

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062724\
 Data File : VX042077.D
 Acq On : 27 Jun 2024 16:11
 Operator : JC/MD
 Sample : P3067-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-PT-BLVD(JUNE)DL

Quant Time: Jun 28 04:05:44 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)

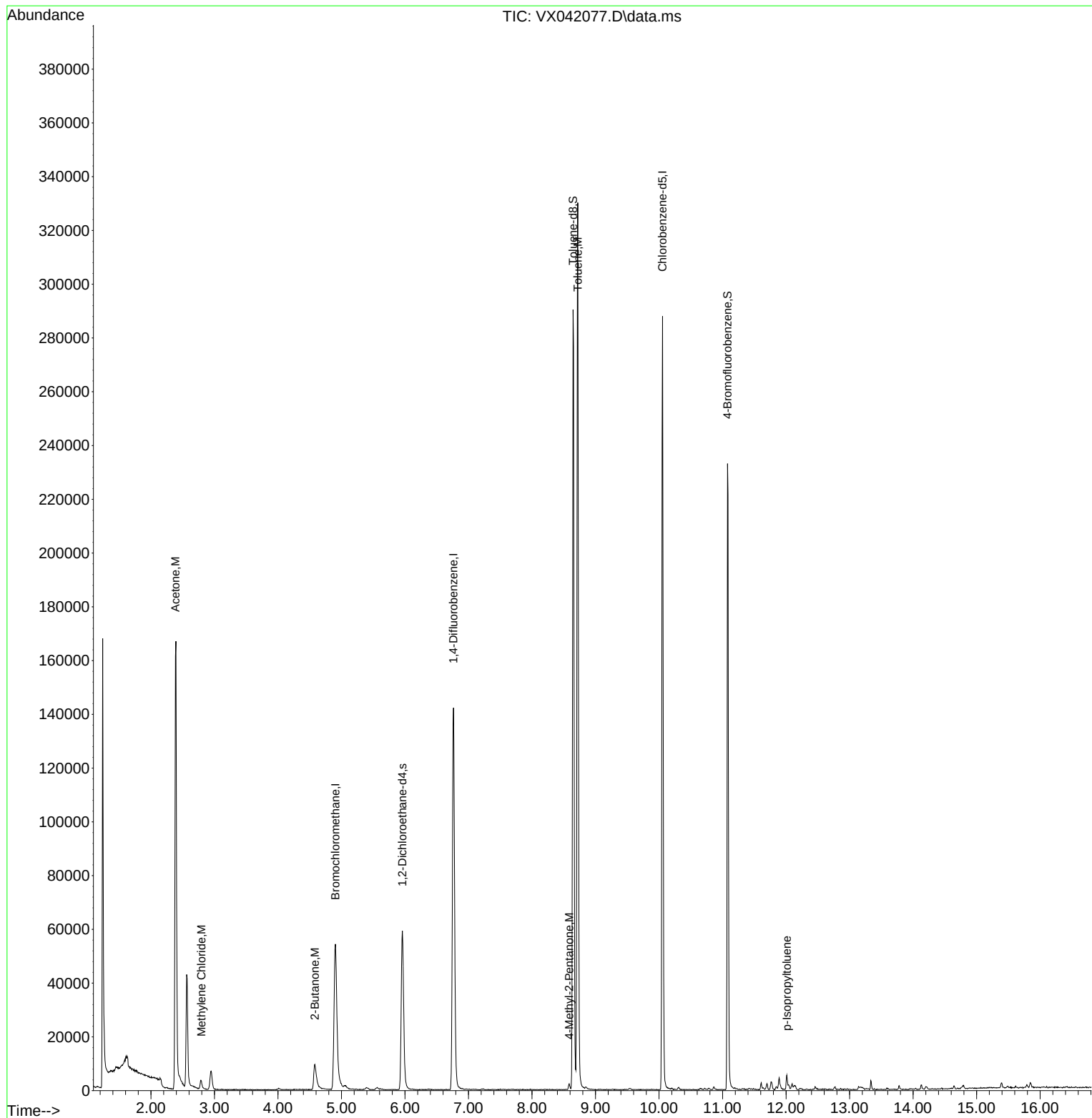
Internal Standards						
1) Bromochloromethane	4.903	128	29988	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	162063	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147875	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	56697	27.465	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	91.533%	
60) 4-Bromofluorobenzene	11.079	95	63541	27.759	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	92.533%	
63) Toluene-d8	8.647	98	183354	28.981	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	96.600%	
Target Compounds						
					Qvalue	
15) Acetone	2.386	58	64159	202.234	ug/l	92
18) Methylene Chloride	2.794	84	1887	0.898	ug/l #	83
30) 2-Butanone	4.580	43	17745	12.556	ug/l	96
58) 4-Methyl-2-Pentanone	8.586	43	1440	0.543	ug/l	98
62) Toluene	8.720	91	226115	30.217	ug/l	99
82) p-Isopropyltoluene	12.012	119	2428	0.324	ug/l	97

