

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081624\
 Data File : VX043066.D
 Acq On : 16 Aug 2024 11:19
 Operator : JC/MD
 Sample : P3606-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 16 23:53:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

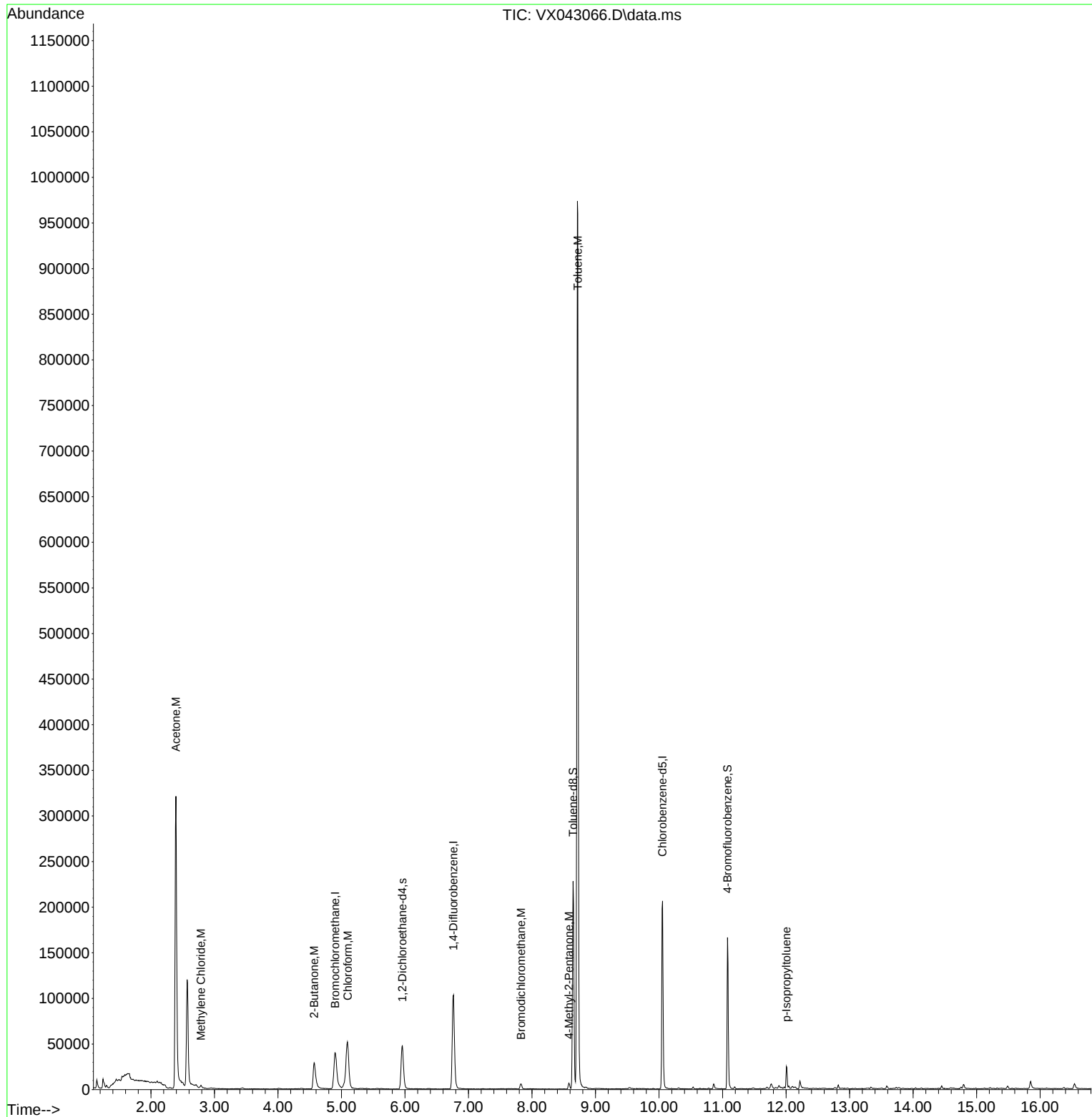
Internal Standards						
1) Bromochloromethane	4.897	128	18976	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	111789	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	98358	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	44415	28.915	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.367%
60) 4-Bromofluorobenzene	11.079	95	44569	26.692	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.967%
63) Toluene-d8	8.647	98	134686	29.809	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	121022	483.621	ug/l	84
18) Methylene Chloride	2.788	84	1326	0.876	ug/l	93
25) Chloroform	5.099	83	59774	23.925	ug/l	98
30) 2-Butanone	4.568	43	54092	44.000	ug/l	99
41) Bromodichloromethane	7.830	83	4214	2.225	ug/l #	94
58) 4-Methyl-2-Pentanone	8.580	43	4630	2.036	ug/l	96
62) Toluene	8.720	91	649872	115.666	ug/l	98
82) p-Isopropyltoluene	12.006	119	11129	2.287	ug/l	97

