

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043016.D
 Acq On : 13 Aug 2024 15:43
 Operator : JC/MD
 Sample : P3546-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE

Quant Time: Aug 14 04:34:04 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)

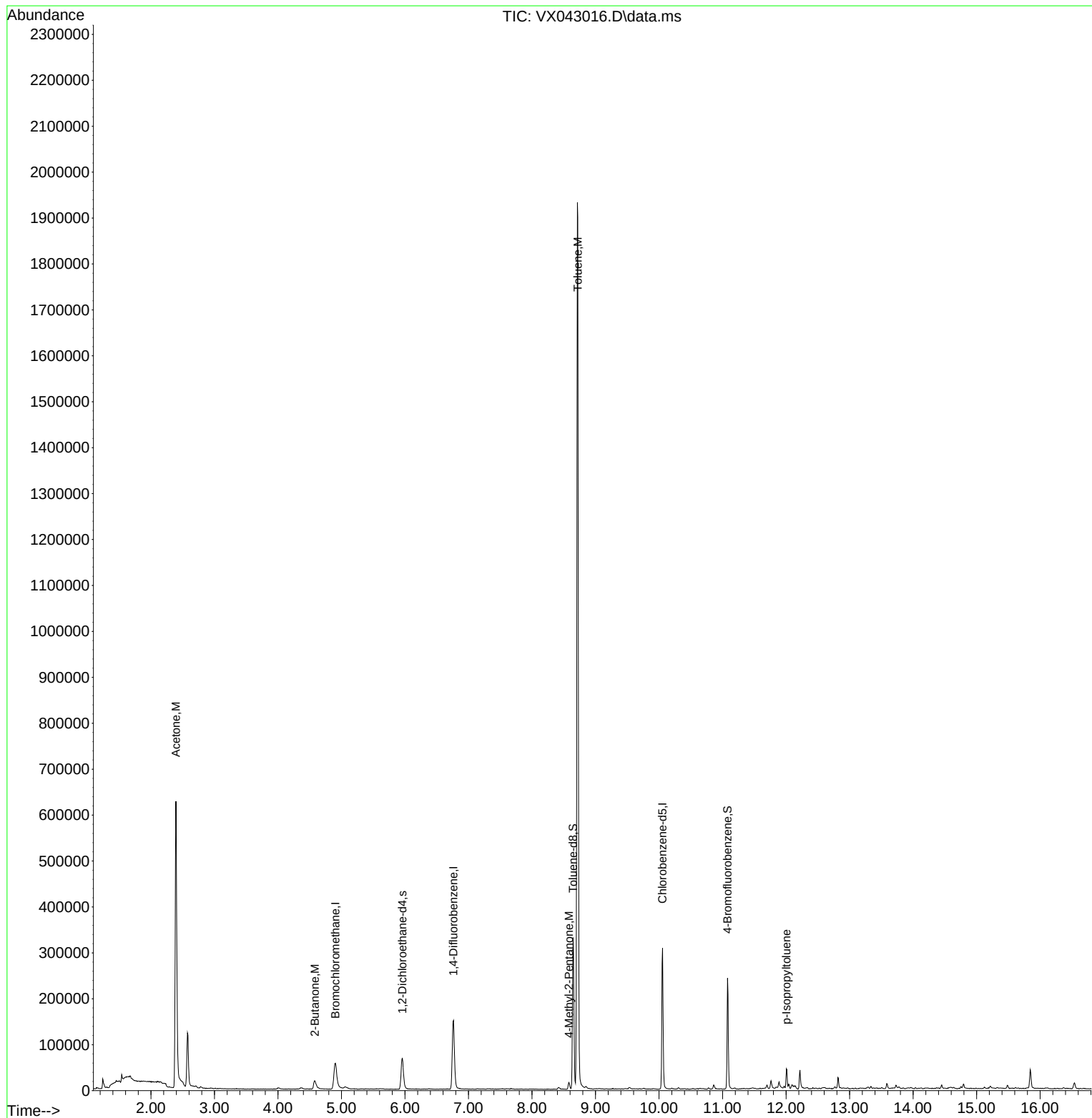
Internal Standards						
1) Bromochloromethane	4.904	128	28005	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	162754	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	142752	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	60647	26.753	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.167%#
60) 4-Bromofluorobenzene	11.079	95	69767	28.789	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.967%
63) Toluene-d8	8.647	98	201652	30.751	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.500%
Target Compounds						
					Qvalue	
15) Acetone	2.392	58	236669	640.843	ug/l	79
30) 2-Butanone	4.580	43	36786	20.553	ug/l #	96
58) 4-Methyl-2-Pentanone	8.580	43	9818	2.974	ug/l	99
62) Toluene	8.720	91	1299253	159.330	ug/l	98
82) p-Isopropyltoluene	12.006	119	20227	2.864	ug/l	99

