

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028207.D
 Acq On : 20 Apr 2022 18:54
 Operator : JC/MD
 Sample : N2459-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31574

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 06:15:50 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	380674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	665351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	640744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	346806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	263027	52.992	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.980%			
35) Dibromofluoromethane	5.391	113	242408	51.951	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.900%			
50) Toluene-d8	8.653	98	883678	49.309	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.079	95	351281	51.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.520%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	58887	37.657	ug/l	88
22) Diisopropyl ether	3.757	45	11828	1.058	ug/l #	82
25) 2-Butanone	4.562	43	30468	10.365	ug/l	97
31) Cyclohexane	5.477	56	69760	11.536	ug/l	96
39) Methylcyclohexane	7.385	83	25988	3.384	ug/l	95
40) Benzene	6.044	78	1981634	111.226	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	4750	0.736	ug/l	95
52) Toluene	8.720	92	2330037	188.244	ug/l	96
59) 2-Hexanone	9.439	43	2882	0.577	ug/l	87
67) Ethyl Benzene	10.195	91	116442	5.083	ug/l	97
68) m/p-Xylenes	10.305	106	1604484	172.097	ug/l	92
69) o-Xylene	10.640	106	886020	95.319	ug/l	94
73) Isopropylbenzene	10.963	105	12709	0.533	ug/l	99
78) n-propylbenzene	11.305	91	9570	0.362	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	499818	24.701	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1791495	89.068	ug/l	95
86) p-Isopropyltoluene	12.012	119	8572m	0.399	ug/l	
95) Naphthalene	13.774	128	289440	12.606	ug/l	100

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

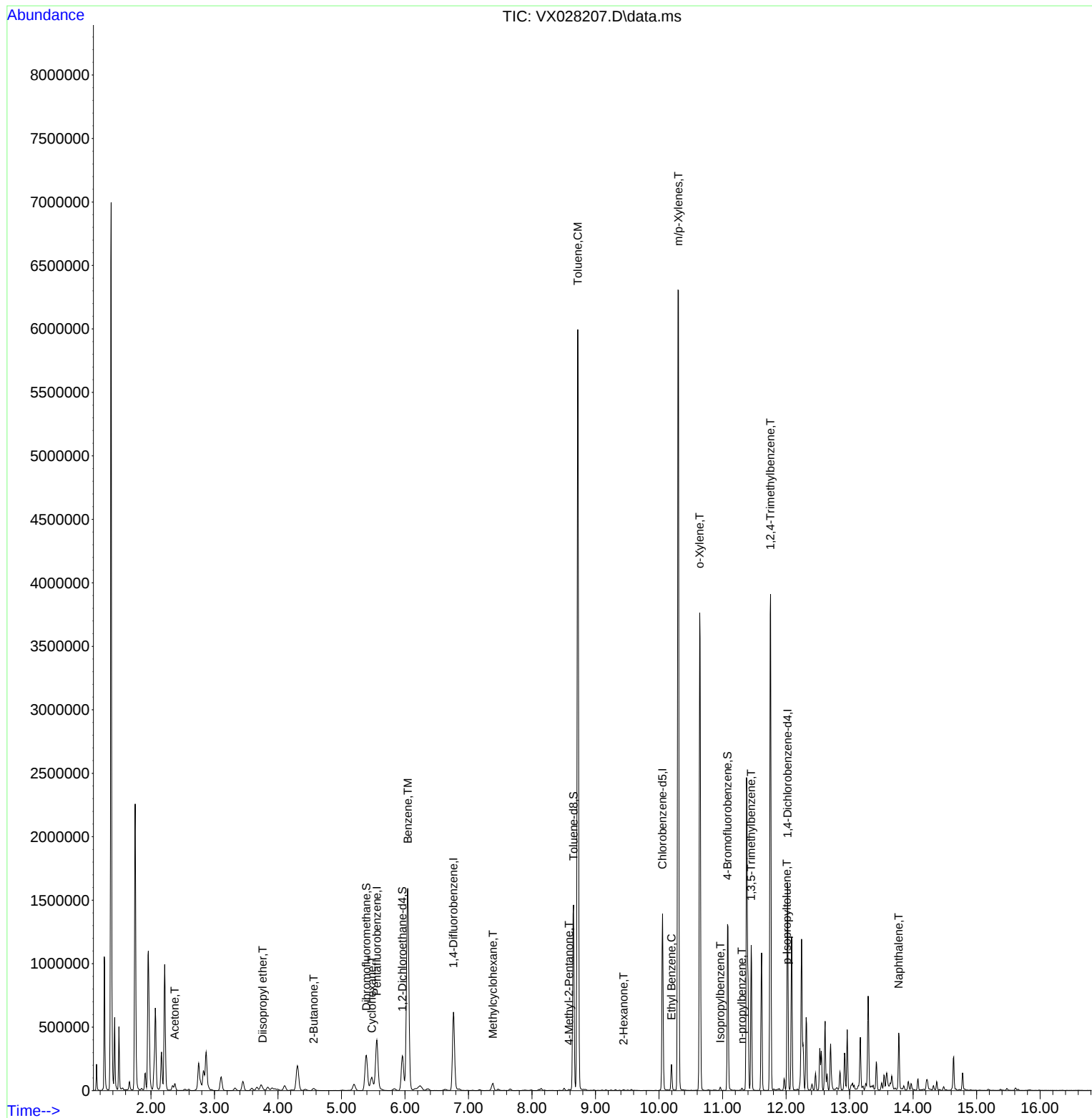
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
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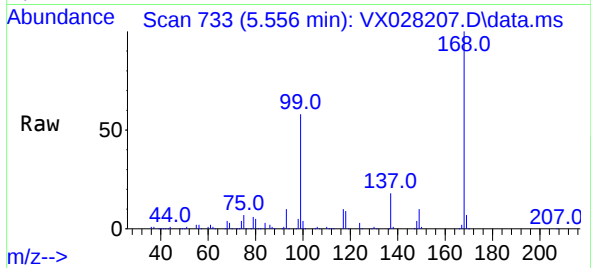
Reviewed By : John Carlone 04/21/2022
Supervised By : Mahesh Dadoda 04/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