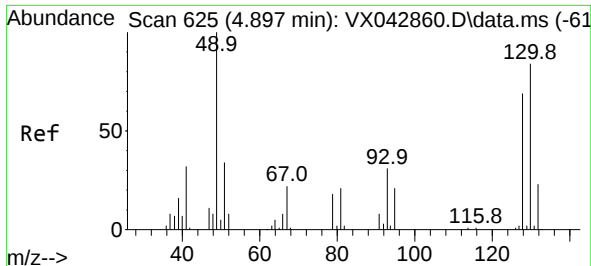
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

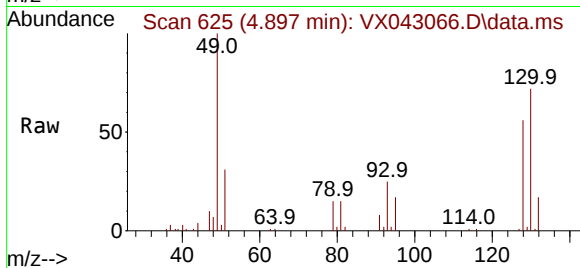
Quant Time: Aug 16 23:53:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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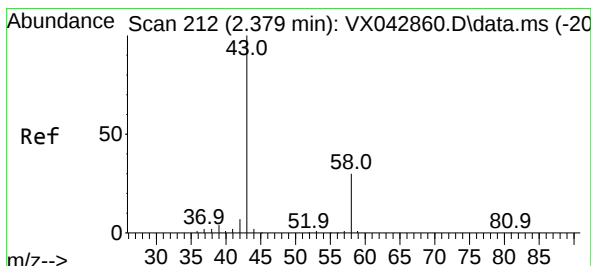
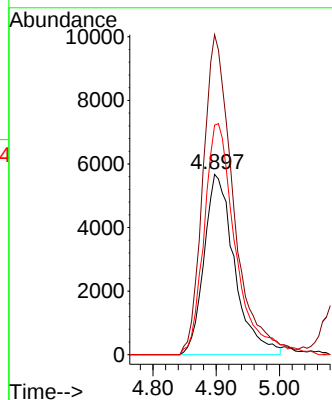
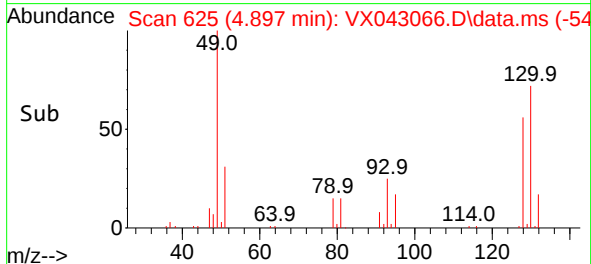


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

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

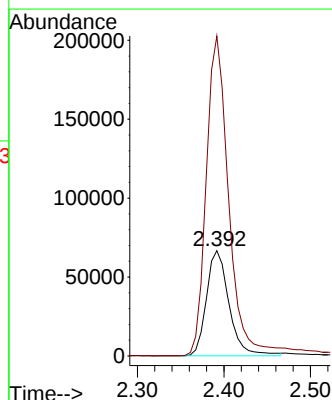
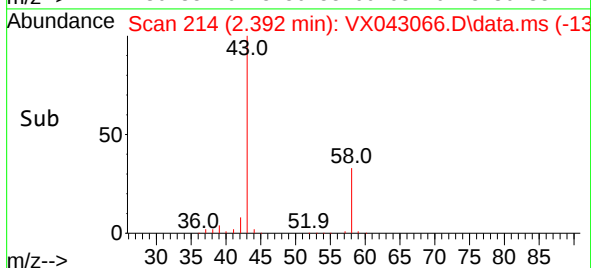
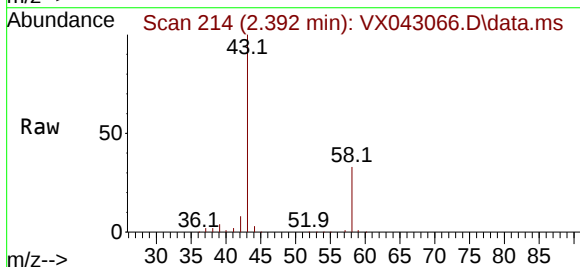


