

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
 Data File : VX042559.D
 Acq On : 25 Jul 2024 11:34
 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 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 26 01:34:29 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	20771m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	111227	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	103036	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	42409	28.504	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.000%		
60) 4-Bromofluorobenzene	11.079	95	44013	27.454	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	91.500%		
63) Toluene-d8	8.647	98	131709	29.426	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.100%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	2.709	43	3736	1.877	ug/l #	87
15) Acetone	2.385	58	84265	378.988	ug/l	97
16) Carbon Disulfide	2.501	76	2456	1.026	ug/l #	93
18) Methylene Chloride	2.782	84	1915	1.385	ug/l	91
25) Chloroform	5.092	83	1586	0.666	ug/l	97
30) 2-Butanone	4.568	43	32371	33.429	ug/l #	96
58) 4-Methyl-2-Pentanone	8.579	43	6892	3.795	ug/l	97
62) Toluene	8.714	91	472042	91.636	ug/l	100
80) 1,2,4-Trimethylbenzene	11.756	105	2065	0.431	ug/l	57
82) p-Isopropyltoluene	12.006	119	2743	0.527	ug/l	96

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

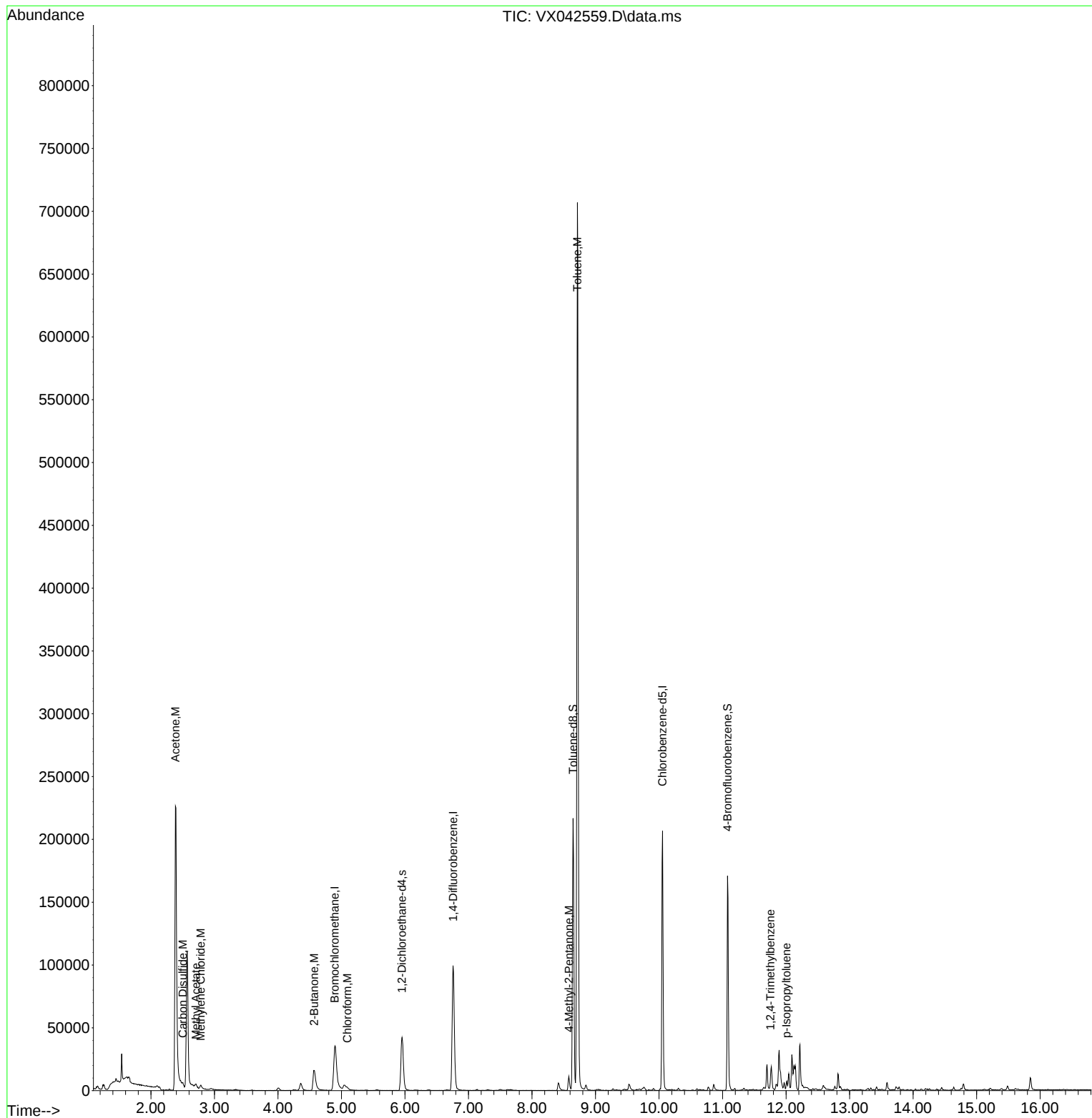
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072624\
Data File : VX042559.D
Acq On : 25 Jul 2024 11:34
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ALS Vial : 6 Sample Multiplier: 1