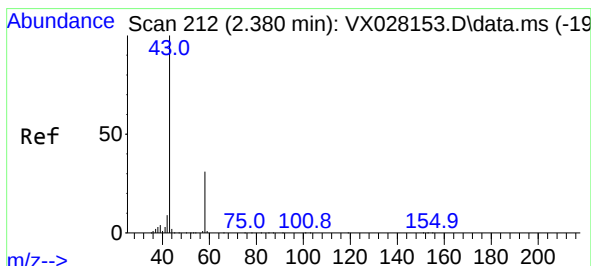
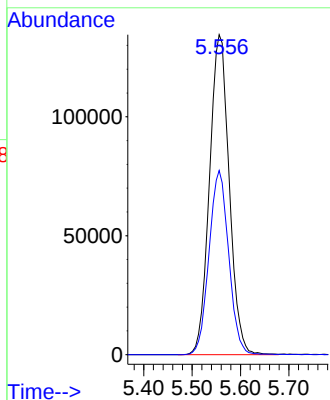
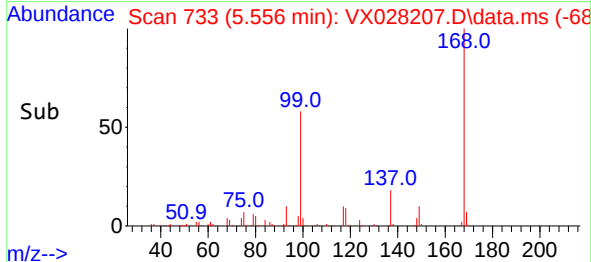
Instrument :
MSVOA_X
ClientSampleId :
31574



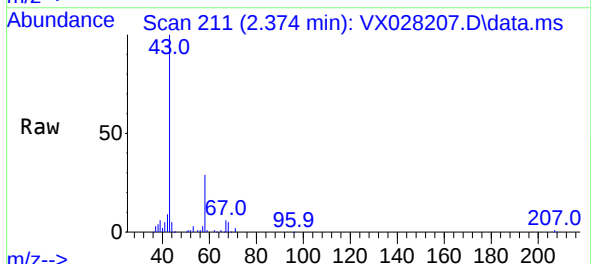
Tgt Ion:168 Resp: 380674
Ion Ratio Lower Upper
168 100
99 57.5 41.7 62.5

