

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080624\
 Data File : VX042874.D
 Acq On : 06 Aug 2024 16:20
 Operator : JC/MD
 Sample : P3446-04DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 07 05:01:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X080624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 07 04:53:59 2024
 Response via : Initial Calibration

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

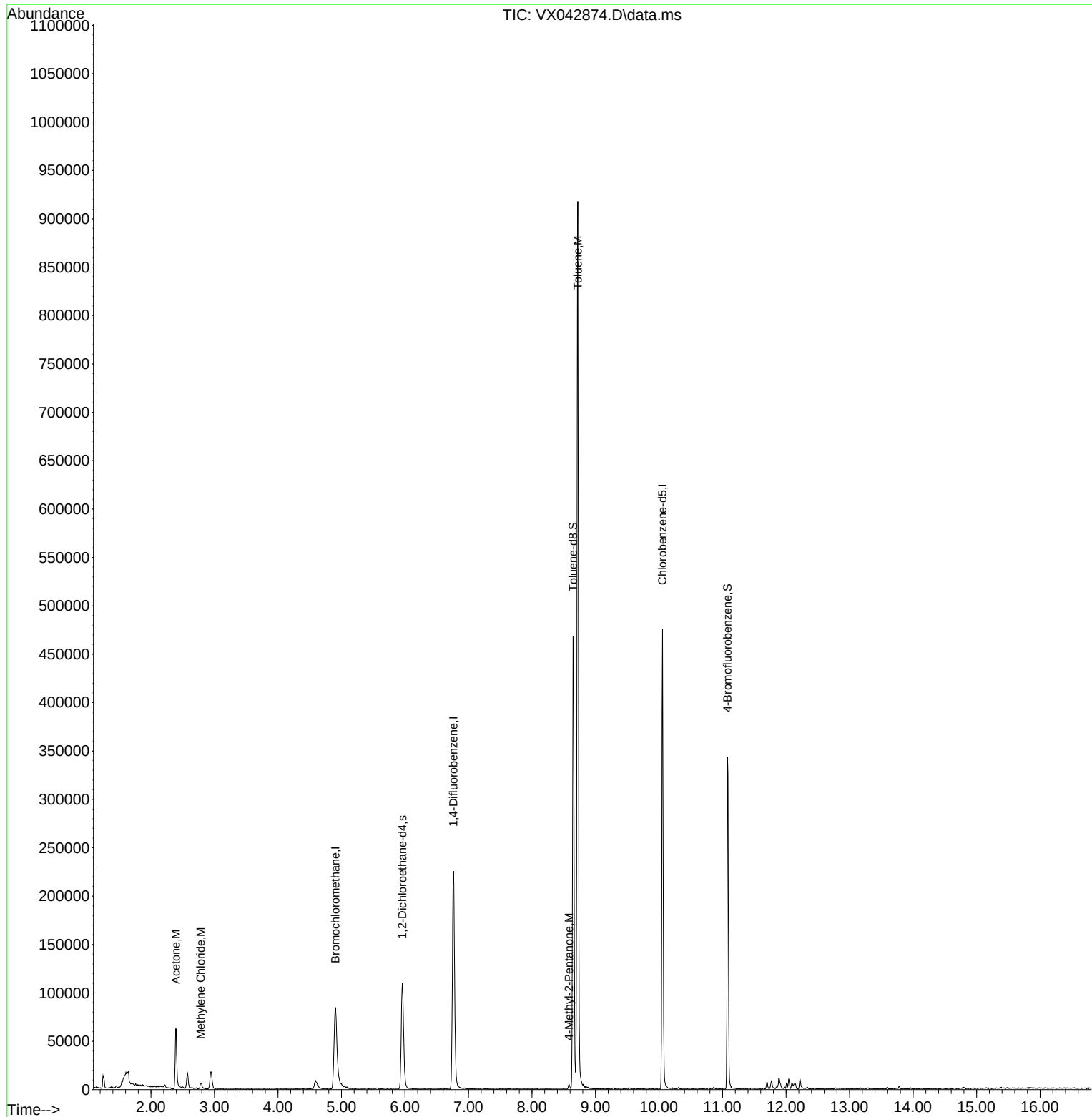
Internal Standards						
1) Bromochloromethane	4.903	128	40669	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	236880	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	215108	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	108337	28.848	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.167%
60) 4-Bromofluorobenzene	11.079	95	93726	26.707	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	89.033%
63) Toluene-d8	8.647	98	295825	30.446	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.500%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	21774	41.529	ug/l	86
18) Methylene Chloride	2.782	84	3119	1.105	ug/l	87
58) 4-Methyl-2-Pentanone	8.580	43	3126	0.772	ug/l #	90
62) Toluene	8.720	91	618301	58.686	ug/l	100