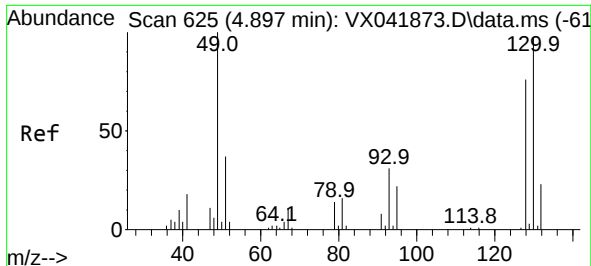
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)

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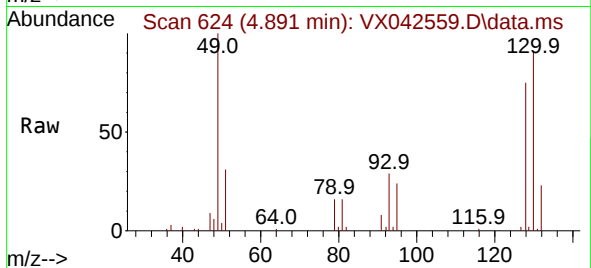
Quant Time: Jul 26 01:34:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X071924W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 11:30:14 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.891 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

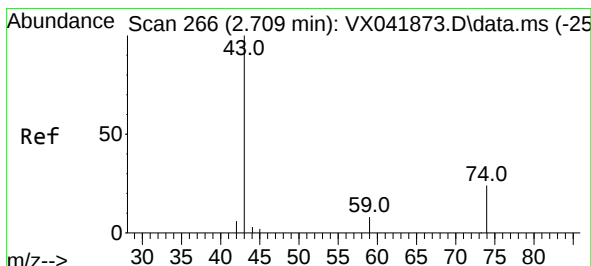
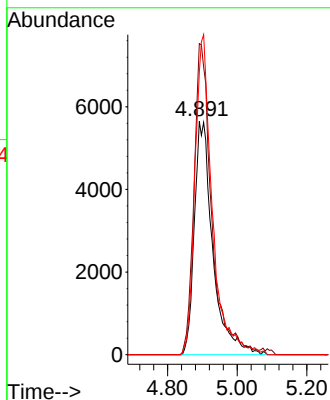
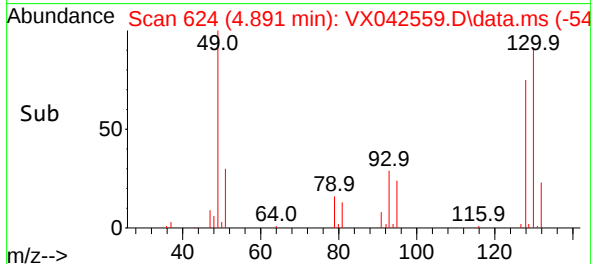
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



Tgt Ion:128 Resp: 2077
Ion Ratio Lower Upper
128 100
49 122.9 0.0 338.5
130 127.7 0.0 324.5

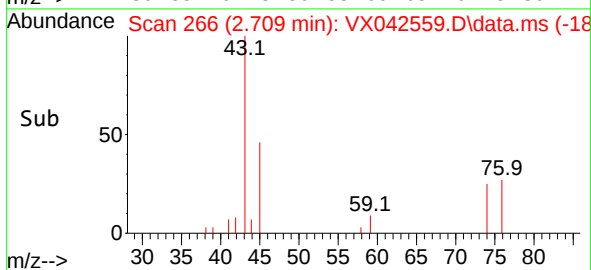
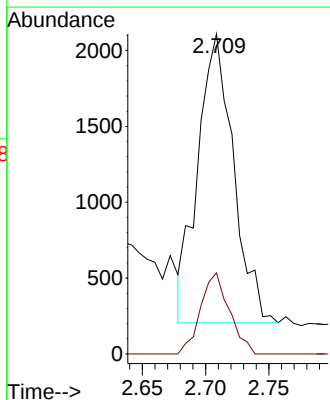
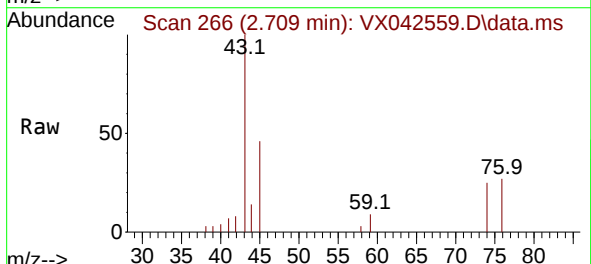
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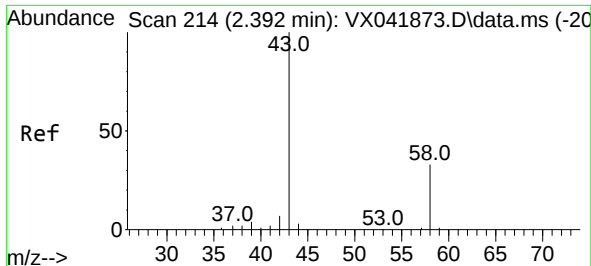
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#12
Methyl Acetate
Concen: 1.877 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