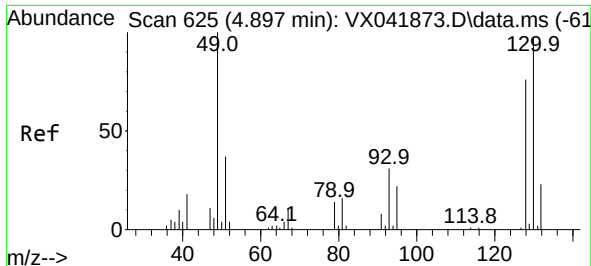
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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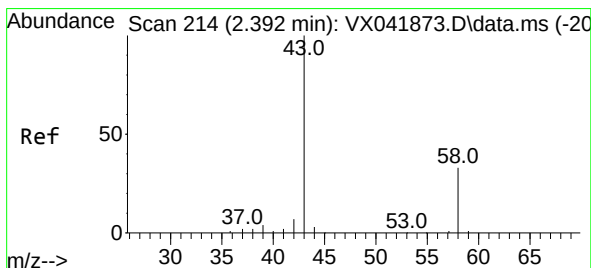
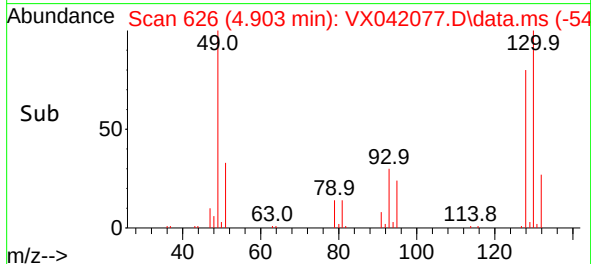
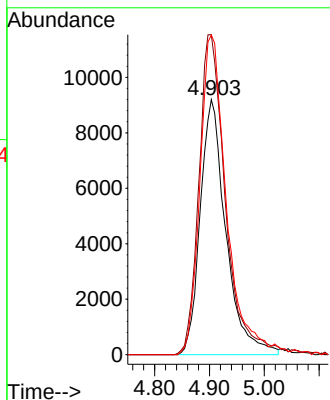
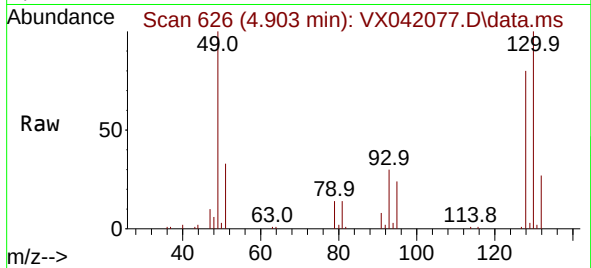




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.903 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