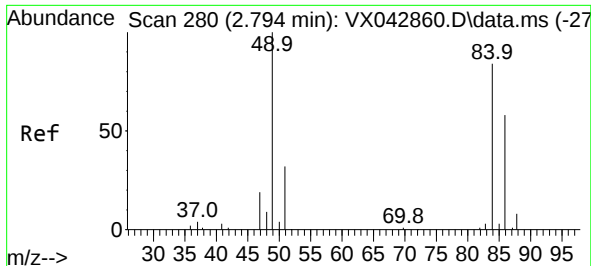
Tgt Ion:128 Resp: 18976
Ion Ratio Lower Upper
128 100
49 176.9 0.0 400.5
130 131.2 0.0 333.0



#15
Acetone
Concen: 483.621 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

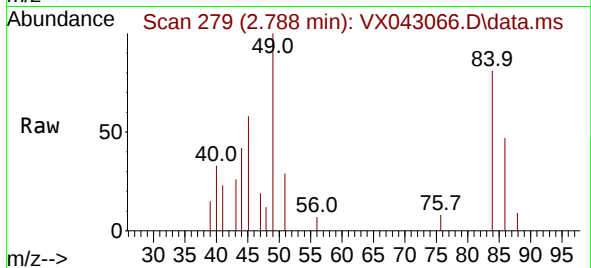
Tgt Ion: 58 Resp: 121022
Ion Ratio Lower Upper
58 100
43 304.1 269.9 404.9



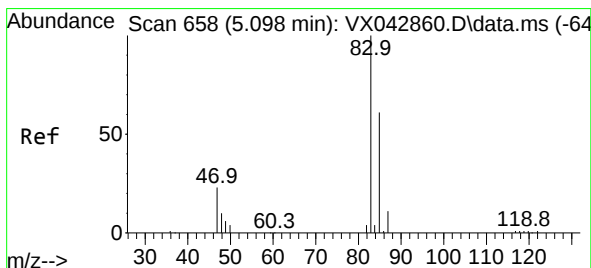
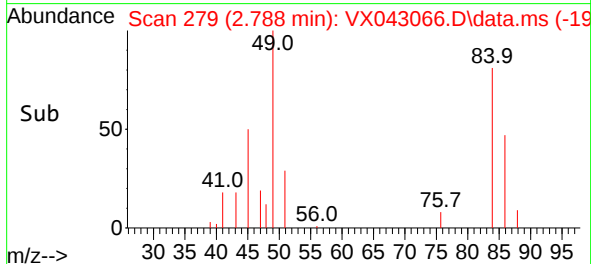
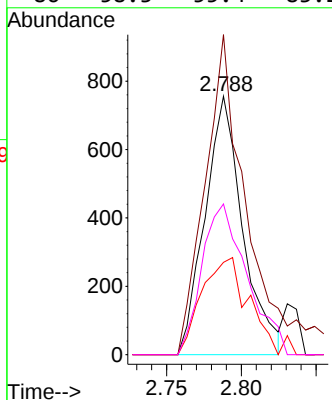


#18
Methylene Chloride
Concen: 0.876 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

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

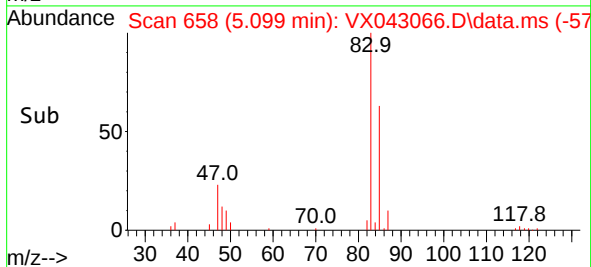
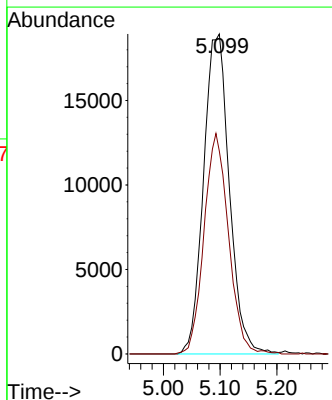
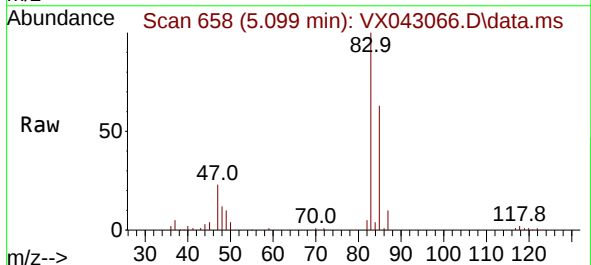


