

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028250.D
 Acq On : 21 Apr 2022 18:42
 Operator : JC/MD
 Sample : N2459-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31579

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:17:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	422318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	721833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	684466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	351348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	281997	51.211	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.420%			
35) Dibromofluoromethane	5.391	113	262487	51.853	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.700%			
50) Toluene-d8	8.653	98	962186	49.488	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.980%			
62) 4-Bromofluorobenzene	11.085	95	366327	49.277	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.560%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	56220	32.211	ug/l	93
22) Diisopropyl ether	3.763	45	10356	0.835	ug/l #	85
25) 2-Butanone	4.562	43	29621	9.083	ug/l	97
29) Tetrahydrofuran	5.025	42	2465	1.159	ug/l	91
31) Cyclohexane	5.470	56	58690	8.748	ug/l	97
39) Methylcyclohexane	7.378	83	19446	2.334	ug/l	98
40) Benzene	6.043	78	1805137	93.391	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	5170	0.739	ug/l	92
52) Toluene	8.720	92	2243751	167.089	ug/l	96
59) 2-Hexanone	9.445	43	2789	0.515	ug/l	94
67) Ethyl Benzene	10.195	91	303655	12.409	ug/l	98
68) m/p-Xylenes	10.305	106	1402364	140.809	ug/l	93
69) o-Xylene	10.646	106	766530	77.196	ug/l	94
73) Isopropylbenzene	10.963	105	24287	1.006	ug/l	100
78) n-propylbenzene	11.304	91	48620	1.816	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	408337	19.920	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1463368	71.814	ug/l	96
85) sec-Butylbenzene	11.890	105	8635m	0.342	ug/l	
86) p-Isopropyltoluene	12.012	119	10206m	0.468	ug/l	
95) Naphthalene	13.780	128	247646	10.647	ug/l	99

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

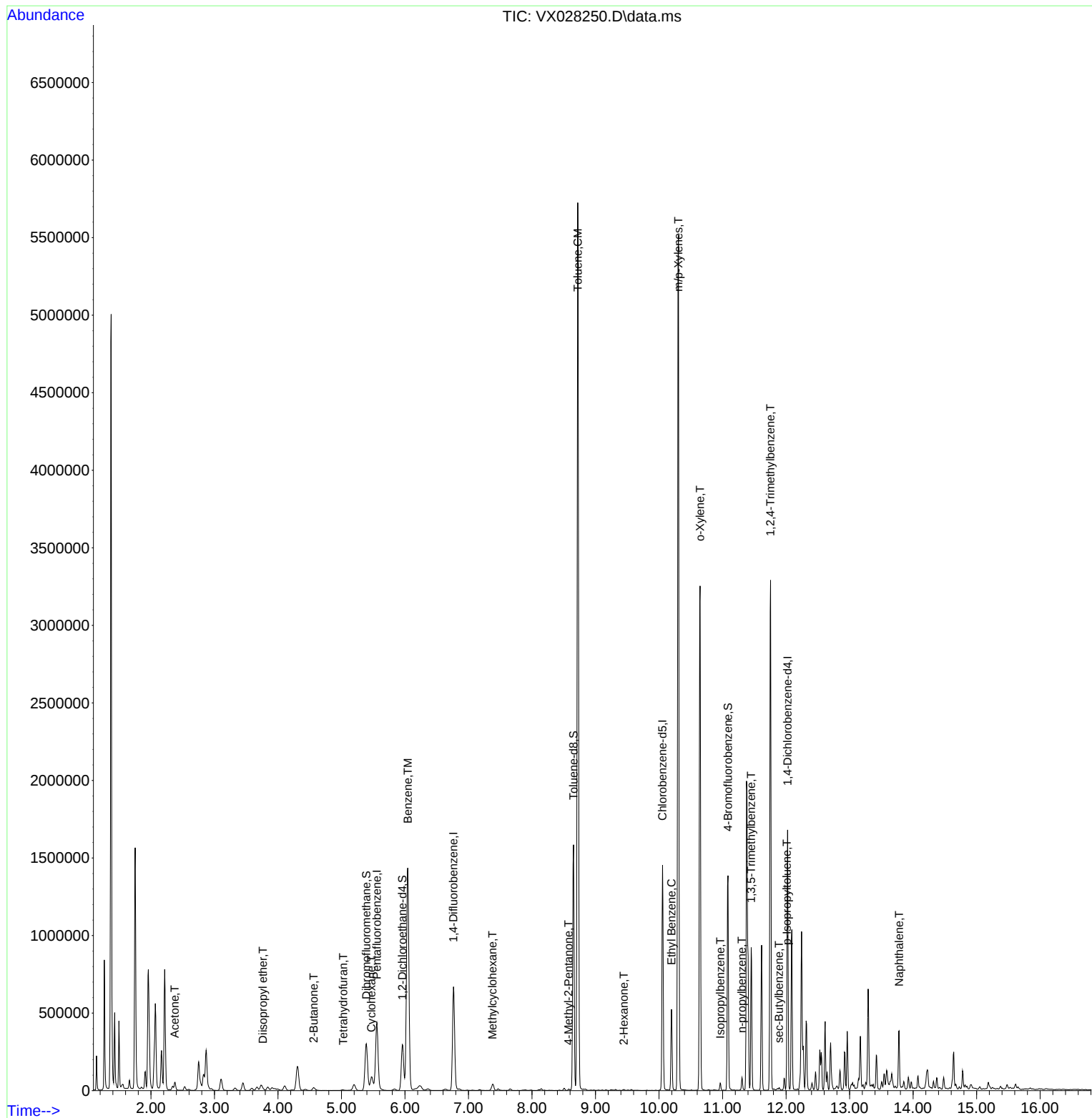
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
Data File : VX028250.D
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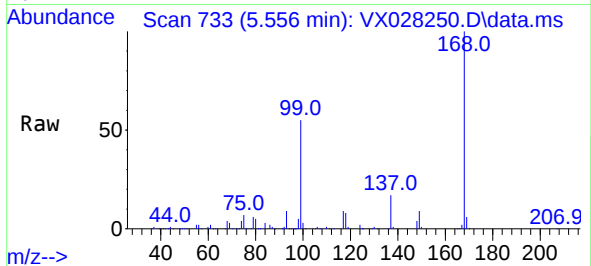
Quant Time: Apr 22 06:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

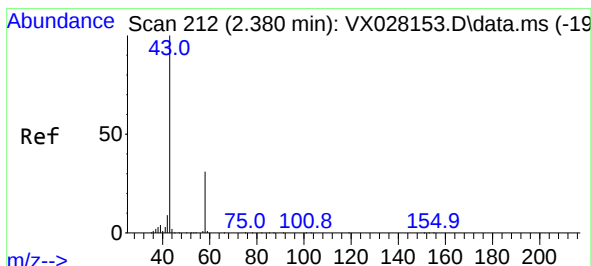
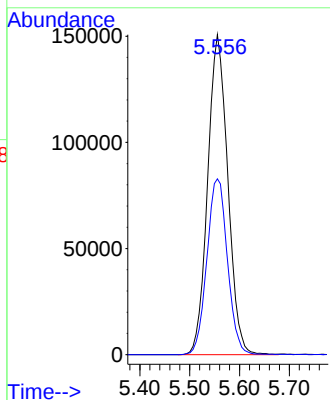
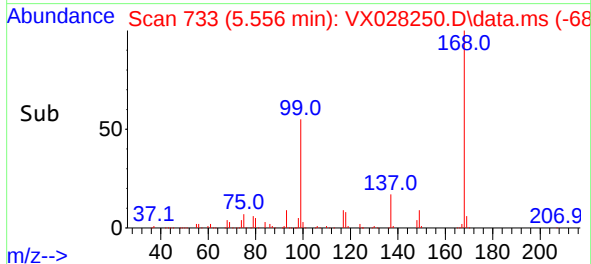
Instrument :
MSVOA_X
ClientSampleId :
31579



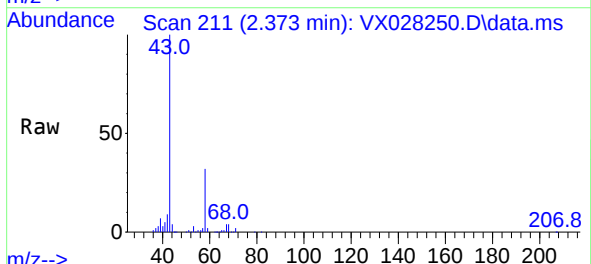
Tgt Ion:168 Resp: 422318
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5