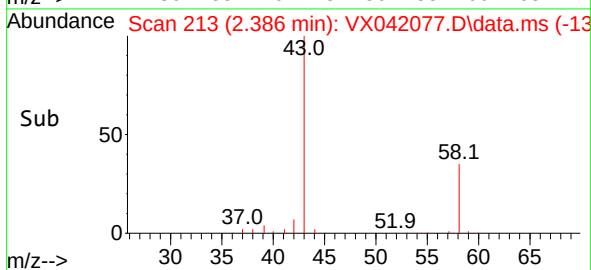
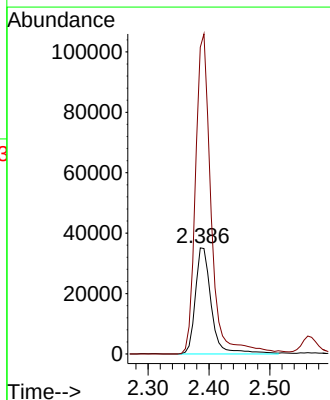
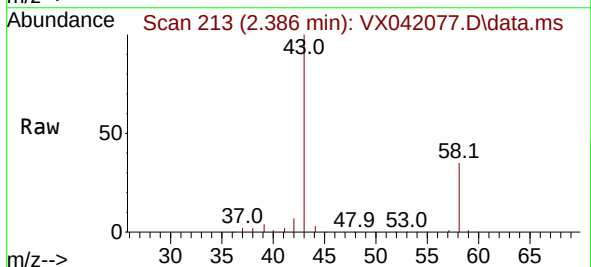
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-PT-BLVD(JUNE)DL

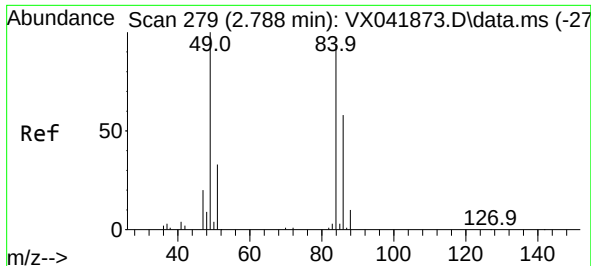
Tgt Ion:128 Resp: 29988
Ion Ratio Lower Upper
128 100
49 128.5 0.0 338.5
130 127.8 0.0 324.5



#15
Acetone
Concen: 202.234 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

Tgt Ion: 58 Resp: 64159
Ion Ratio Lower Upper
58 100
43 289.0 243.4 365.2

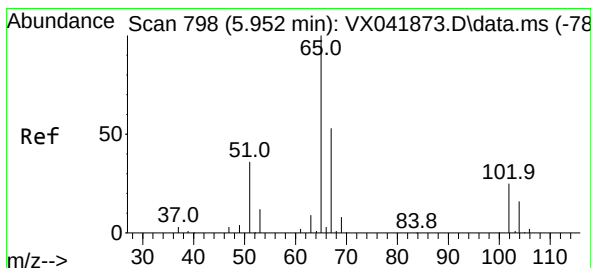
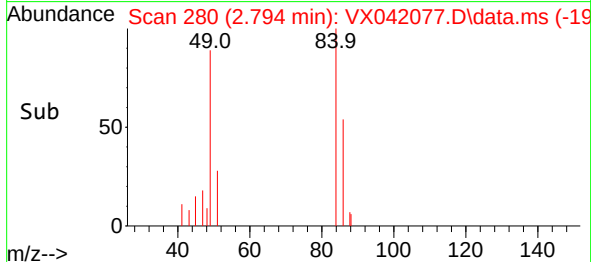
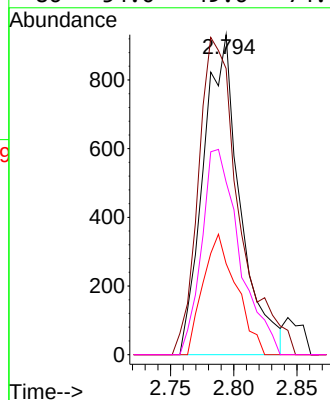
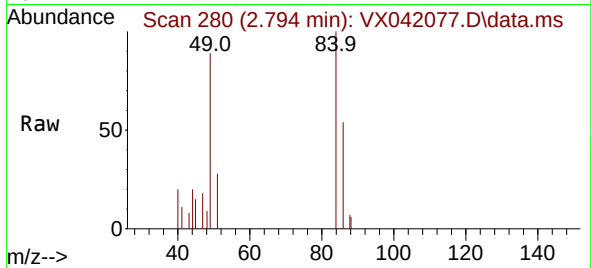