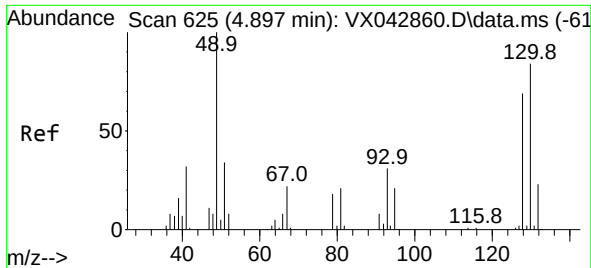
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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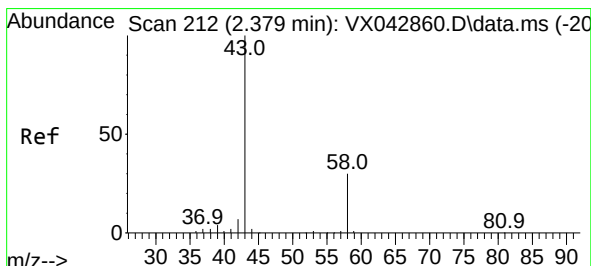
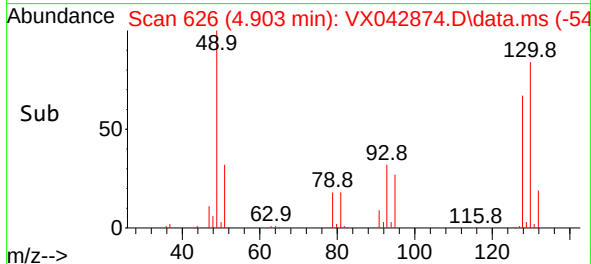
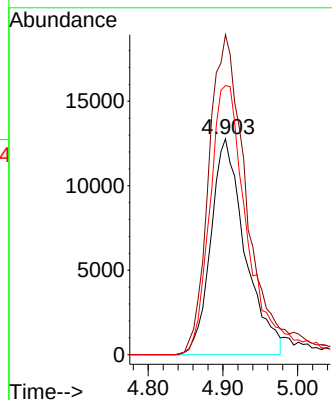
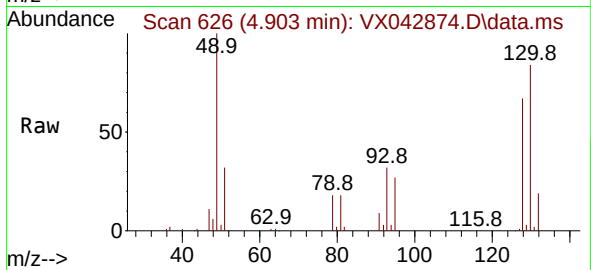




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

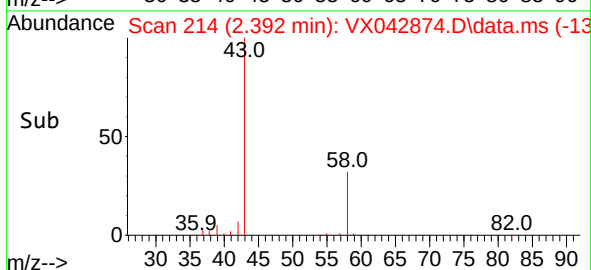
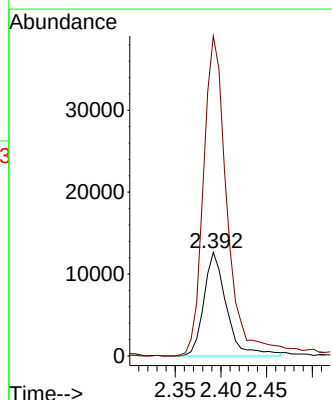
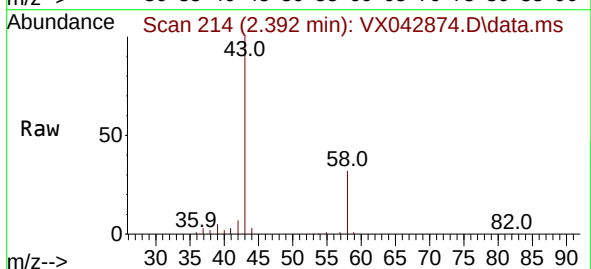
Instrument :
MSVOA_X
ClientSampleId :
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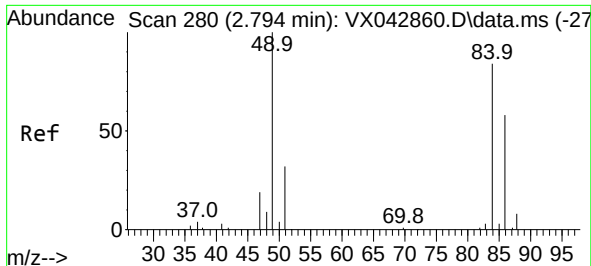
Tgt Ion:128 Resp: 40669
Ion Ratio Lower Upper
128 100
49 161.3 0.0 400.5
130 138.6 0.0 333.0



