

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
 Data File : VX036869.D
 Acq On : 08 Aug 2023 17:15
 Operator : JC/MD
 Sample : 03903-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09W

Quant Time: Aug 09 04:17:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/09/2023
 Supervised By : Semsettin Yesilyurt 08/09/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	115727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212671	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104784	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81282	47.468	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.385	113	68370	46.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	8.647	98	257466	49.667	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.340%		
62) 4-Bromofluorobenzene	11.085	95	108410	55.431	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.860%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	47789	67.255	ug/l #	89
17) Carbon Disulfide	2.508	76	2820	0.788	ug/l #	88
25) 2-Butanone	4.562	43	21593	18.730	ug/l #	88
31) Cyclohexane	5.477	56	263808	111.269	ug/l #	90
39) Methylcyclohexane	7.379	83	345937	127.689	ug/l	98
40) Benzene	6.044	78	14072	2.220	ug/l	96
52) Toluene	8.720	92	39644	9.981	ug/l	97
67) Ethyl Benzene	10.208	91	16052202	2025.477	ug/l #	58
68) m/p-Xylenes	10.323	106	14864264	5026.889	ug/l #	63
69) o-Xylene	10.646	106	1431379	484.959	ug/l	94
73) Isopropylbenzene	10.964	105	2739283	315.884	ug/l	96
78) n-propylbenzene	11.311	91	7888330	786.550	ug/l	88
80) 1,3,5-Trimethylbenzene	11.463	105	9813375	1352.710	ug/l	83
84) 1,2,4-Trimethylbenzene	11.774	105	20613306	2841.179	ug/l	67
85) sec-Butylbenzene	11.896	105	391894m	44.093	ug/l	
86) p-Isopropyltoluene	12.018	119	184372m	25.210	ug/l	
89) n-Butylbenzene	12.323	91	1113145	170.029	ug/l #	18
91) 1,2-Dichlorobenzene	12.341	146	893	0.253	ug/l	93
95) Naphthalene	13.786	128	12700042	1675.900	ug/l #	83

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

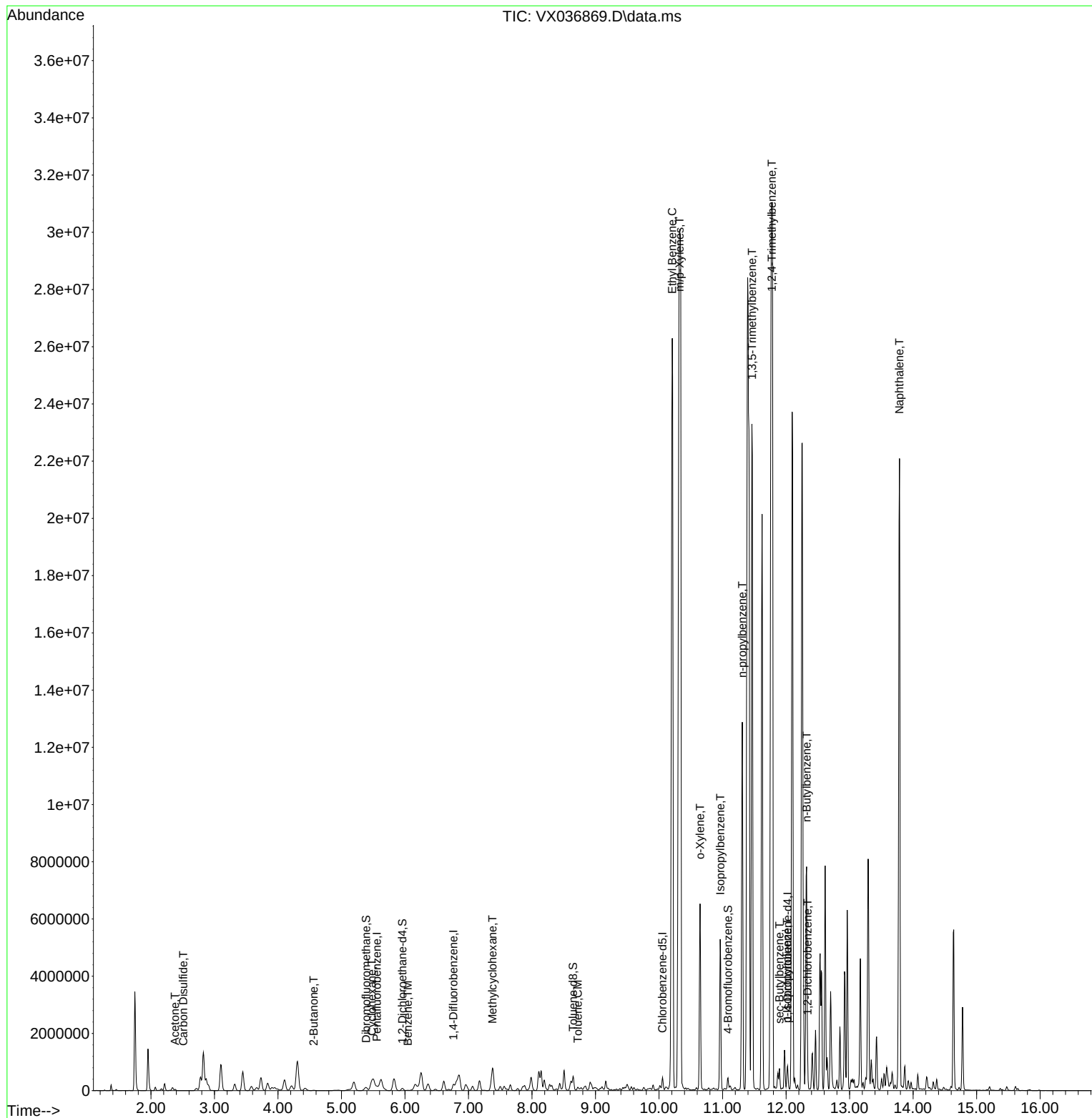
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080823\
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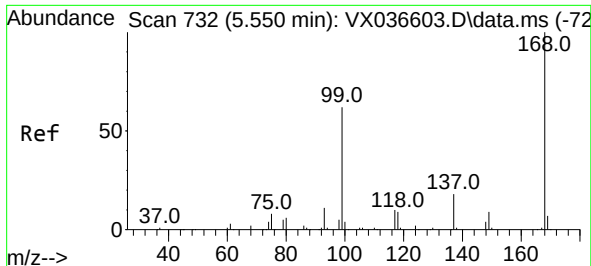
Instrument :
MSVOA_X
ClientSampleId :
MW-09W

Quant Time: Aug 09 04:17:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

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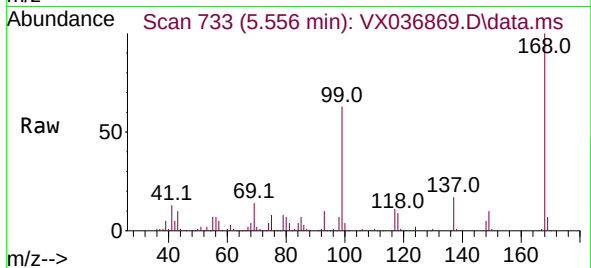
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

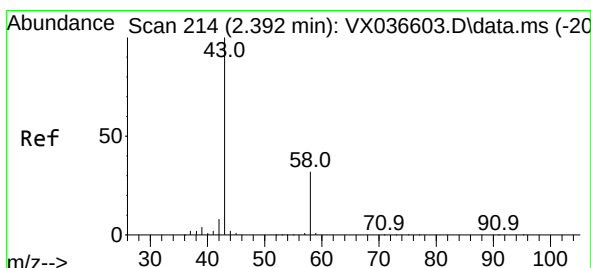
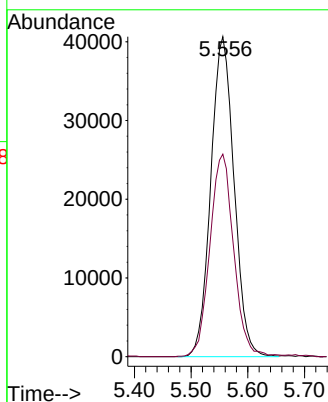
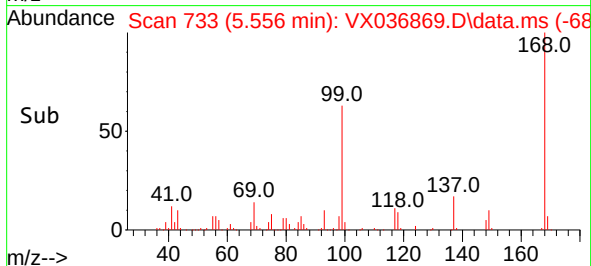
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