#18
Methylene Chloride
Concen: 0.898 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

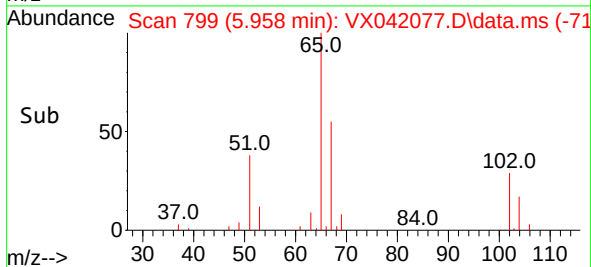
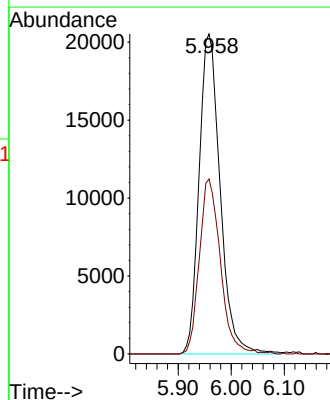
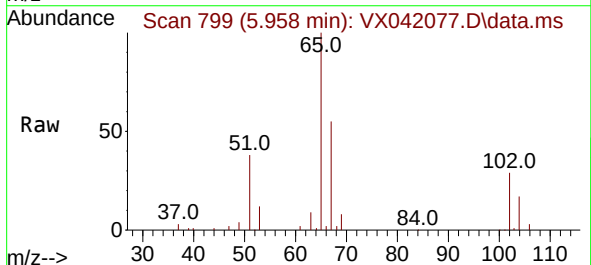
Instrument :
MSVOA_X
ClientSampleId :
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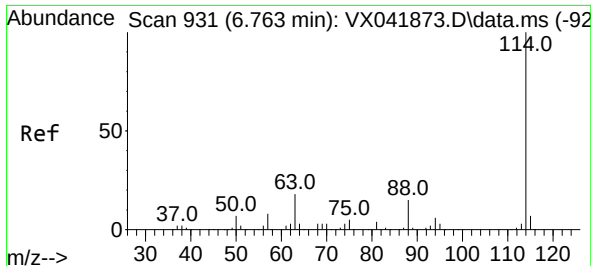
Tgt Ion:	84	Resp:	1887
Ion	Ratio	Lower	Upper
84	100		
49	82.7	85.3	127.9#
51	28.4	28.5	42.7#
86	54.0	49.6	74.4



#27
1,2-Dichloroethane-d4
Concen: 27.465 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

Tgt Ion:	65	Resp:	56697
Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VX042077.D

