

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042562.D
 Acq On : 25 Jul 2024 12:44
 Operator : JC/MD
 Sample : P3355-01DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-BLVD(JUNEDL)

Quant Time: Jul 26 01:35:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 11:30:14 2024
 Response via : Initial Calibration

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

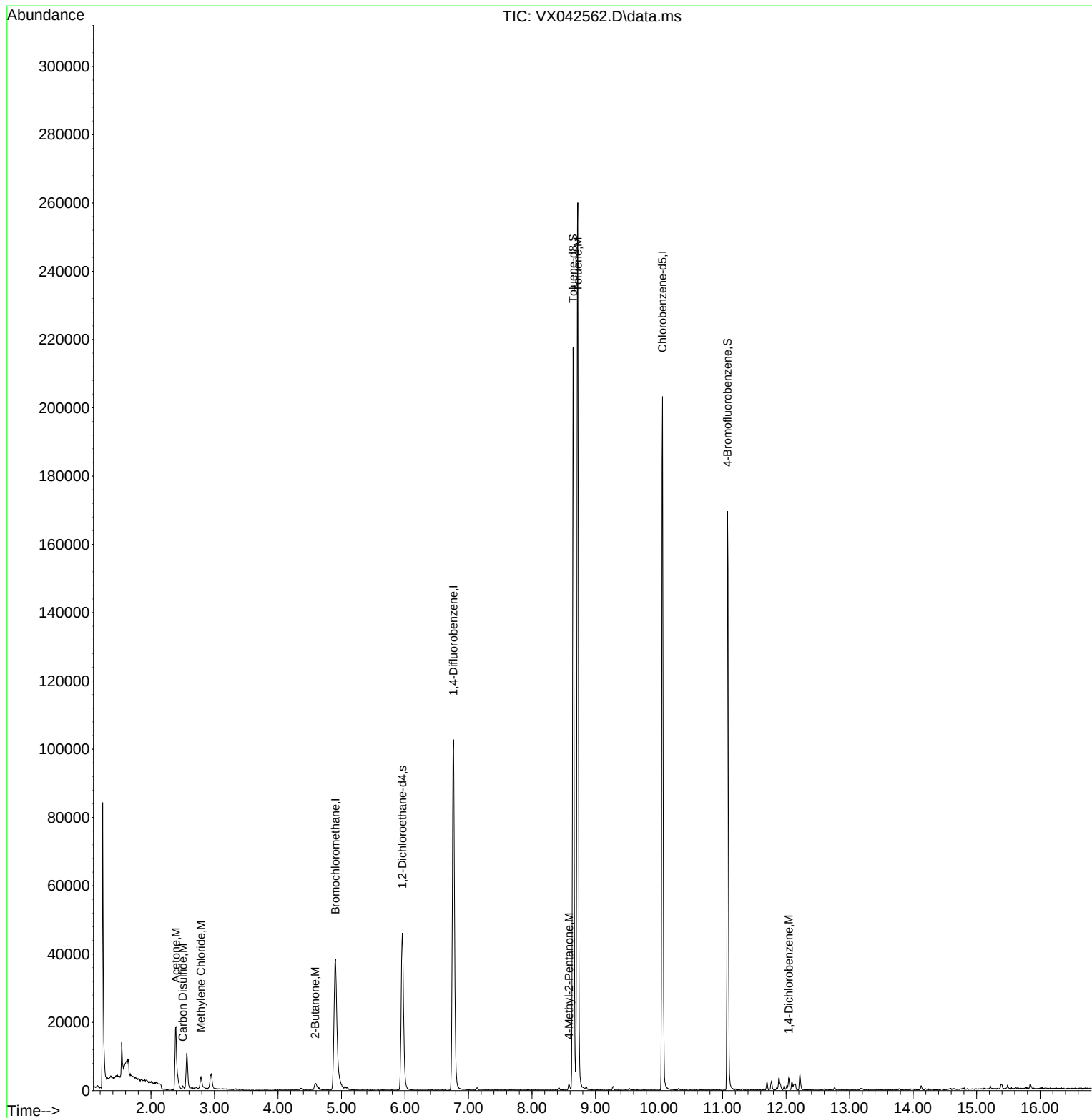
Internal Standards						
1) Bromochloromethane	4.904	128	20539	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	113269	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103080	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	45139	30.681	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.267%
60) 4-Bromofluorobenzene	11.079	95	44334	27.643	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.133%
63) Toluene-d8	8.647	98	133437	29.799	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.333%
Target Compounds						
15) Acetone	2.392	58	6771	30.797	ug/l	Qvalue 99
16) Carbon Disulfide	2.502	76	1507	0.637	ug/l	99
18) Methylene Chloride	2.788	84	2030	1.484	ug/l	94
30) 2-Butanone	4.587	43	3530	3.580	ug/l	# 90
58) 4-Methyl-2-Pentanone	8.580	43	1300	0.716	ug/l	96
62) Toluene	8.720	91	179982	34.924	ug/l	100
84) 1,4-Dichlorobenzene	12.043	146	966	0.333	ug/l	91

