

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031412.D
 Acq On : 16 Sep 2022 16:02
 Operator : JC/MD
 Sample : N4574-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Sep 16 16:34:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X091622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 16 12:41:56 2022
 Response via : Initial Calibration

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

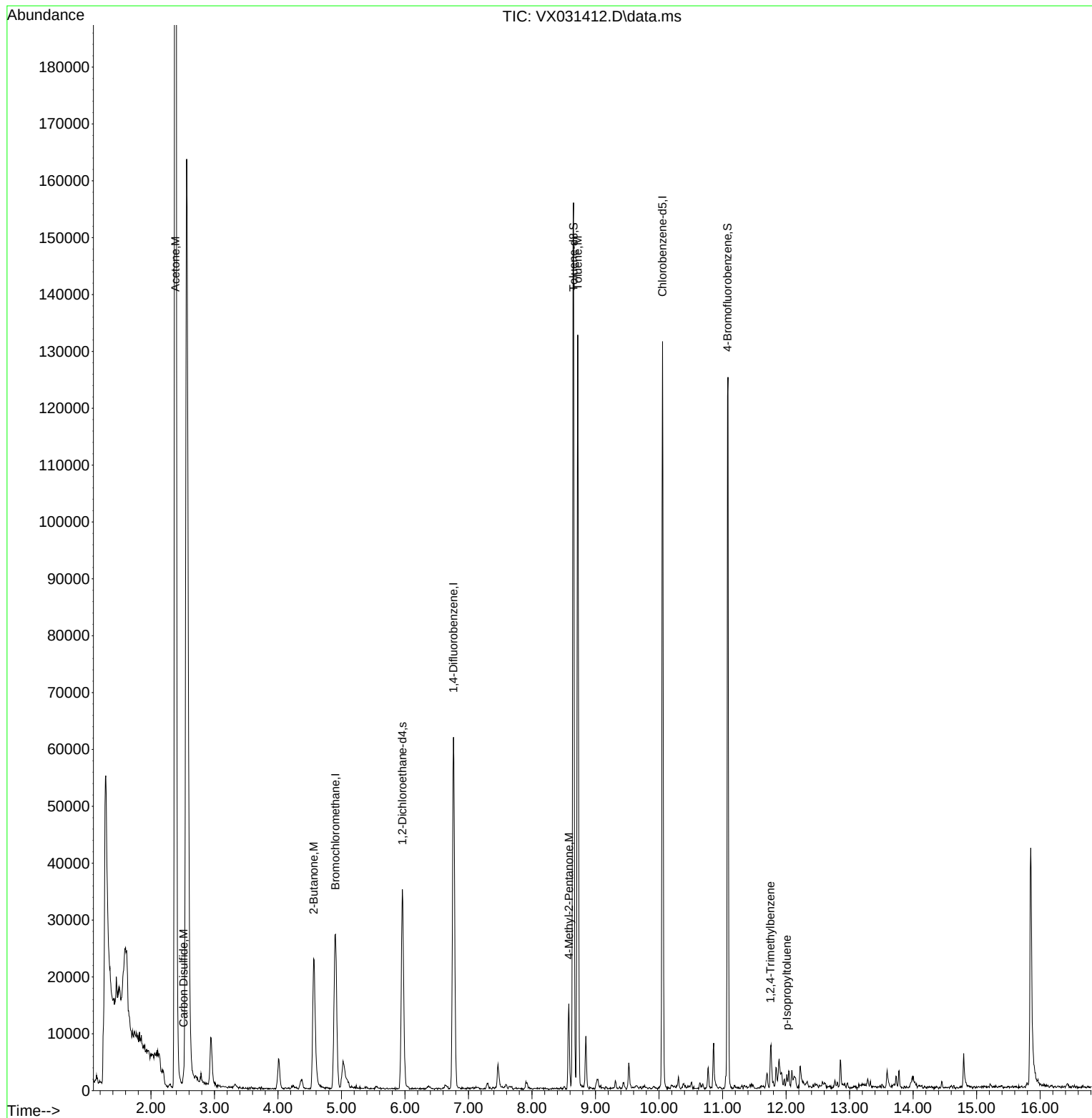
Internal Standards						
1) Bromochloromethane	4.903	128	11365	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	63318	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	56902	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	30759	30.042	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.133%
60) 4-Bromofluorobenzene	11.079	95	29569	25.776	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	85.933%
63) Toluene-d8	8.653	98	92691	29.757	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.200%
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	185710	1383.054	ug/l	96
16) Carbon Disulfide	2.514	76	2610	1.324	ug/l #	89
30) 2-Butanone	4.562	43	36812	51.197	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	8688	6.373	ug/l	96
62) Toluene	8.720	91	82532	20.051	ug/l	98
80) 1,2,4-Trimethylbenzene	11.756	105	1830m	0.432	ug/l	
82) p-Isopropyltoluene	12.012	119	1083	0.242	ug/l	99