Acq: 27 Jun 2024 16:11

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-PT-BLVD(JUNE)DL

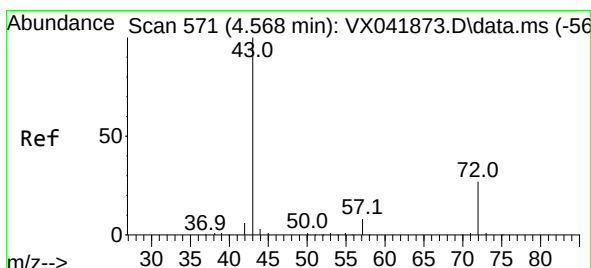
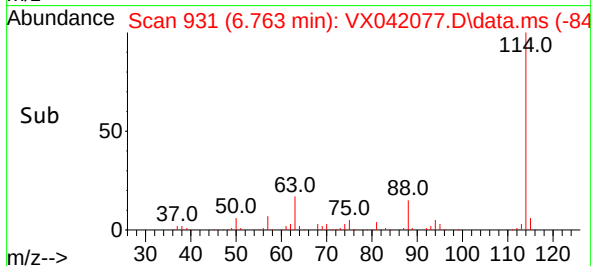
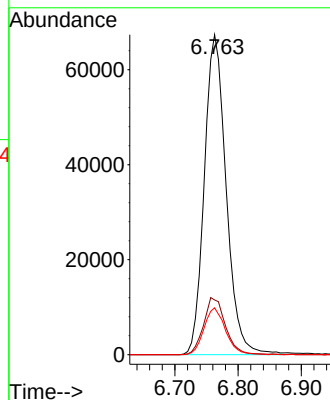
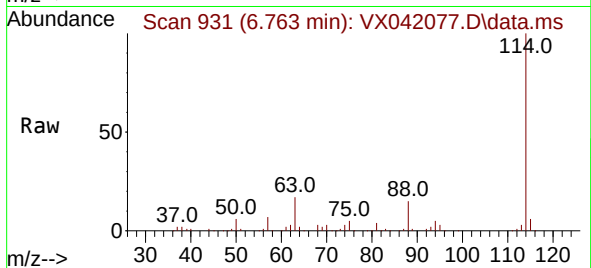
Tgt Ion:114 Resp: 162063

Ion Ratio Lower Upper

114 100

63 17.8 14.6 21.8

88 14.4 11.8 17.8



#30

2-Butanone

Concen: 12.556 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX042077.D

Acq: 27 Jun 2024 16:11

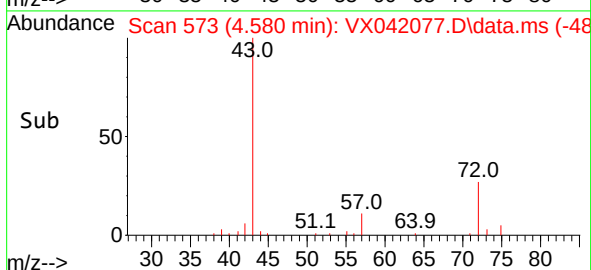
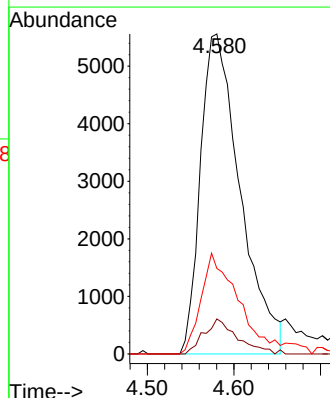
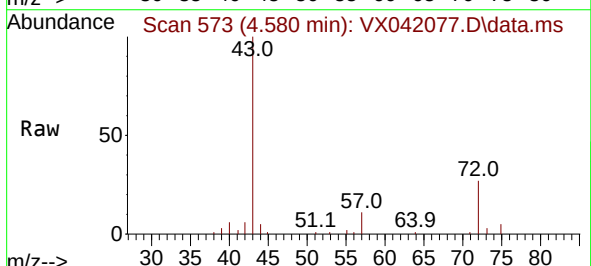
Tgt Ion: 43 Resp: 17745