Tgt Ion:168 Resp: 11572
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0

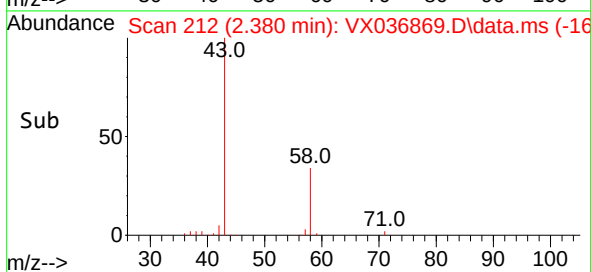
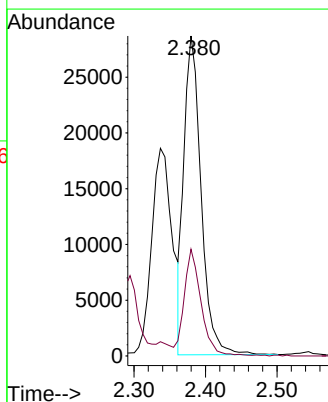
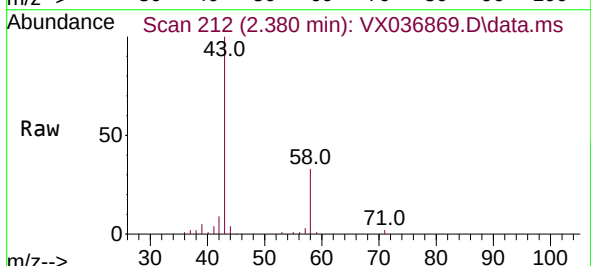
Manual Integrations
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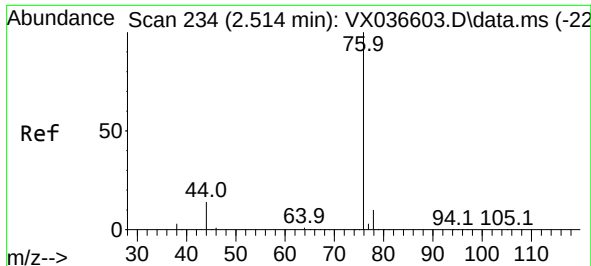
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#16
Acetone
Concen: 67.255 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

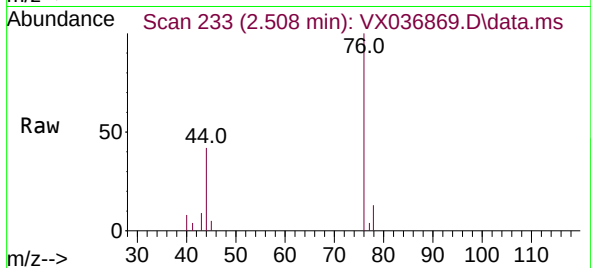
Tgt Ion: 43 Resp: 47789
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#





#17
Carbon Disulfide
Concen: 0.788 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

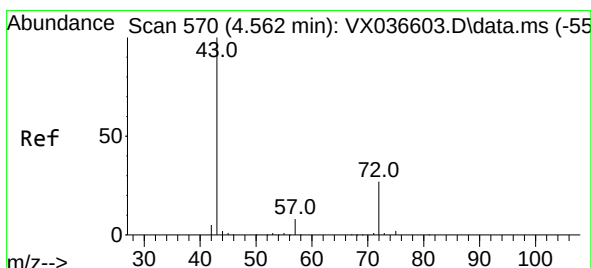
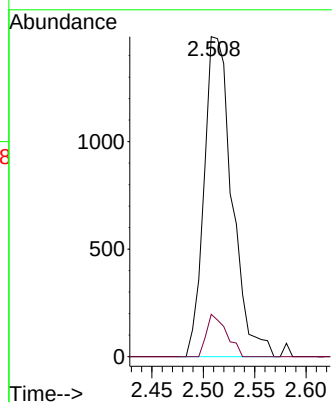
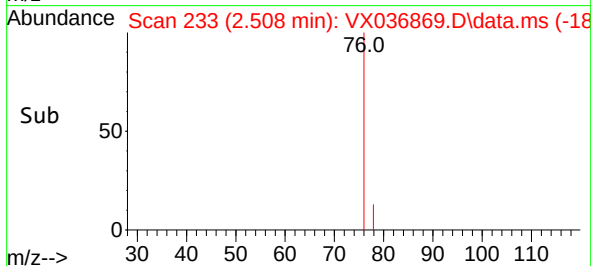
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



Tgt Ion: 76 Resp: 2820
Ion Ratio Lower Upper
76 100
78 13.2 7.0 10.6

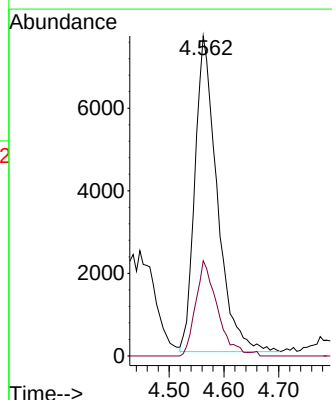
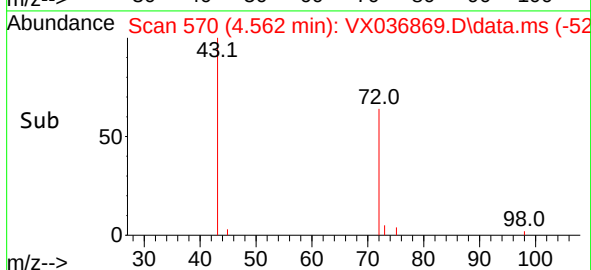
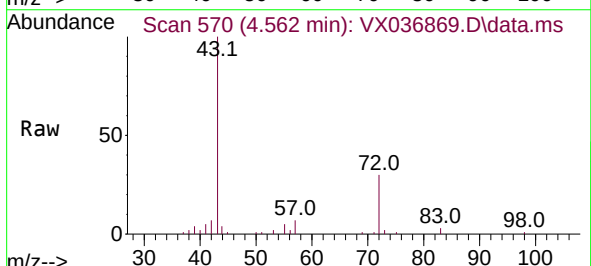
Manual Integrations
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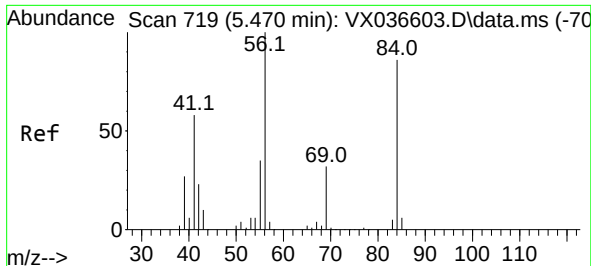
Reviewed By :John Carlone 08/09/2023
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#25
2-Butanone
Concen: 18.730 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

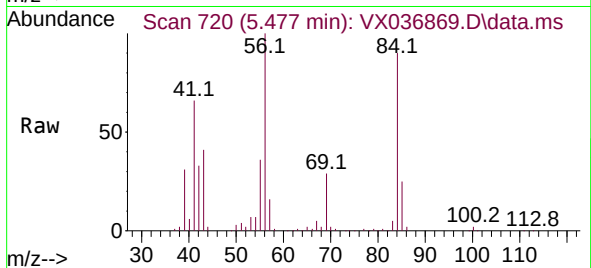
Tgt Ion: 43 Resp: 21593
Ion Ratio Lower Upper
43 100
72 30.2 19.4 29.2#





#31
Cyclohexane
Concen: 111.269 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