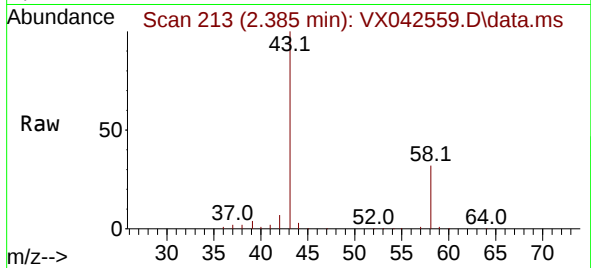
Tgt Ion: 43 Resp: 3736
Ion Ratio Lower Upper
43 100
74 30.7 19.4 29.2#





#15
Acetone
Concen: 378.988 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

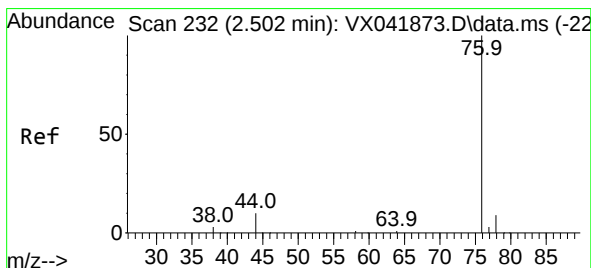
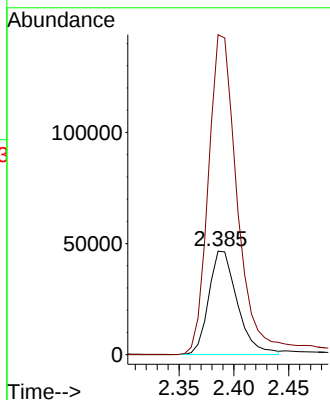
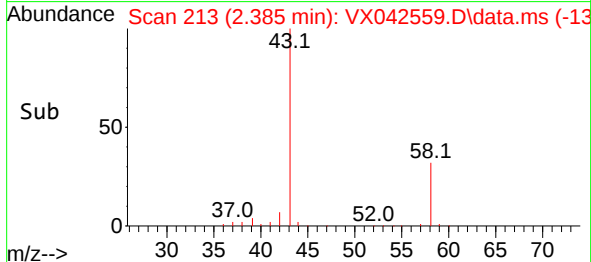
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



Tgt Ion: 58 Resp: 8426
Ion Ratio Lower Upper
58 100
43 309.7 243.4 365.2

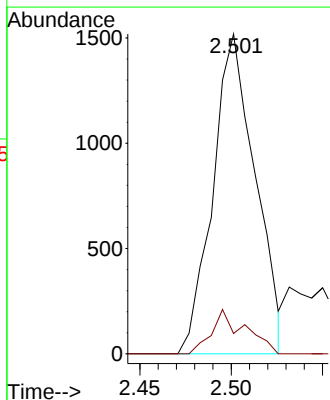
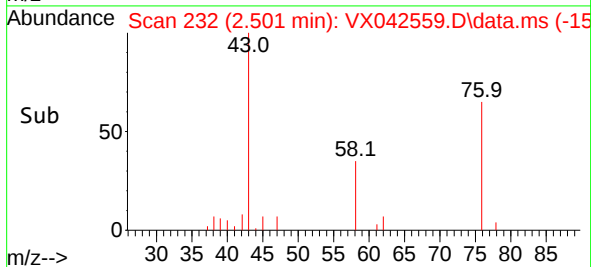
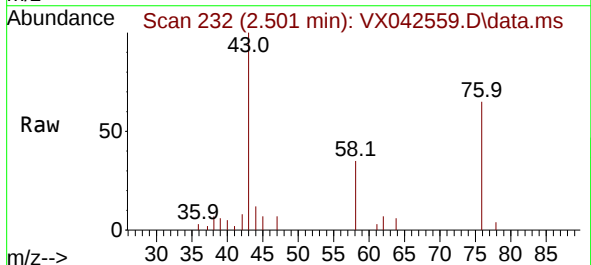
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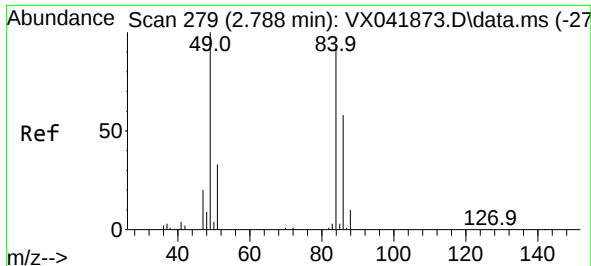
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#16
Carbon Disulfide
Concen: 1.026 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

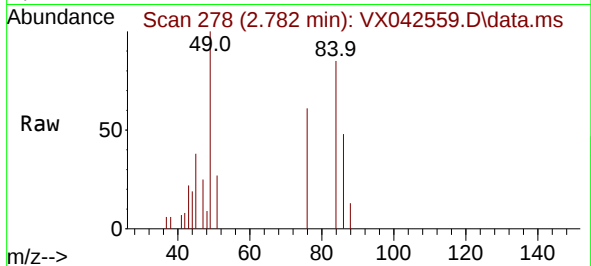
Tgt Ion: 76 Resp: 2456
Ion Ratio Lower Upper
76 100
78 6.4 7.3 10.9#





#18
Methylene Chloride
Concen: 1.385 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