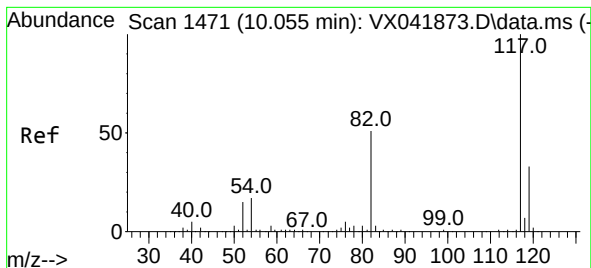
Ion Ratio Lower Upper

43 100

57 9.1 6.5 9.7

72 29.4 22.0 33.0

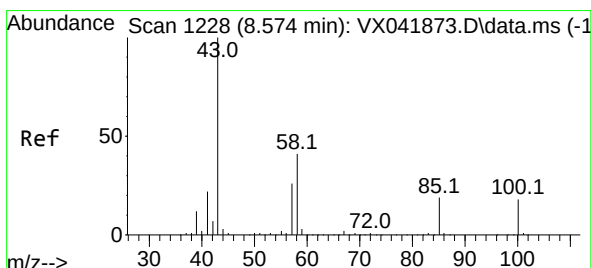
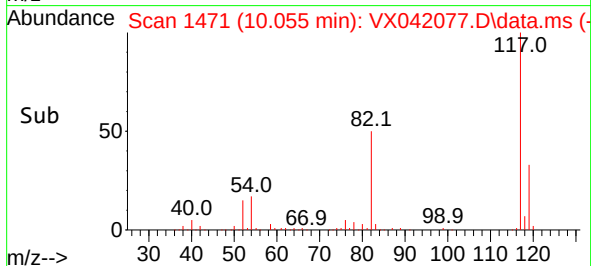
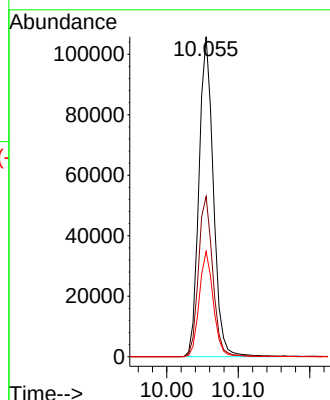
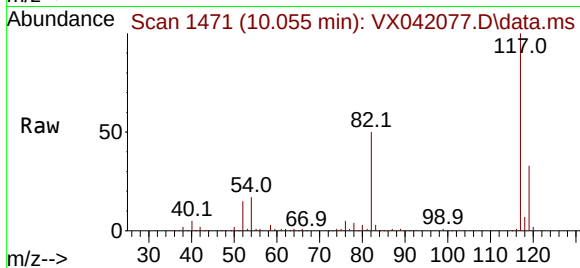




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

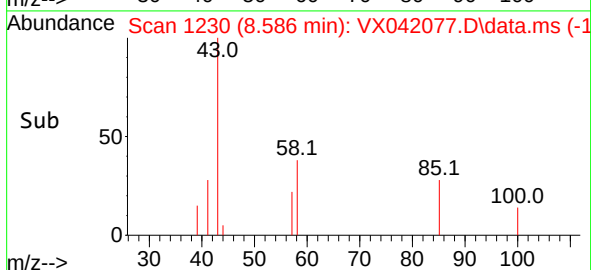
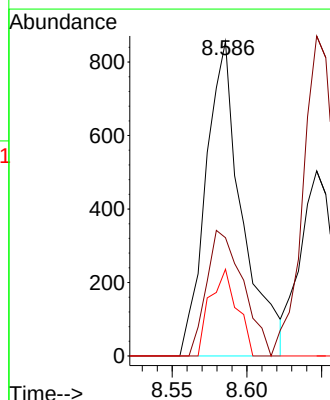
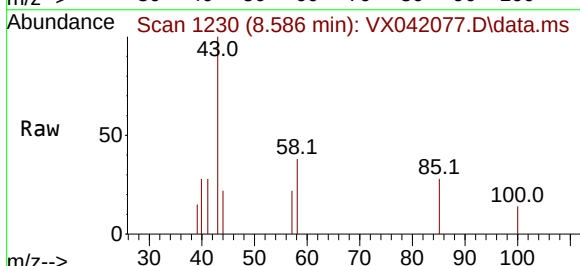
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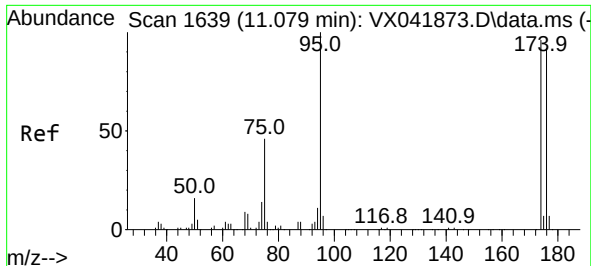
Tgt Ion:117 Resp: 147875
Ion Ratio Lower Upper
117 100
82 49.6 41.1 61.7
119 32.2 26.1 39.1