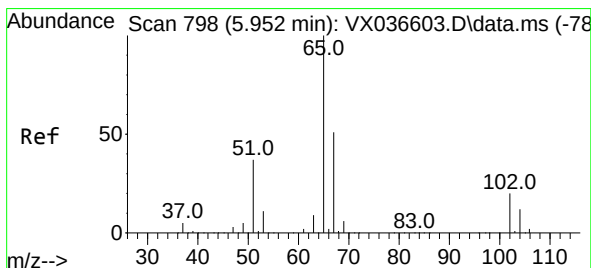
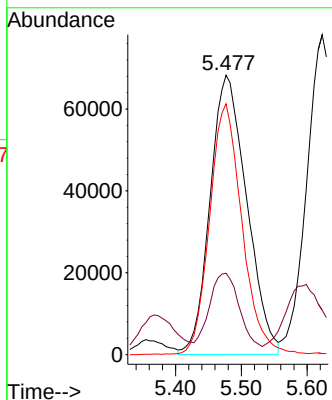
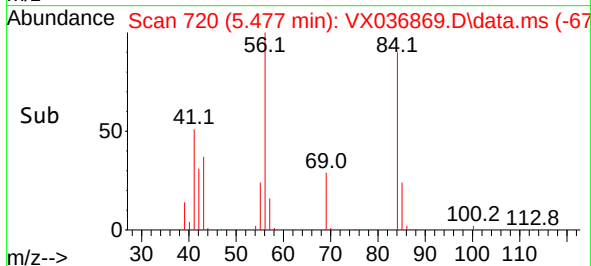
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



Tgt Ion: 56 Resp: 263808
Ion Ratio Lower Upper
56 100
69 22.2 23.4 35.2
84 90.9 65.9 98.9

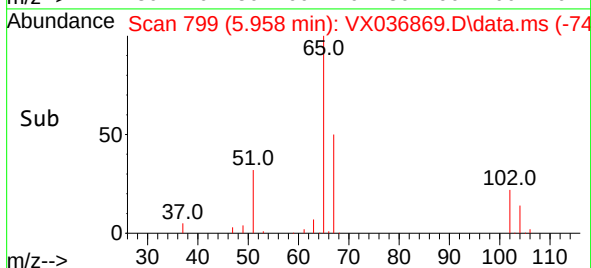
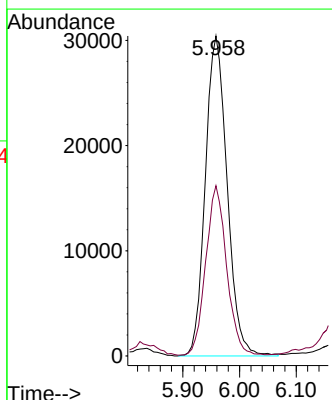
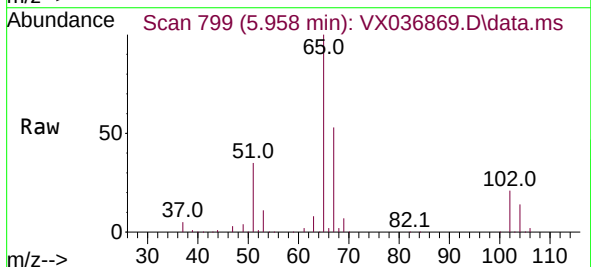
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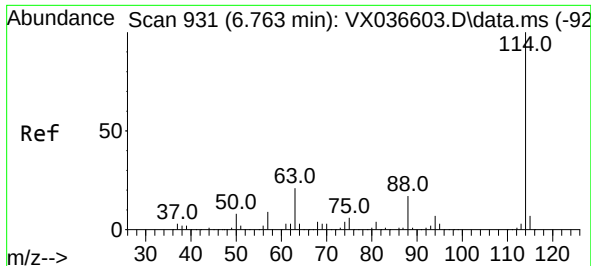
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#33
1,2-Dichloroethane-d4
Concen: 47.468 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Tgt Ion: 65 Resp: 81282
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2





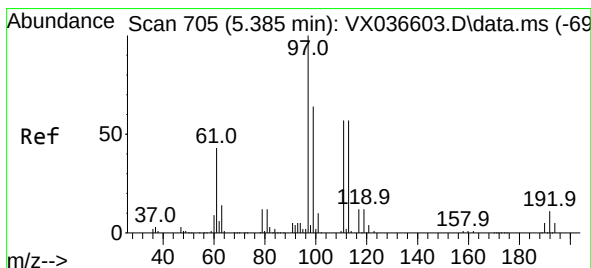
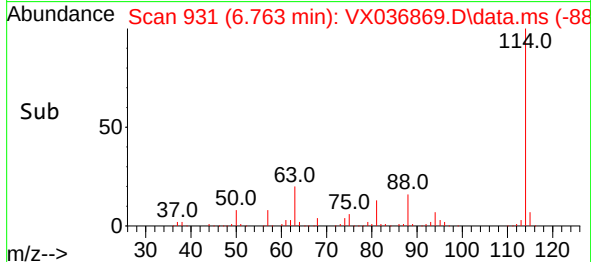
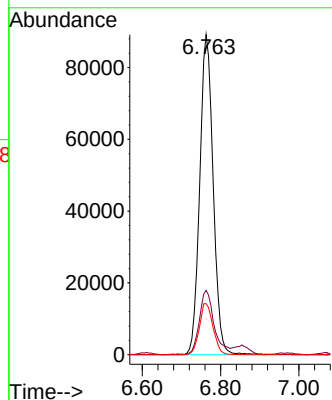
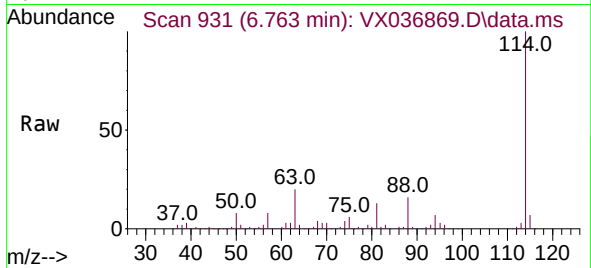
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-09W

Tgt Ion:114 Resp: 21267
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 15.9 0.0 36.6

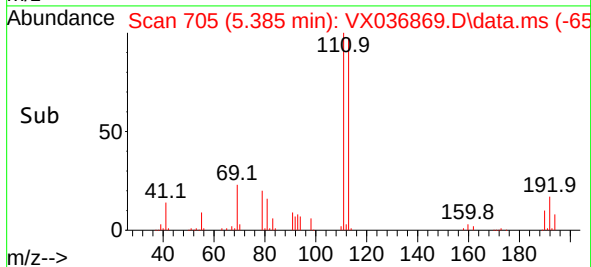
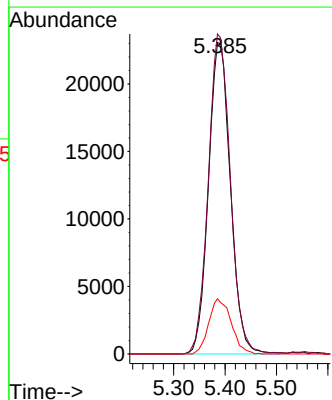
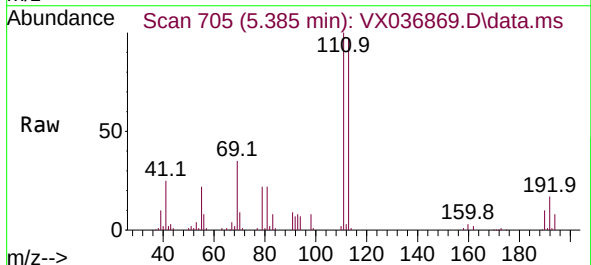
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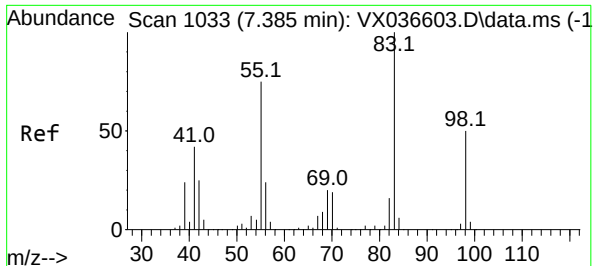
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#35
Dibromofluoromethane
Concen: 46.772 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Tgt Ion:113 Resp: 68370
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 18.1 13.3 19.9