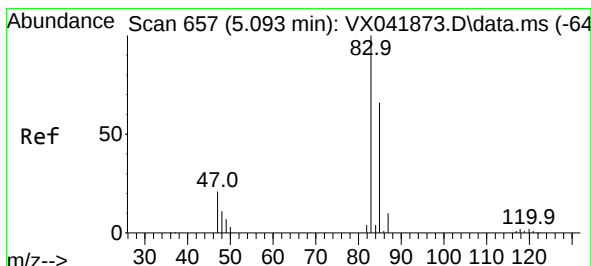
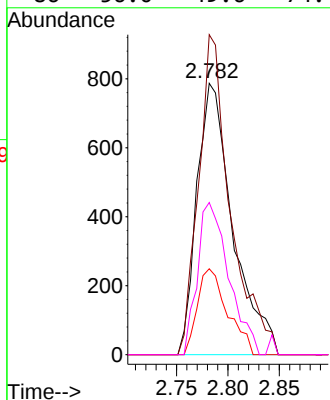
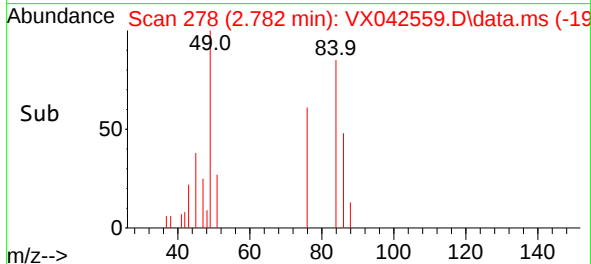
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



Tgt Ion:	84	Resp:	191
Ion	Ratio	Lower	Upper
84	100		
49	117.9	85.3	127.9
51	31.6	28.5	42.7
86	56.0	49.6	74.4

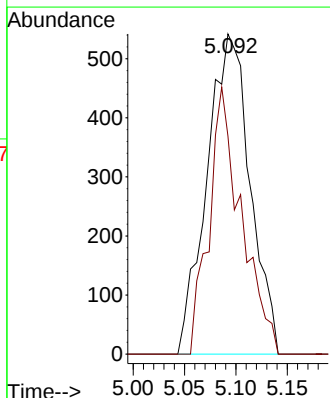
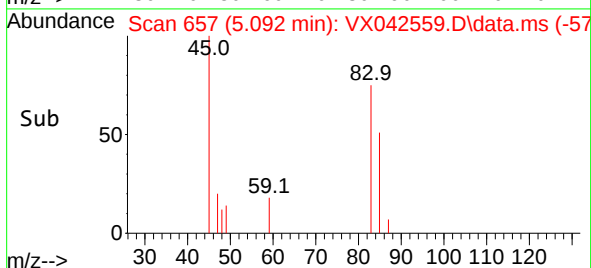
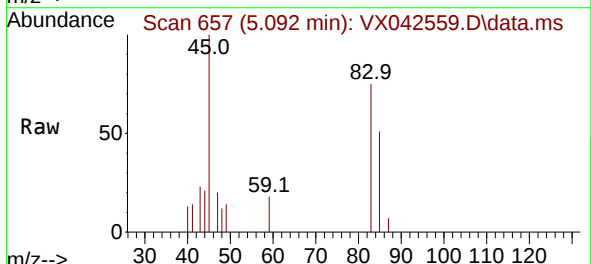
Manual Integrations
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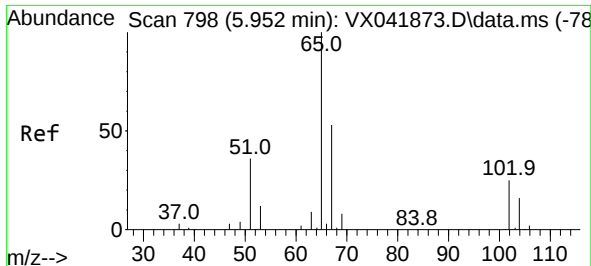
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#25
Chloroform
Concen: 0.666 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

Tgt Ion:	83	Resp:	1586
Ion	Ratio	Lower	Upper
83	100		
85	68.1	52.7	79.1





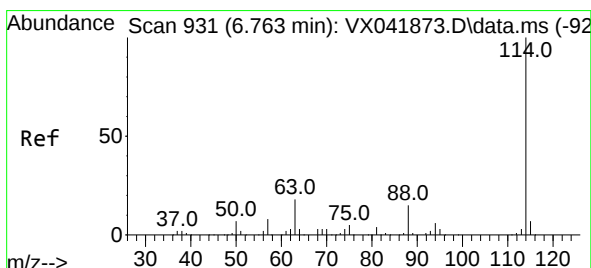
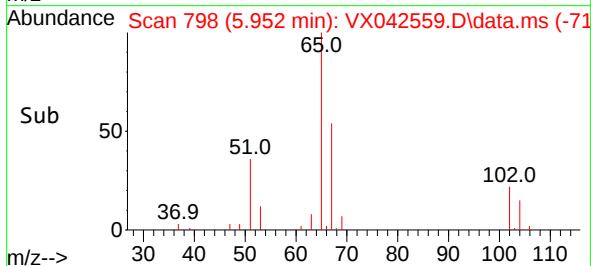
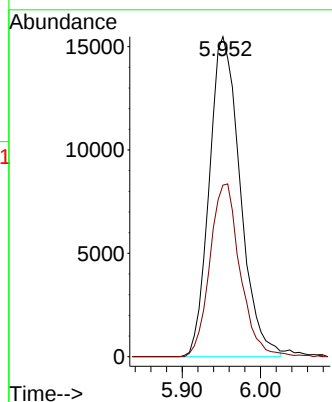
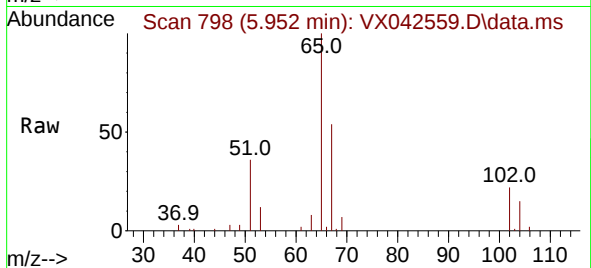
#27
 1,2-Dichloroethane-d4
 Concen: 28.504 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX042559.D
 Acq: 25 Jul 2024 11:34