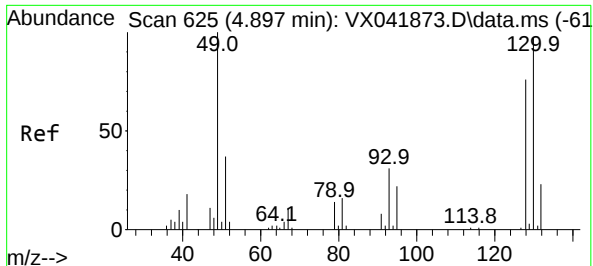
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
001-WILLETS-BLVD(JUNEDL

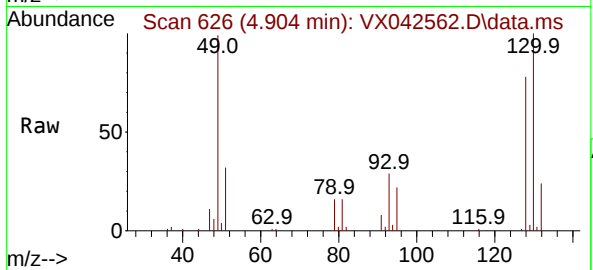
Quant Time: Jul 26 01:35:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 11:30:14 2024
Response via : Initial Calibration



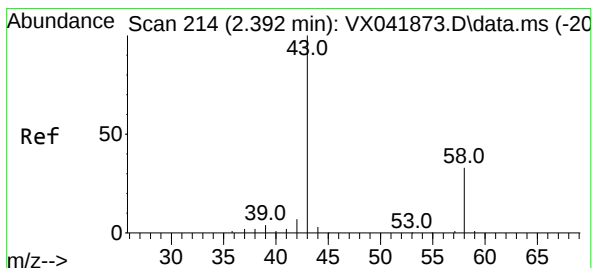
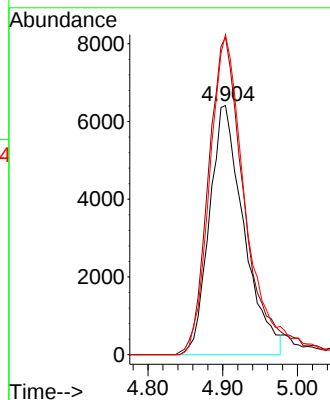
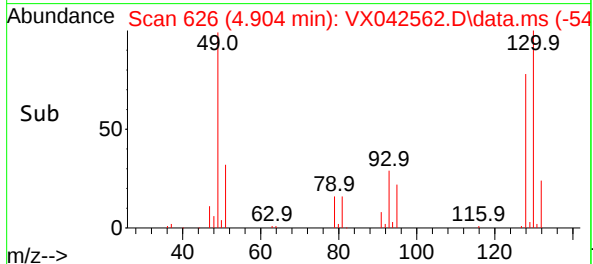