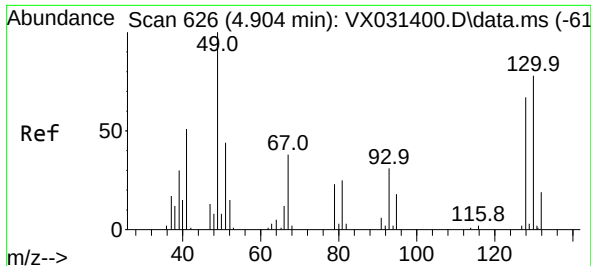
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 16 12:41:56 2022
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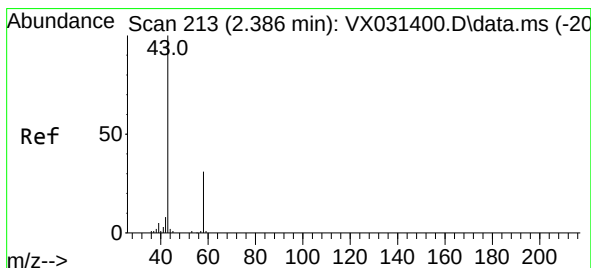
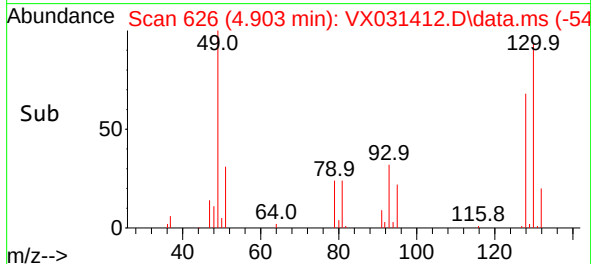
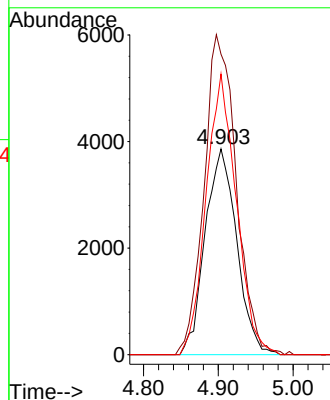
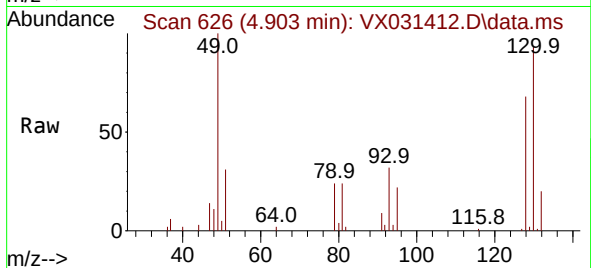




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.001 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