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

Tgt Ion: 65 Resp: 42409
 Ion Ratio Lower Upper
 65 100
 67 53.0 43.4 65.0

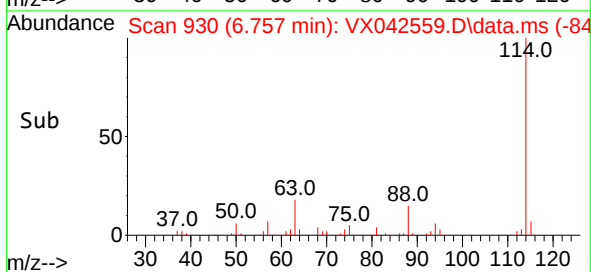
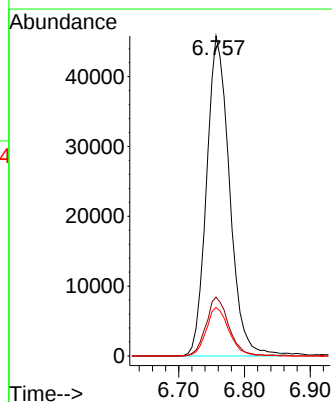
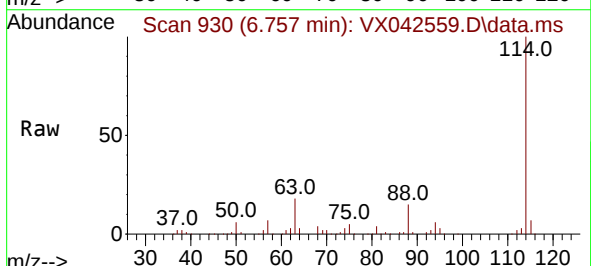
Manual Integrations
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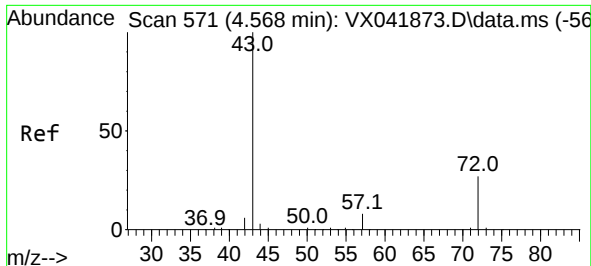
Reviewed By :John Carlone 07/26/2024
 Supervised By :Mahesh Dadoda 07/26/2024



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX042559.D
 Acq: 25 Jul 2024 11:34

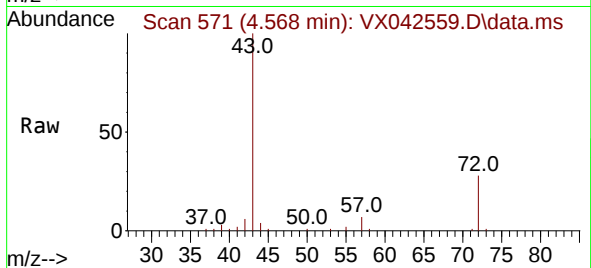
Tgt Ion:114 Resp: 111227
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 15.1 11.8 17.8





#30
2-Butanone
Concen: 33.429 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

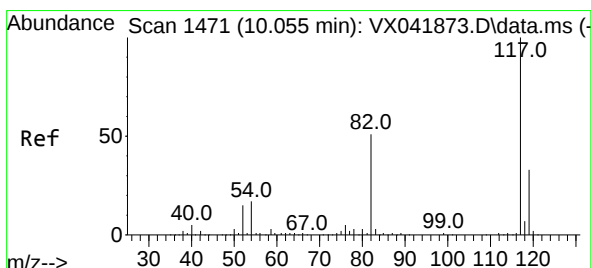
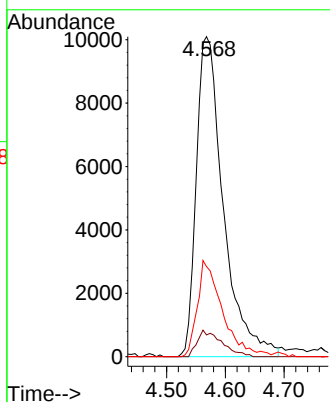
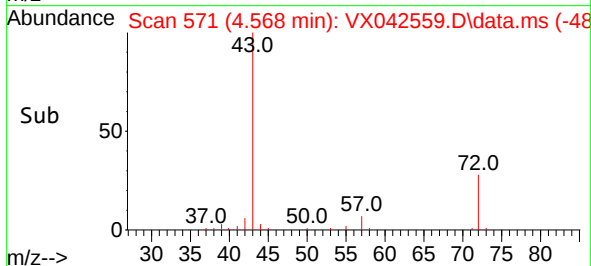
Instrument :
MSVOA_X
ClientSampleId :
001-Willets-Pt-Blvd(July)