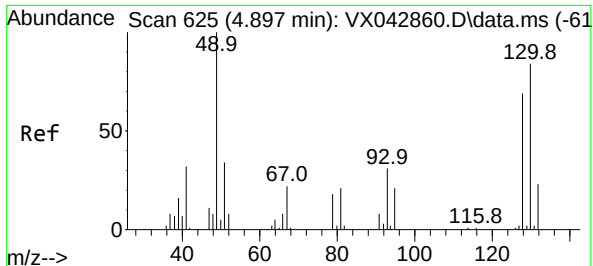
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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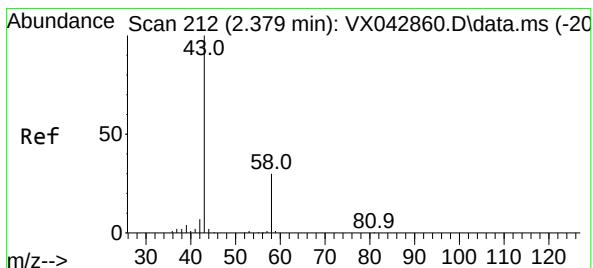
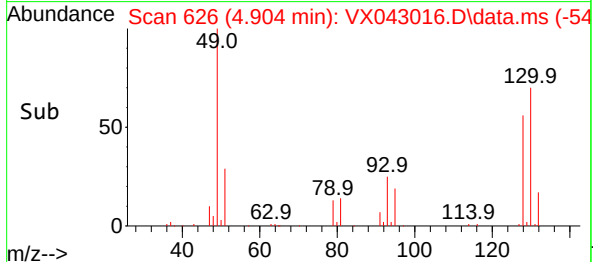
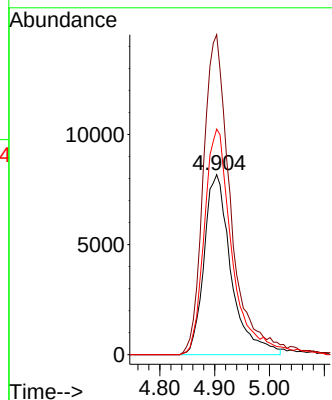
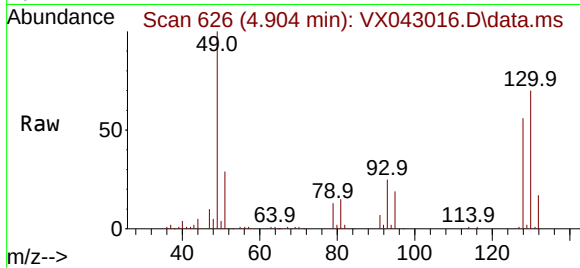




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

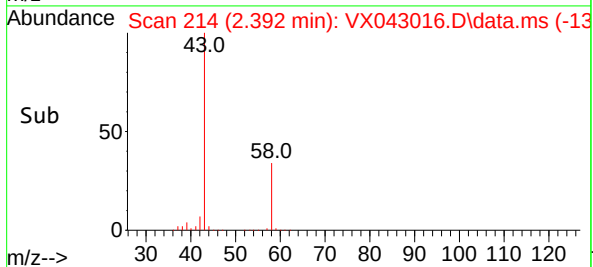
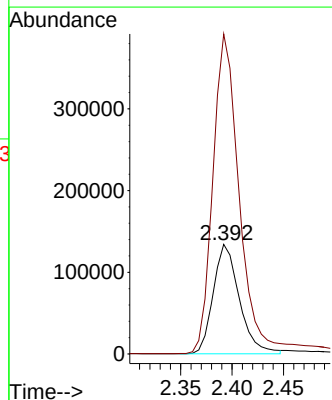
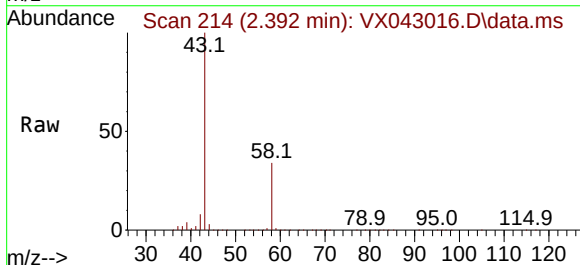
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE

