

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
 Data File : VX042461.D
 Acq On : 23 Jul 2024 10:42
 Operator : JC/MD
 Sample : P3321-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 001-Willets-Pt-Blvd(July)

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 23 15:09:12 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	4.891	128	25227	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	163334	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	147910	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	61962	34.290	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	114.300%#
60) 4-Bromofluorobenzene	11.079	95	65555	28.486	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.967%
63) Toluene-d8	8.647	98	195838	30.479	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.600%
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	5648	2.336	ug/l	97
15) Acetone	2.392	58	100631	372.651	ug/l	95
16) Carbon Disulfide	2.501	76	3055	1.051	ug/l	96
18) Methylene Chloride	2.776	84	1895	1.128	ug/l #	87
25) Chloroform	5.099	83	1739m	0.601	ug/l	
30) 2-Butanone	4.568	43	38104	26.796	ug/l	99
58) 4-Methyl-2-Pentanone	8.580	43	10815	4.149	ug/l	98
59) 2-Hexanone	9.451	43	1199	0.587	ug/l	90
61) Tetrachloroethene	9.275	164	1634	0.911	ug/l	88
62) Toluene	8.714	91	660146	89.272	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	3010	0.438	ug/l	56
82) p-Isopropyltoluene	12.006	119	4168	0.558	ug/l	98

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

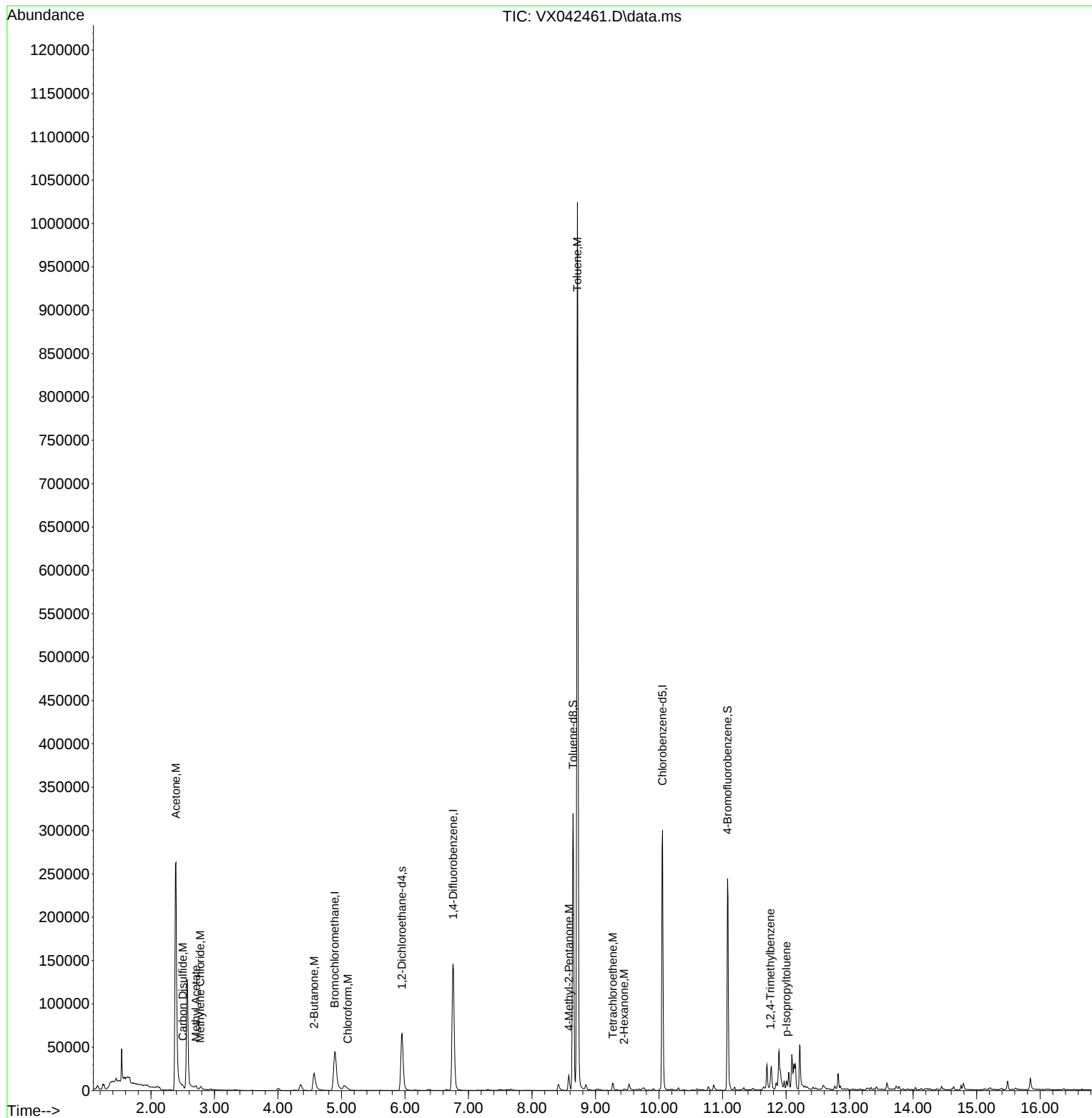
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072324\
Data File : VX042461.D
Acq On : 23 Jul 2024 10:42
Operator : JC/MD
Sample : P3321-01
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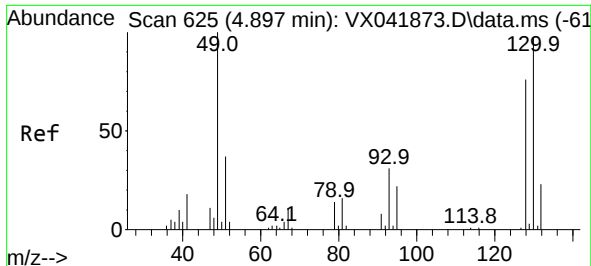
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)