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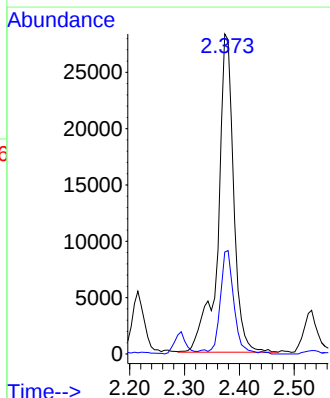
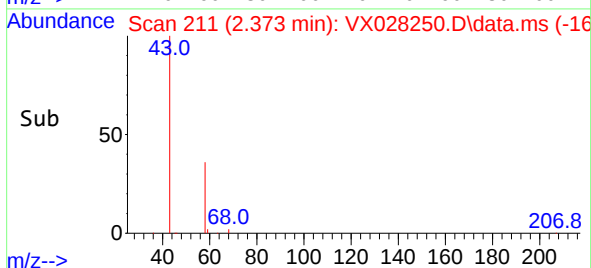
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

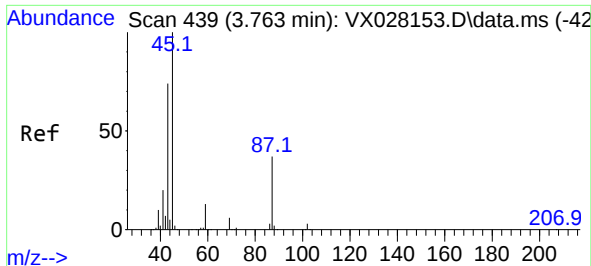


#16
Acetone
Concen: 32.211 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



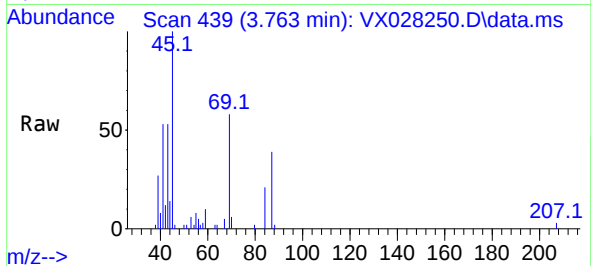
Tgt Ion: 43 Resp: 56220
Ion Ratio Lower Upper
43 100
58 32.0 28.8 43.2





#22
Diisopropyl ether
Concen: 0.835 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

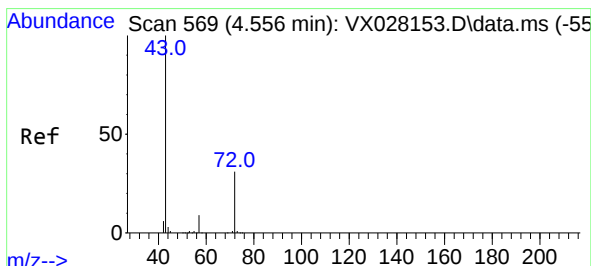
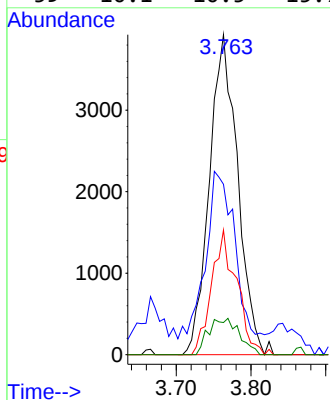
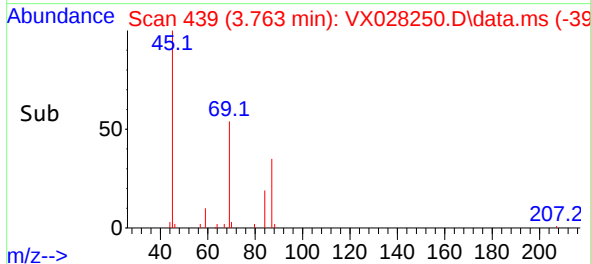
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Tgt Ion:	45	Resp:	10350
Ion	Ratio	Lower	Upper
45	100		
43	48.3	50.8	76.2
87	38.9	26.6	39.8
59	10.1	10.5	15.7

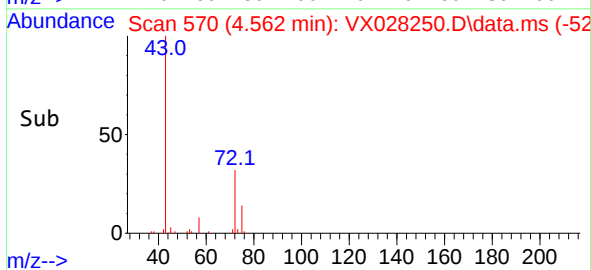
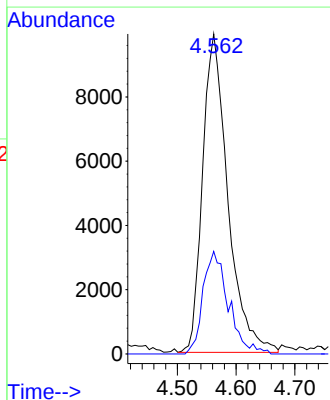
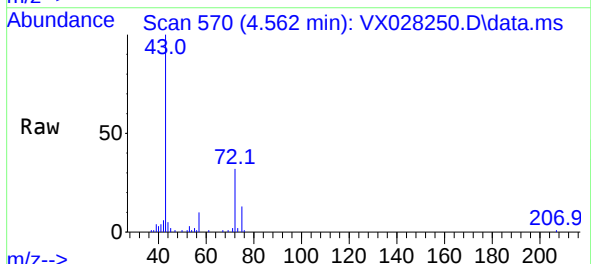
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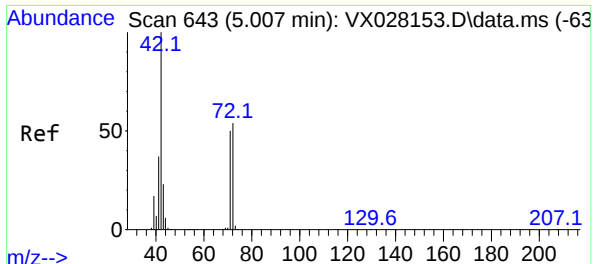
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#25
2-Butanone
Concen: 9.083 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

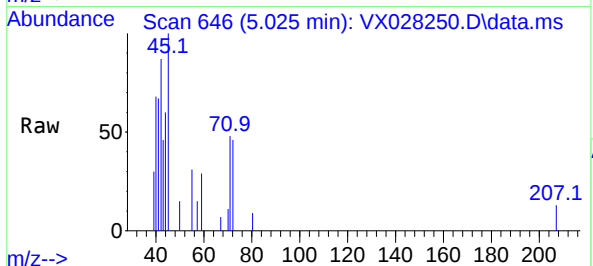
Tgt Ion:	43	Resp:	29621
Ion	Ratio	Lower	Upper
43	100		
72	32.2	24.4	36.6





#29
Tetrahydrofuran
Concen: 1.159 ug/l
RT: 5.025 min Scan# 643
Delta R.T. 0.018 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

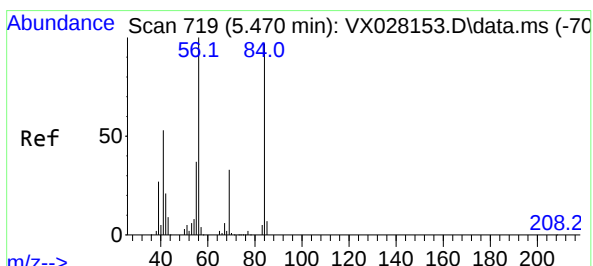
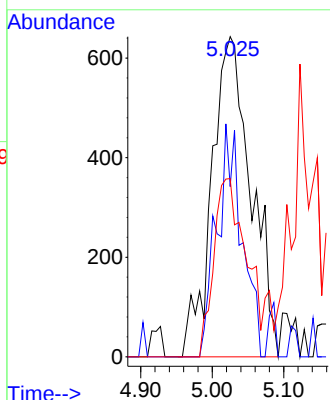
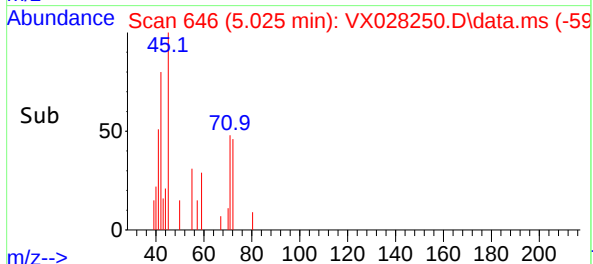
Instrument :
MSVOA_X
ClientSampleId :
31579