Tgt Ion: 43 Resp: 3237
Ion Ratio Lower Upper
43 100
57 3.1 6.5 9.7
72 27.1 22.0 33.0

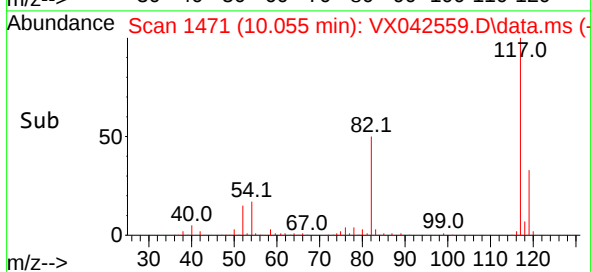
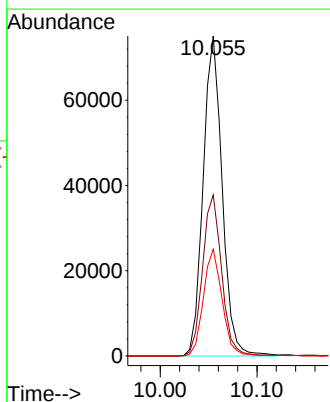
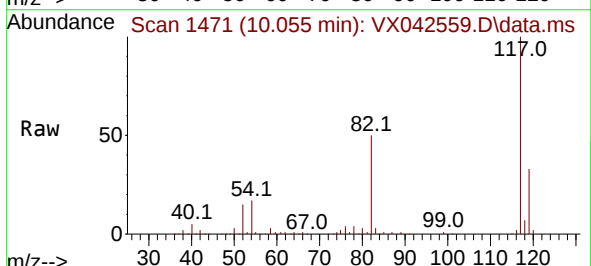
Manual Integrations
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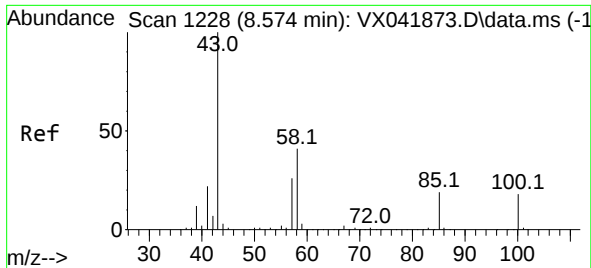
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

Tgt Ion:117 Resp: 103036
Ion Ratio Lower Upper
117 100
82 50.6 41.1 61.7
119 32.8 26.1 39.1





#58

4-Methyl-2-Pentanone

Concen: 3.795 ug/l

RT: 8.579 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX042559.D

Acq: 25 Jul 2024 11:34

Instrument :

MSVOA_X

ClientSampleId :

001-Willets-Pt-Blvd(July)

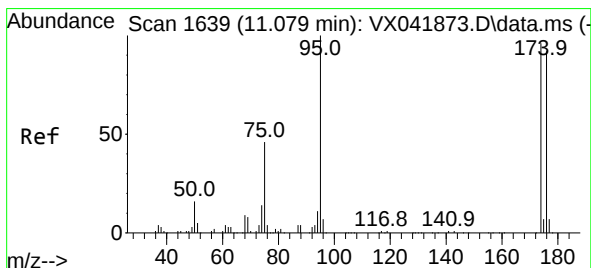
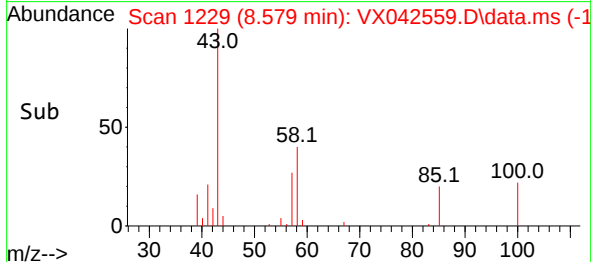
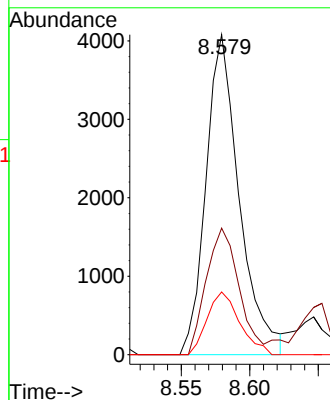
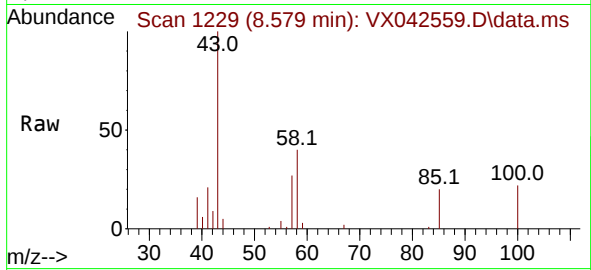
Tgt Ion:	43	Resp:	689
Ion	Ratio	Lower	Upper
43	100		
58	38.9	33.2	49.8
85	19.2	15.5	23.3