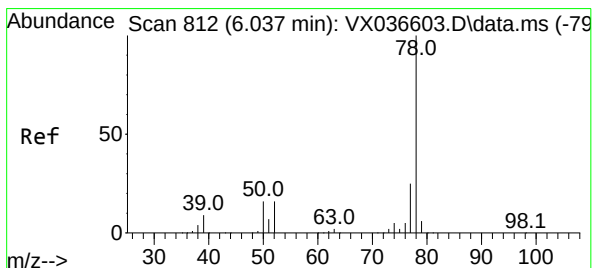
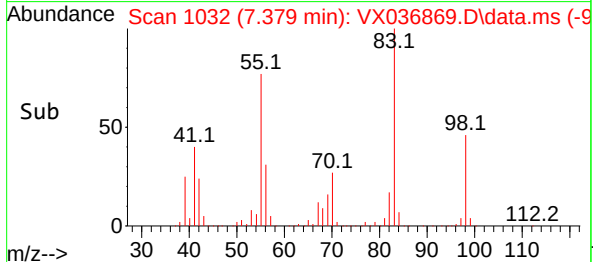
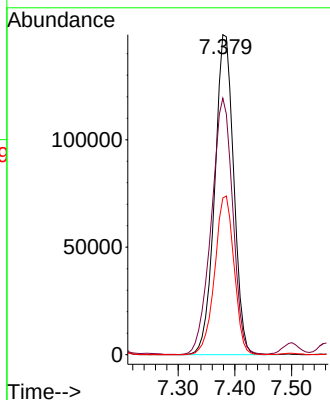
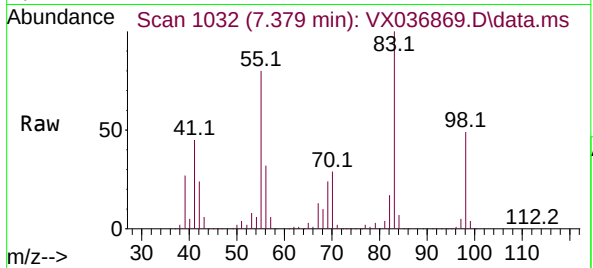
#39
Methylcyclohexane
Concen: 127.689 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-09W

Tgt Ion: 83 Resp: 34593
Ion Ratio Lower Upper
83 100
55 80.1 64.6 97.0
98 48.9 36.7 55.1

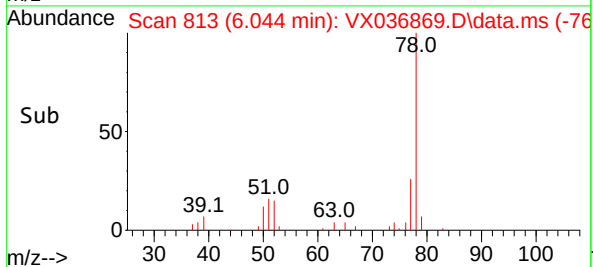
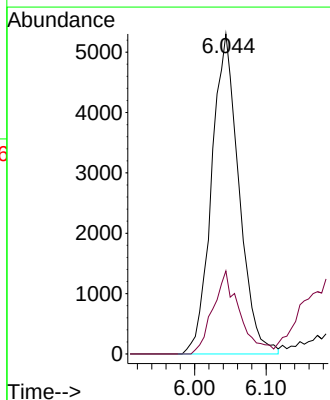
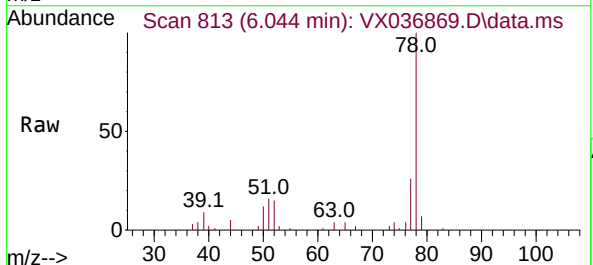
Manual Integrations
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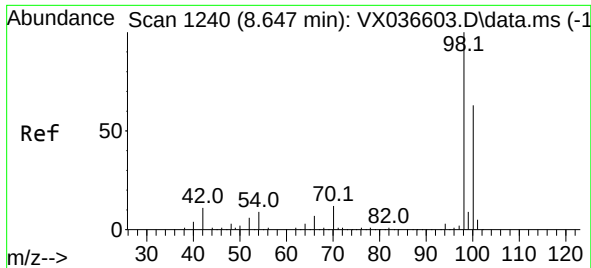
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#40
Benzene
Concen: 2.220 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

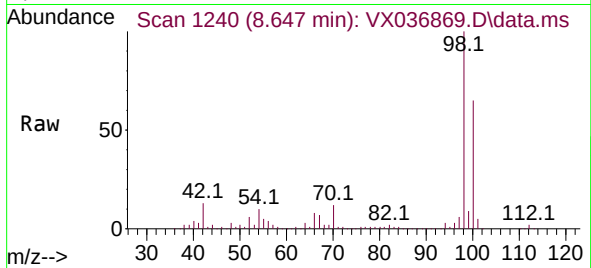
Tgt Ion: 78 Resp: 14072
Ion Ratio Lower Upper
78 100
77 25.9 19.3 28.9





#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

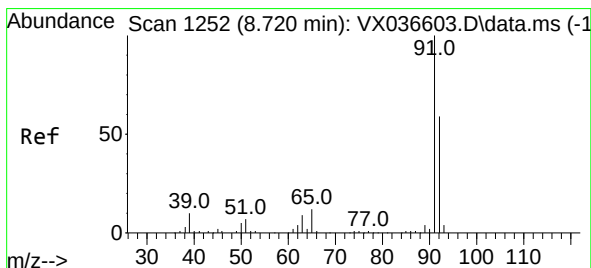
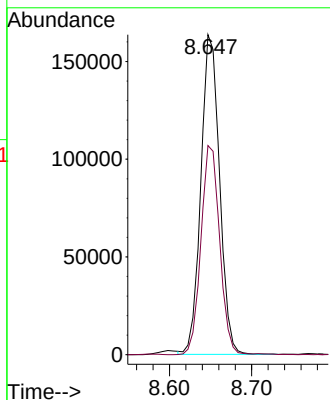
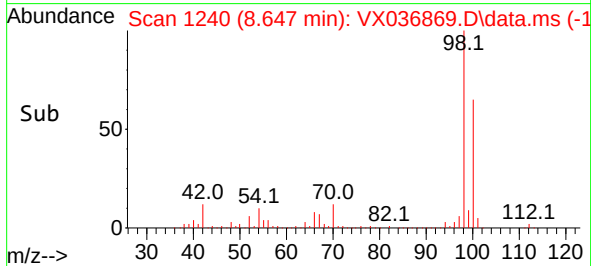
Instrument :
MSVOA_X
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Tgt Ion: 98 Resp: 257460
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7

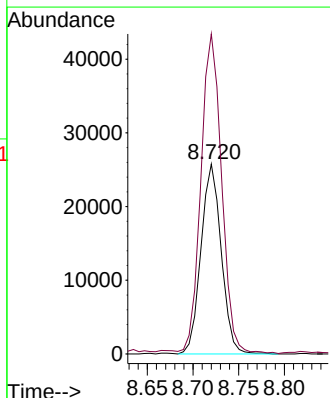
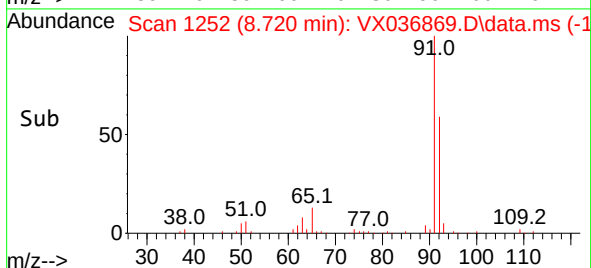
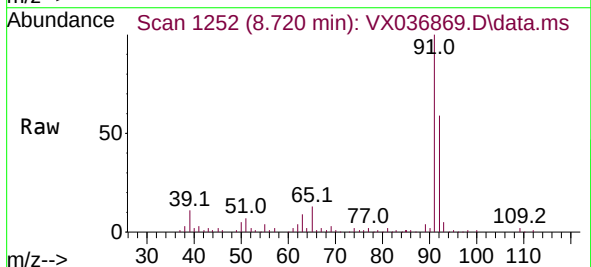
Manual Integrations
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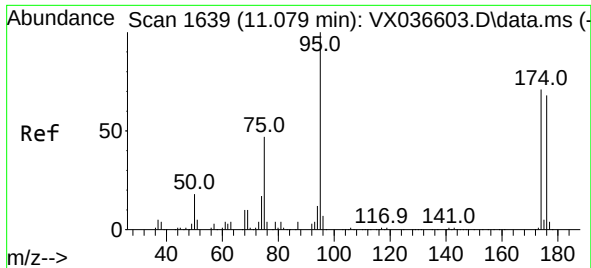
Reviewed By :John Carlone 08/09/2023
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#52
Toluene
Concen: 9.981 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