Manual Integrations
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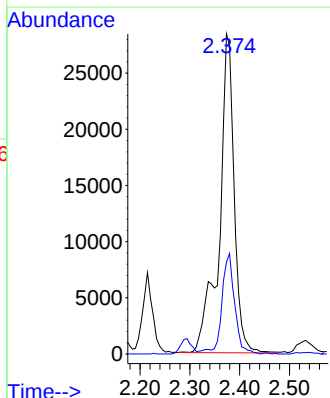
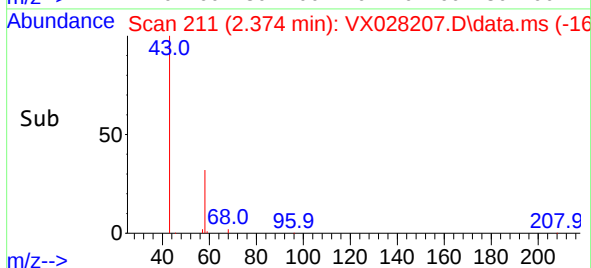
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

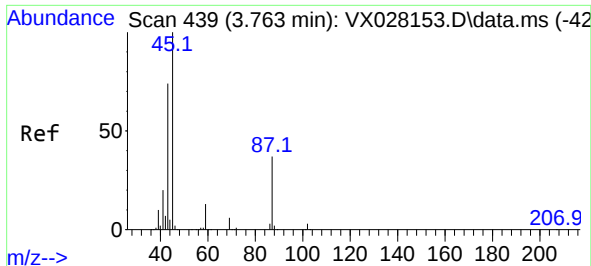


#16
Acetone
Concen: 37.657 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



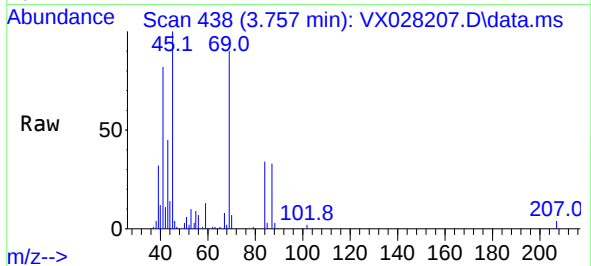
Tgt Ion: 43 Resp: 58887
Ion Ratio Lower Upper
43 100
58 28.9 28.8 43.2





#22
Diisopropyl ether
Concen: 1.058 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

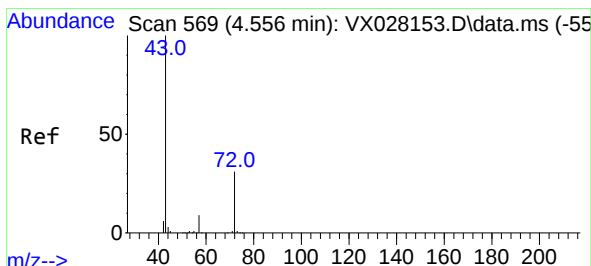
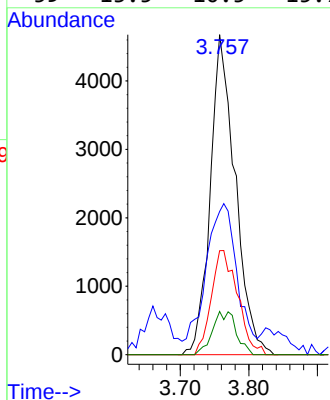
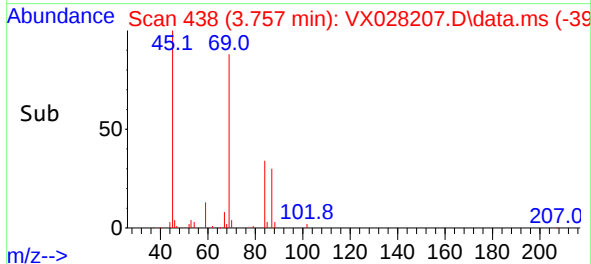
Instrument :
MSVOA_X
ClientSampleId :
31574