#15
Acetone
Concen: 41.529 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

Tgt Ion: 58 Resp: 21774
Ion Ratio Lower Upper
58 100
43 308.2 269.9 404.9

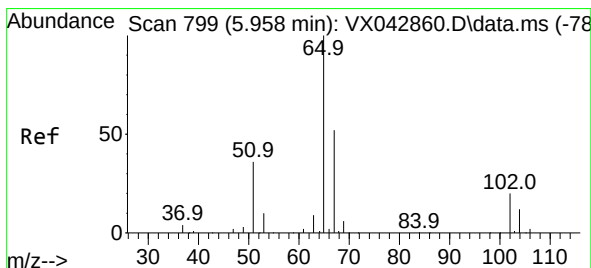
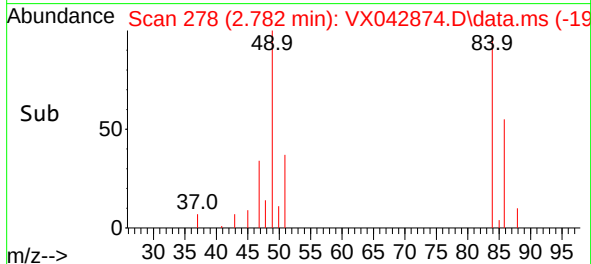
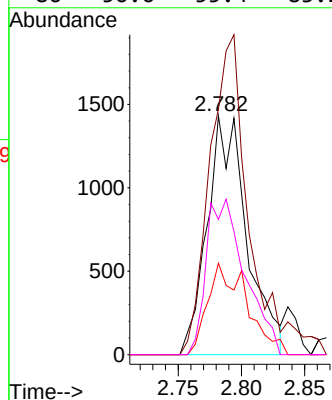
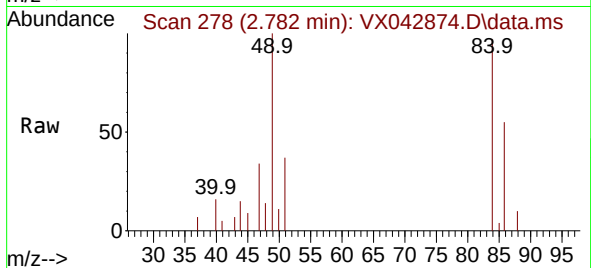




#18
Methylene Chloride
Concen: 1.105 ug/l
RT: 2.782 min Scan# 2119
Delta R.T. -0.012 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

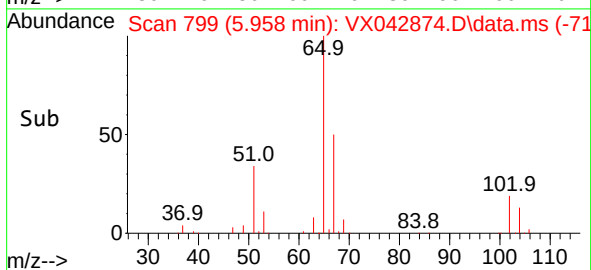
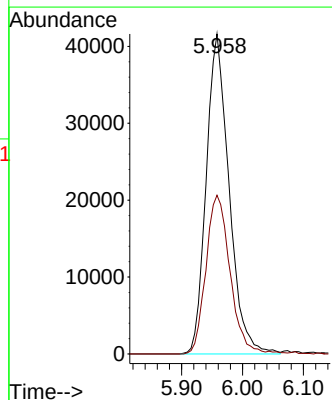
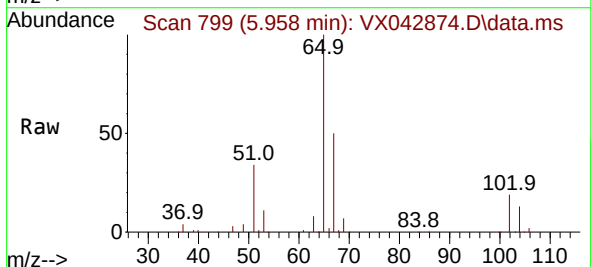
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)DL