Quant Time: Jul 23 15:09:12 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

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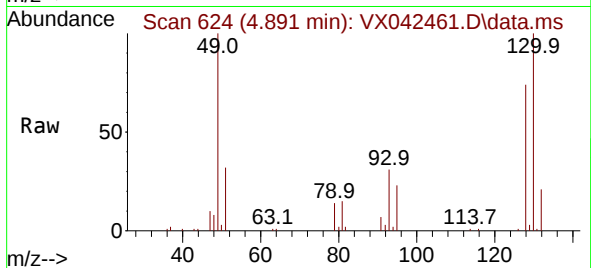
Reviewed By : John Carlone 07/24/2024
Supervised By : Mahesh Dadoda 07/24/2024





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

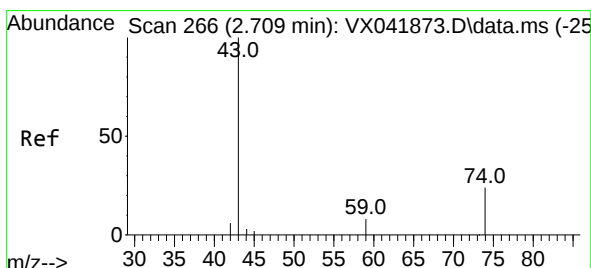
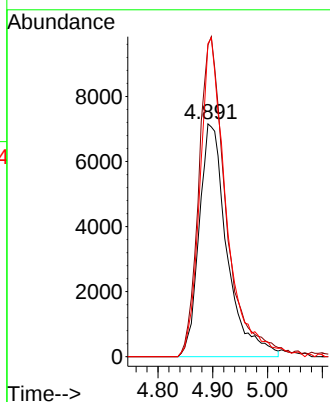
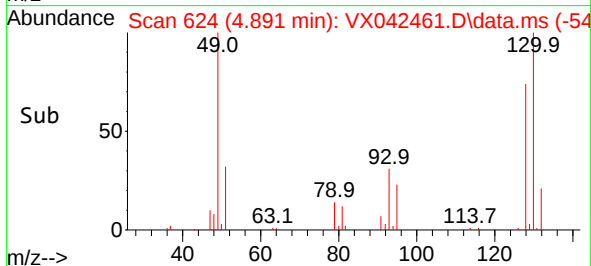
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



Tgt Ion:128 Resp: 2522
Ion Ratio Lower Upper
128 100
49 134.9 0.0 338.5
130 123.8 0.0 324.5

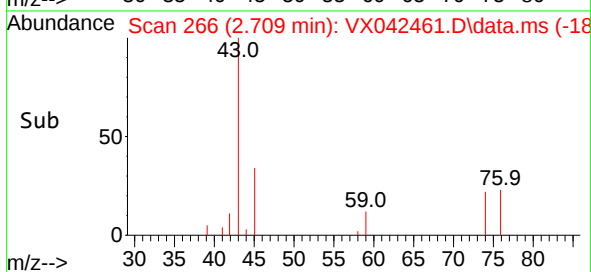
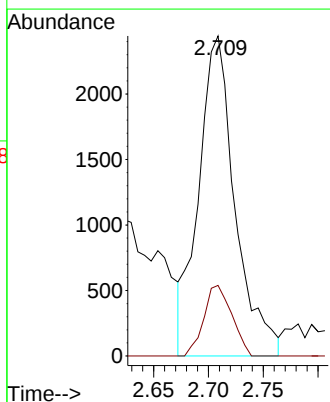
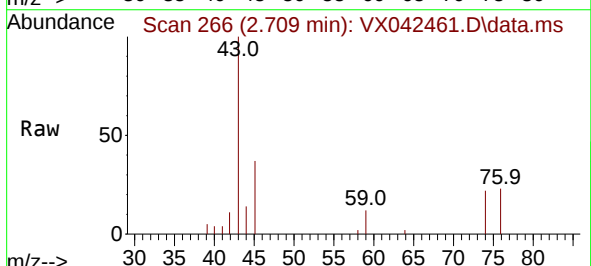
Manual Integrations
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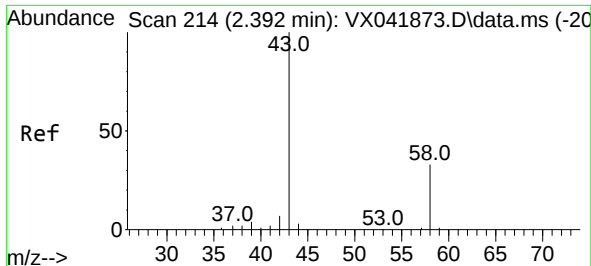
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#12
Methyl Acetate
Concen: 2.336 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Tgt Ion: 43 Resp: 5648
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.2