Manual Integrations

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Reviewed By :John Carlone 07/26/2024

Supervised By :Mahesh Dadoda 07/26/2024



#60

4-Bromofluorobenzene

Concen: 27.454 ug/l

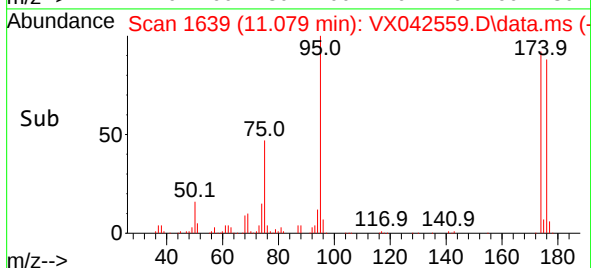
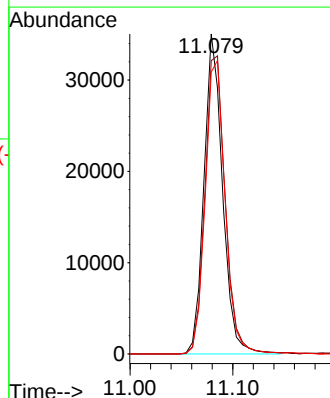
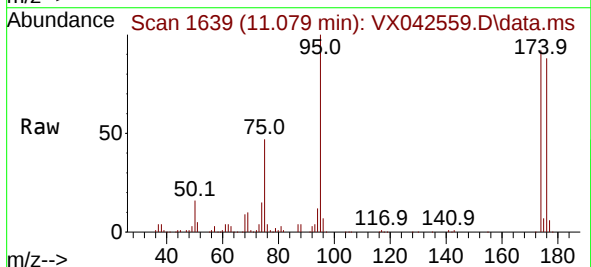
RT: 11.079 min Scan# 1639

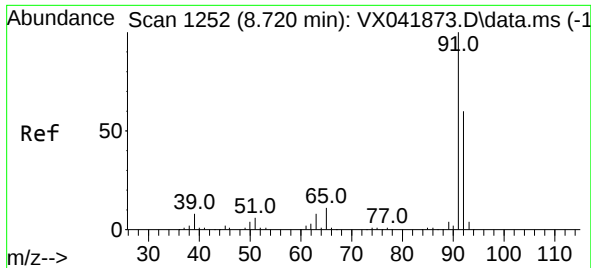
Delta R.T. -0.000 min

Lab File: VX042559.D

Acq: 25 Jul 2024 11:34

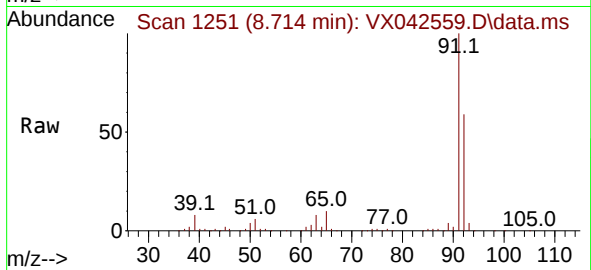
Tgt Ion:	95	Resp:	44013
Ion	Ratio	Lower	Upper
95	100		
174	102.2	78.9	118.3
176	98.2	77.1	115.7





#62
Toluene
Concen: 91.636 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

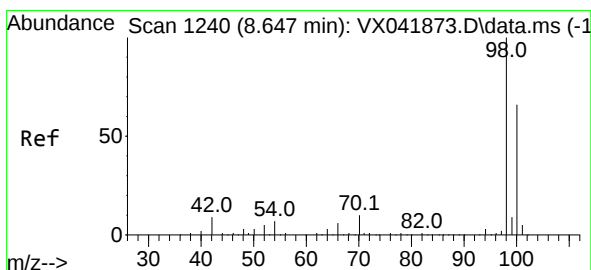
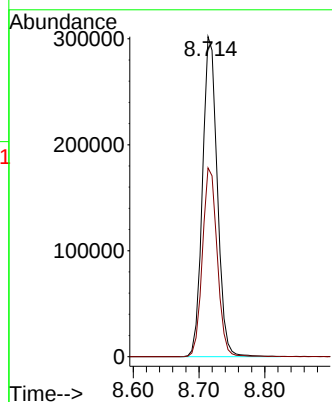
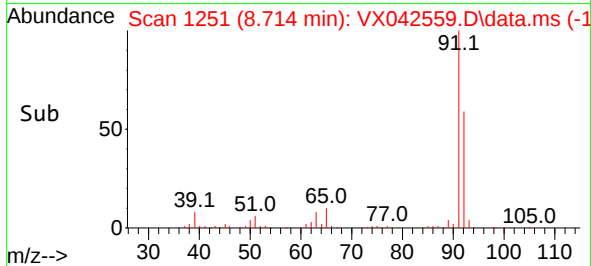
Instrument :
MSVOA_X
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001-Willets-Pt-Blvd(July)