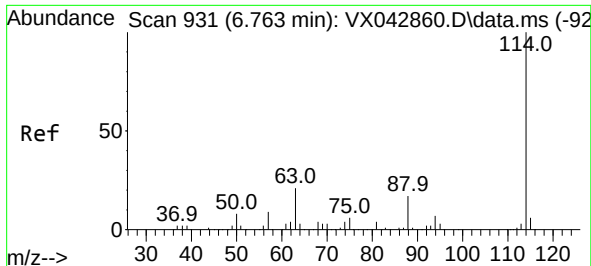
Tgt Ion:	84	Resp:	3119
Ion	Ratio	Lower	Upper
84	100		
49	102.8	95.0	142.6
51	38.3	30.1	45.1
86	56.6	55.4	83.2



#27
1,2-Dichloroethane-d4
Concen: 28.848 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

Tgt Ion:	65	Resp:	108337
Ion	Ratio	Lower	Upper
65	100		
67	52.0	40.6	60.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042874.D

Acq: 06 Aug 2024 16:20

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JULY)DL

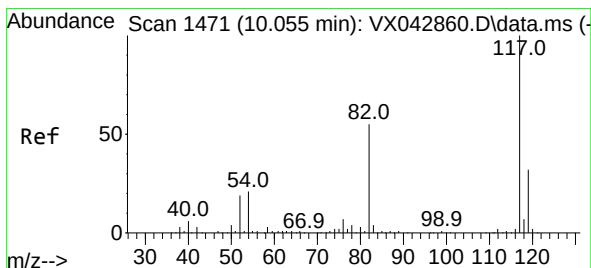
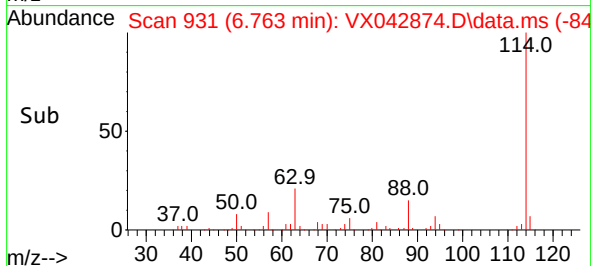
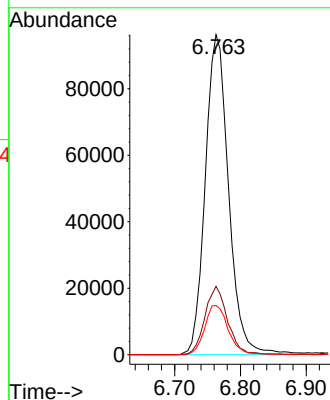
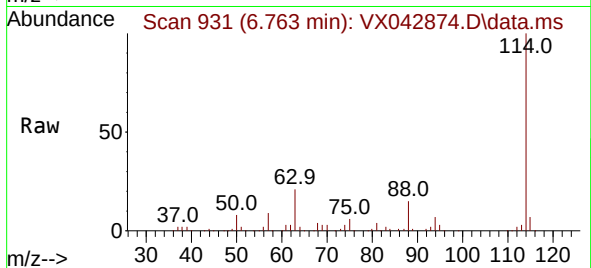
Tgt Ion:114 Resp: 236880