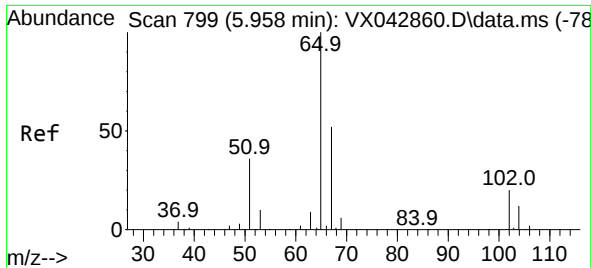
Tgt Ion:	84	Resp:	1326
Ion	Ratio	Lower	Upper
84	100		
49	123.8	95.0	142.6
51	35.7	30.1	45.1
86	58.3	55.4	83.2



#25
Chloroform
Concen: 23.925 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

Tgt Ion:	83	Resp:	59774
Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.2	73.8

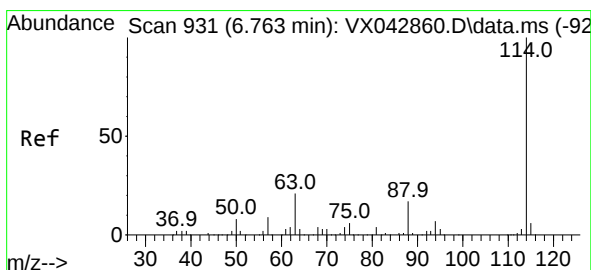
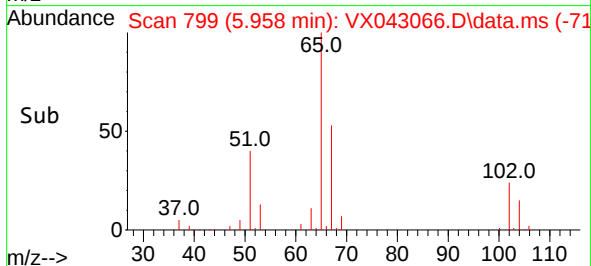
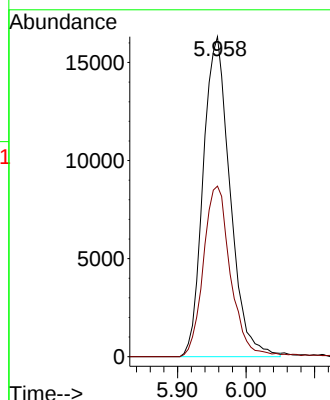
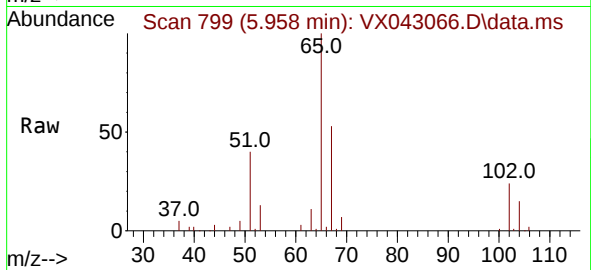




#27
 1,2-Dichloroethane-d4
 Concen: 28.915 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX043066.D
 Acq: 16 Aug 2024 11:19

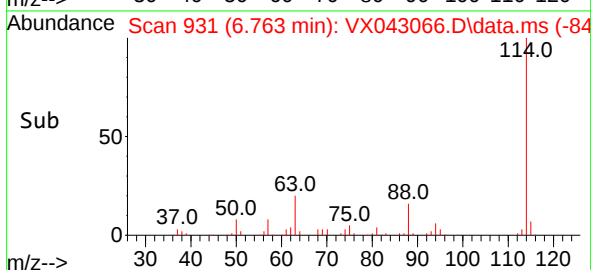
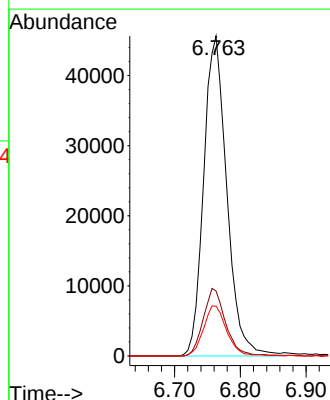
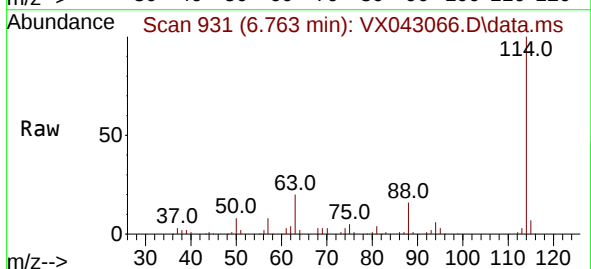
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE(JULY)