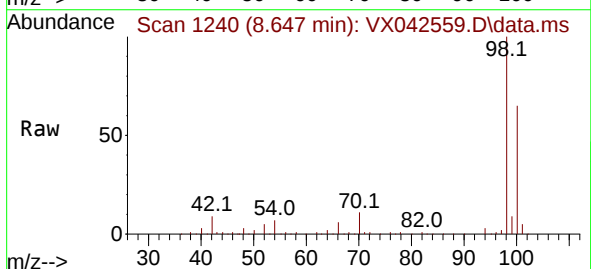
Tgt Ion: 91 Resp: 47204
Ion Ratio Lower Upper
91 100
92 59.0 47.4 71.2

Manual Integrations
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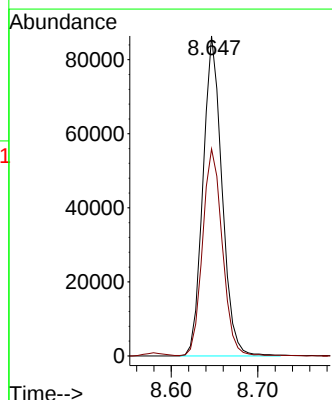
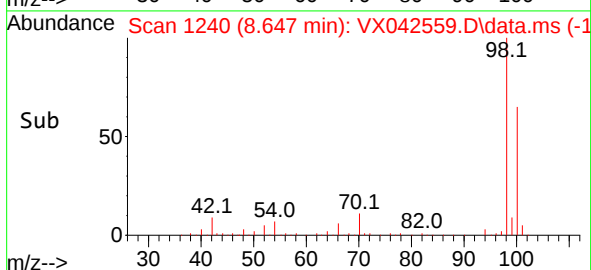
Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024

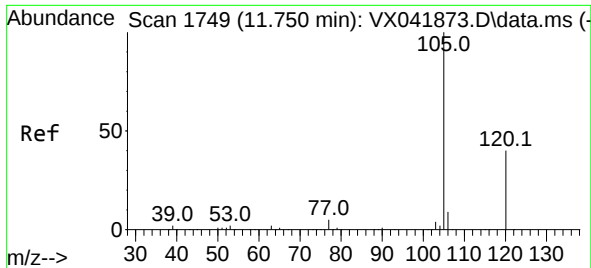


#63
Toluene-d8
Concen: 29.426 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34



Tgt Ion: 98 Resp: 131709
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1





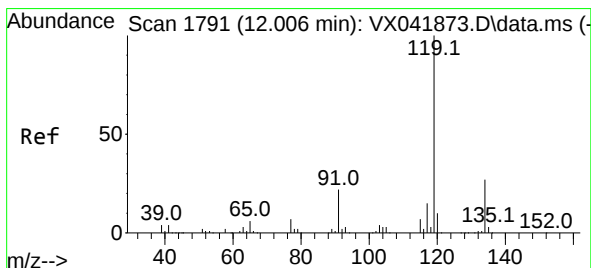
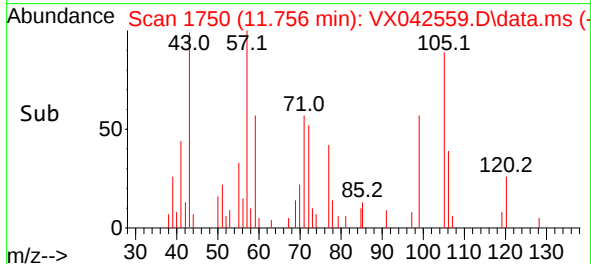
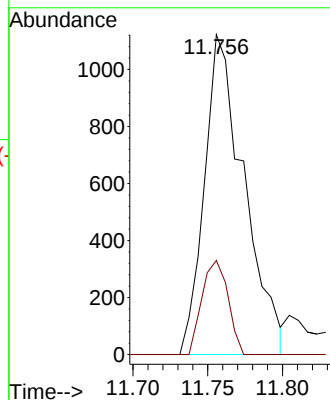
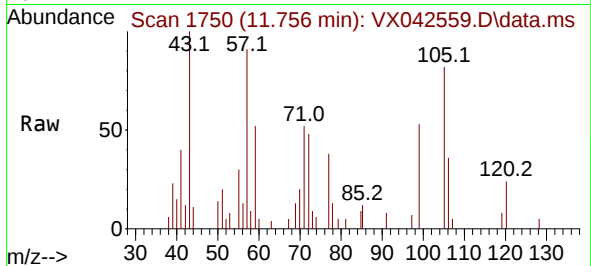
#80
1,2,4-Trimethylbenzene
Concen: 0.431 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

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

Tgt Ion:105 Resp: 206
Ion Ratio Lower Upper
105 100
120 19.3 0.0 96.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/26/2024
Supervised By :Mahesh Dadoda 07/26/2024



#82
p-Isopropyltoluene
Concen: 0.527 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX042559.D
Acq: 25 Jul 2024 11:34

Tgt Ion:119 Resp: 2743
Ion Ratio Lower Upper
119 100
134 26.9 0.0 54.0
91 24.9 0.0 42.2