Tgt Ion:	45	Resp:	11828
Ion	Ratio	Lower	Upper
45	100		
43	39.6	50.8	76.2
87	32.5	26.6	39.8
59	13.5	10.5	15.7

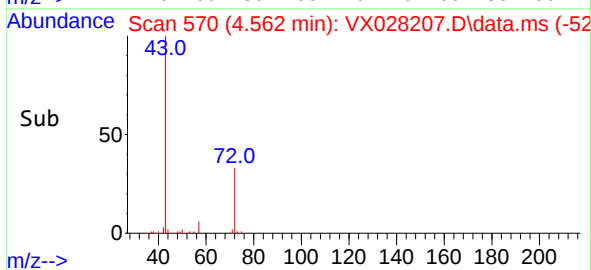
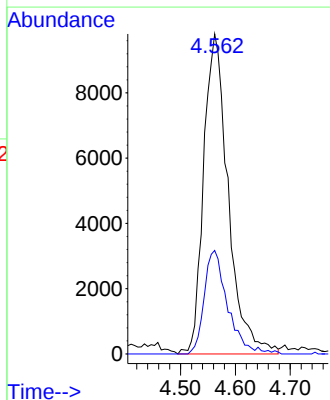
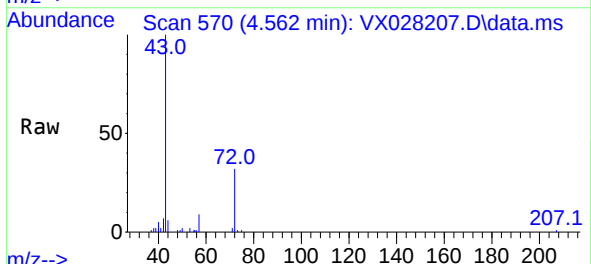
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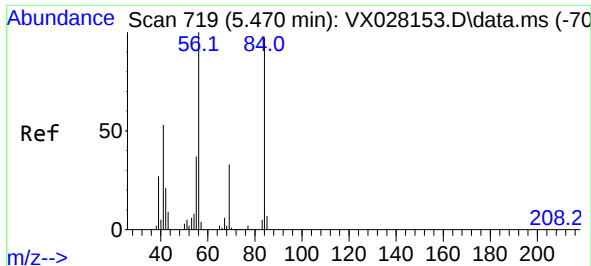
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#25
2-Butanone
Concen: 10.365 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

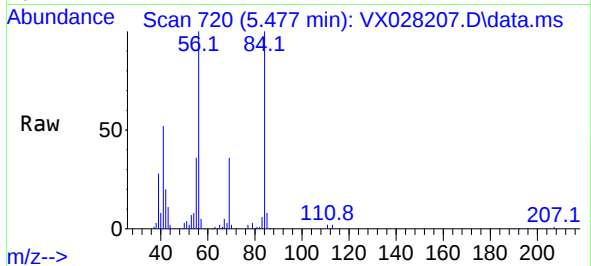
Tgt Ion:	43	Resp:	30468
Ion	Ratio	Lower	Upper
43	100		
72	32.3	24.4	36.6





#31
Cyclohexane
Concen: 11.536 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

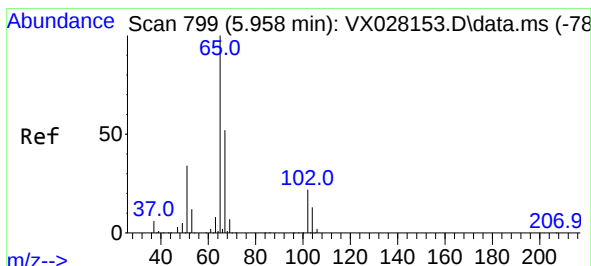
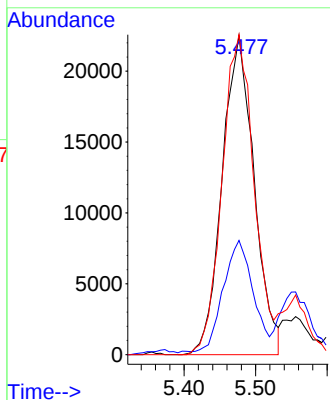
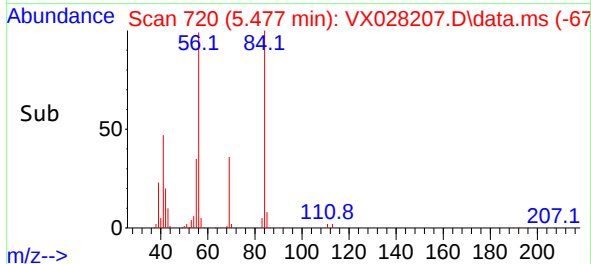
Instrument :
MSVOA_X
ClientSampleId :
31574