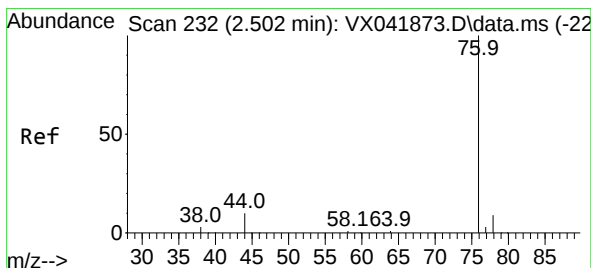
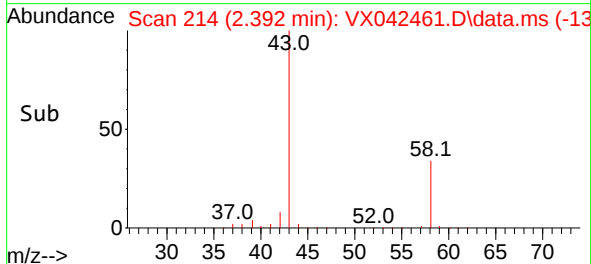
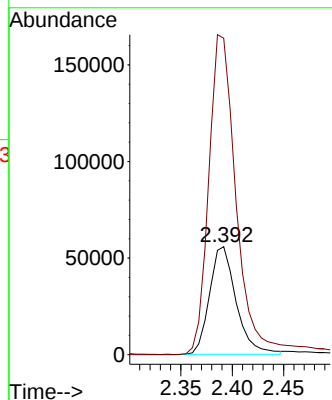
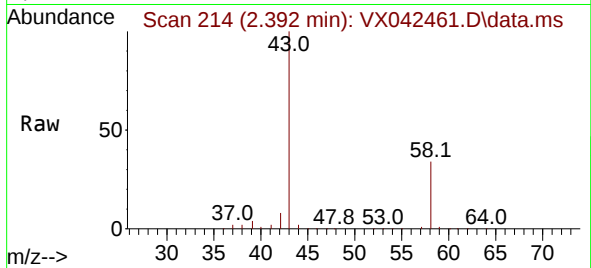
#15
Acetone
Concen: 372.651 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Instrument :
MSVOA_X
Client Sample Id :
001-Willets-Pt-Blvd(July)

Tgt Ion: 58 Resp: 10063
Ion Ratio Lower Upper
58 100
43 293.8 243.4 365.2

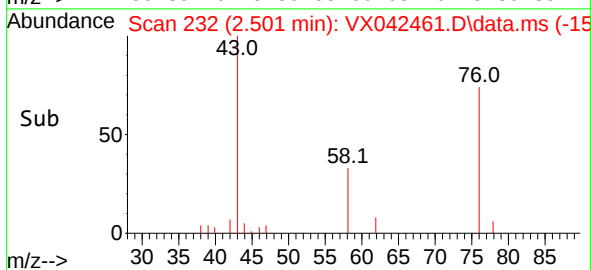
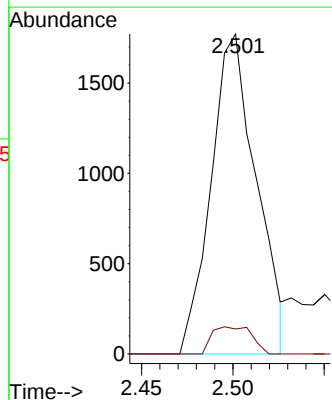
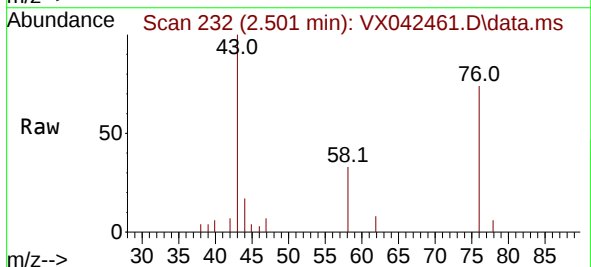
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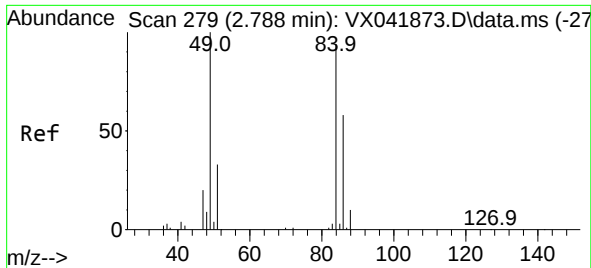
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Carbon Disulfide
Concen: 1.051 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

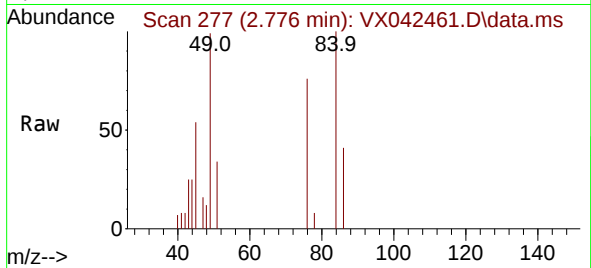
Tgt Ion: 76 Resp: 3055
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9





#18
Methylene Chloride
Concen: 1.128 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

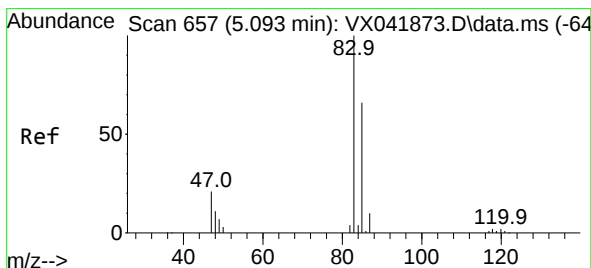
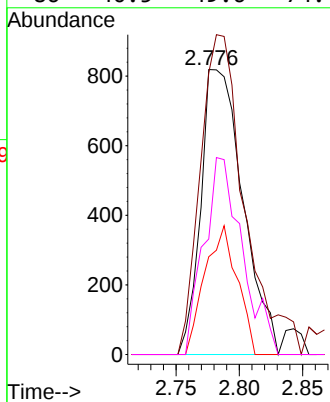
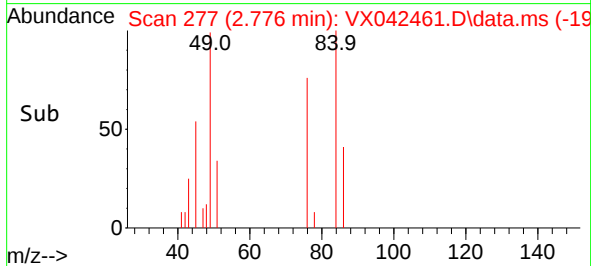
Instrument : MSVOA_X
Client Sample Id : 001-Willets-Pt-Blvd(July)