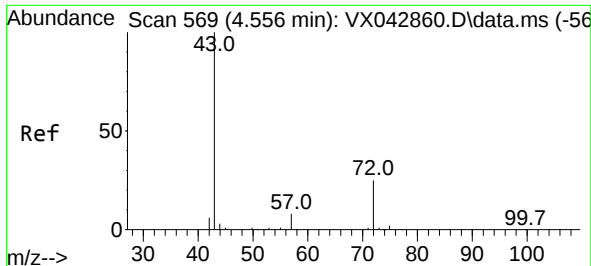
Tgt Ion: 65 Resp: 44415
 Ion Ratio Lower Upper
 65 100
 67 53.8 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043066.D
 Acq: 16 Aug 2024 11:19

Tgt Ion: 114 Resp: 111789
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.0 24.0
 88 15.4 12.5 18.7

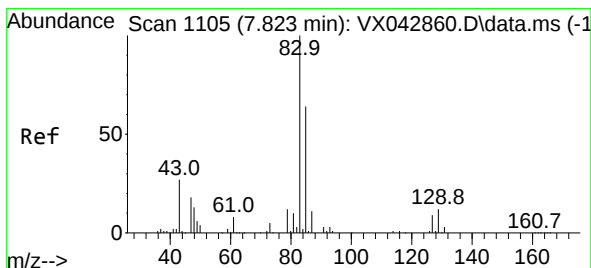
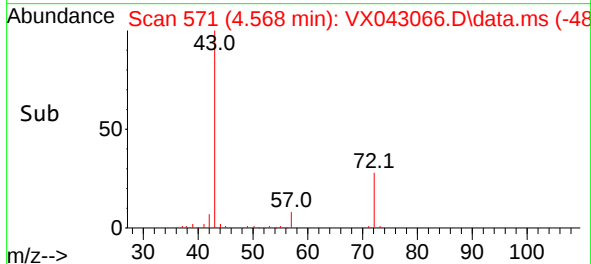
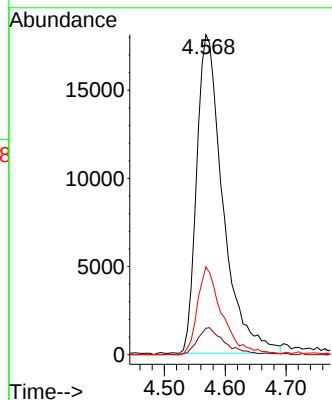
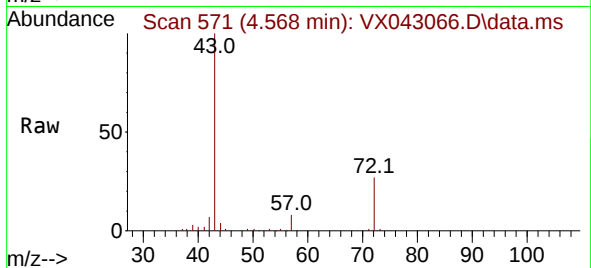




#30
2-Butanone
Concen: 44.000 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

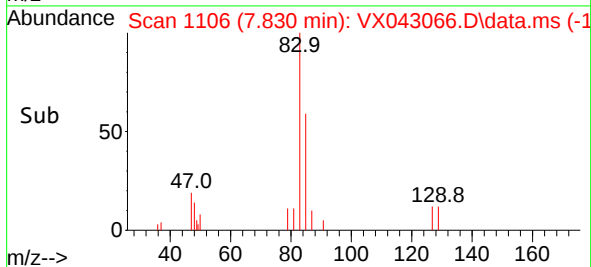
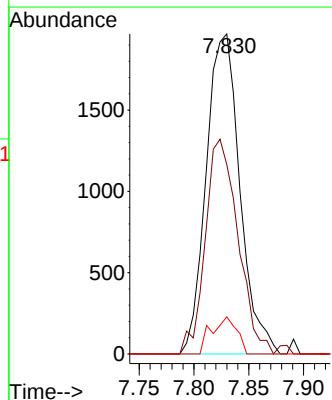
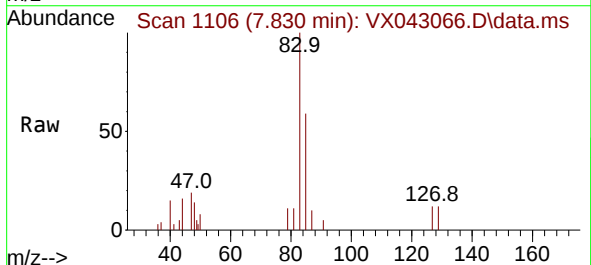
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(JULY)