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-BLVD(JUNEDL

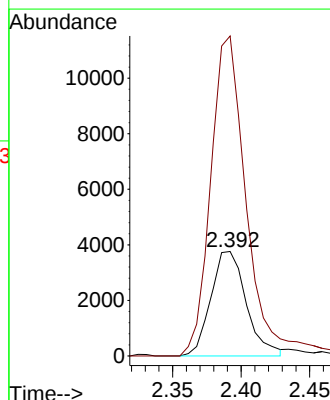
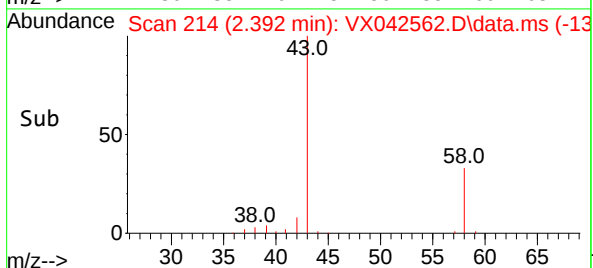
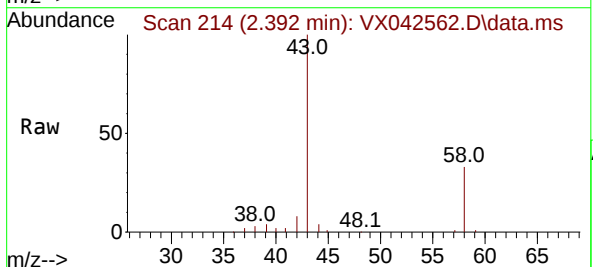


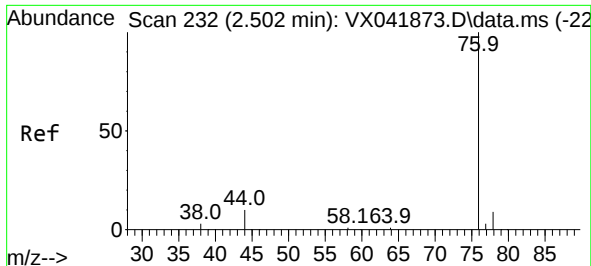
Tgt Ion:128 Resp: 20539
Ion Ratio Lower Upper
128 100
49 133.5 0.0 338.5
130 131.7 0.0 324.5



#15
Acetone
Concen: 30.797 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

Tgt Ion: 58 Resp: 6771
Ion Ratio Lower Upper
58 100
43 306.3 243.4 365.2

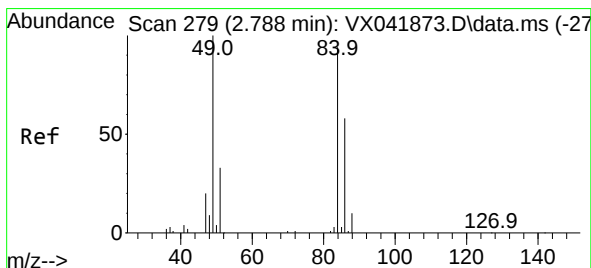
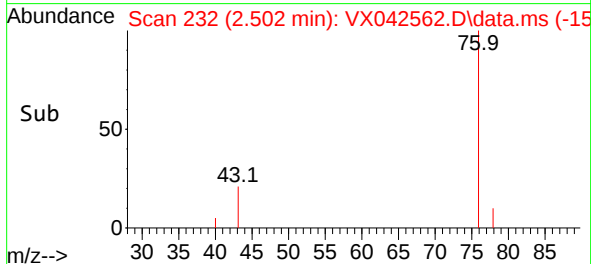
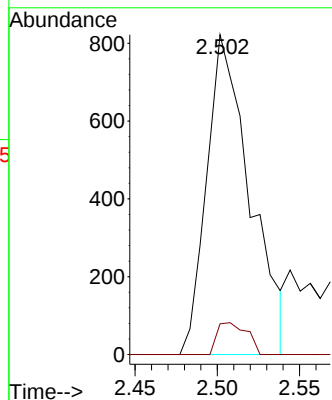
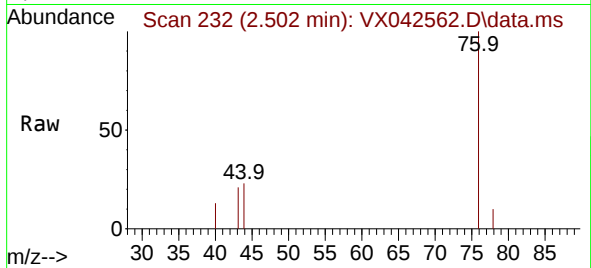




#16
Carbon Disulfide
Concen: 0.637 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

