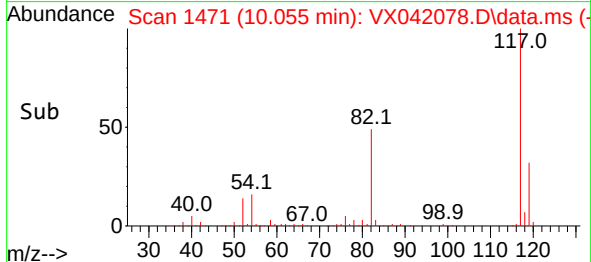
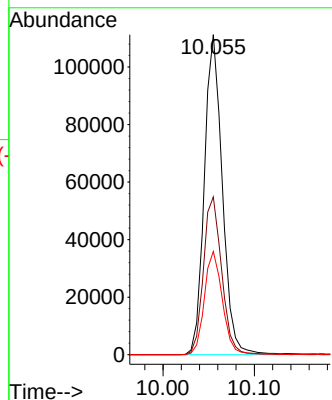
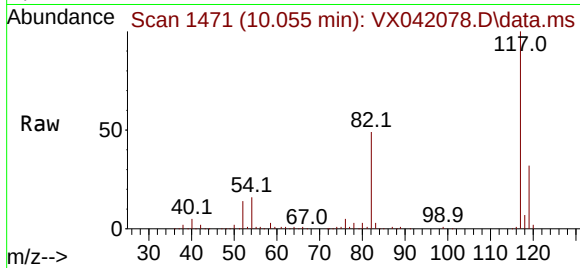
Tgt Ion:117 Resp: 152096

Ion Ratio Lower Upper

117 100

82 50.1 41.1 61.7

119 32.4 26.1 39.1



#58

4-Methyl-2-Pentanone

Concen: 0.488 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX042078.D

Acq: 27 Jun 2024 16:35

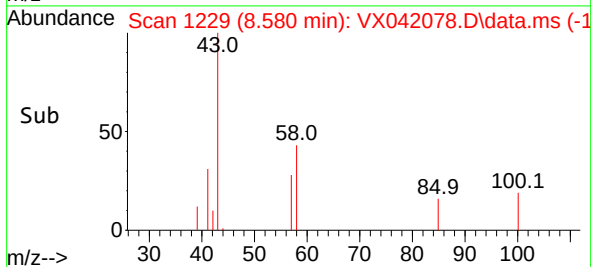
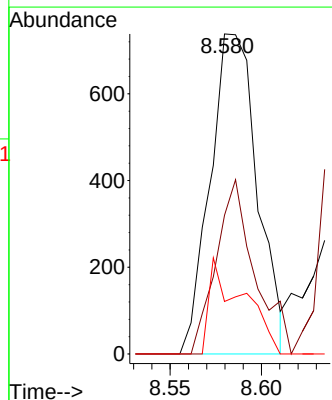
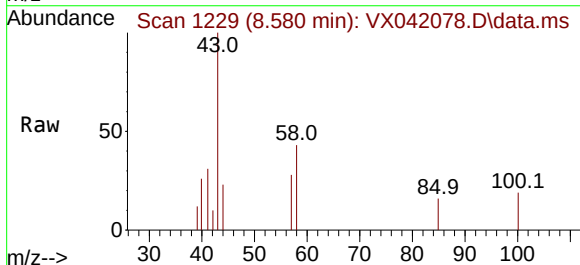
Tgt Ion: 43 Resp: 1329

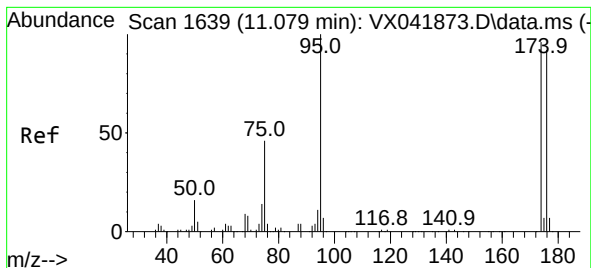
Ion Ratio Lower Upper

43 100

58 41.1 33.2 49.8

85 12.0 15.5 23.3#

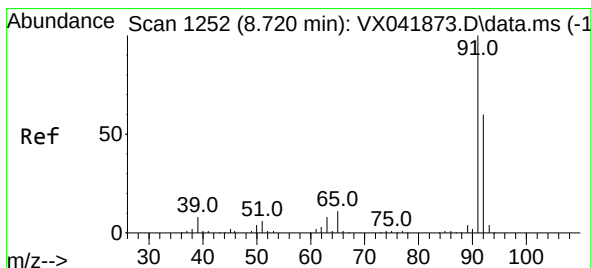
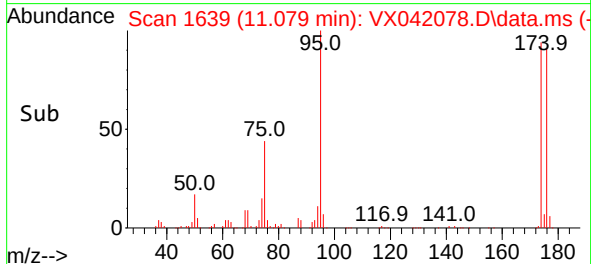
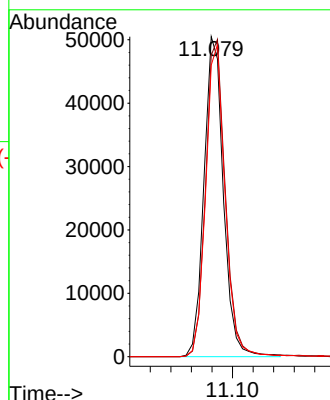
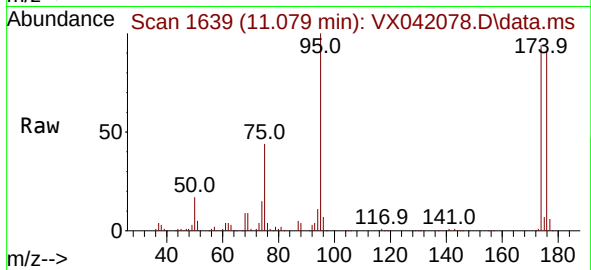