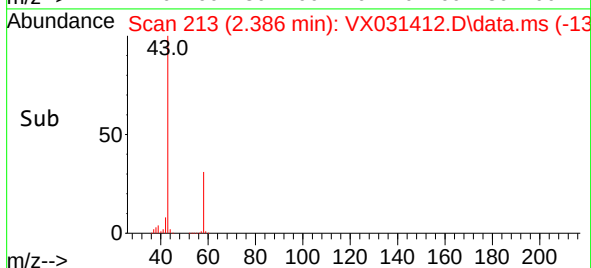
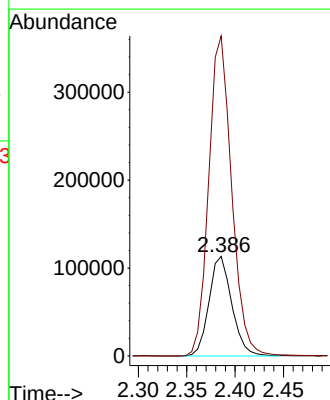
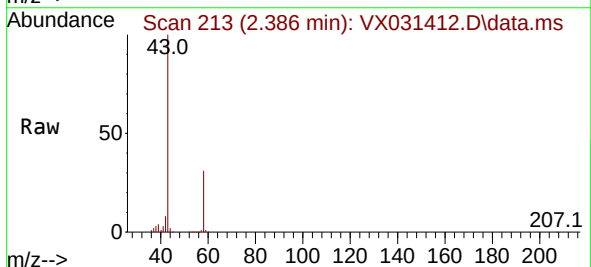
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(SEP)

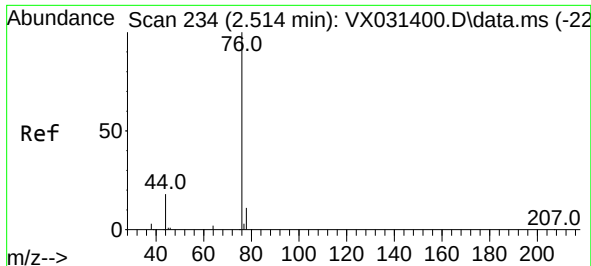
Tgt Ion:128 Resp: 11365
Ion Ratio Lower Upper
128 100
49 157.9 0.0 358.3
130 130.9 0.0 319.3



#15
Acetone
Concen: 1383.054 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

Tgt Ion: 58 Resp: 185710
Ion Ratio Lower Upper
58 100
43 321.7 250.2 375.2

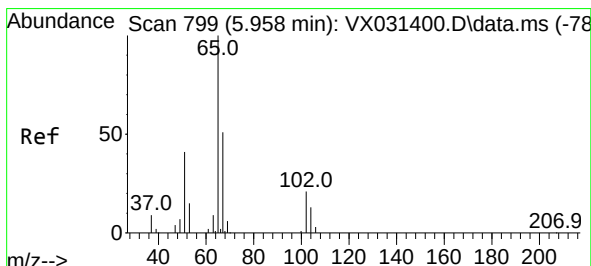
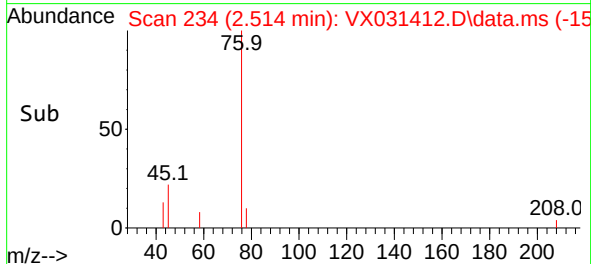
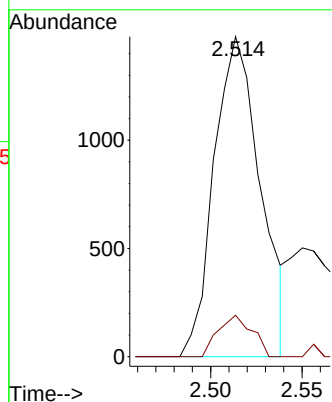
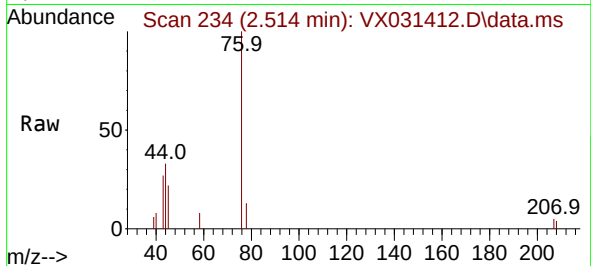




#16
Carbon Disulfide
Concen: 1.324 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