Tgt Ion: 84 Resp: 189
Ion Ratio Lower Upper
84 100
49 98.8 85.3 127.9
51 34.3 28.5 42.7
86 40.5 49.6 74.4#

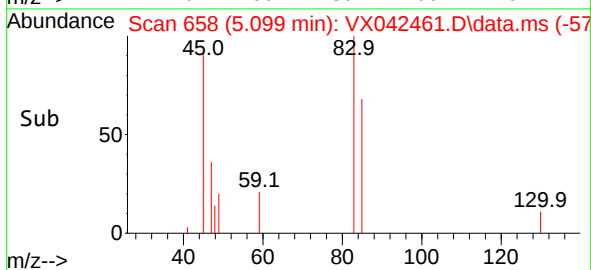
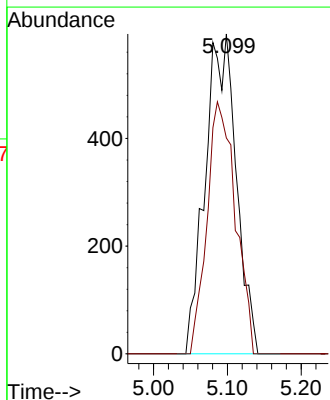
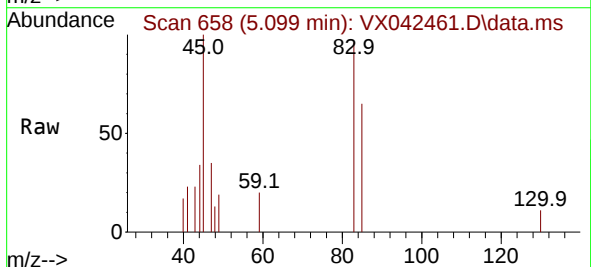
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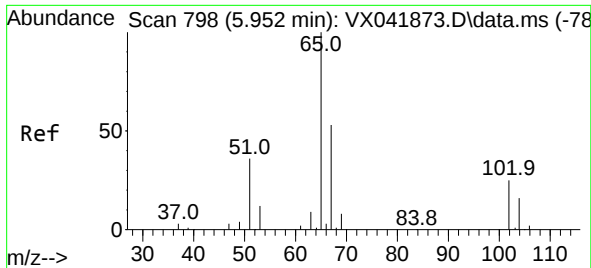
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#25
Chloroform
Concen: 0.601 ug/l m
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Tgt Ion: 83 Resp: 1739
Ion Ratio Lower Upper
83 100
85 67.5 52.7 79.1





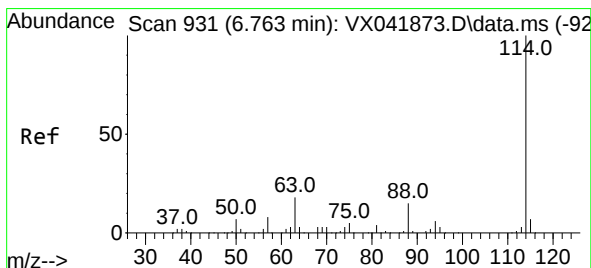
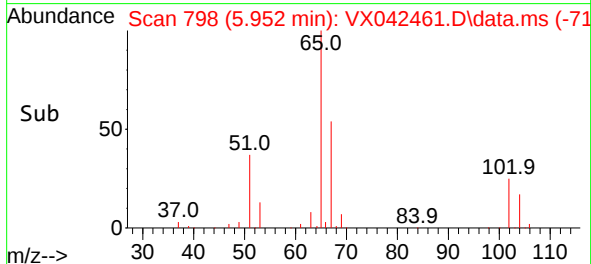
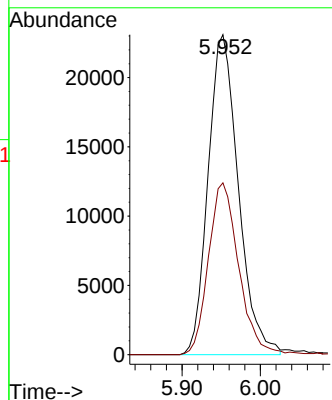
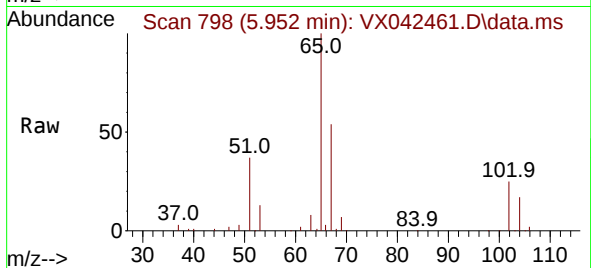
#27
1,2-Dichloroethane-d4
Concen: 34.290 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Instrument :
MSVOA_X
Client Sample Id :
001-Willets-Pt-Blvd(July)