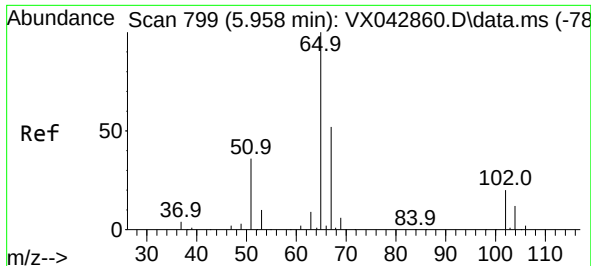
Tgt Ion	Ratio	Lower	Upper
128	100		
49	175.2	0.0	400.5
130	123.5	0.0	333.0



#15
Acetone
Concen: 640.843 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

Tgt Ion	Ratio	Lower	Upper
58	100		
43	292.1	269.9	404.9

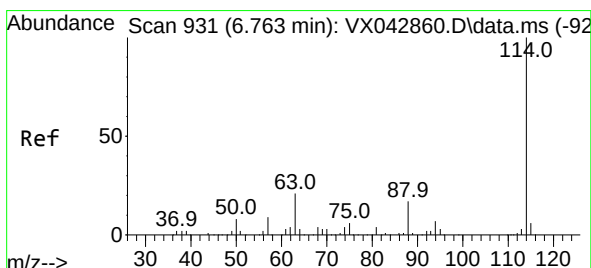
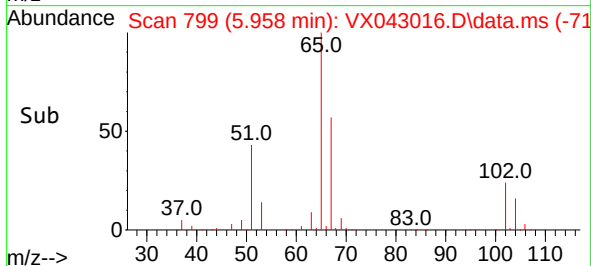
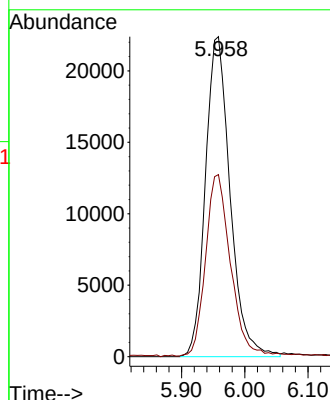
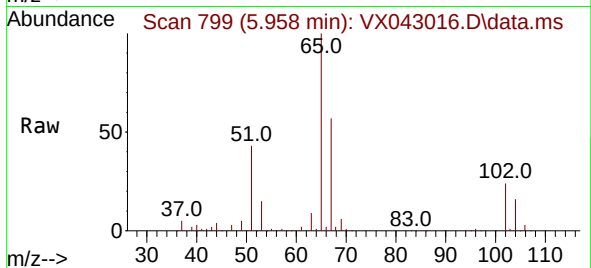




#27
 1,2-Dichloroethane-d4
 Concen: 26.753 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX043016.D
 Acq: 13 Aug 2024 15:43