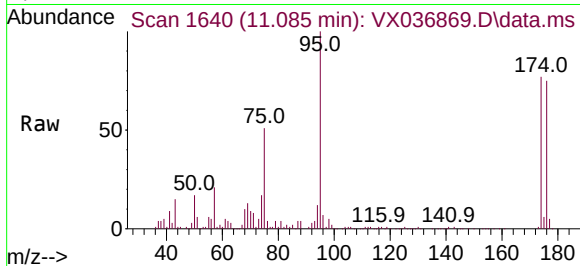
Tgt Ion: 92 Resp: 39644
Ion Ratio Lower Upper
92 100
91 172.2 134.2 201.2





#62
4-Bromofluorobenzene
Concen: 55.431 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

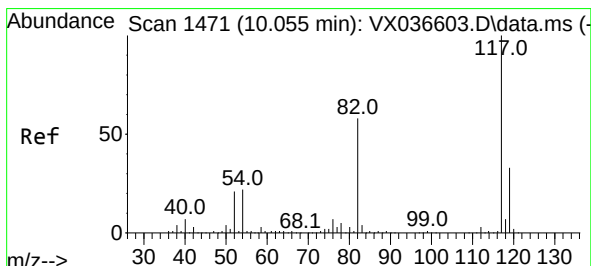
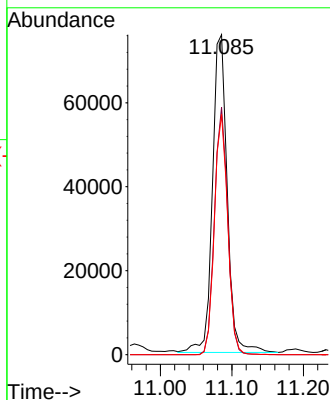
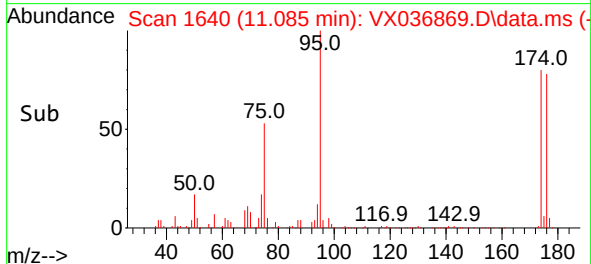
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MW-09W



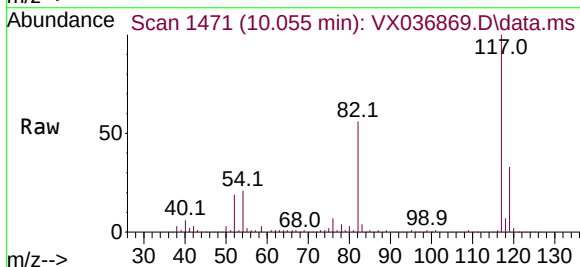
Tgt Ion: 95 Resp: 108410
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.6
176 68.3 0.0 131.0

Manual Integrations
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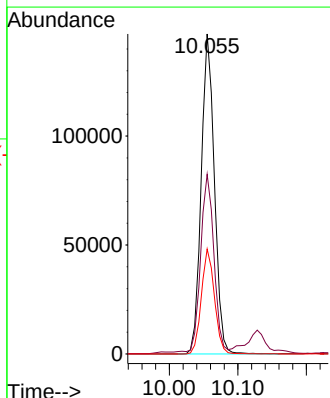
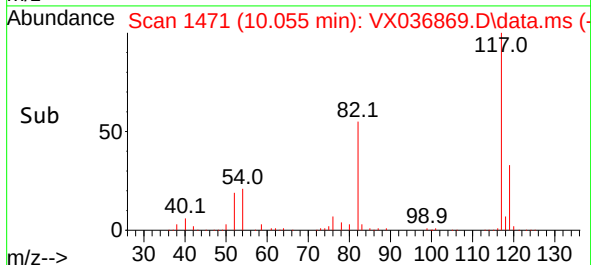
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

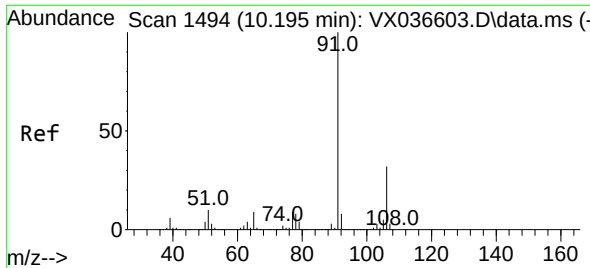


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15



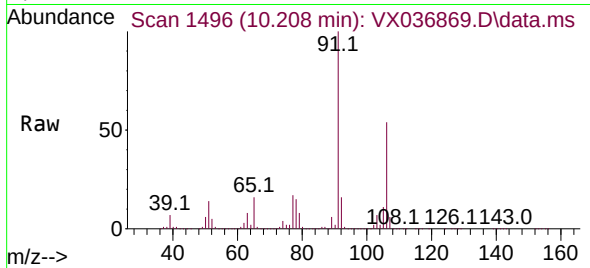
Tgt Ion:117 Resp: 196809
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.8 25.5 38.3





#67
Ethyl Benzene
Concen: 2025.477 ug/l
RT: 10.208 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

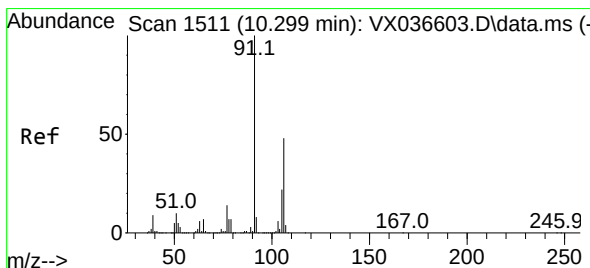
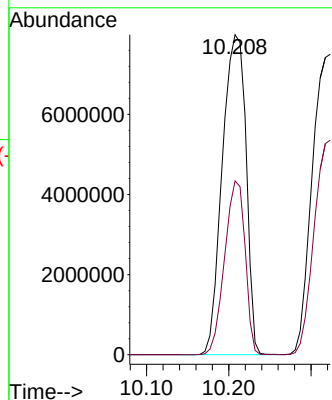
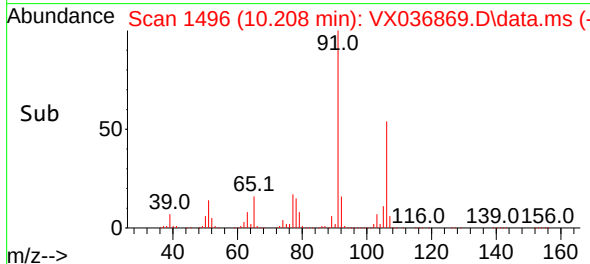
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



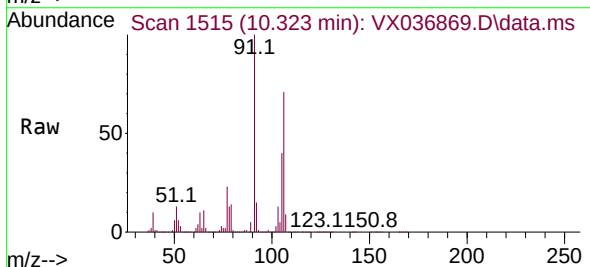
Tgt Ion: 91 Resp:1605220
Ion Ratio Lower Upper
91 100
106 54.3 24.9 37.3

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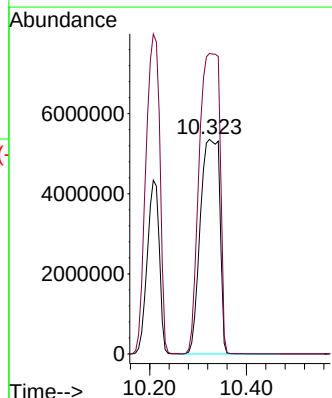
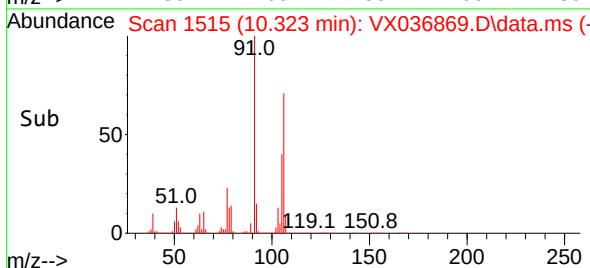
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