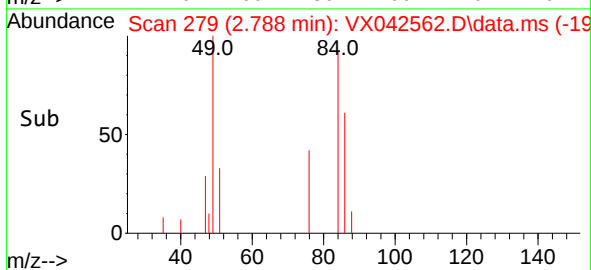
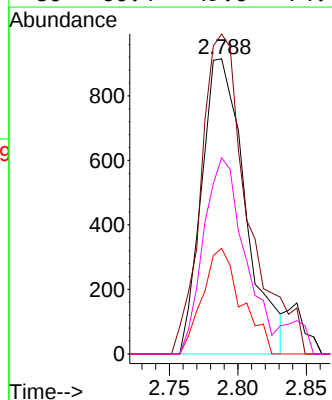
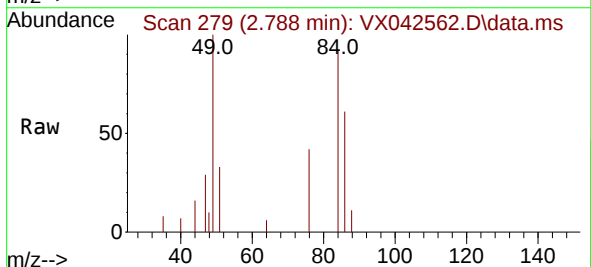
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-BLVD(JUNEDL

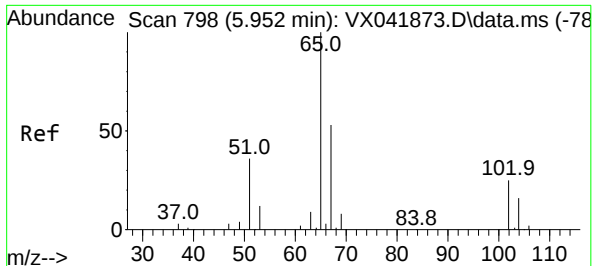
Tgt Ion: 76 Resp: 1507
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#18
Methylene Chloride
Concen: 1.484 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

Tgt Ion: 84 Resp: 2030
Ion Ratio Lower Upper
84 100
49 99.0 85.3 127.9
51 35.7 28.5 42.7
86 66.4 49.6 74.4





#27

1,2-Dichloroethane-d4

Concen: 30.681 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042562.D

Acq: 25 Jul 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

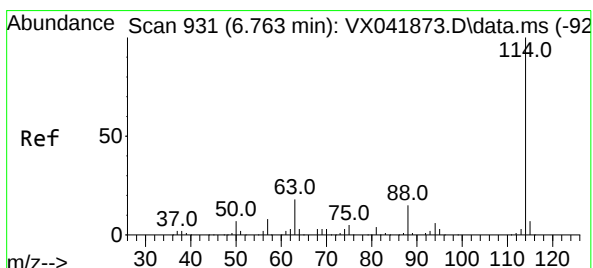
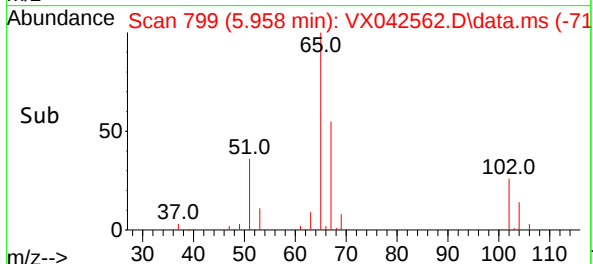
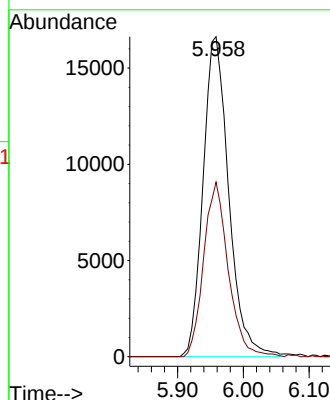
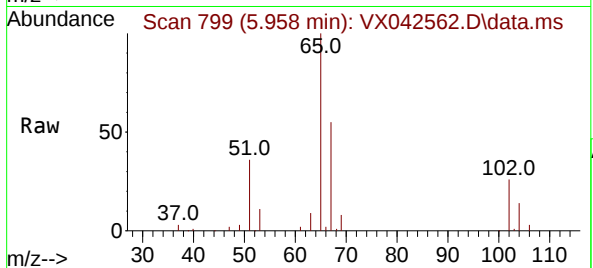
001-WILLETS-BLVD(JUNEDL