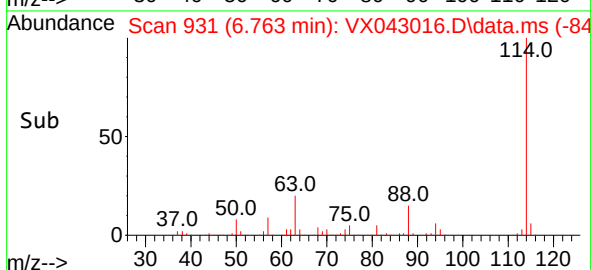
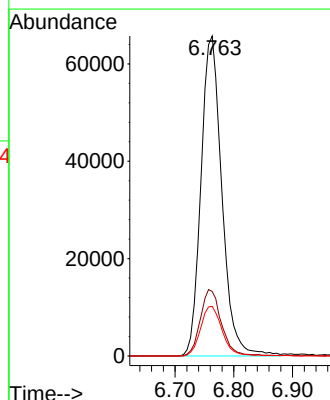
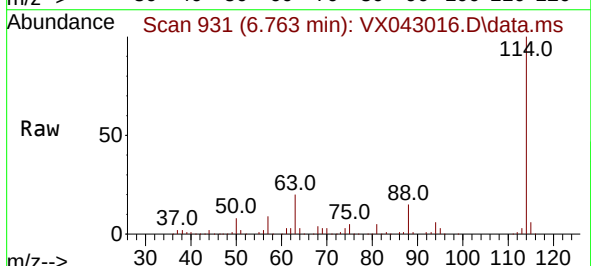
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE

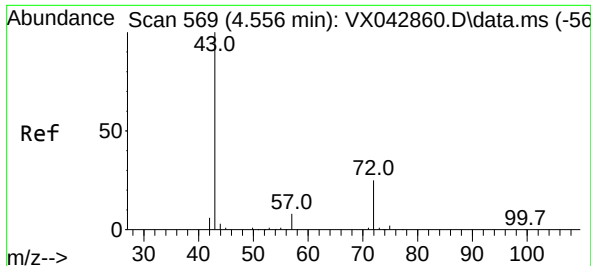
Tgt Ion: 65 Resp: 60647
 Ion Ratio Lower Upper
 65 100
 67 56.8 40.6 60.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043016.D
 Acq: 13 Aug 2024 15:43

Tgt Ion: 114 Resp: 162754
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.0 24.0
 88 15.8 12.5 18.7

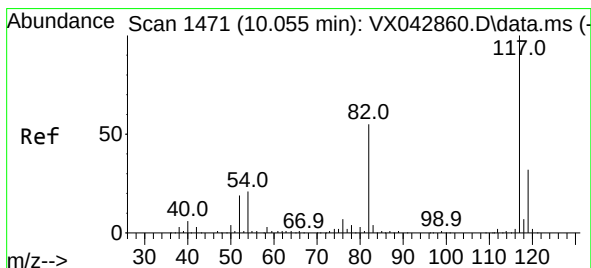
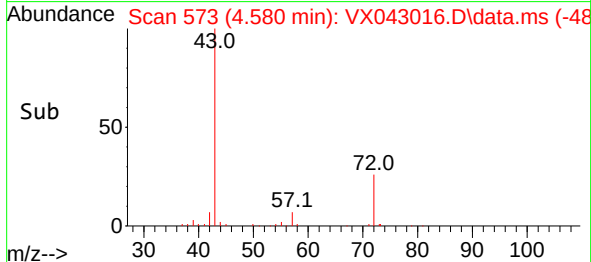
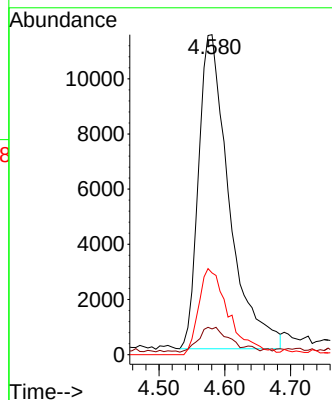
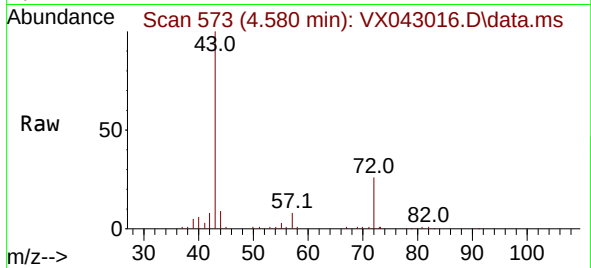




#30
2-Butanone
Concen: 20.553 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