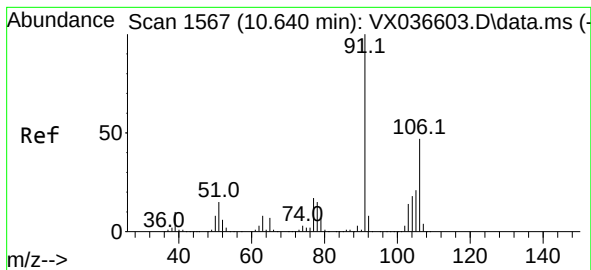


#68
m/p-Xylenes
Concen: 5026.889 ug/l
RT: 10.323 min Scan# 1515
Delta R.T. 0.025 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15



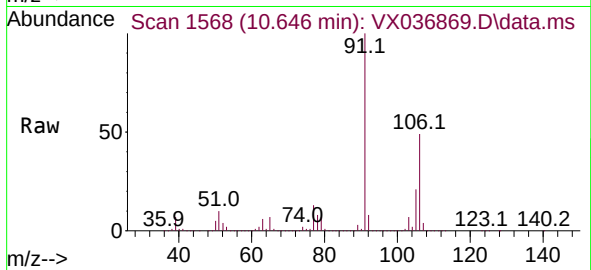
Tgt Ion:106 Resp:14864264
Ion Ratio Lower Upper
106 100
91 150.0 165.5 248.3





#69
o-Xylene
Concen: 484.959 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

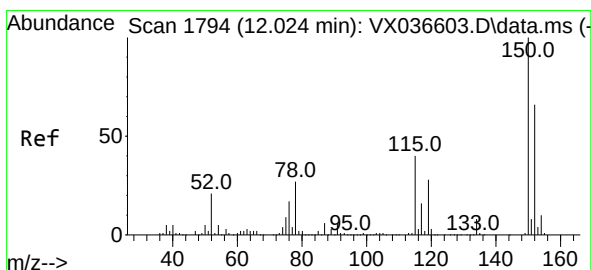
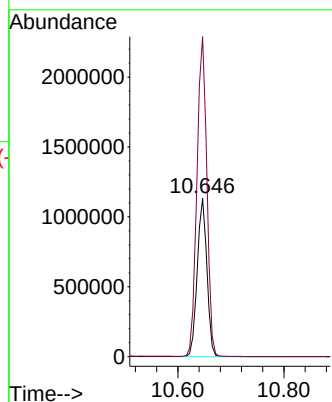
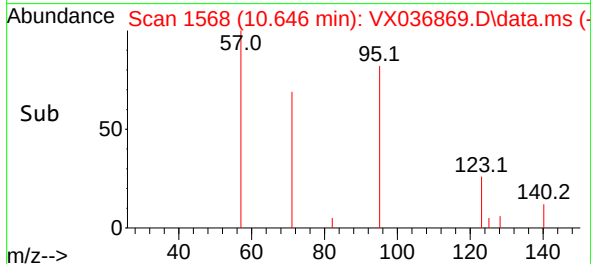
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



Tgt Ion:106 Resp: 1431379
Ion Ratio Lower Upper
106 100
91 207.9 108.9 326.8

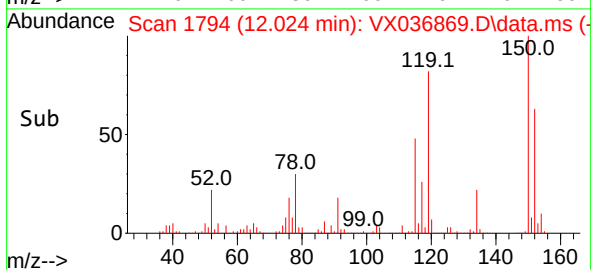
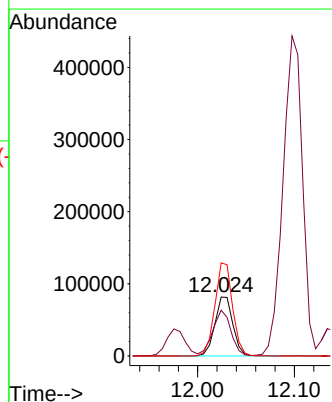
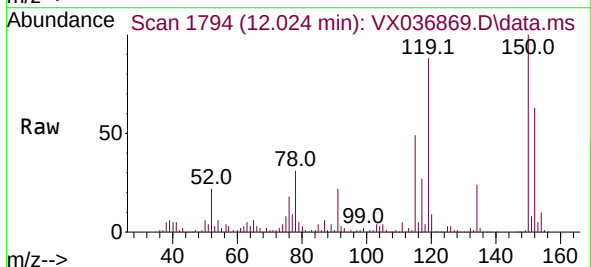
Manual Integrations
APPROVED

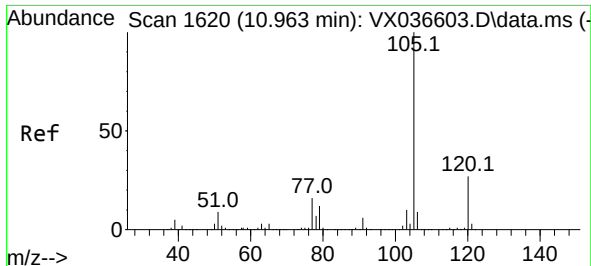
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

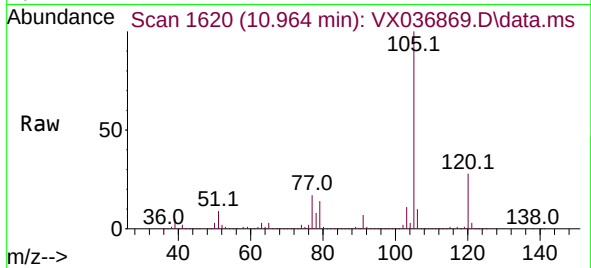
Tgt Ion:152 Resp: 104784
Ion Ratio Lower Upper
152 100
115 0.0 43.3 129.9#
150 155.8 0.0 345.0





#73
Isopropylbenzene
Concen: 315.884 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

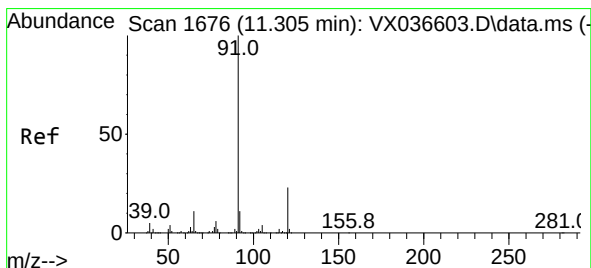
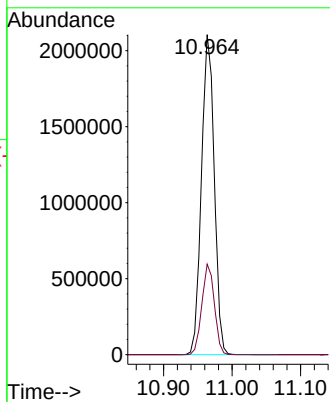
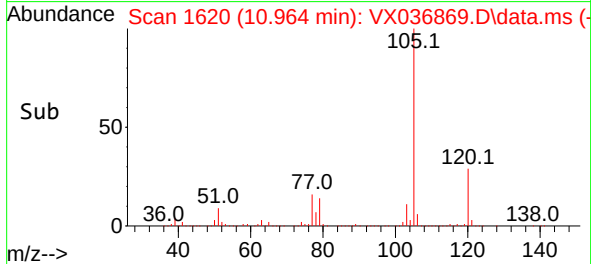
Instrument :
MSVOA_X
ClientSampleId :
MW-09W



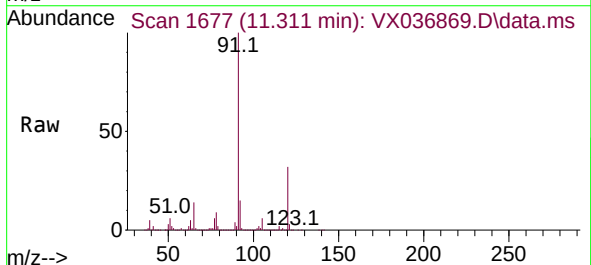
Tgt Ion:105 Resp: 273928
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6