Tgt Ion: 65 Resp: 45139

Ion Ratio Lower Upper

65 100

67 52.2 43.4 65.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042562.D

Acq: 25 Jul 2024 12:44

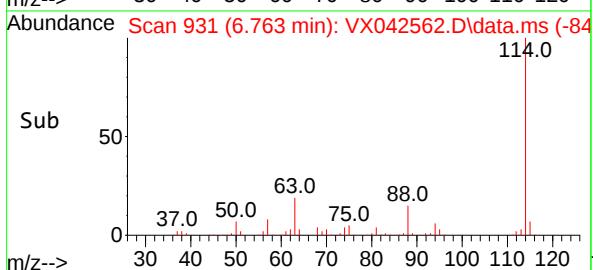
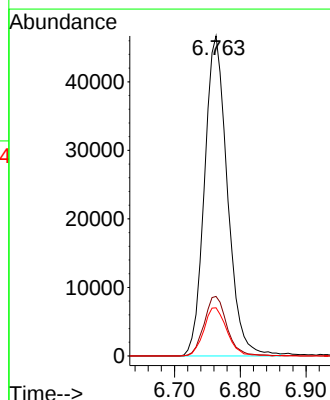
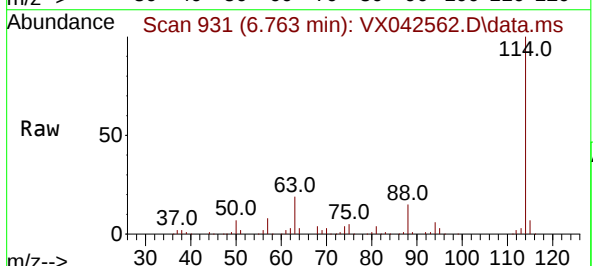
Tgt Ion: 114 Resp: 113269

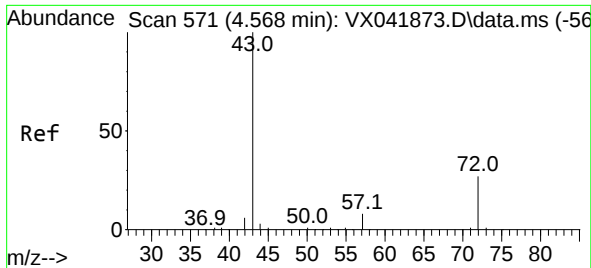
Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

88 15.1 11.8 17.8

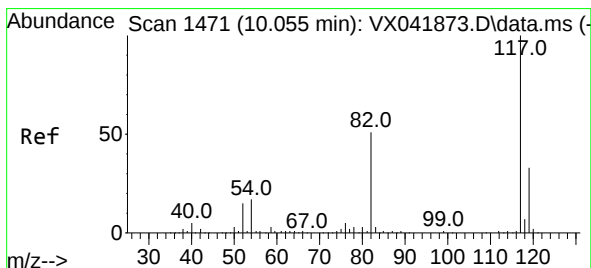
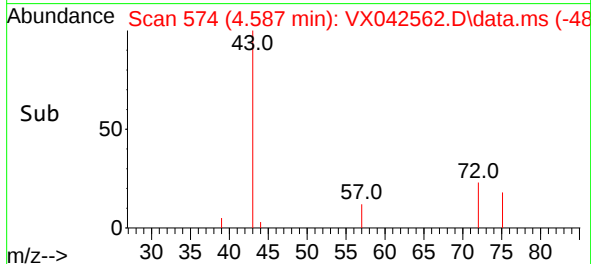
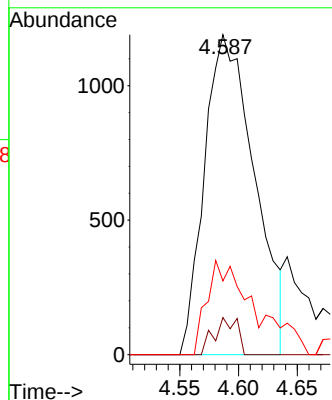
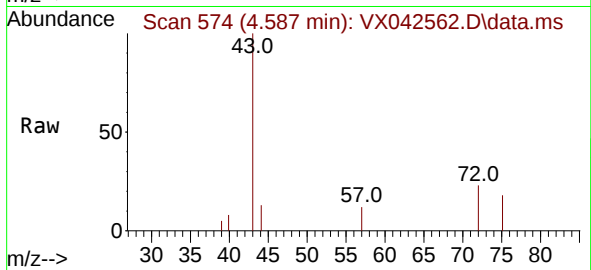