Tgt Ion: 65 Resp: 61962
Ion Ratio Lower Upper
65 100
67 53.5 43.4 65.0

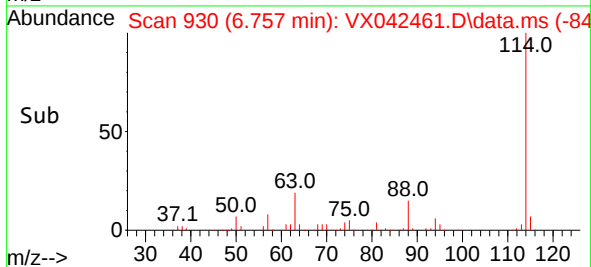
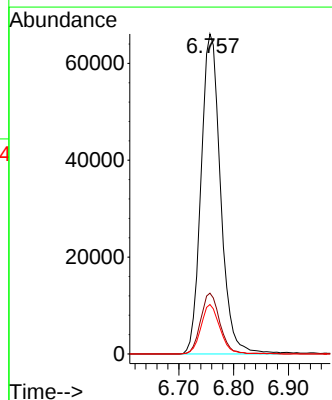
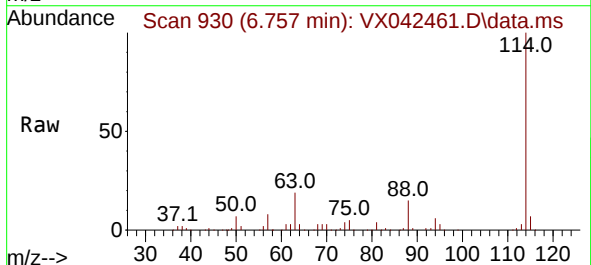
Manual Integrations
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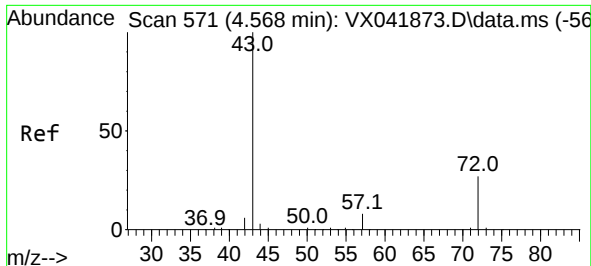
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

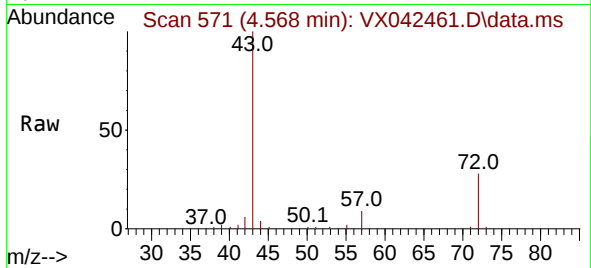
Tgt Ion:114 Resp: 163334
Ion Ratio Lower Upper
114 100
63 18.6 14.6 21.8
88 15.0 11.8 17.8





#30
2-Butanone
Concen: 26.796 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

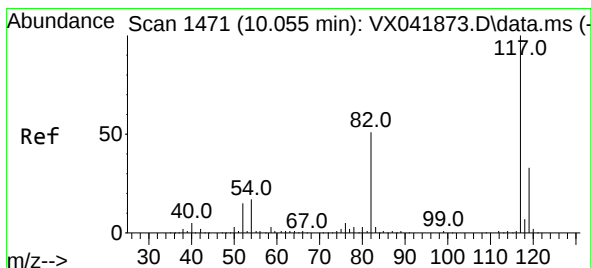
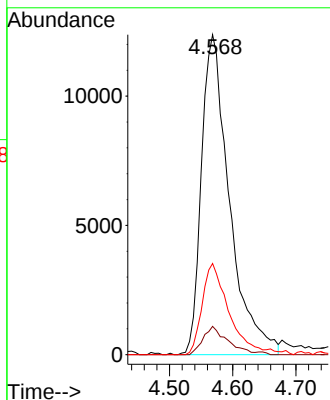
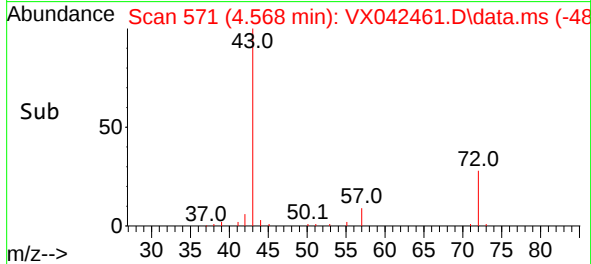
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



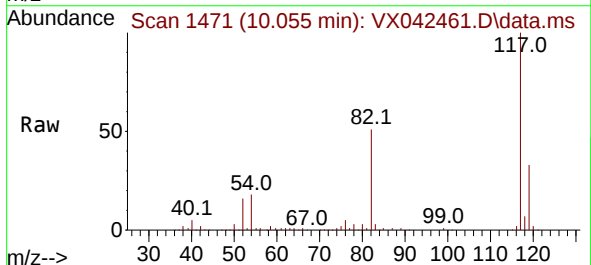
Tgt Ion: 43 Resp: 38104
Ion Ratio Lower Upper
43 100
57 7.8 6.5 9.7
72 26.7 22.0 33.0

Manual Integrations
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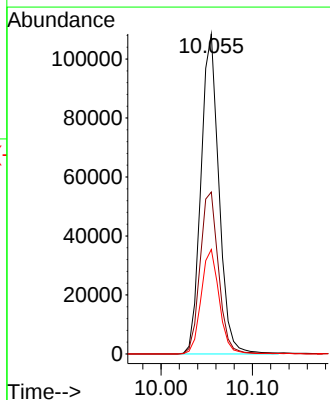
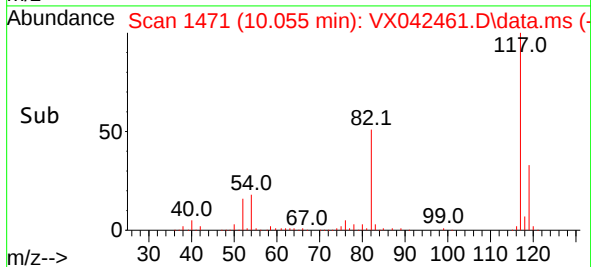
Reviewed By :John Carlone 07/24/2024
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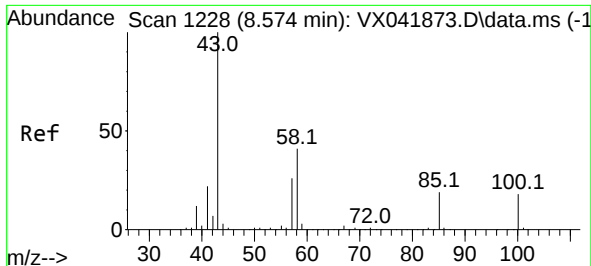