Tgt Ion: 42 Resp: 246
Ion Ratio Lower Upper
42 100
72 46.5 44.1 66.1
71 46.9 40.5 60.7

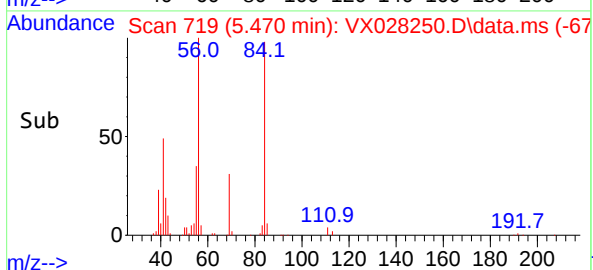
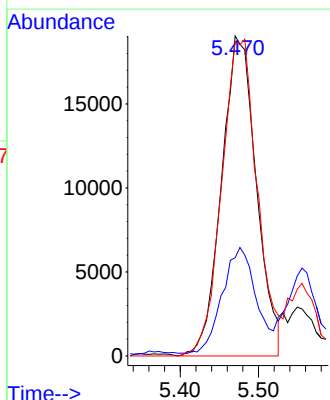
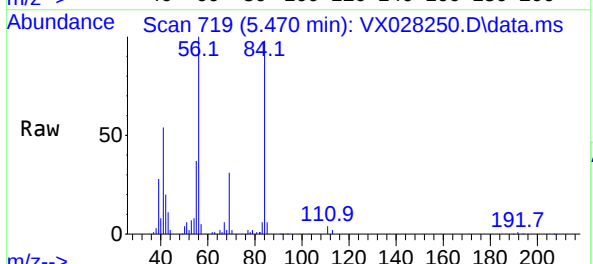
Manual Integrations
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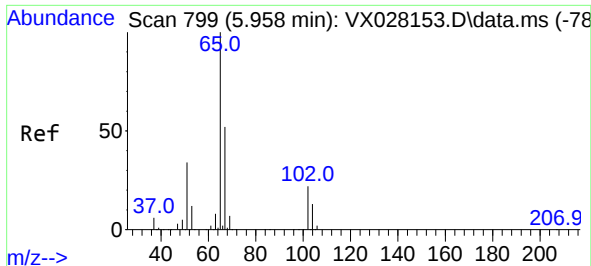
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#31
Cyclohexane
Concen: 8.748 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

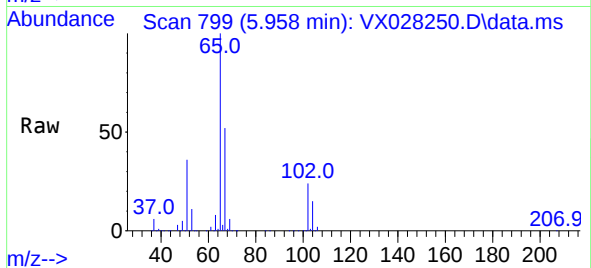
Tgt Ion: 56 Resp: 58690
Ion Ratio Lower Upper
56 100
69 29.9 26.7 40.1
84 98.1 77.2 115.8





#33
1,2-Dichloroethane-d4
Concen: 51.211 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

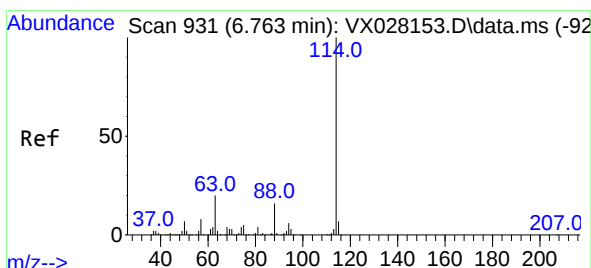
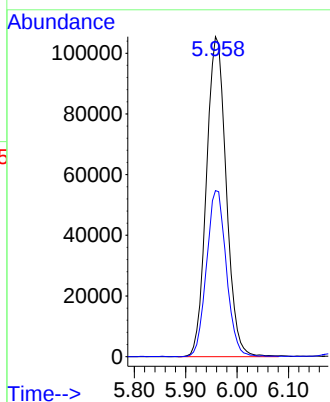
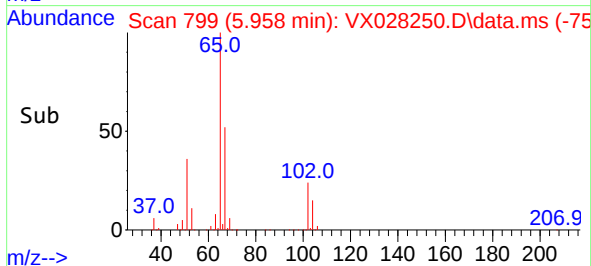
Instrument :
MSVOA_X
Client Sample Id :
31579



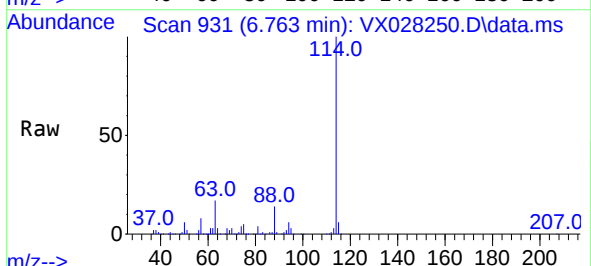
Tgt Ion: 65 Resp: 281997
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

Manual Integrations
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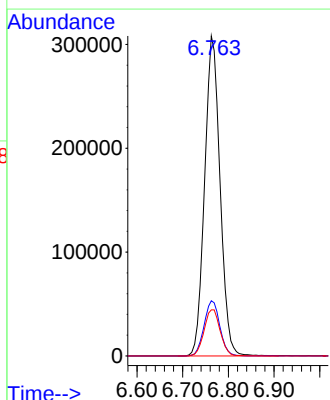
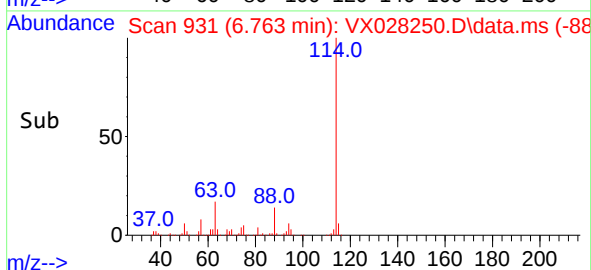
Reviewed By :John Carlone 04/22/2022
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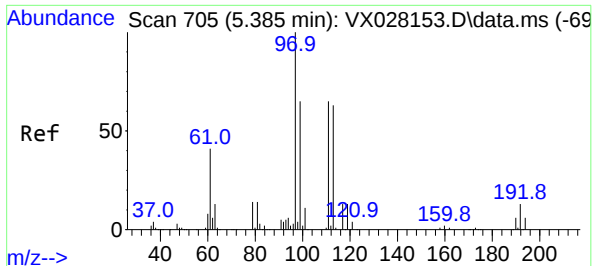


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



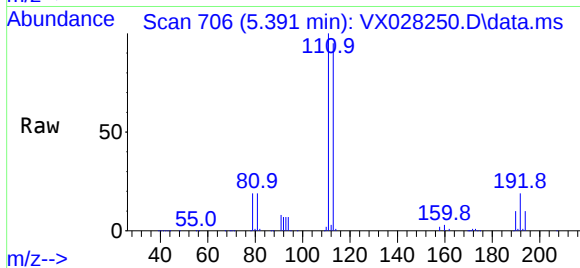
Tgt Ion:114 Resp: 721833
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 14.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