#58
4-Methyl-2-Pentanone
Concen: 0.543 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 40.2 33.2 49.8
85 20.6 15.5 23.3

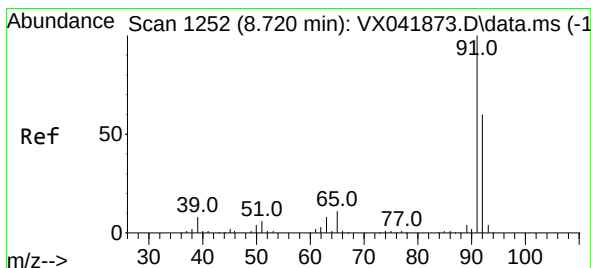
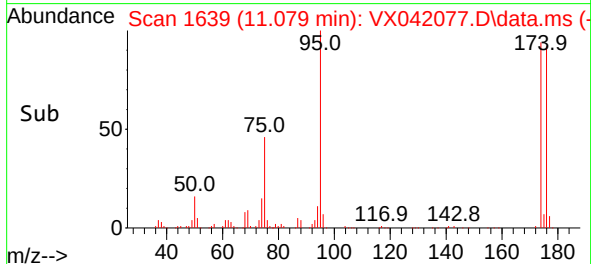
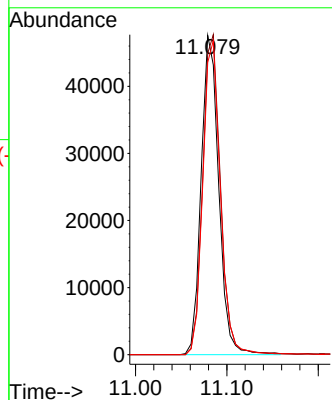
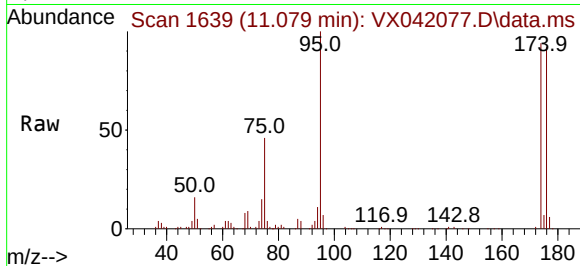




#60
4-Bromofluorobenzene
Concen: 27.759 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