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42



Tgt Ion:117 Resp: 147910
Ion Ratio Lower Upper
117 100
82 51.9 41.1 61.7
119 32.8 26.1 39.1





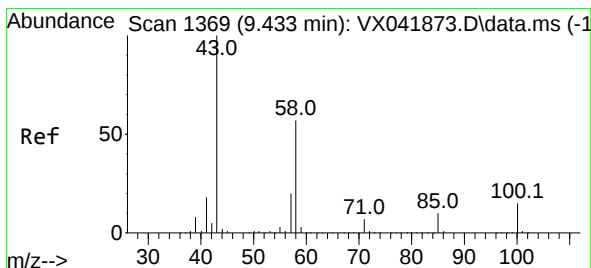
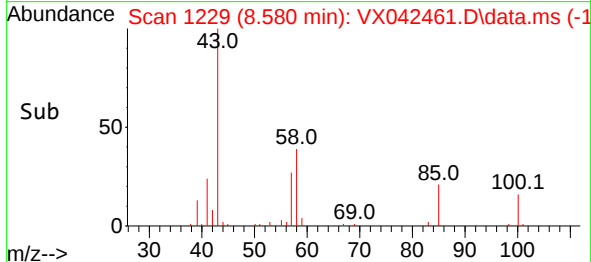
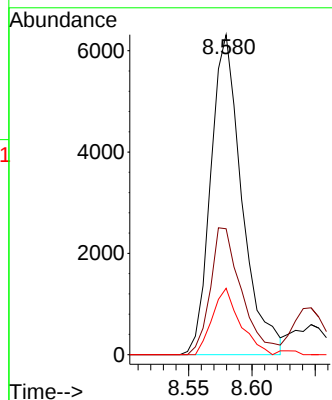
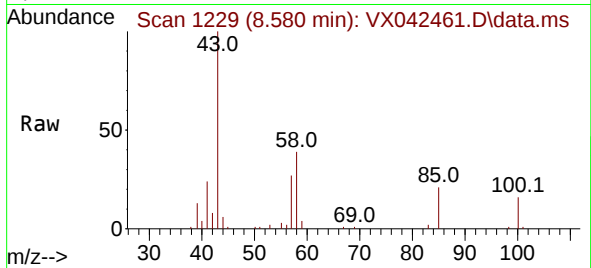
#58
4-Methyl-2-Pentanone
Concen: 4.149 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)

Tgt Ion: 43 Resp: 1081
Ion Ratio Lower Upper
43 100
58 40.0 33.2 49.8
85 18.4 15.5 23.3

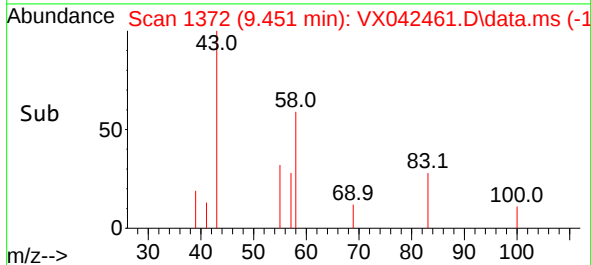
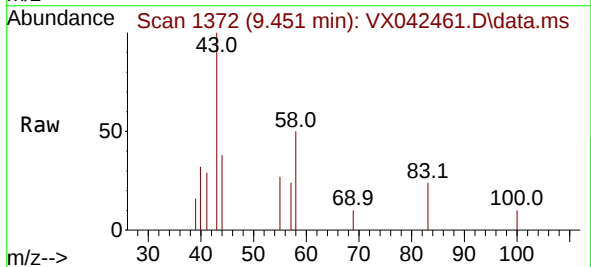
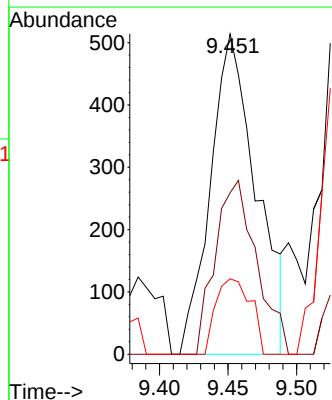
Manual Integrations
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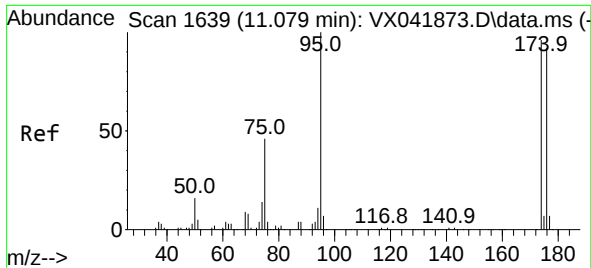
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#59
2-Hexanone
Concen: 0.587 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

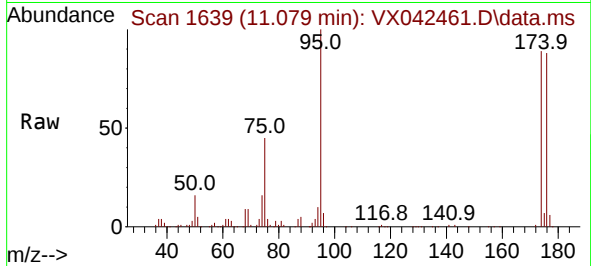
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
58 49.0 46.0 69.0
57 17.9 15.8 23.6





#60
4-Bromofluorobenzene
Concen: 28.486 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