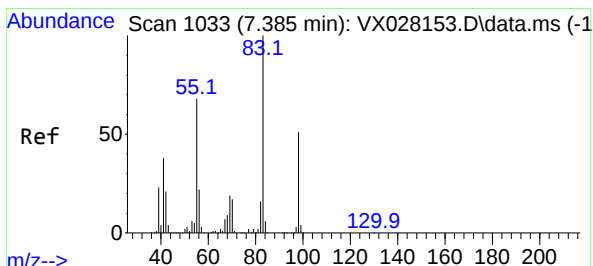
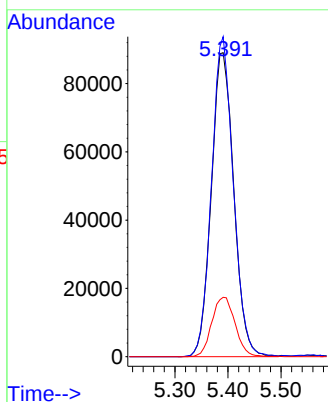
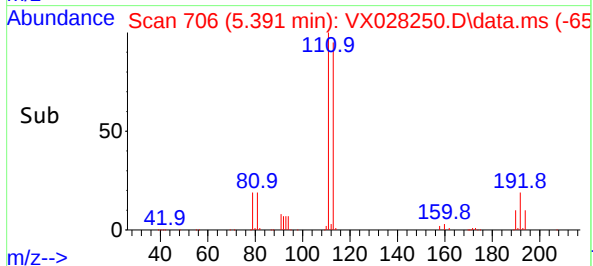
Instrument :
MSVOA_X
ClientSampleId :
31579



Tgt Ion:113 Resp: 26248
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.2 16.9 25.3

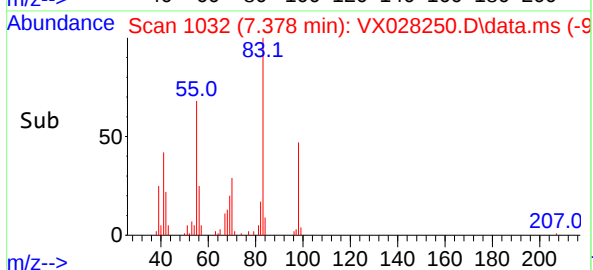
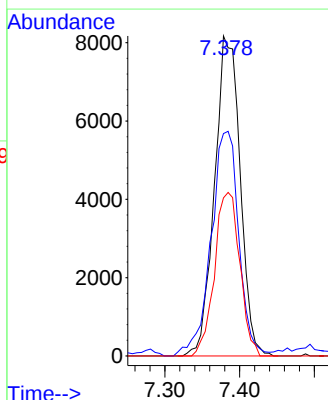
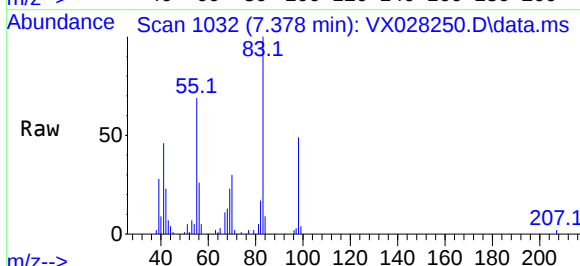
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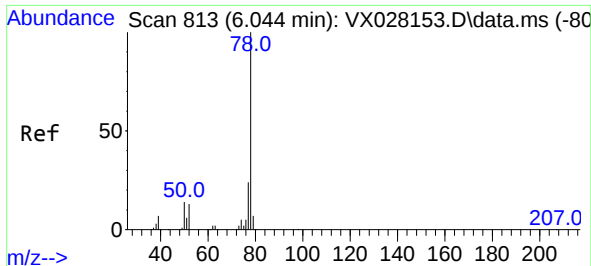
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#39
Methylcyclohexane
Concen: 2.334 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

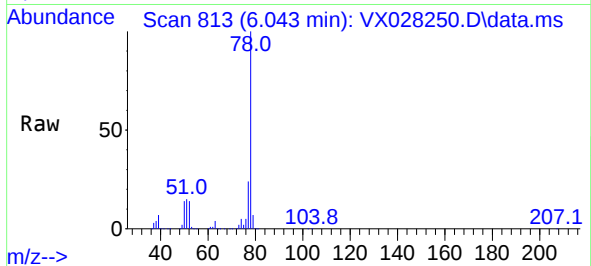
Tgt Ion: 83 Resp: 19446
Ion Ratio Lower Upper
83 100
55 68.2 54.6 81.8
98 49.4 37.4 56.2





#40
Benzene
Concen: 93.391 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

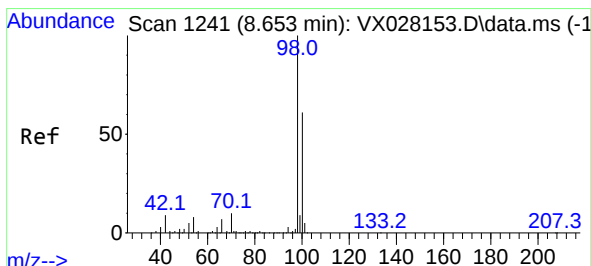
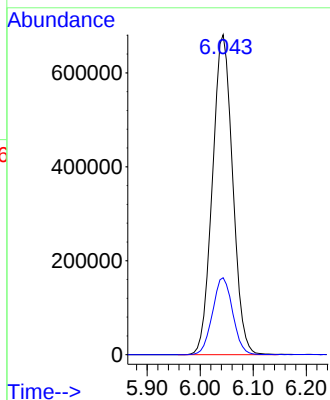
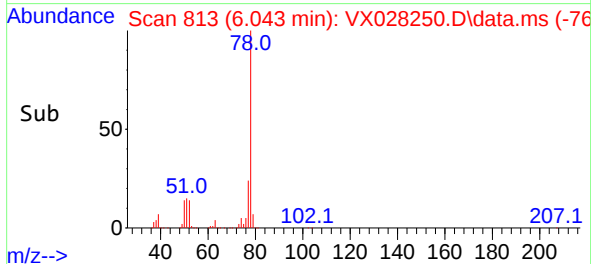
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Tgt Ion: 78 Resp: 180513
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

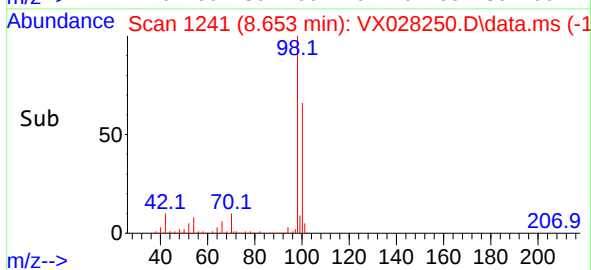
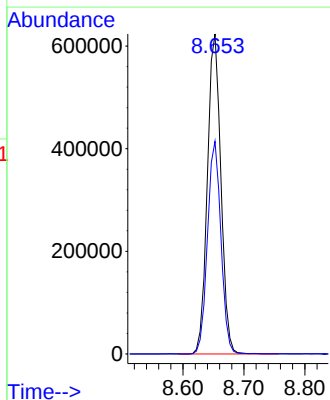
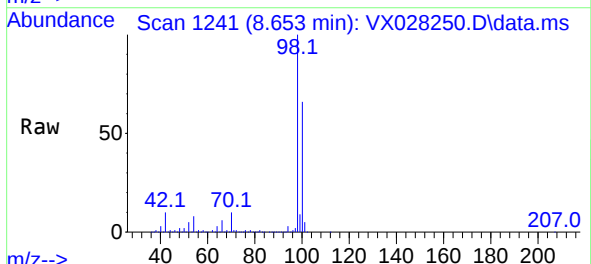
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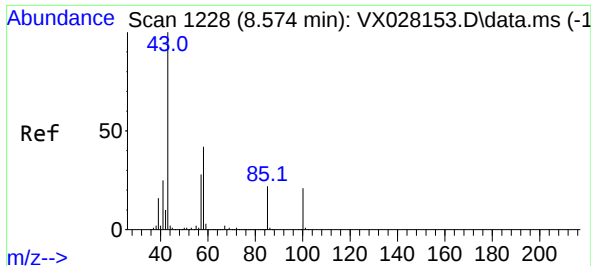
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#50
Toluene-d8
Concen: 49.488 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

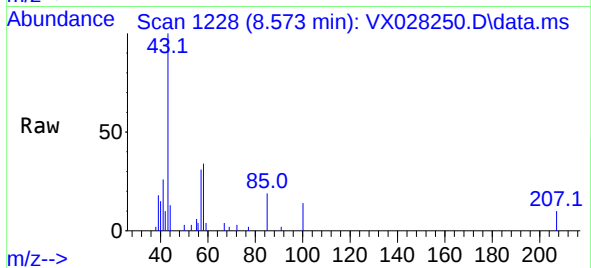
Tgt Ion: 98 Resp: 962186
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 0.739 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