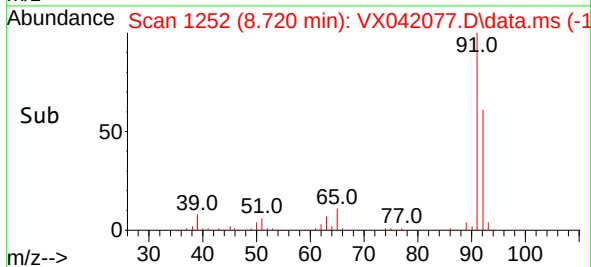
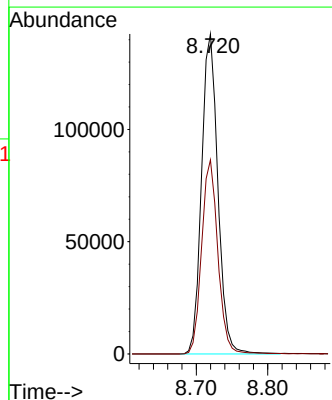
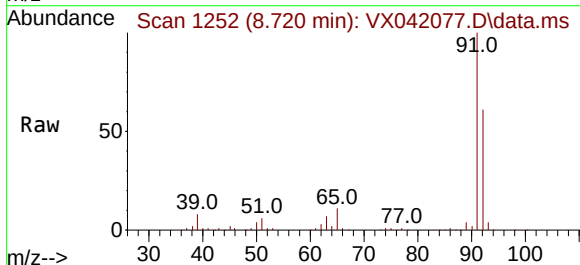
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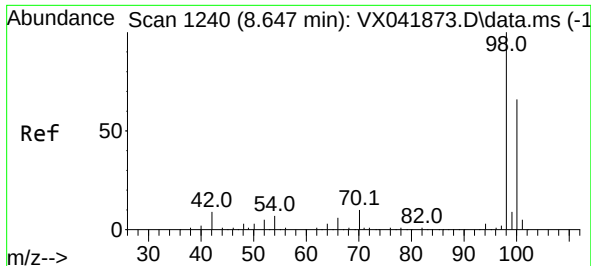
Tgt Ion: 95 Resp: 63541
Ion Ratio Lower Upper
95 100
174 101.0 78.9 118.3
176 97.9 77.1 115.7



#62
Toluene
Concen: 30.217 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

Tgt Ion: 91 Resp: 226115
Ion Ratio Lower Upper
91 100
92 60.2 47.4 71.2

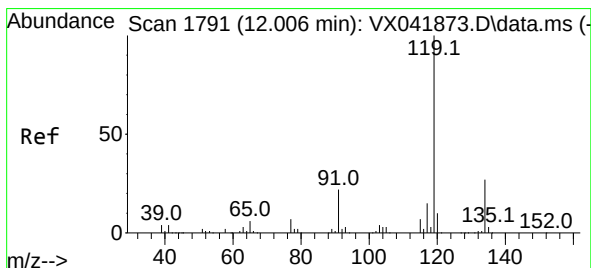
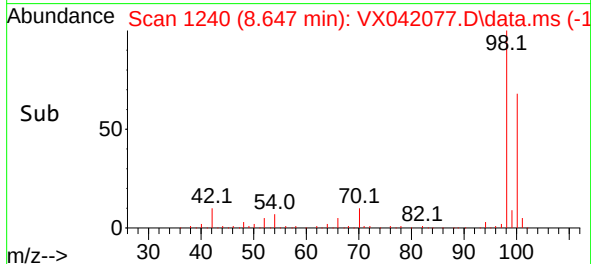
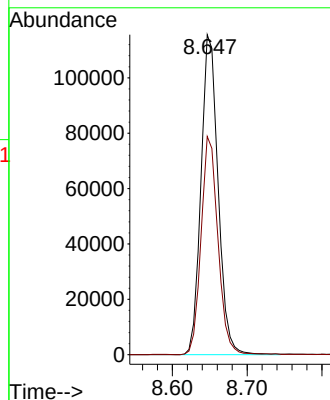
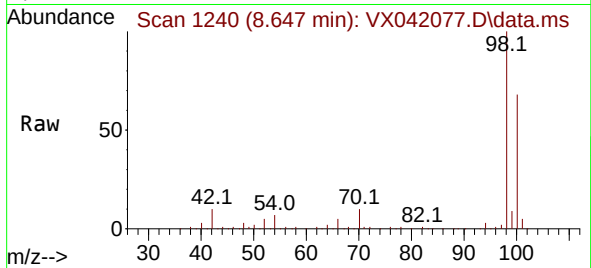




#63
Toluene-d8
Concen: 28.981 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

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Tgt Ion: 98 Resp: 183354
Ion Ratio Lower Upper
98 100
100 67.4 52.7 79.1



#82
p-Isopropyltoluene
Concen: 0.324 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX042077.D
Acq: 27 Jun 2024 16:11

Tgt Ion: 119 Resp: 2428
Ion Ratio Lower Upper
119 100
134 28.7 0.0 54.0
91 22.4 0.0 42.2