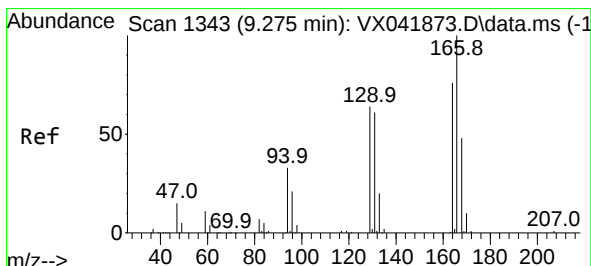
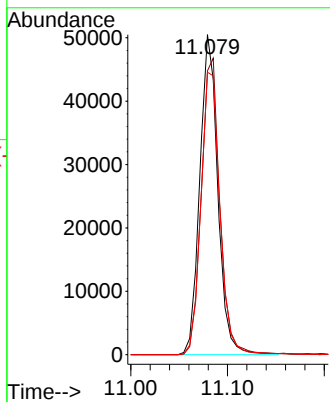
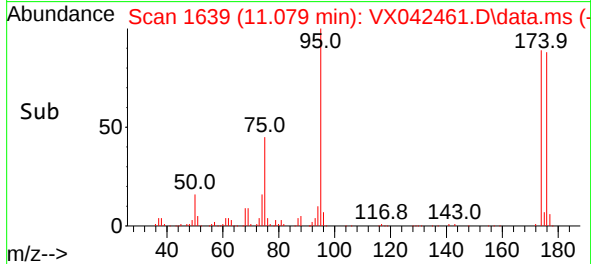
Instrument : MSVOA_X
ClientSampleId : 001-Willets-Pt-Blvd(July)



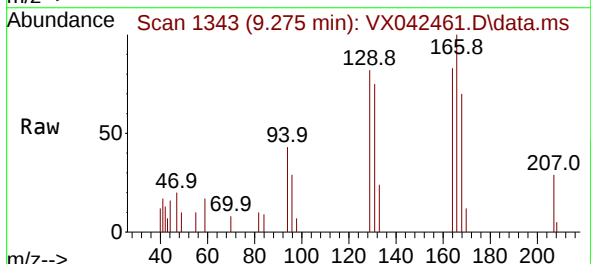
Tgt Ion: 95 Resp: 6555
Ion Ratio Lower Upper
95 100
174 95.6 78.9 118.3
176 93.3 77.1 115.7

Manual Integrations
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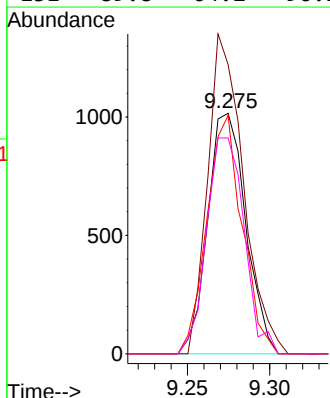
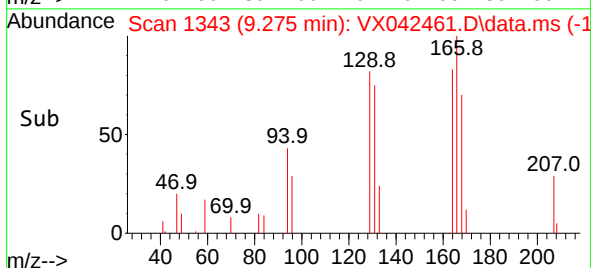
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

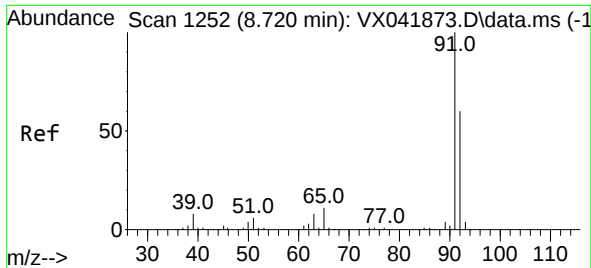


#61
Tetrachloroethene
Concen: 0.911 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42



Tgt Ion:164 Resp: 1634
Ion Ratio Lower Upper
164 100
166 120.2 105.0 157.6
129 99.1 67.1 100.7
131 89.8 64.2 96.2





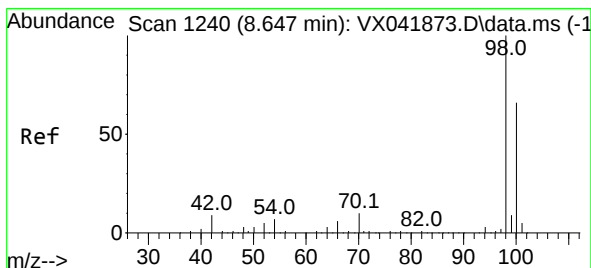
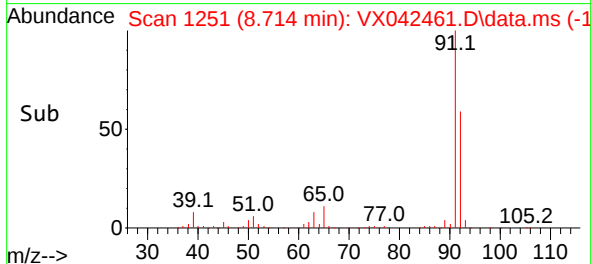
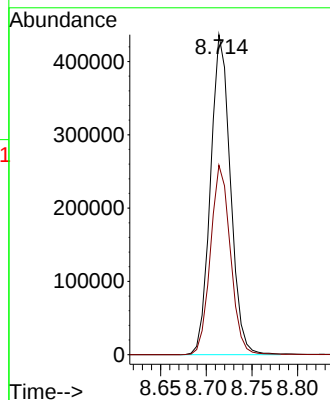
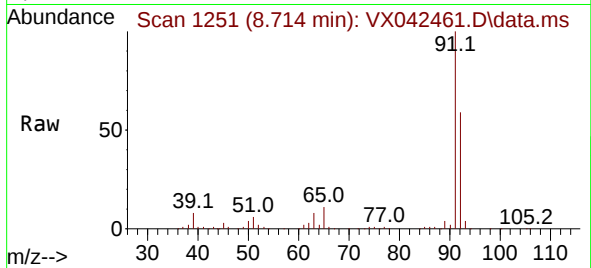
#62
Toluene
Concen: 89.272 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)