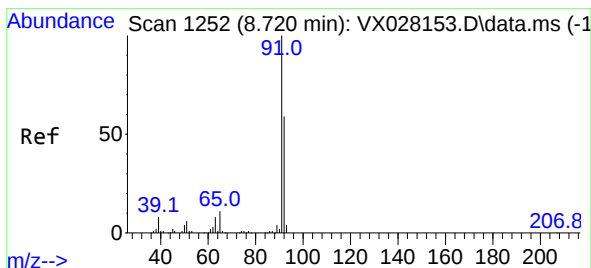
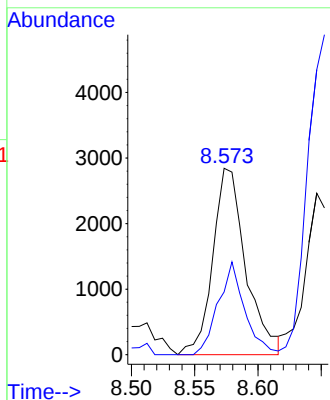
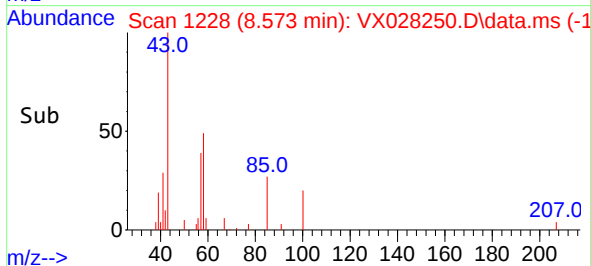
Instrument :
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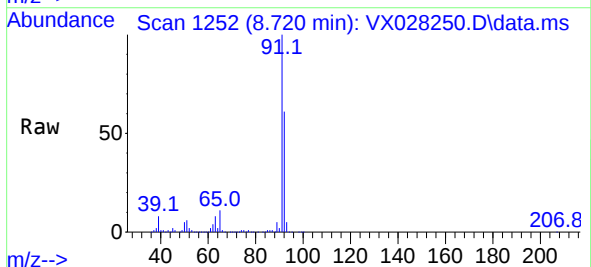
Tgt Ion: 43 Resp: 5170
Ion Ratio Lower Upper
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58 40.0 36.1 54.1

Manual Integrations
APPROVED

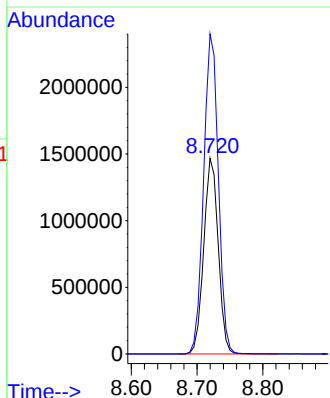
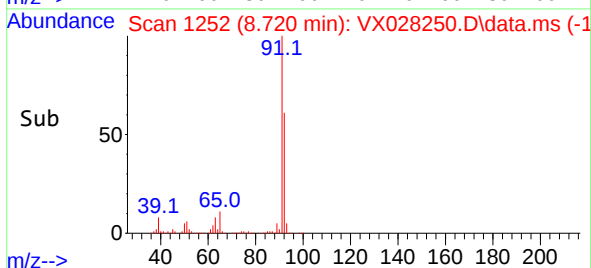
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

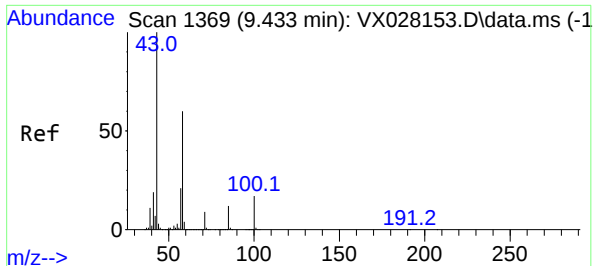


#52
Toluene
Concen: 167.089 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



Tgt Ion: 92 Resp: 2243751
Ion Ratio Lower Upper
92 100
91 166.6 137.5 206.3





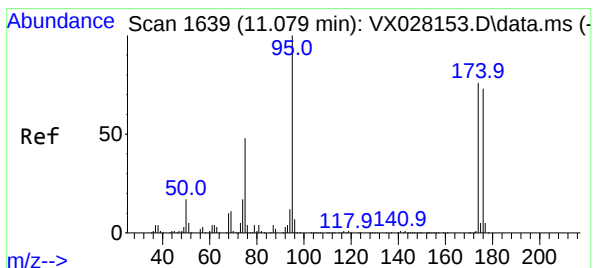
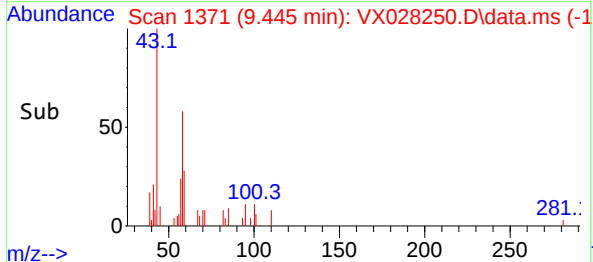
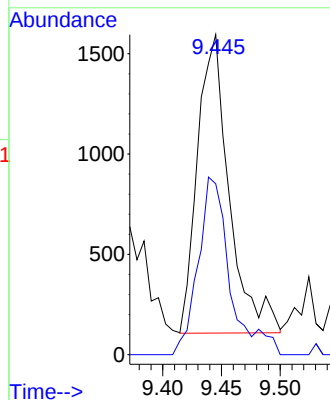
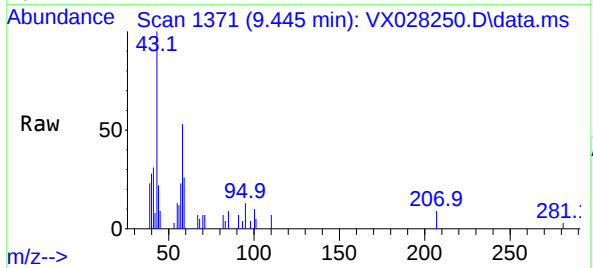
#59
2-Hexanone
Concen: 0.515 ug/l
RT: 9.445 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Instrument :
MSVOA_X
ClientSampleId :
31579

Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
58 59.4 31.9 95.7

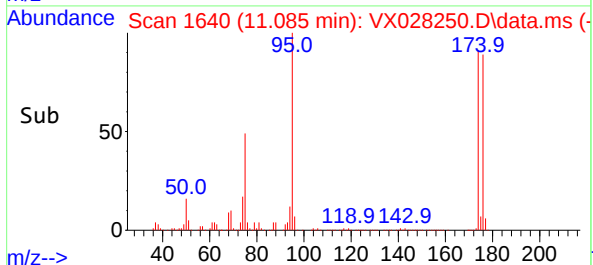
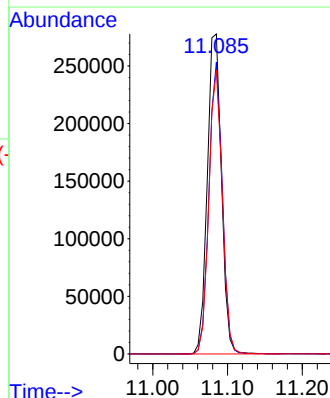
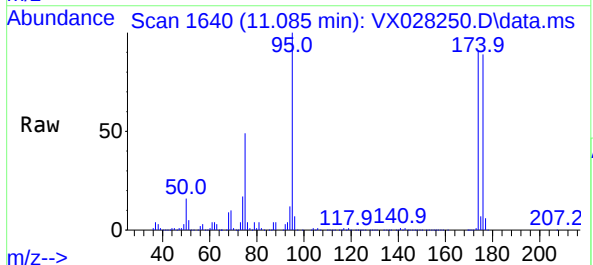
Manual Integrations
APPROVED

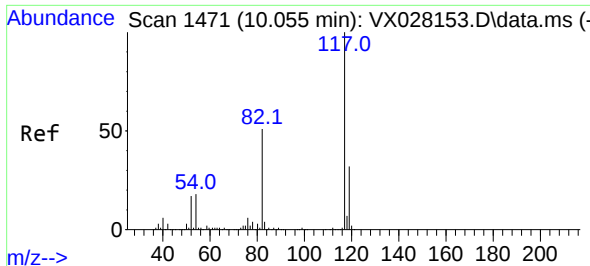
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#62
4-Bromofluorobenzene
Concen: 49.277 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