Ion Ratio Lower Upper

114 100

63 20.4 16.0 24.0

88 15.6 12.5 18.7



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX042874.D

Acq: 06 Aug 2024 16:20

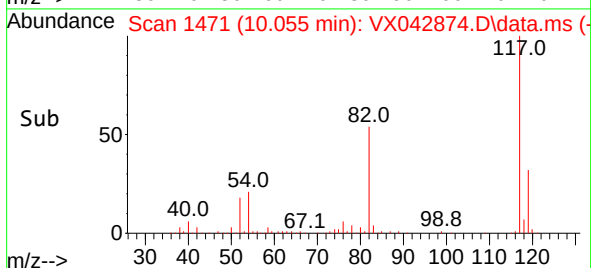
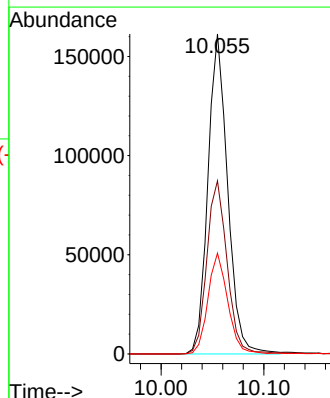
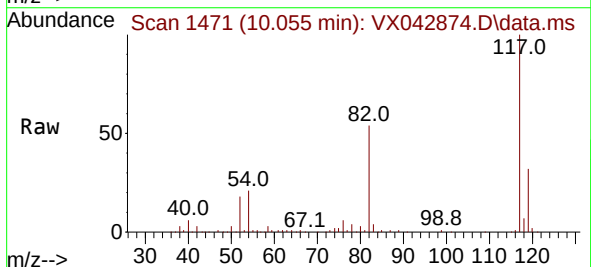
Tgt Ion:117 Resp: 215108

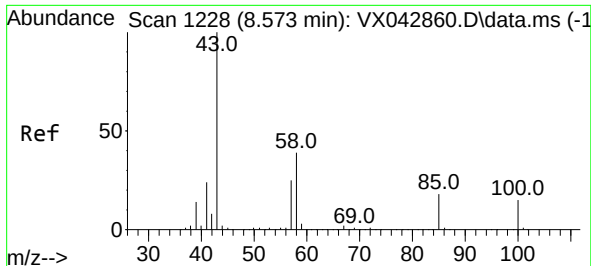
Ion Ratio Lower Upper

117 100

82 55.8 44.9 67.3

119 31.5 25.4 38.2

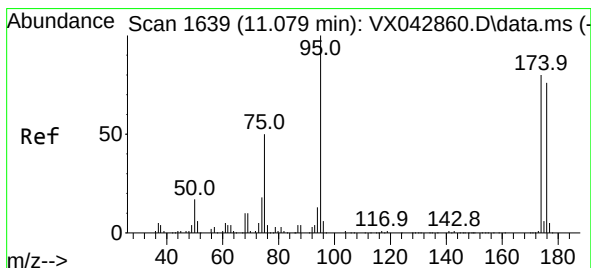
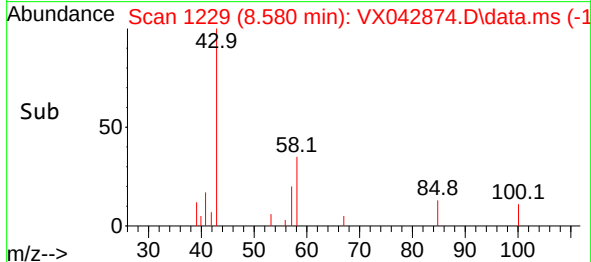
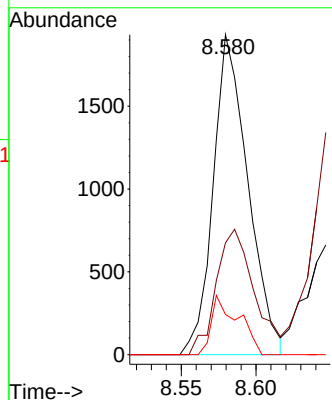
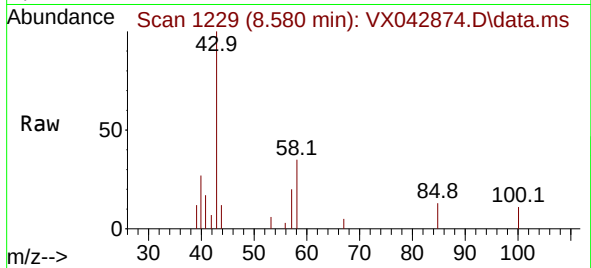




#58
4-Methyl-2-Pentanone
Concen: 0.772 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