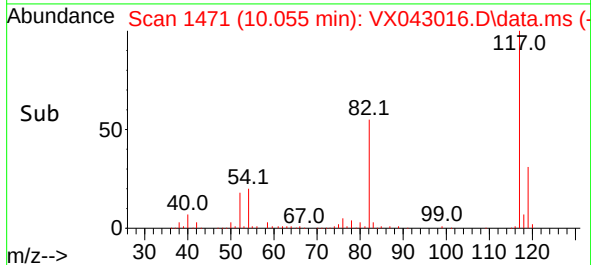
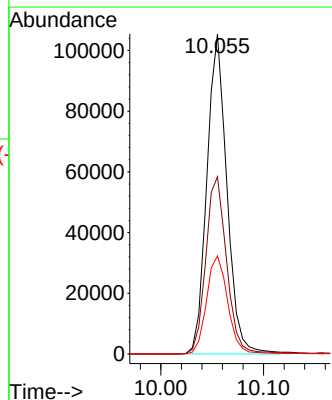
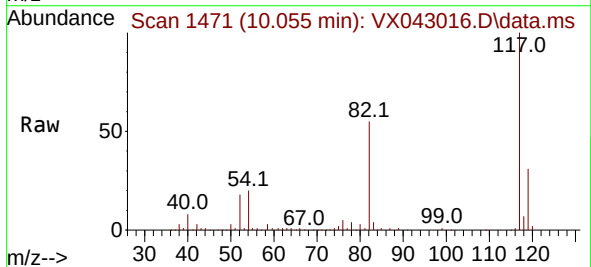
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE

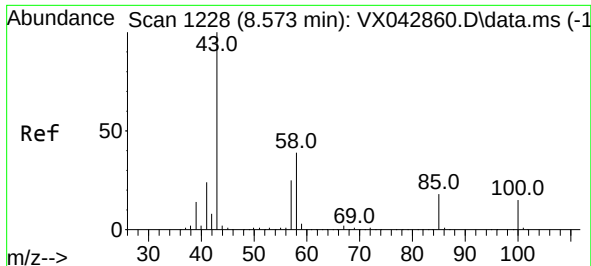
Tgt Ion: 43 Resp: 36786
Ion Ratio Lower Upper
43 100
57 3.8 6.6 10.0#
72 26.8 21.0 31.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

Tgt Ion: 117 Resp: 142752
Ion Ratio Lower Upper
117 100
82 57.9 44.9 67.3
119 32.4 25.4 38.2

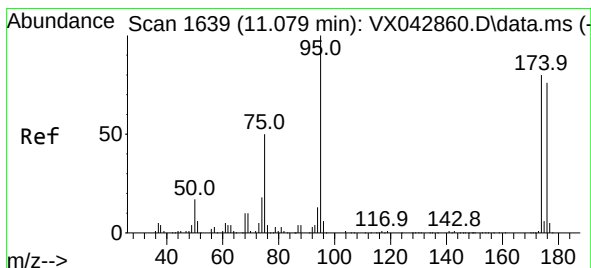
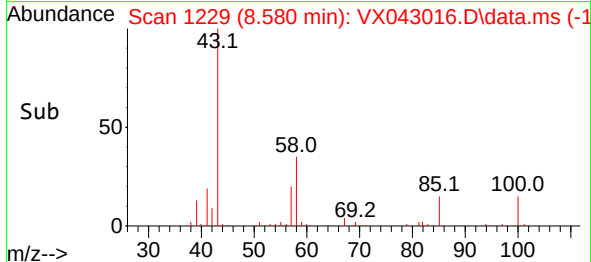
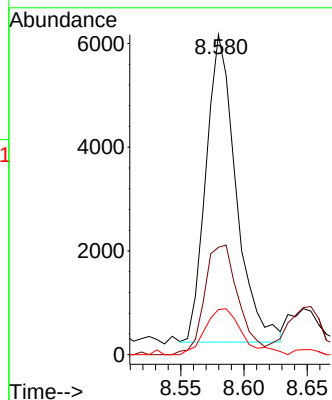
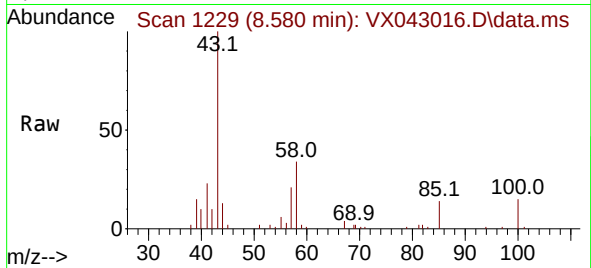