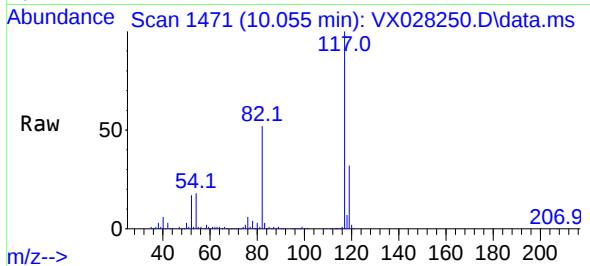
Tgt Ion: 95 Resp: 366327
Ion Ratio Lower Upper
95 100
174 85.9 0.0 163.0
176 84.2 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

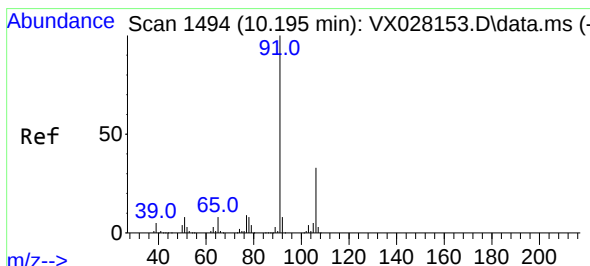
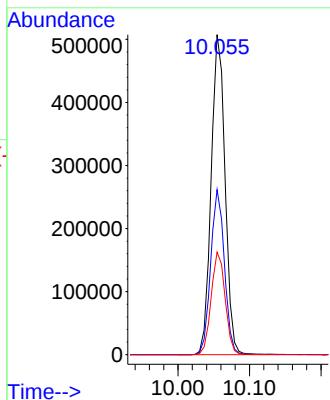
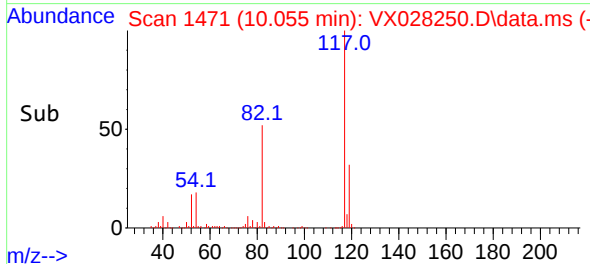
Instrument :
MSVOA_X
ClientSampleId :
31579



Tgt Ion:117 Resp: 684460
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.1 24.8 37.2

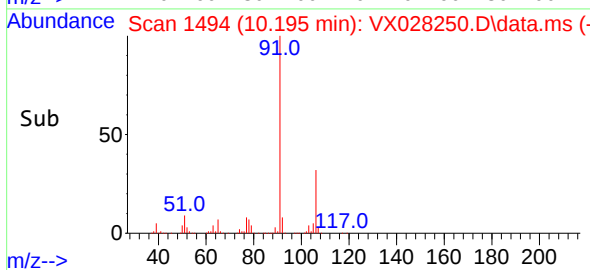
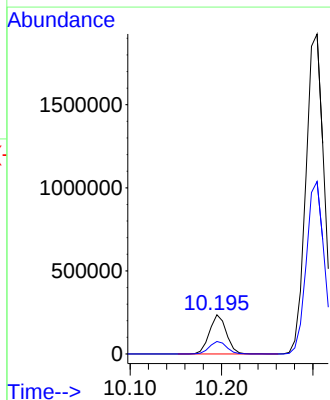
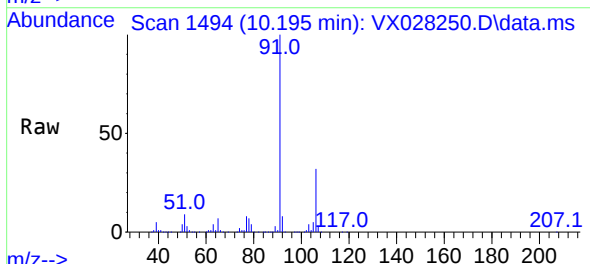
Manual Integrations
APPROVED

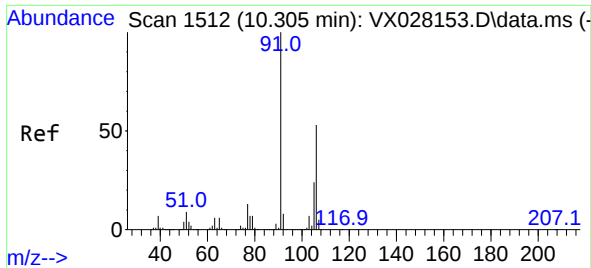
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#67
Ethyl Benzene
Concen: 12.409 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

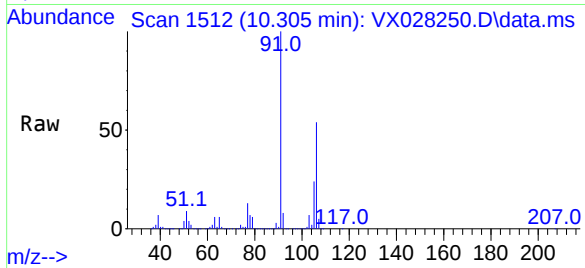
Tgt Ion: 91 Resp: 303655
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8





#68
m/p-Xylenes
Concen: 140.809 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

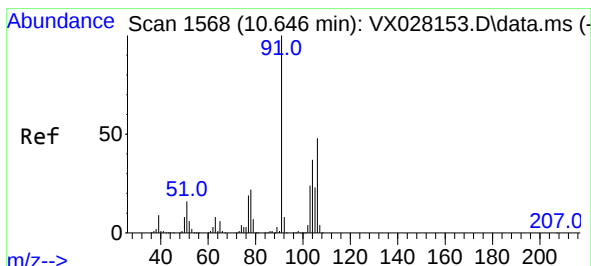
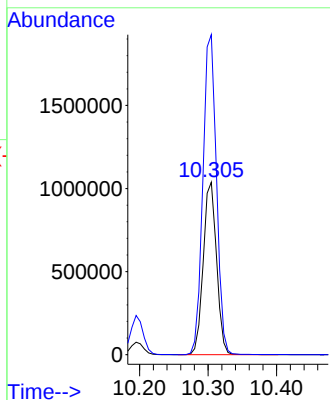
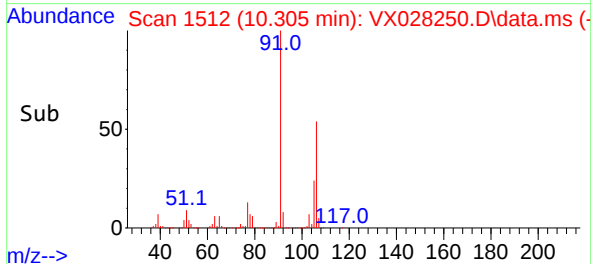
Instrument :
MSVOA_X
ClientSampleId :
31579



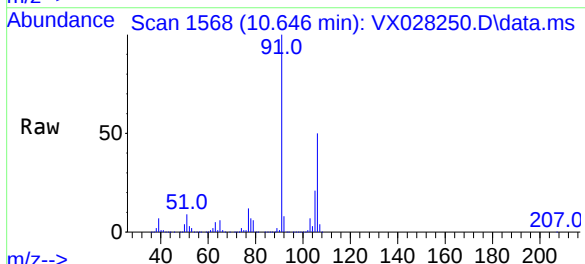
Tgt Ion:106 Resp: 1402364
Ion Ratio Lower Upper
106 100
91 189.7 160.4 240.6

Manual Integrations
APPROVED

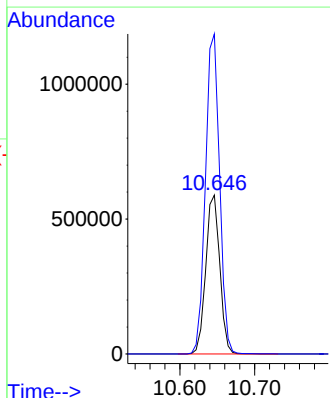
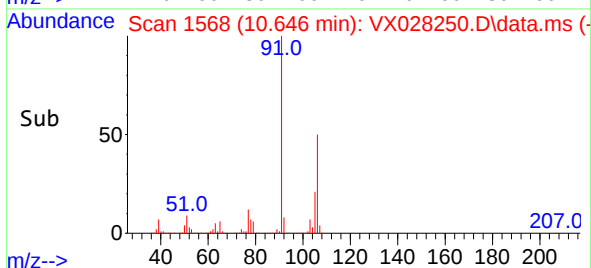
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