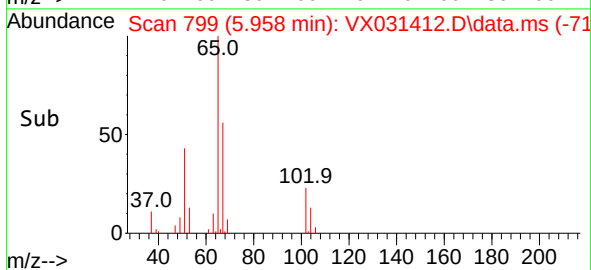
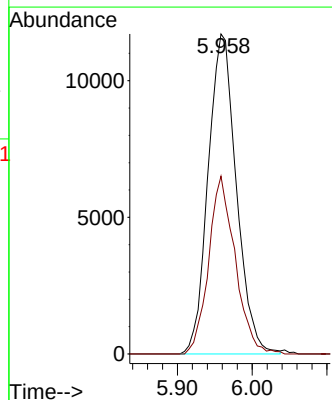
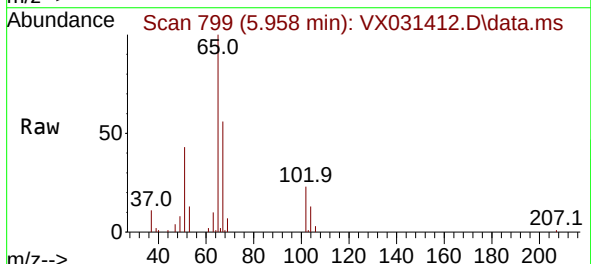
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE(SEP)

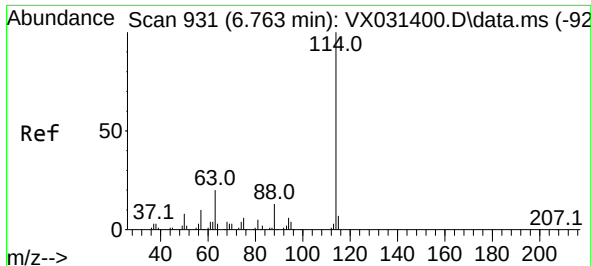
Tgt Ion: 76 Resp: 2610
Ion Ratio Lower Upper
76 100
78 13.0 7.1 10.7#



#27
1,2-Dichloroethane-d4
Concen: 30.042 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

Tgt Ion: 65 Resp: 30759
Ion Ratio Lower Upper
65 100
67 51.8 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX031412.D

Acq: 16 Sep 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE(SEP)

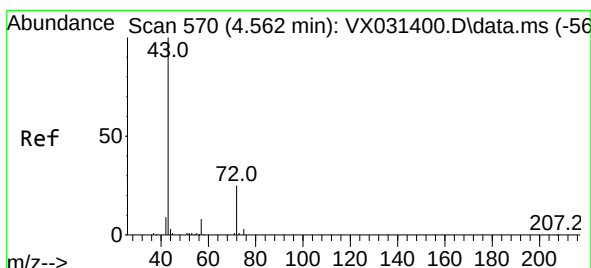
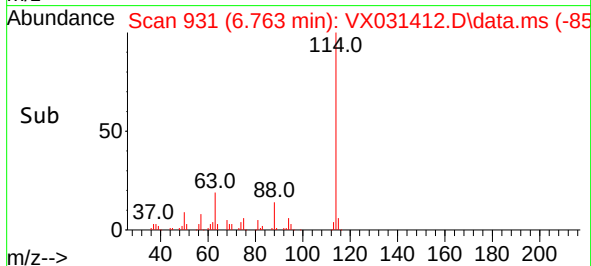
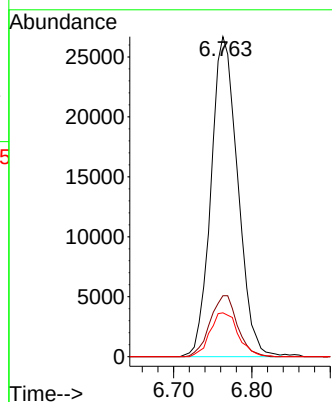
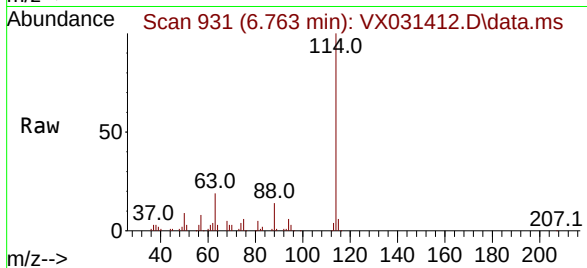
Tgt Ion:114 Resp: 63318