#58
4-Methyl-2-Pentanone
Concen: 2.974 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

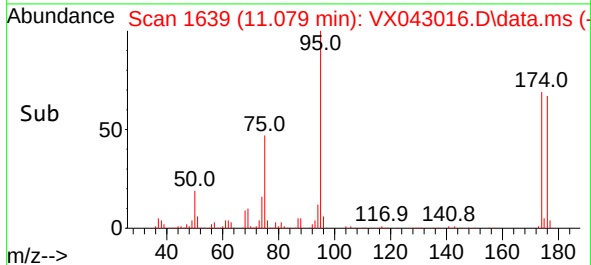
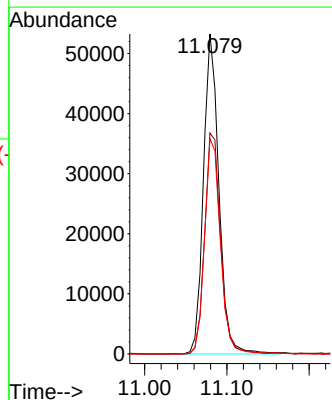
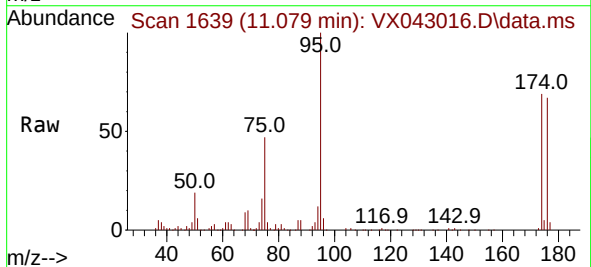
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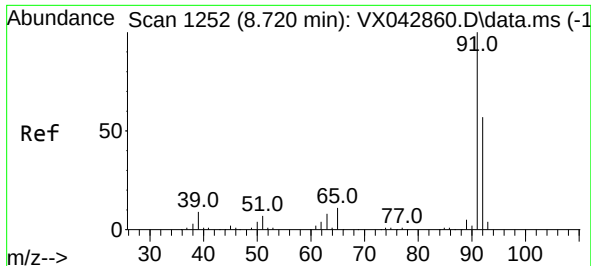
Tgt Ion:	43	Resp:	9818
Ion	Ratio	Lower	Upper
43	100		
58	40.0	31.4	47.0
85	18.3	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 28.789 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

Tgt Ion:	95	Resp:	69767
Ion	Ratio	Lower	Upper
95	100		
174	70.9	65.0	97.6
176	68.8	63.4	95.0

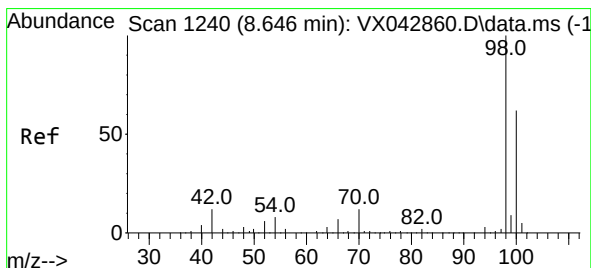
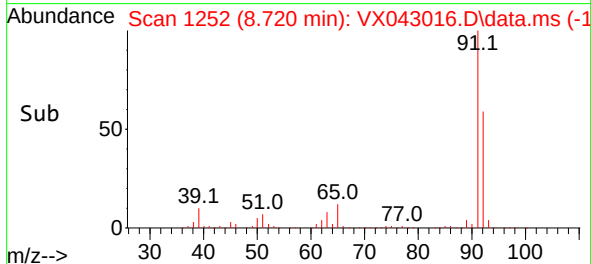
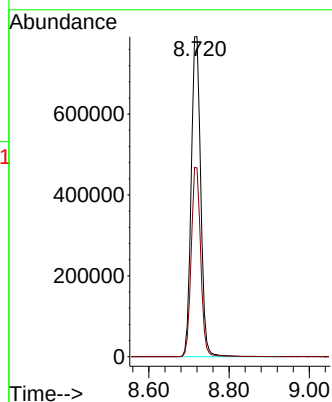
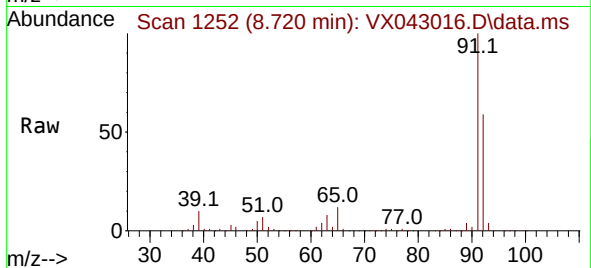