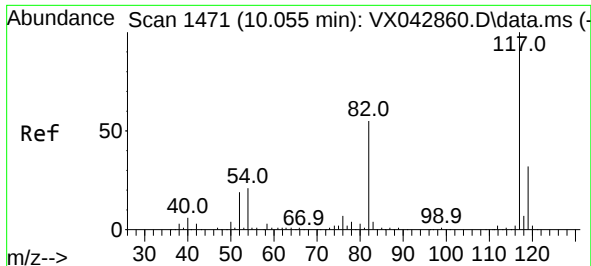
Tgt Ion: 43 Resp: 54092
Ion Ratio Lower Upper
43 100
57 7.6 6.6 10.0
72 26.0 21.0 31.4



#41
Bromodichloromethane
Concen: 2.225 ug/l
RT: 7.830 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

Tgt Ion: 83 Resp: 4214
Ion Ratio Lower Upper
83 100
85 59.2 50.8 76.2
127 11.6 6.9 10.3#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX043066.D

Acq: 16 Aug 2024 11:19

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(JULY)

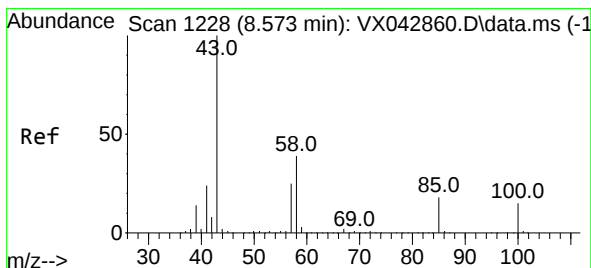
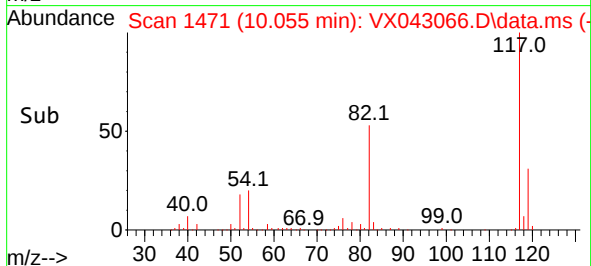
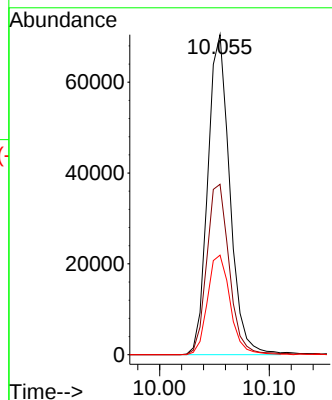
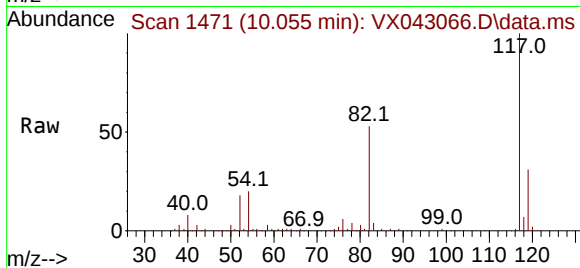
Tgt Ion:117 Resp: 98358

Ion Ratio Lower Upper

117 100

82 54.6 44.9 67.3

119 32.2 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 2.036 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX043066.D