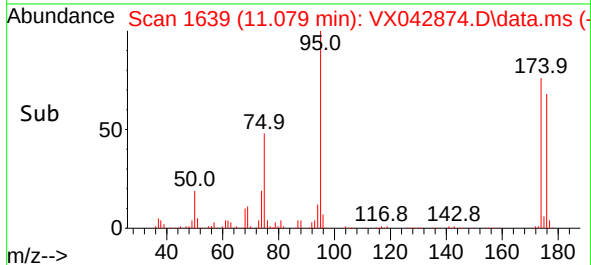
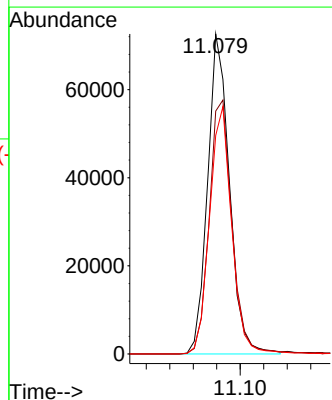
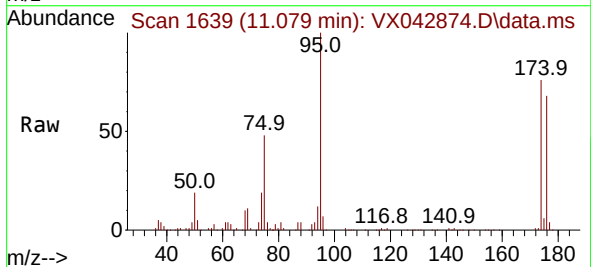
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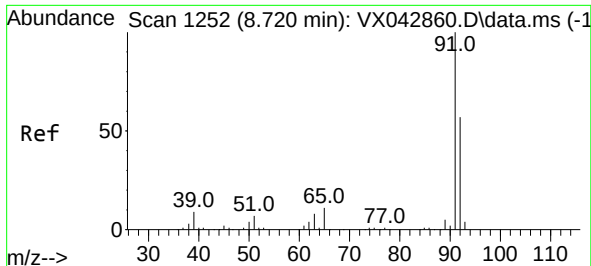
Tgt Ion: 43 Resp: 3126
Ion Ratio Lower Upper
43 100
58 42.9 31.4 47.0
85 10.3 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 26.707 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

Tgt Ion: 95 Resp: 93726
Ion Ratio Lower Upper
95 100
174 83.0 65.0 97.6
176 78.7 63.4 95.0

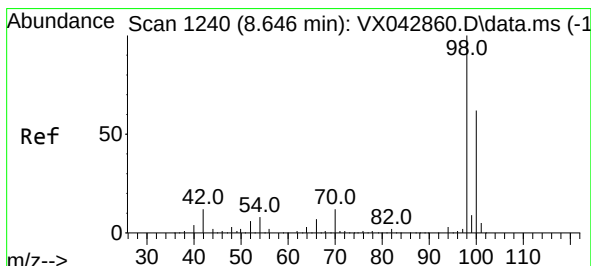
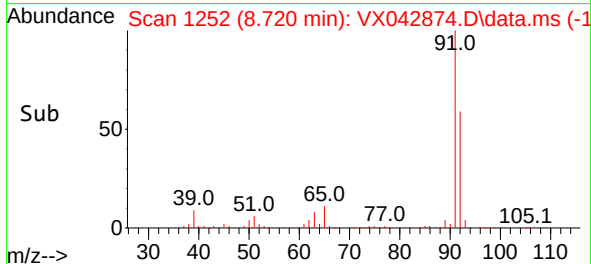
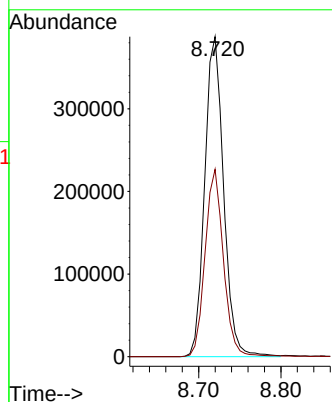
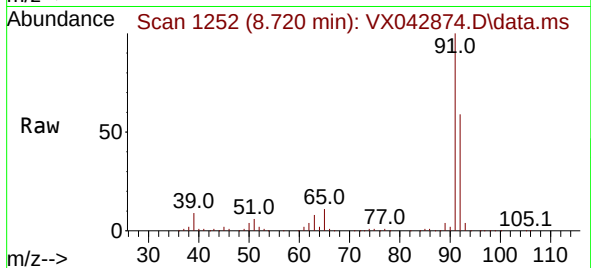




#62
Toluene
Concen: 58.686 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

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

Tgt Ion: 91 Resp: 618301
Ion Ratio Lower Upper
91 100
92 56.8 45.7 68.5



#63
Toluene-d8
Concen: 30.446 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042874.D
Acq: 06 Aug 2024 16:20

Tgt Ion: 98 Resp: 295825
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3