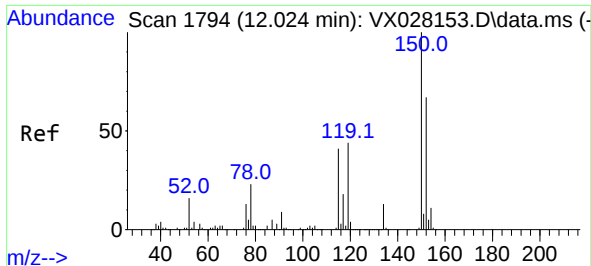


#69
o-Xylene
Concen: 77.196 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



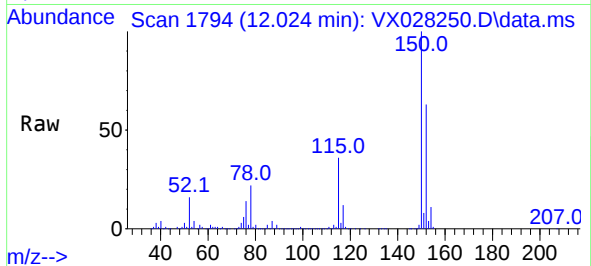
Tgt Ion:106 Resp: 766530
Ion Ratio Lower Upper
106 100
91 202.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

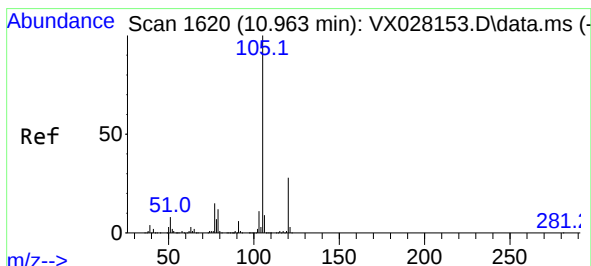
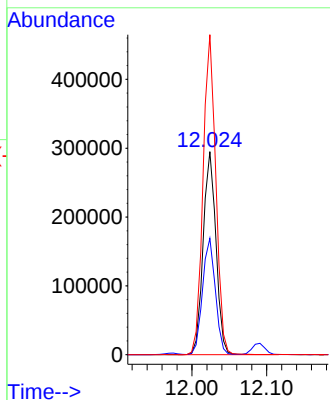
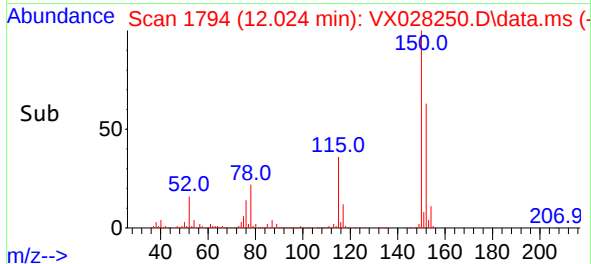
Instrument :
MSVOA_X
ClientSampleId :
31579



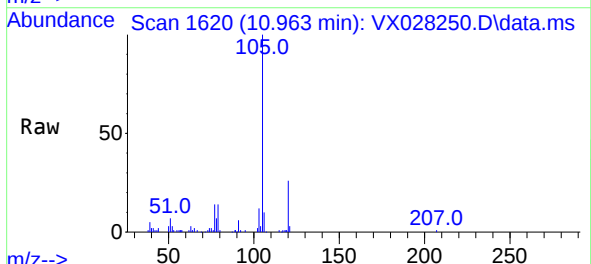
Tgt Ion:152 Resp: 351348
Ion Ratio Lower Upper
152 100
115 57.3 37.5 112.7
150 156.8 0.0 338.2

Manual Integrations
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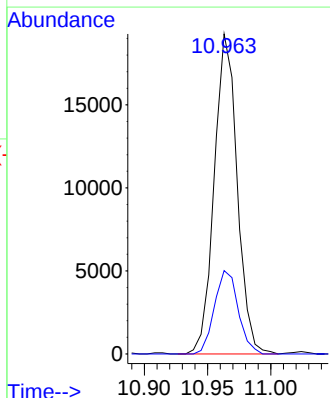
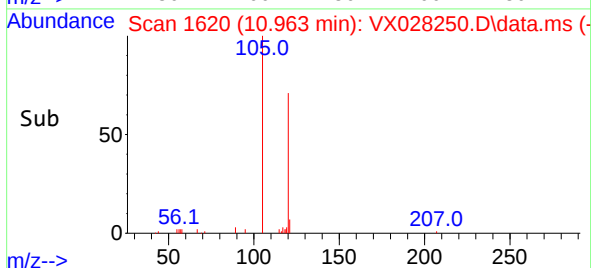
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

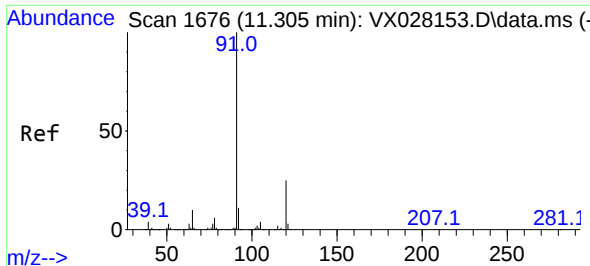


#73
Isopropylbenzene
Concen: 1.006 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



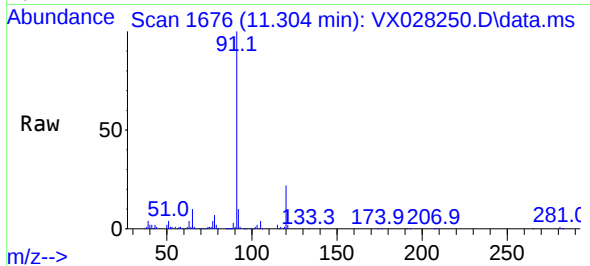
Tgt Ion:105 Resp: 24287
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5





#78
n-propylbenzene
Concen: 1.816 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.001 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

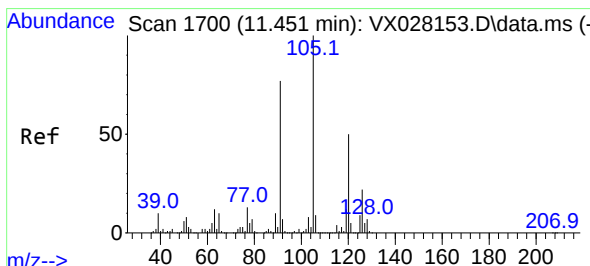
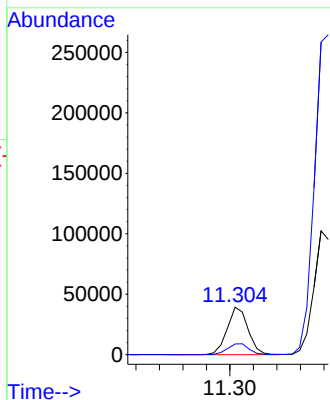
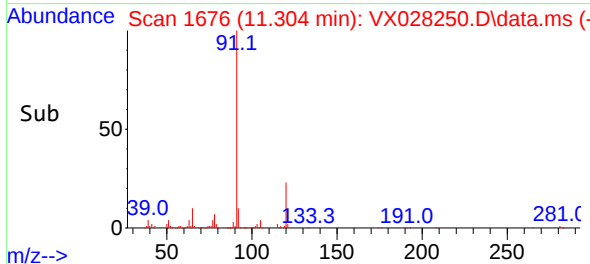
Instrument :
MSVOA_X
ClientSampleId :
31579



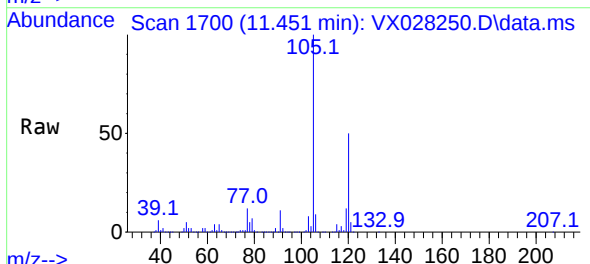
Tgt Ion: 91 Resp: 48620
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8