Ion Ratio Lower Upper

114 100

63 19.5 15.3 22.9

88 14.4 12.2 18.4



#30

2-Butanone

Concen: 51.197 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX031412.D

Acq: 16 Sep 2022 16:02

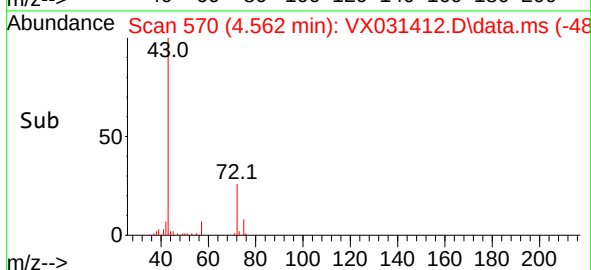
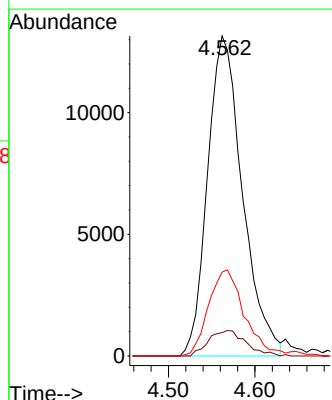
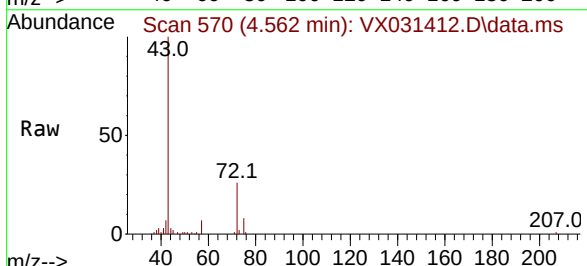
Tgt Ion: 43 Resp: 36812

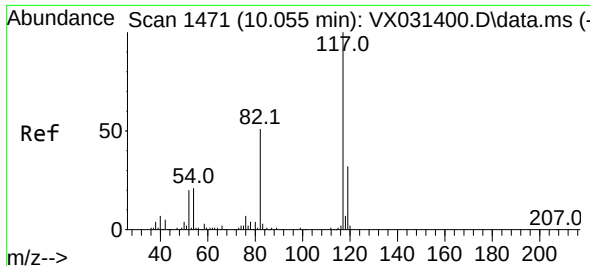
Ion Ratio Lower Upper

43 100

57 8.5 6.6 10.0

72 27.1 22.1 33.1

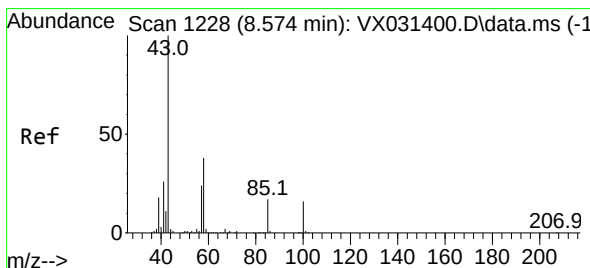
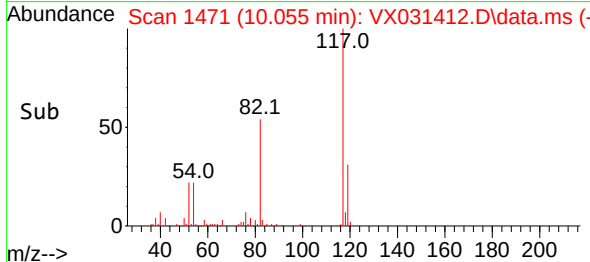
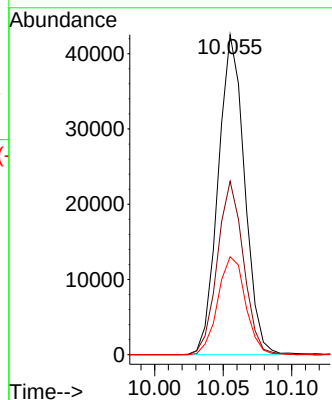
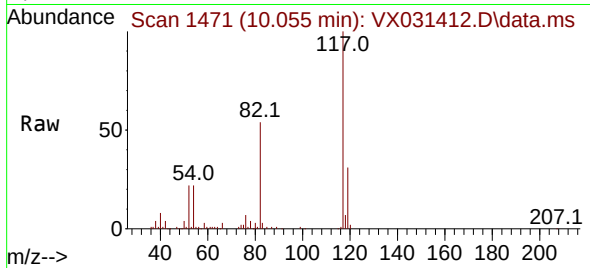