#30
2-Butanone
Concen: 3.580 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

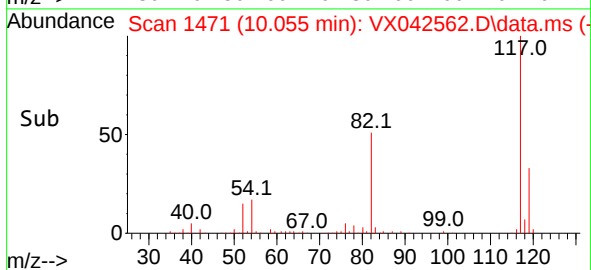
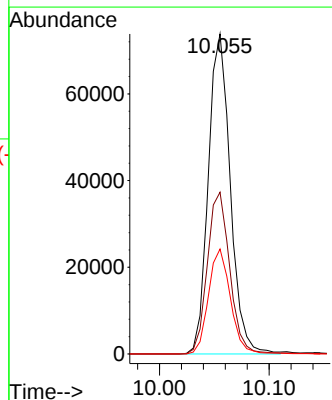
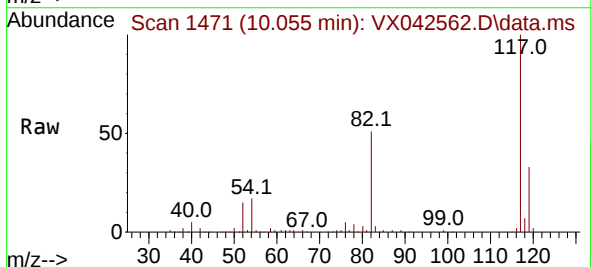
Instrument :
MSVOA_X
ClientSampleId :
001-WILLETS-BLVD(JUNEDL

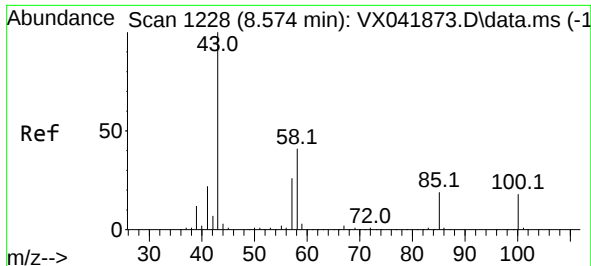
Tgt Ion: 43 Resp: 3530
Ion Ratio Lower Upper
43 100
57 5.3 6.5 9.7#
72 21.8 22.0 33.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

Tgt Ion: 117 Resp: 103080
Ion Ratio Lower Upper
117 100
82 51.4 41.1 61.7
119 32.6 26.1 39.1





#58

4-Methyl-2-Pentanone

Concen: 0.716 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042562.D

Acq: 25 Jul 2024 12:44

Instrument :

MSVOA_X

ClientSampleId :

001-WILLETS-BLVD(JUNEDL

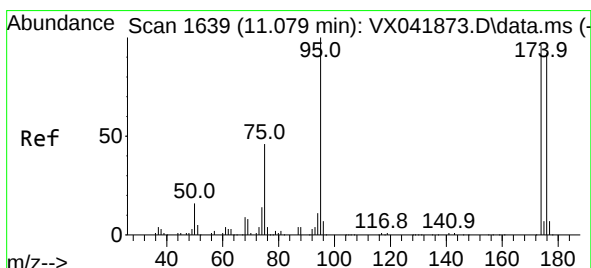
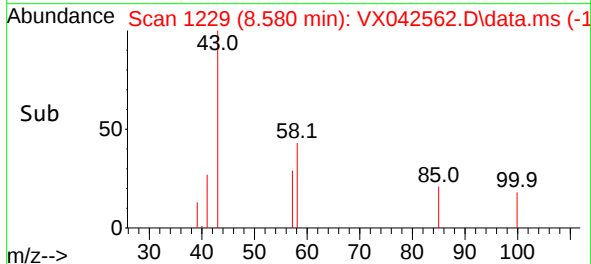
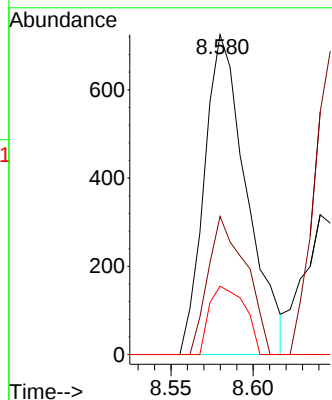
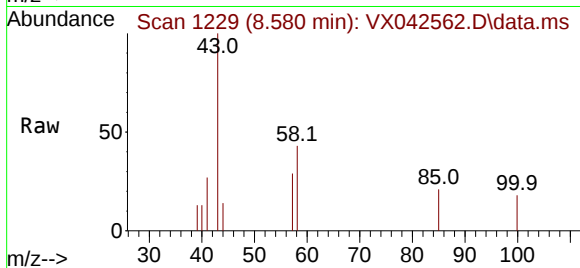
Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