Acq: 16 Aug 2024 11:19

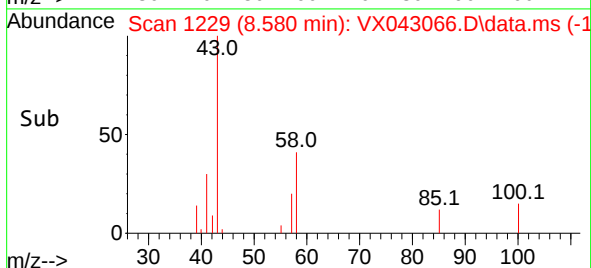
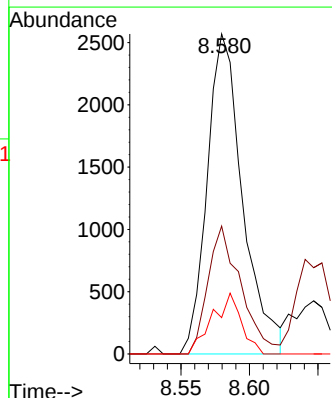
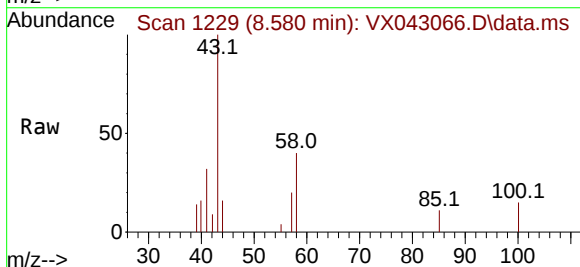
Tgt Ion: 43 Resp: 4630

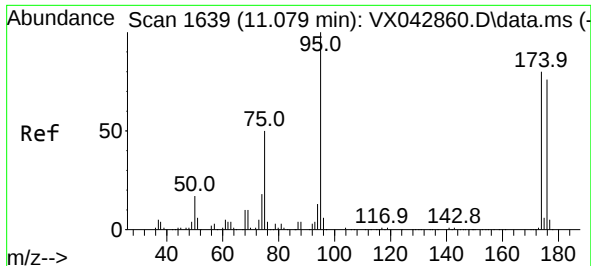
Ion Ratio Lower Upper

43 100

58 37.3 31.4 47.0

85 15.5 14.6 21.8

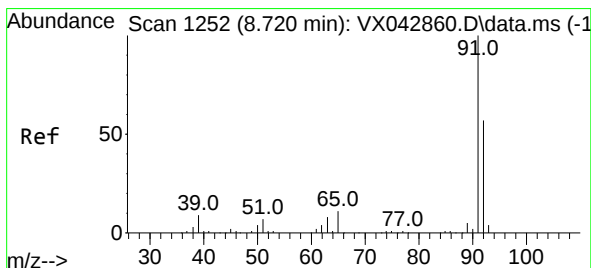
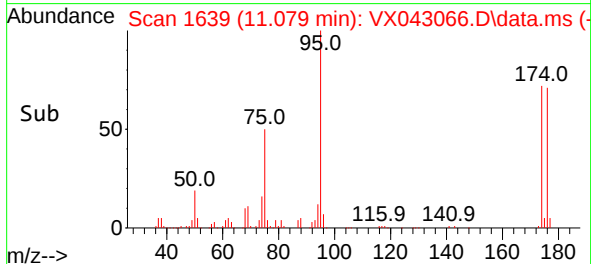
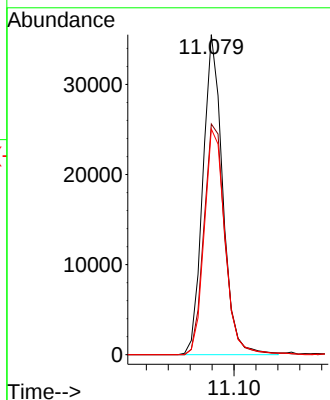
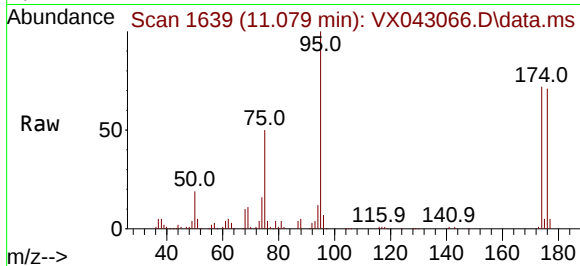




#60
4-Bromofluorobenzene
Concen: 26.692 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