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

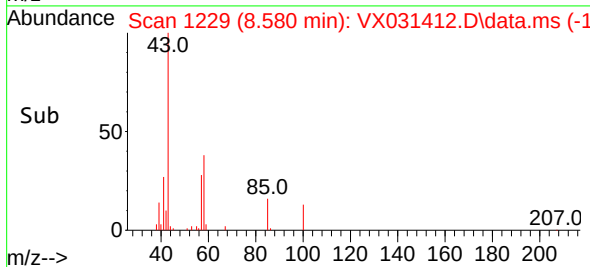
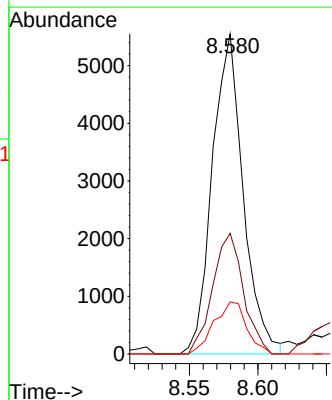
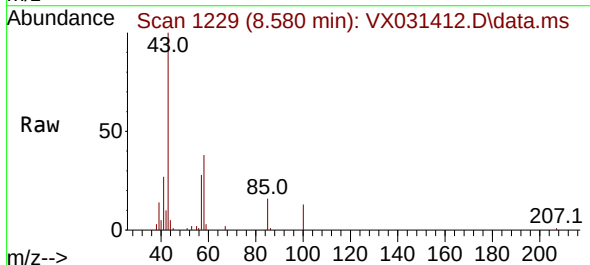
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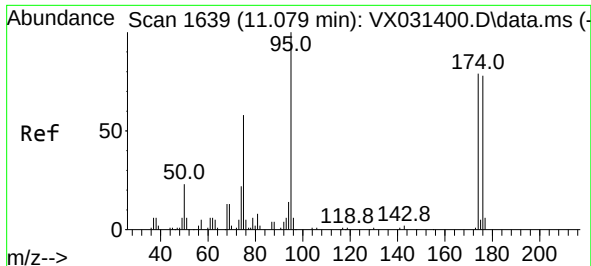
Tgt Ion:	117	Resp:	56902
Ion	Ratio	Lower	Upper
117	100		
82	53.7	42.3	63.5
119	32.1	26.2	39.2



#58
4-Methyl-2-Pentanone
Concen: 6.373 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

Tgt Ion:	43	Resp:	8688
Ion	Ratio	Lower	Upper
43	100		
58	37.6	31.8	47.6
85	17.2	15.8	23.6

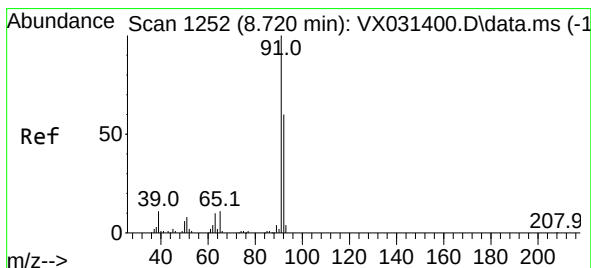
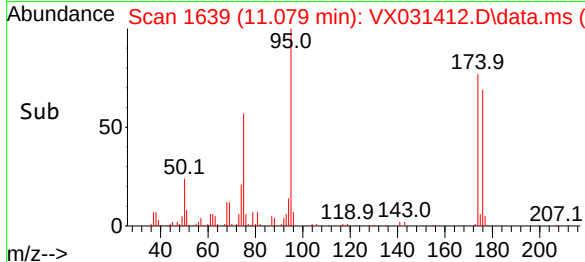
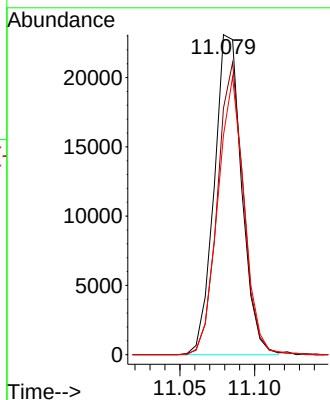
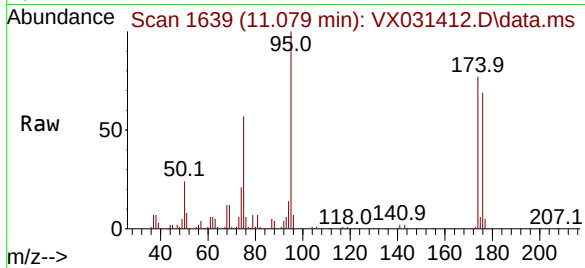