#62
Toluene
Concen: 159.330 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

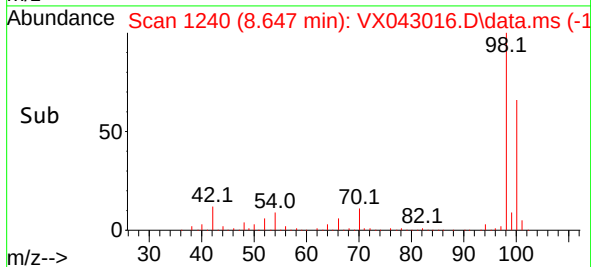
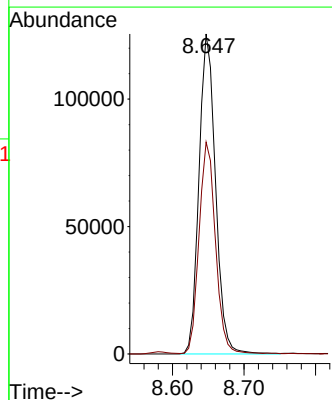
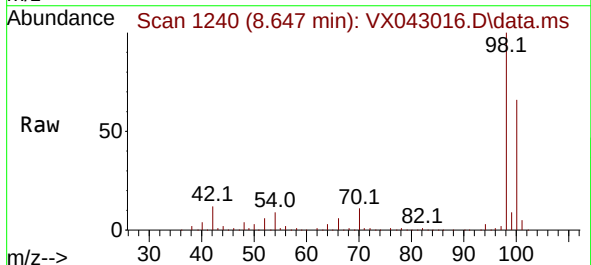
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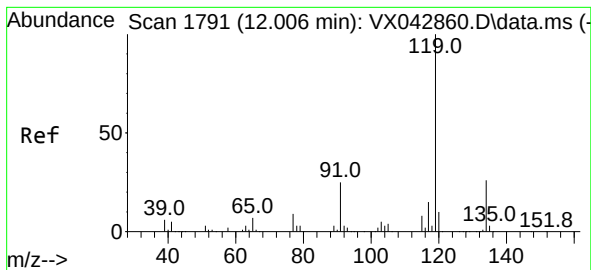
Tgt Ion: 91 Resp: 1299253
Ion Ratio Lower Upper
91 100
92 58.8 45.7 68.5



#63
Toluene-d8
Concen: 30.751 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043016.D
Acq: 13 Aug 2024 15:43

Tgt Ion: 98 Resp: 201652
Ion Ratio Lower Upper
98 100
100 65.8 50.9 76.3





#82

p-Isopropyltoluene

Concen: 2.864 ug/l

RT: 12.006 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX043016.D

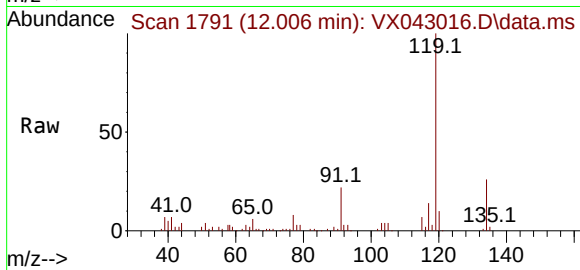
Acq: 13 Aug 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE



Tgt Ion:119 Resp: 20227

Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.8

91 24.0 0.0 48.4