Manual Integrations
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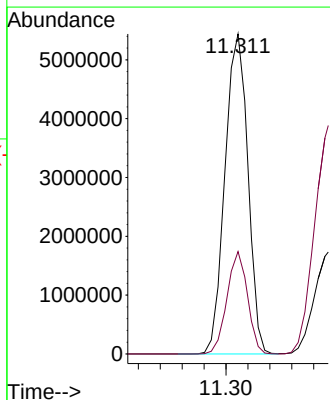
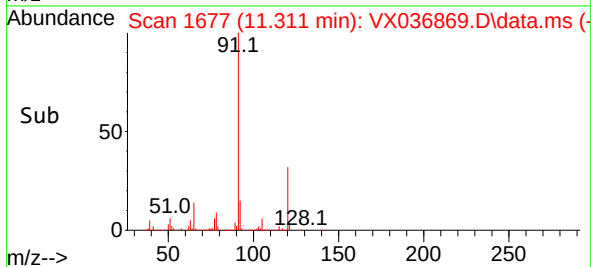
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023

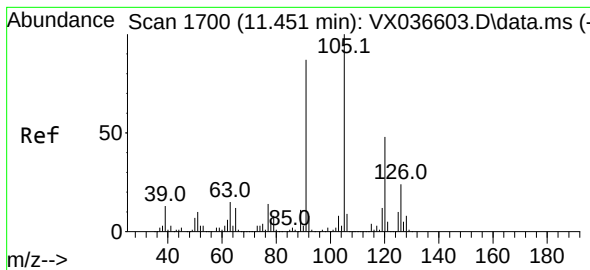


#78
n-propylbenzene
Concen: 786.550 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15



Tgt Ion: 91 Resp: 7888330
Ion Ratio Lower Upper
91 100
120 28.6 11.5 34.4





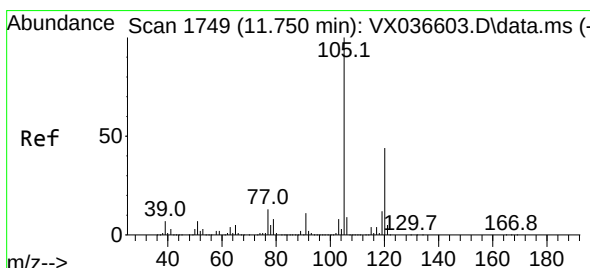
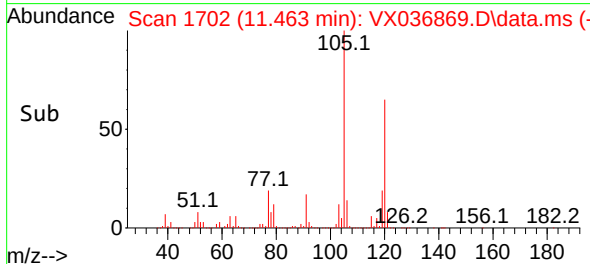
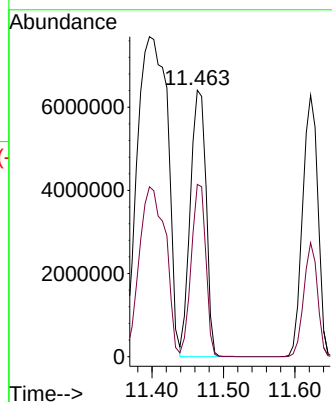
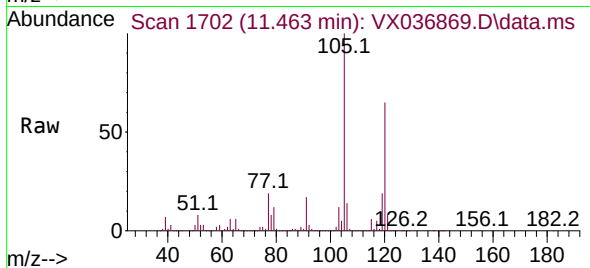
#80
1,3,5-Trimethylbenzene
Concen: 1352.710 ug/l
RT: 11.463 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-09W

Tgt Ion:105 Resp: 981337
Ion Ratio Lower Upper
105 100
120 59.6 24.1 72.3

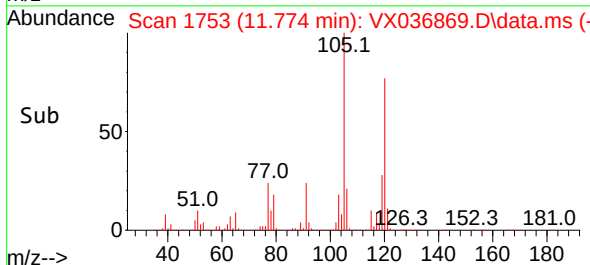
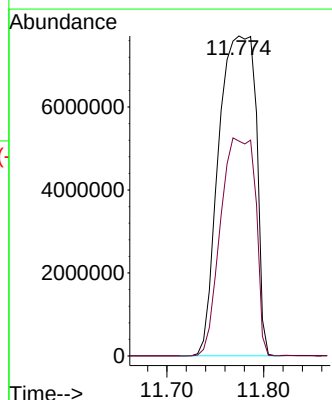
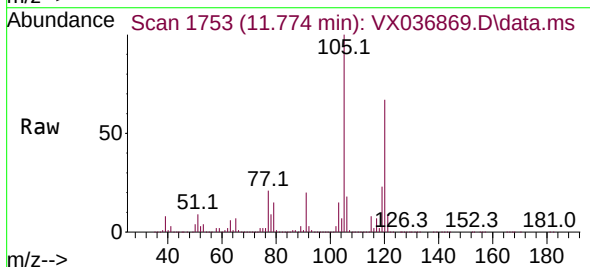
Manual Integrations
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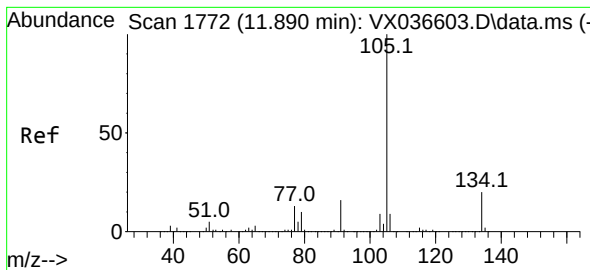
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#84
1,2,4-Trimethylbenzene
Concen: 2841.179 ug/l
RT: 11.774 min Scan# 1753
Delta R.T. 0.024 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

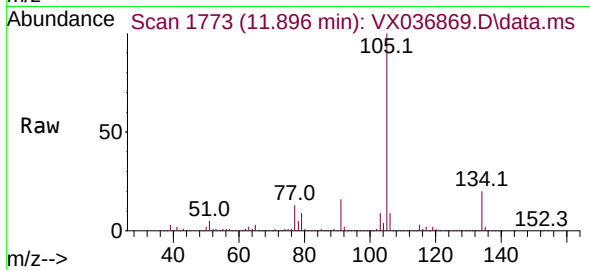
Tgt Ion:105 Resp:20613306
Ion Ratio Lower Upper
105 100
120 63.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 44.093 ug/l m
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX036869.D
 Acq: 08 Aug 2023 17:15

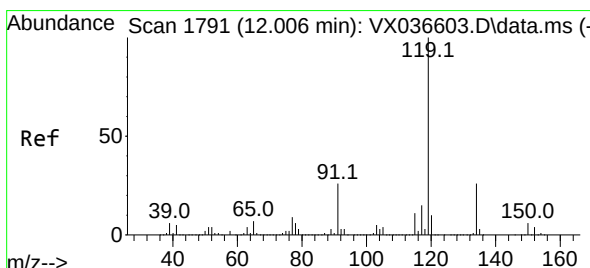
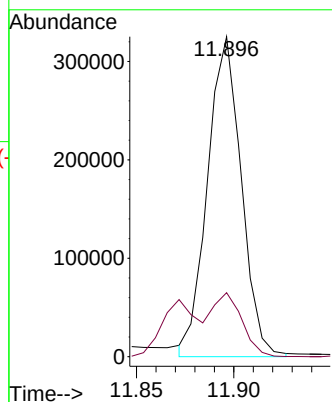
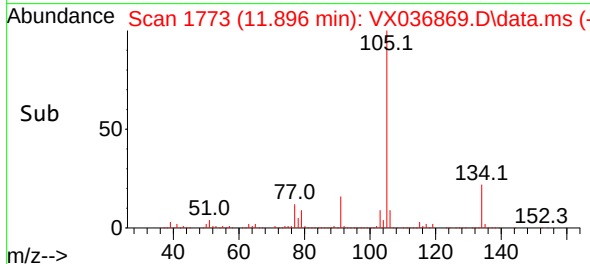
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-09W