#60
4-Bromofluorobenzene
Concen: 25.776 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

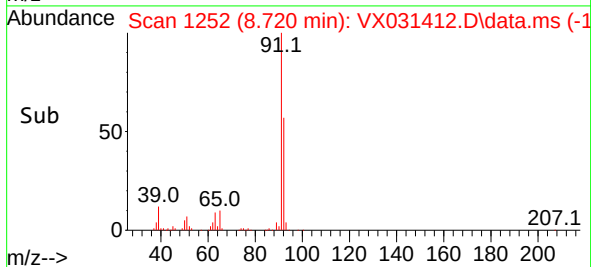
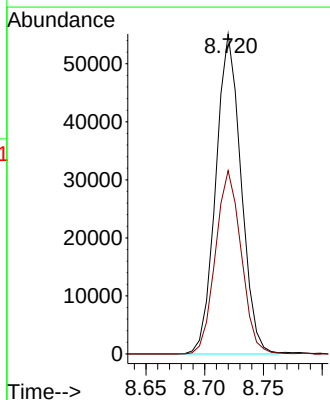
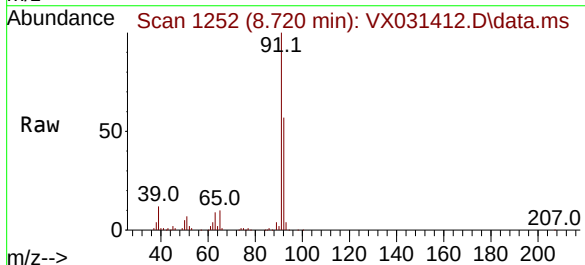
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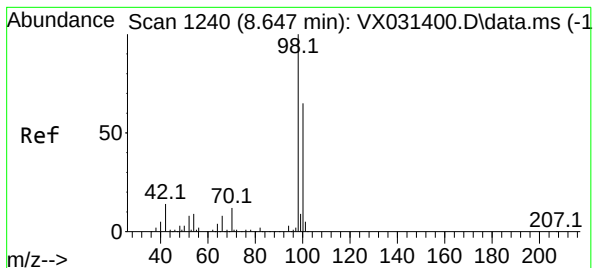
Tgt Ion: 95 Resp: 29569
Ion Ratio Lower Upper
95 100
174 86.2 65.4 98.2
176 83.5 63.4 95.0



#62
Toluene
Concen: 20.051 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031412.D
Acq: 16 Sep 2022 16:02