58 38.6 33.2 49.8

85 17.8 15.5 23.3



#60

4-Bromofluorobenzene

Concen: 27.643 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042562.D

Acq: 25 Jul 2024 12:44

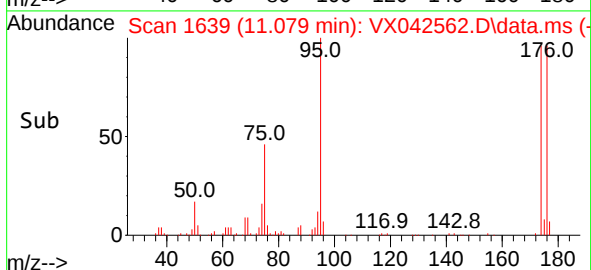
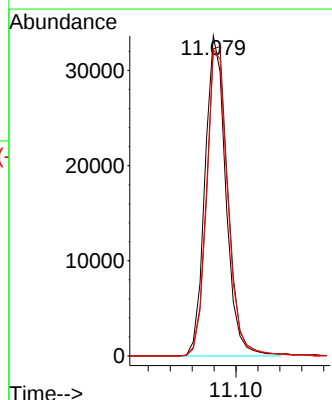
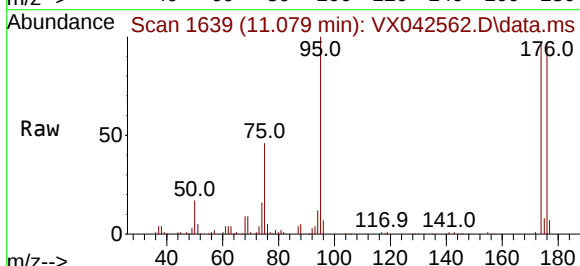
Tgt Ion: 95 Resp: 44334

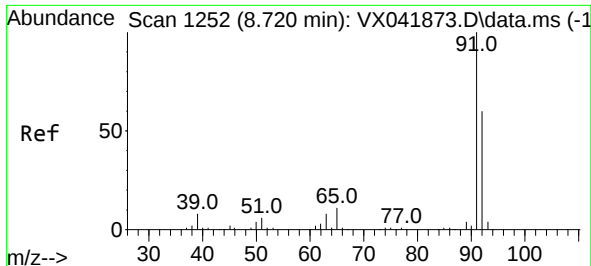
Ion Ratio Lower Upper

95 100

174 100.6 78.9 118.3

176 97.1 77.1 115.7

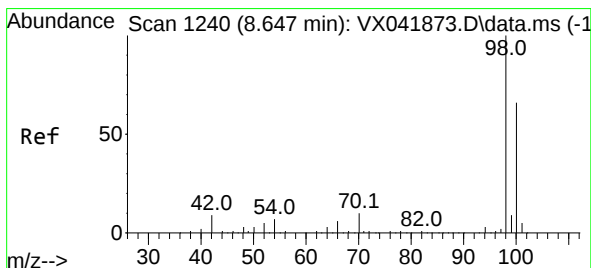
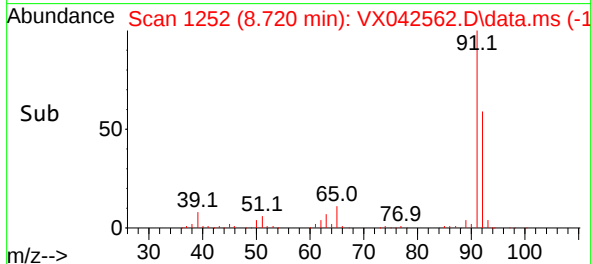
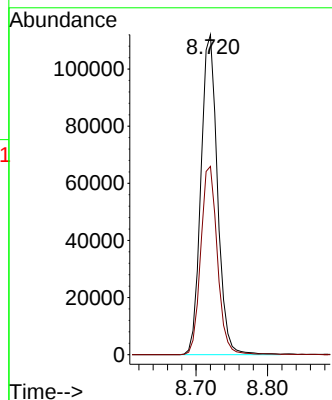
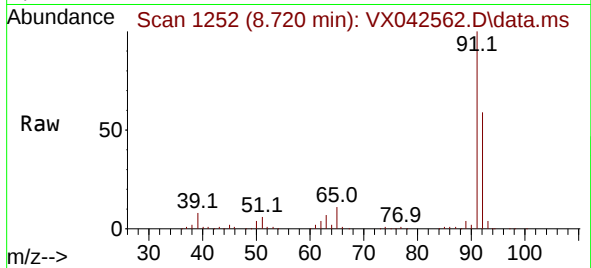