Manual Integrations
APPROVED

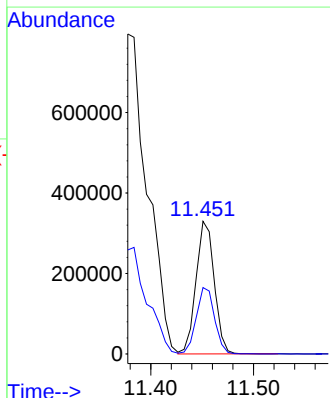
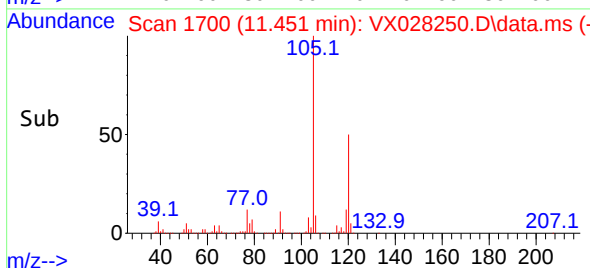
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

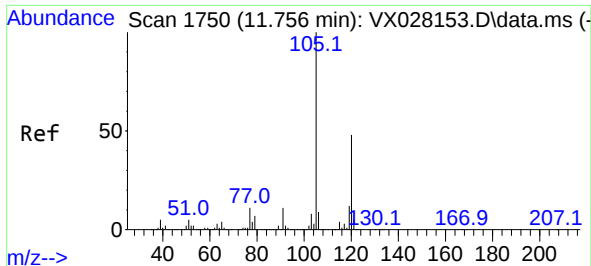


#80
1,3,5-Trimethylbenzene
Concen: 19.920 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



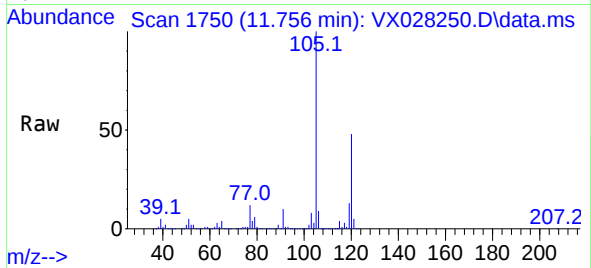
Tgt Ion:105 Resp: 408337
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 71.814 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

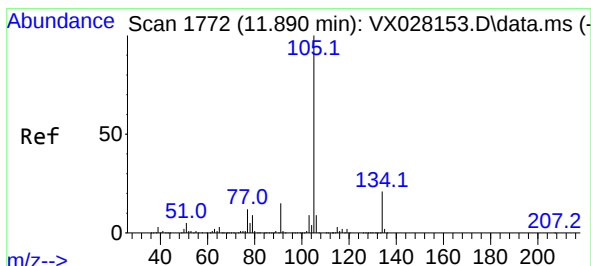
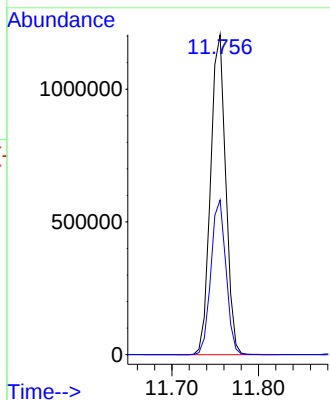
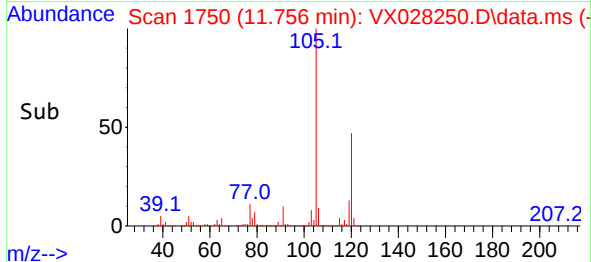
Instrument :
MSVOA_X
ClientSampleId :
31579



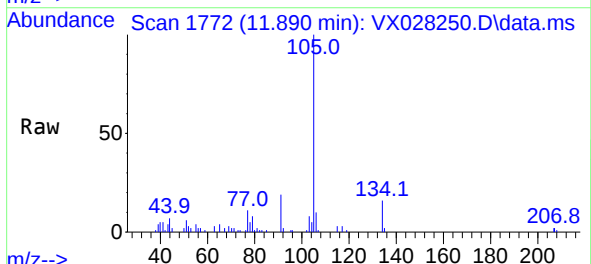
Tgt Ion:105 Resp: 1463368
Ion Ratio Lower Upper
105 100
120 48.0 22.6 67.8

Manual Integrations
APPROVED

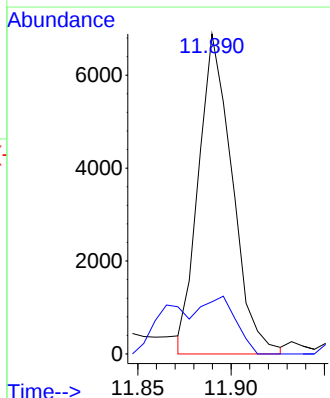
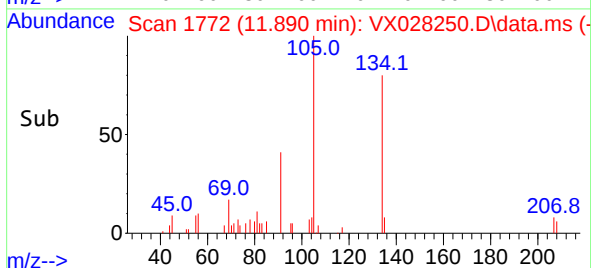
Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

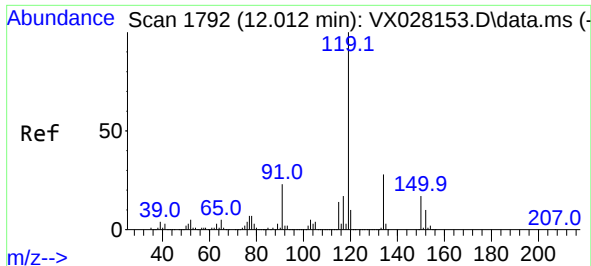


#85
sec-Butylbenzene
Concen: 0.342 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42



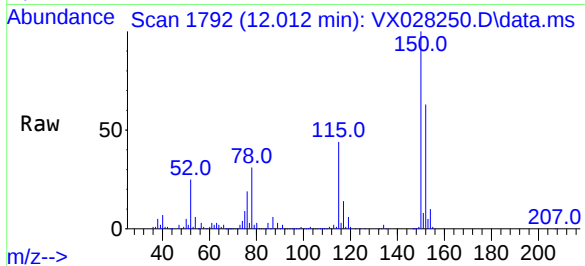
Tgt Ion:105 Resp: 8635
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#86
p-Isopropyltoluene
Concen: 0.468 ug/l m
RT: 12.012 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

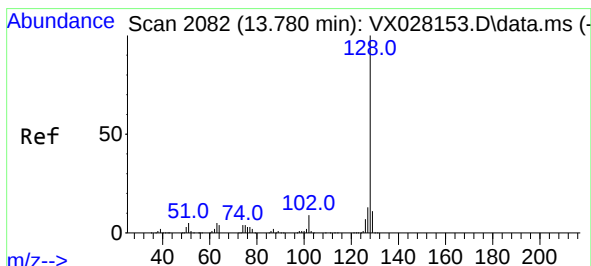
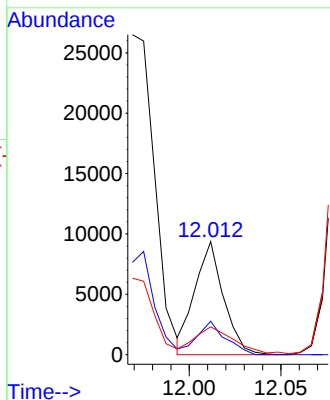
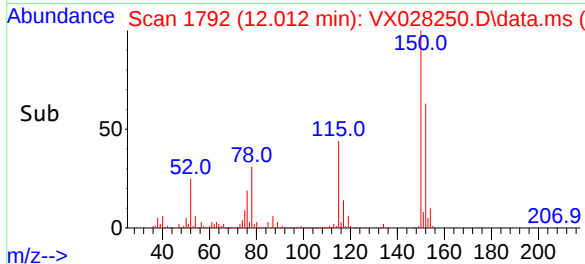
Instrument :
MSVOA_X
ClientSampleId :
31579



Tgt Ion:119 Resp: 10200
Ion Ratio Lower Upper
119 100
134 96.3 13.0 39.0
91 77.6 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022



#95
Naphthalene
Concen: 10.647 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028250.D
Acq: 21 Apr 2022 18:42

Tgt Ion:128 Resp: 247646
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.4 8.7 13.1