Tgt Ion: 91 Resp: 660140
Ion Ratio Lower Upper
91 100
92 59.4 47.4 71.2

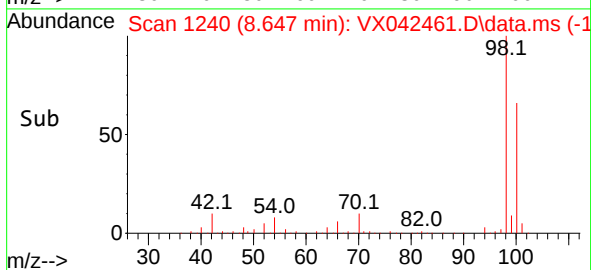
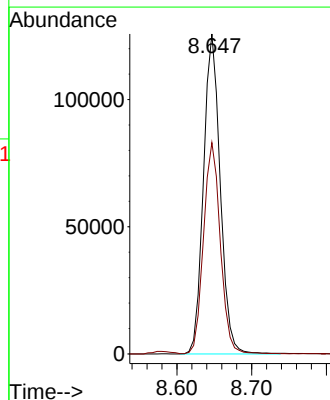
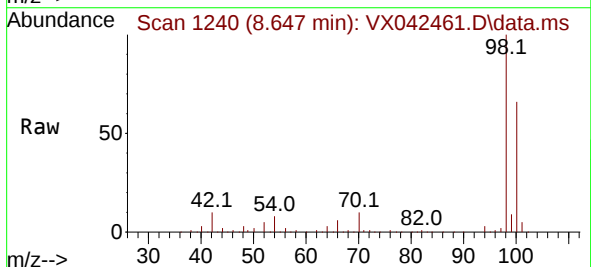
Manual Integrations
APPROVED

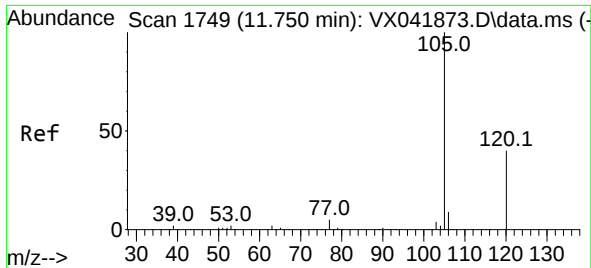
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#63
Toluene-d8
Concen: 30.479 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

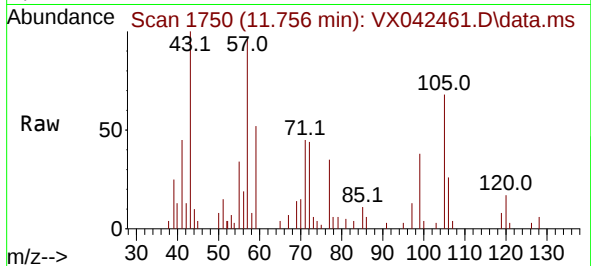
Tgt Ion: 98 Resp: 195838
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1





#80
1,2,4-Trimethylbenzene
Concen: 0.438 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42

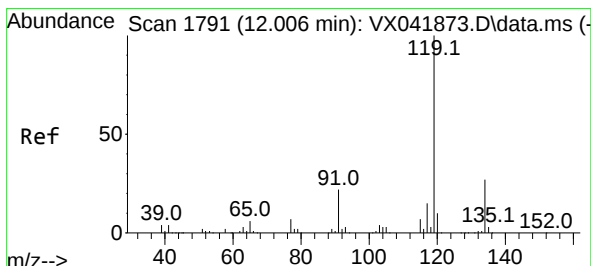
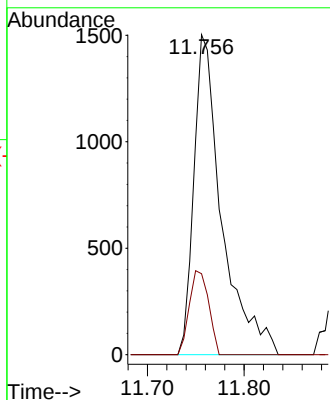
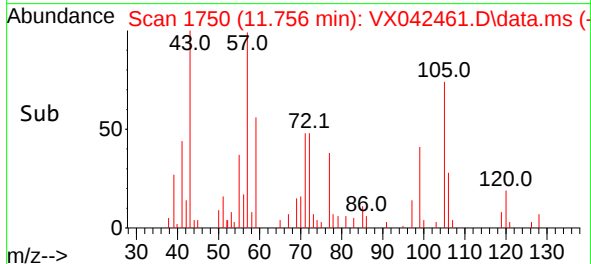
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



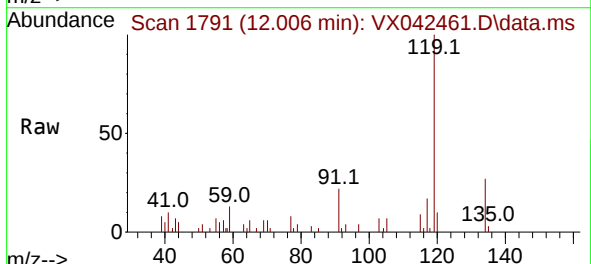
Tgt Ion:105 Resp: 3010
Ion Ratio Lower Upper
105 100
120 18.2 0.0 96.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#82
p-Isopropyltoluene
Concen: 0.558 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX042461.D
Acq: 23 Jul 2024 10:42



Tgt Ion:119 Resp: 4168
Ion Ratio Lower Upper
119 100
134 25.6 0.0 54.0
91 21.8 0.0 42.2