#60
4-Bromofluorobenzene
Concen: 28.140 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

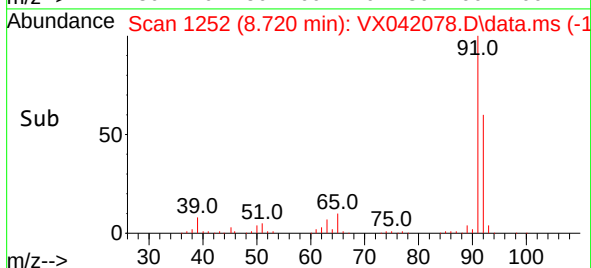
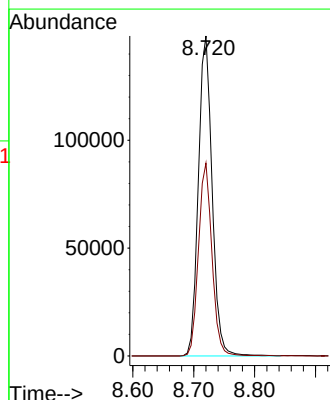
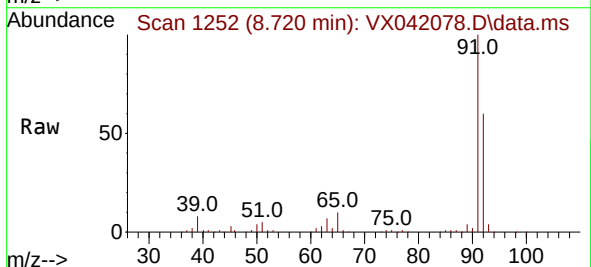
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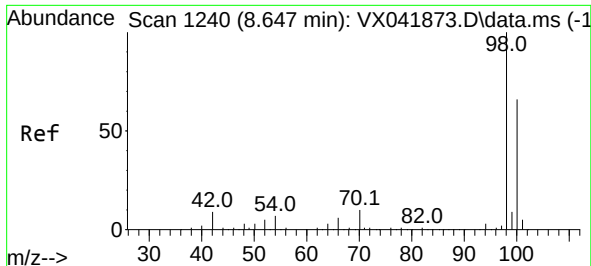
Tgt Ion: 95 Resp: 66252
Ion Ratio Lower Upper
95 100
174 100.6 78.9 118.3
176 97.3 77.1 115.7



#62
Toluene
Concen: 30.198 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

Tgt Ion: 91 Resp: 232421
Ion Ratio Lower Upper
91 100
92 59.2 47.4 71.2

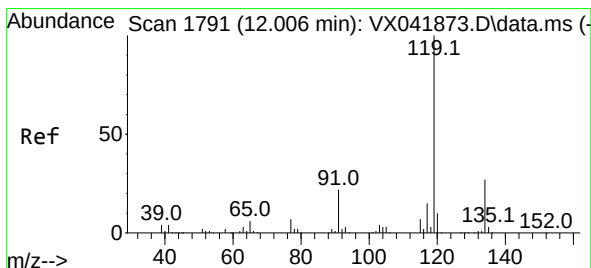
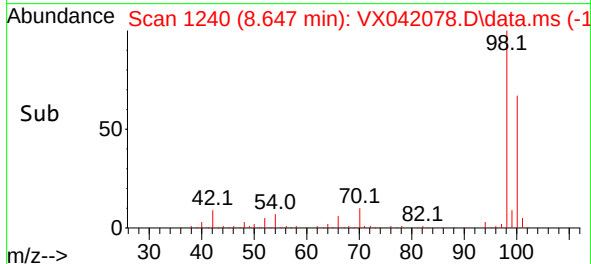
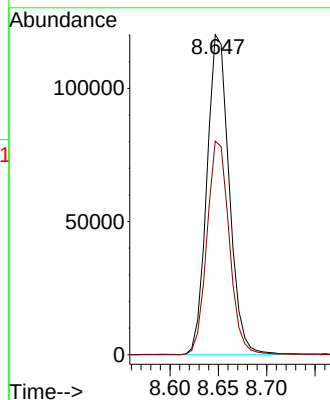
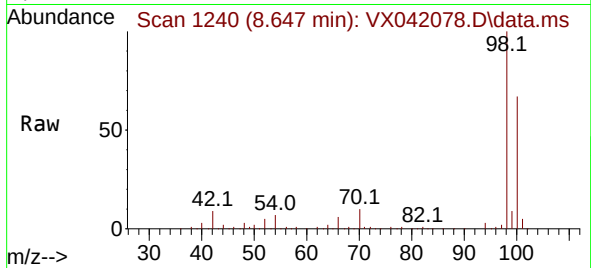




#63
Toluene-d8
Concen: 29.611 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

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Tgt Ion: 98 Resp: 192685
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



#82
p-Isopropyltoluene
Concen: 0.302 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX042078.D
Acq: 27 Jun 2024 16:35

Tgt Ion: 119 Resp: 2328
Ion Ratio Lower Upper
119 100
134 27.5 0.0 54.0
91 20.1 0.0 42.2