Tgt Ion:105 Resp: 391894
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#

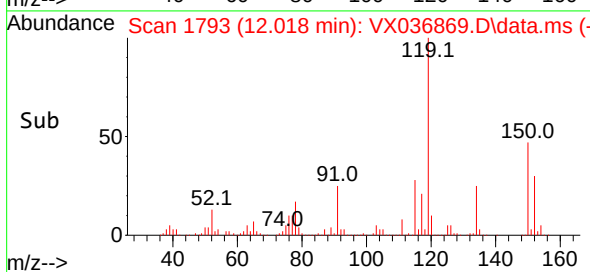
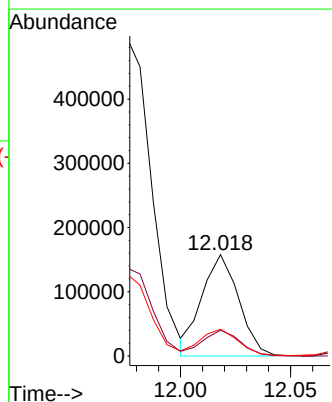
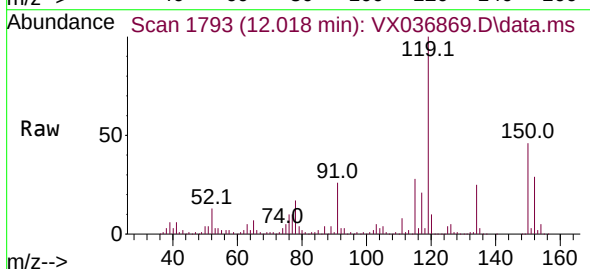
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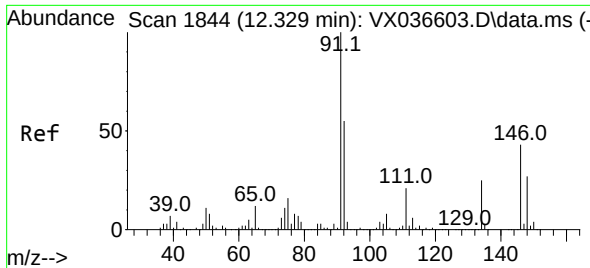
Reviewed By :John Carlone 08/09/2023
 Supervised By :Semsettin Yesilyurt 08/09/2023



#86
 p-Isopropyltoluene
 Concen: 25.210 ug/l m
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.012 min
 Lab File: VX036869.D
 Acq: 08 Aug 2023 17:15

Tgt Ion:119 Resp: 184372
 Ion Ratio Lower Upper
 119 100
 134 98.3 12.8 38.3#
 91 89.2 13.1 39.3#





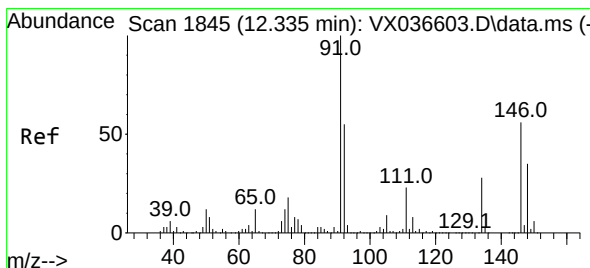
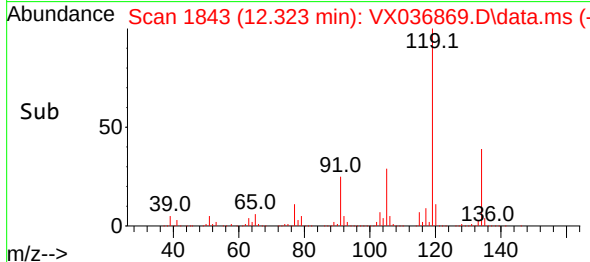
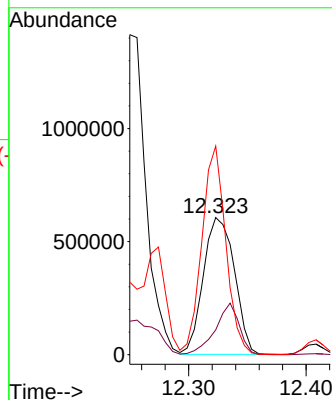
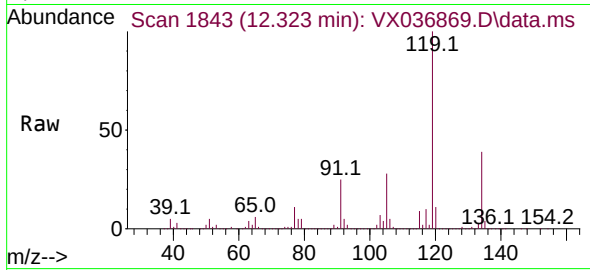
#89
n-Butylbenzene
Concen: 170.029 ug/l
RT: 12.323 min Scan# 111314
Delta R.T. -0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-09W

Tgt Ion: 91 Resp: 111314
Ion Ratio Lower Upper
91 100
92 29.1 27.4 82.0
134 116.9 12.6 37.8

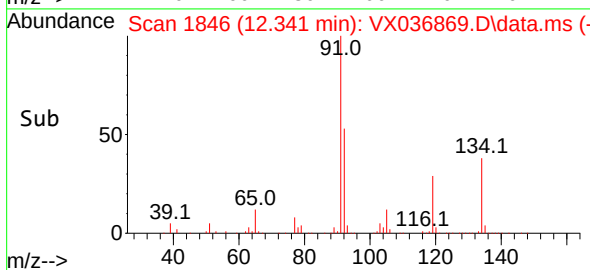
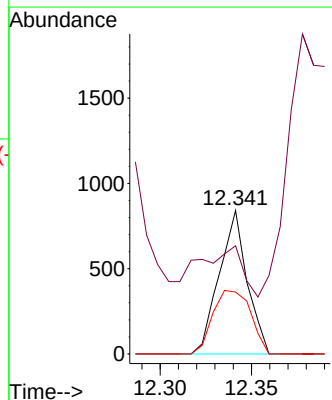
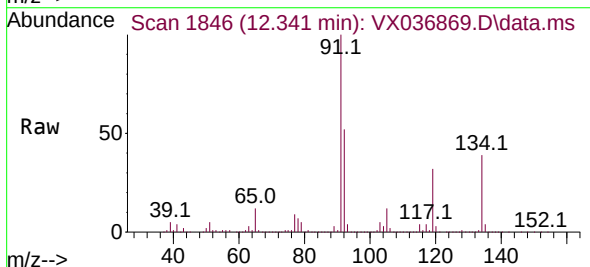
Manual Integrations
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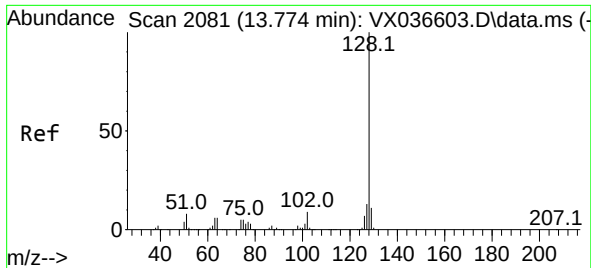
Reviewed By :John Carlone 08/09/2023
Supervised By :Semsettin Yesilyurt 08/09/2023



#91
1,2-Dichlorobenzene
Concen: 0.253 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

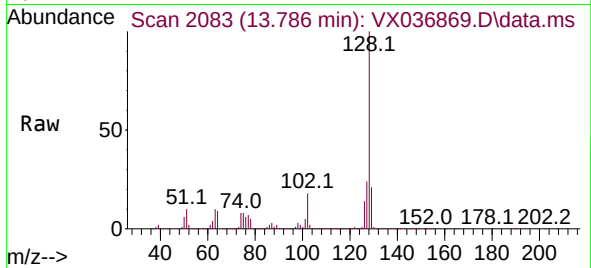
Tgt Ion:146 Resp: 893
Ion Ratio Lower Upper
146 100
111 52.5 22.4 67.0
148 60.0 31.6 95.0





#95
Naphthalene
Concen: 1675.900 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX036869.D
Acq: 08 Aug 2023 17:15

Instrument :
MSVOA_X
ClientSampleId :
MW-09W



Tgt Ion:128 Resp:1270004
Ion Ratio Lower Upper
128 100
127 19.5 10.3 15.5
129 17.3 8.8 13.2

Manual Integrations
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Supervised By :Semsettin Yesilyurt 08/09/2023