#62
Toluene
Concen: 34.924 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

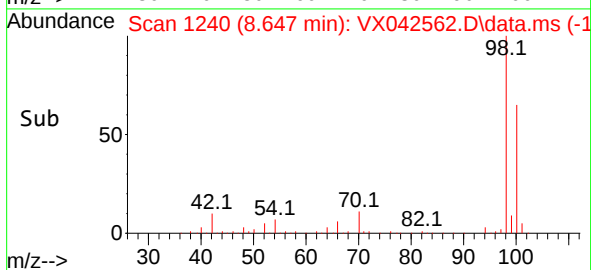
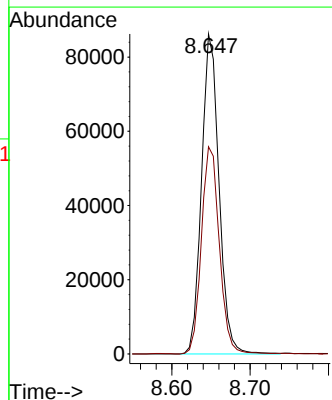
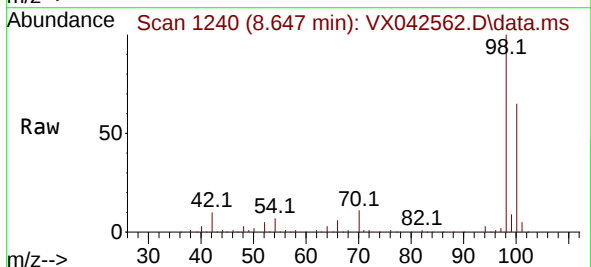
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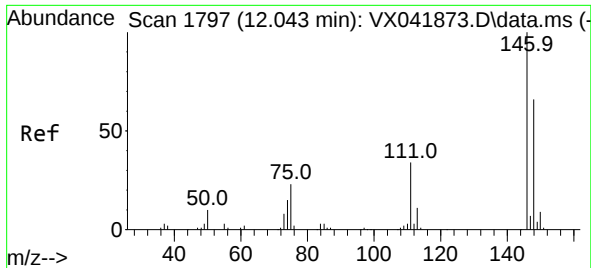
Tgt Ion: 91 Resp: 179982
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2



#63
Toluene-d8
Concen: 29.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042562.D
Acq: 25 Jul 2024 12:44

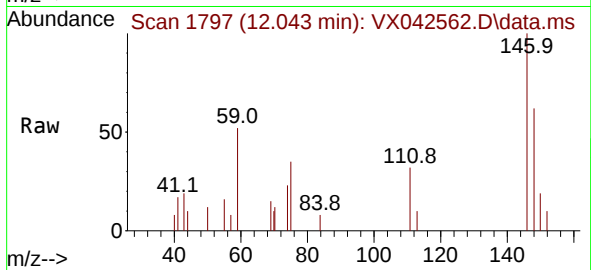
Tgt Ion: 98 Resp: 133437
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1





#84
 1,4-Dichlorobenzene
 Concen: 0.333 ug/l
 RT: 12.043 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042562.D
 Acq: 25 Jul 2024 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 001-WILLETS-BLVD(JUNEDL



Tgt Ion:	146	Resp:	966
Ion	Ratio	Lower	Upper
146	100		
111	38.9	17.4	52.3
148	56.7	32.3	96.9