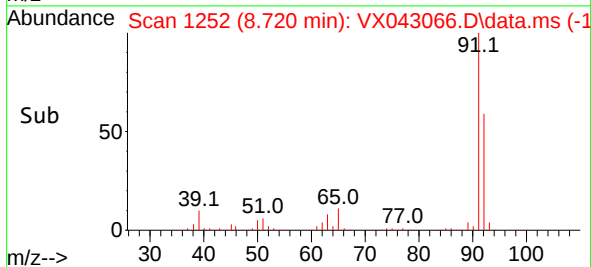
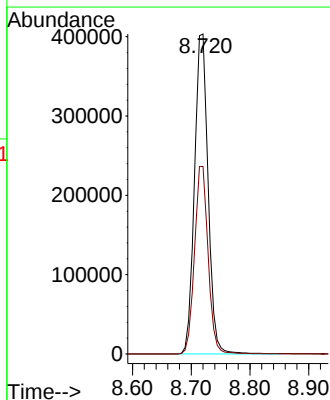
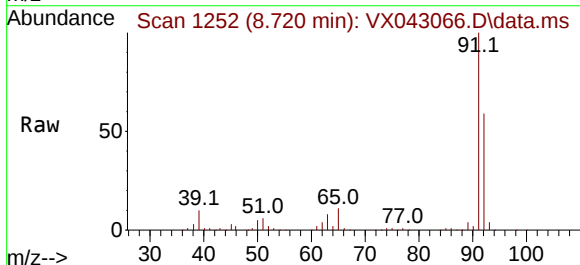
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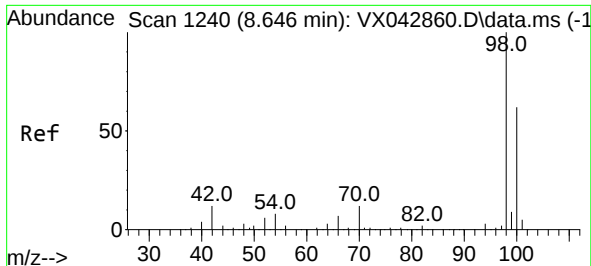
Tgt Ion: 95 Resp: 44569
Ion Ratio Lower Upper
95 100
174 76.5 65.0 97.6
176 74.1 63.4 95.0



#62
Toluene
Concen: 115.666 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

Tgt Ion: 91 Resp: 649872
Ion Ratio Lower Upper
91 100
92 58.6 45.7 68.5

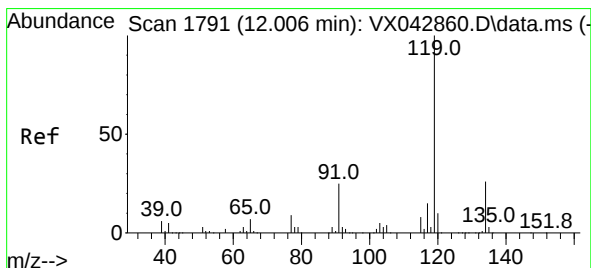
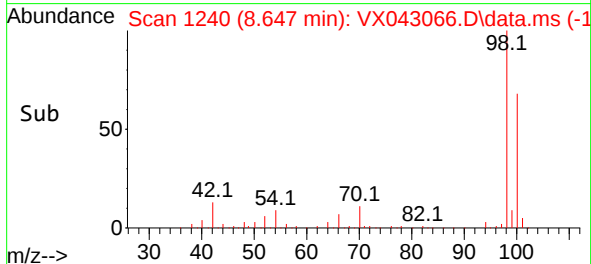
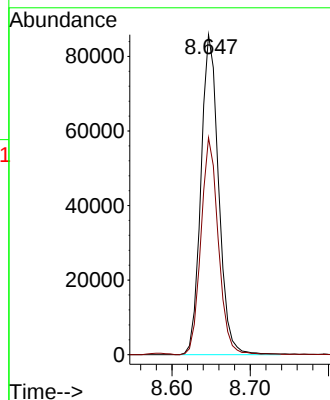
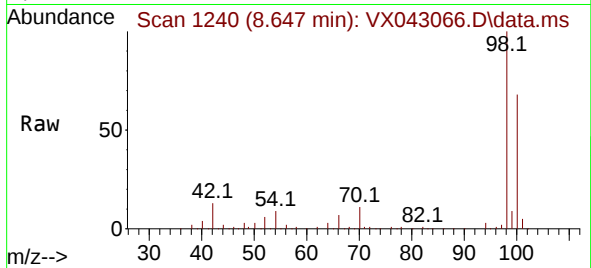




#63
Toluene-d8
Concen: 29.809 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

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

Tgt Ion: 98 Resp: 134686
Ion Ratio Lower Upper
98 100
100 66.6 50.9 76.3



#82
p-Isopropyltoluene
Concen: 2.287 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX043066.D
Acq: 16 Aug 2024 11:19

Tgt Ion: 119 Resp: 11129
Ion Ratio Lower Upper
119 100
134 28.3 0.0 51.8
91 23.9 0.0 48.4