Tgt Ion: 91 Resp: 82532
Ion Ratio Lower Upper
91 100
92 58.3 48.1 72.1





#63

Toluene-d8

Concen: 29.757 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031412.D

Acq: 16 Sep 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

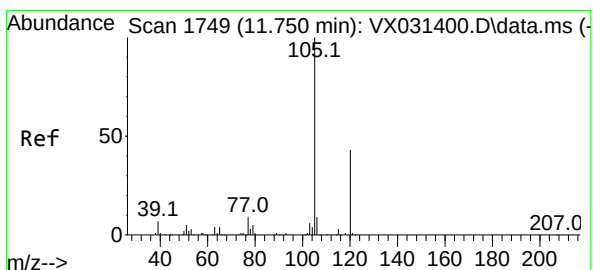
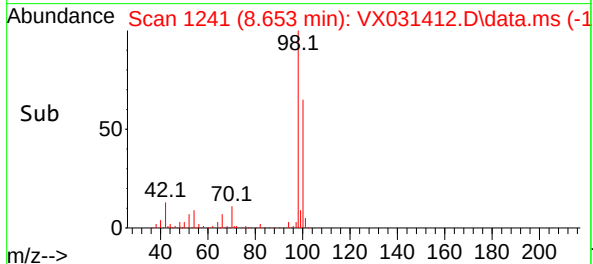
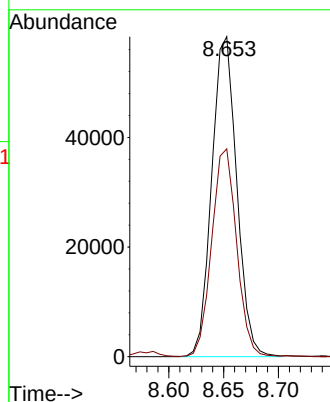
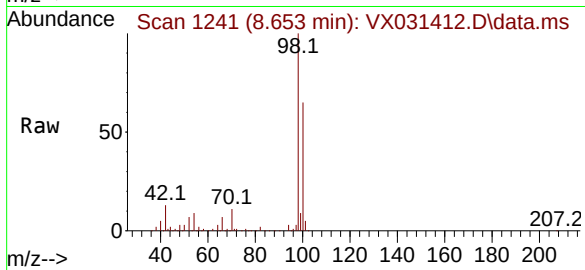
002-35TH-AVE(SEP)

Tgt Ion: 98 Resp: 92691

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



#80

1,2,4-Trimethylbenzene

Concen: 0.432 ug/l m

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX031412.D

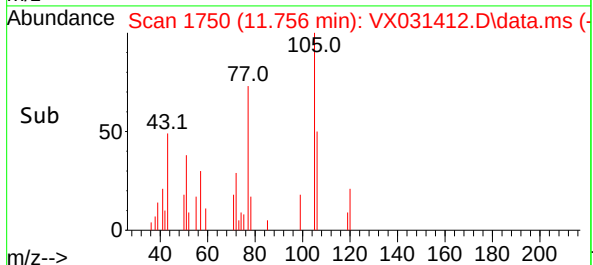
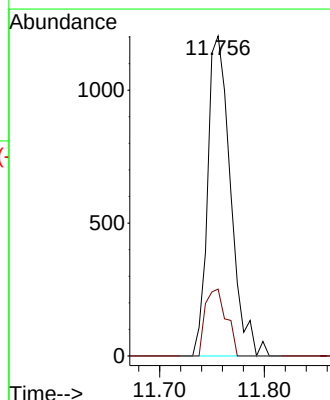
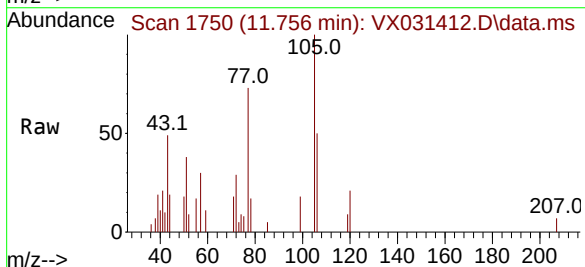
Acq: 16 Sep 2022 16:02

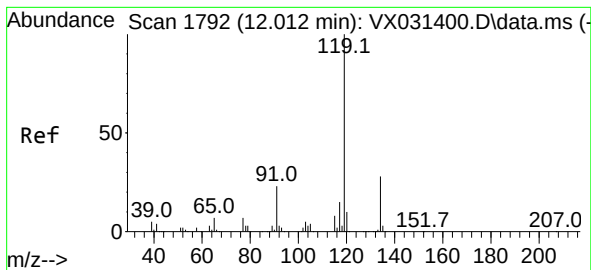
Tgt Ion:105 Resp: 1830

Ion Ratio Lower Upper

105 100

120 0.0 0.0 89.6





#82
 p-Isopropyltoluene
 Concen: 0.242 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031412.D
 Acq: 16 Sep 2022 16:02

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Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	0.0	52.4
91	24.2	0.0	47.2