Tgt Ion: 56 Resp: 69760
Ion Ratio Lower Upper
56 100
69 35.2 26.7 40.1
84 100.4 77.2 115.8

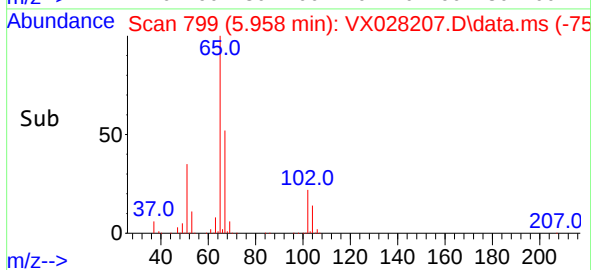
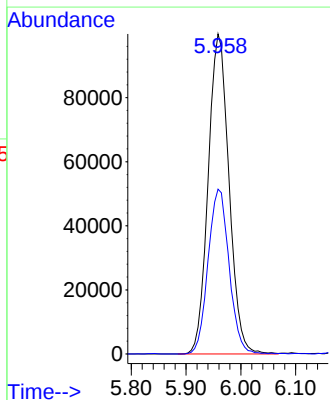
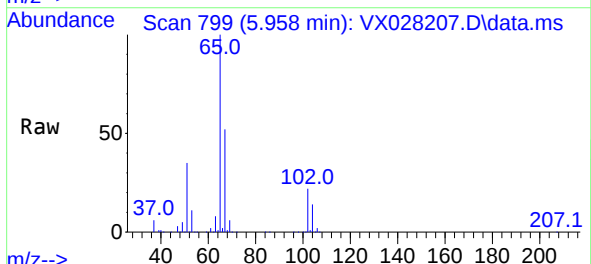
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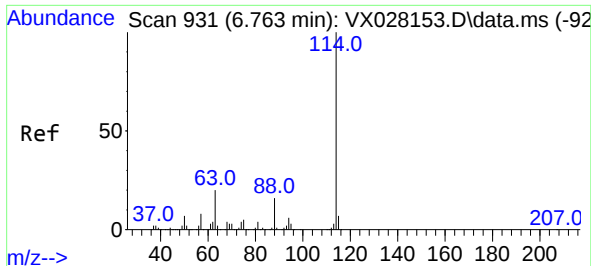
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 52.992 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

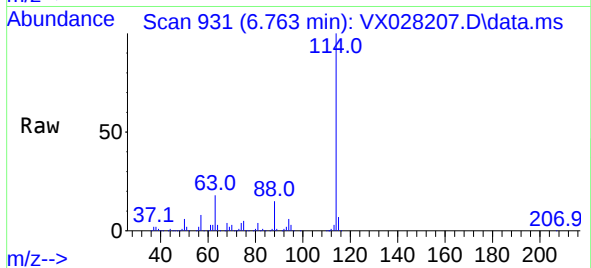
Tgt Ion: 65 Resp: 263027
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

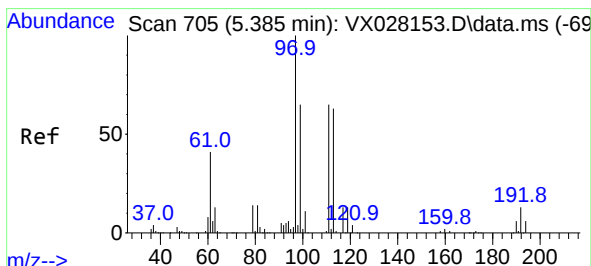
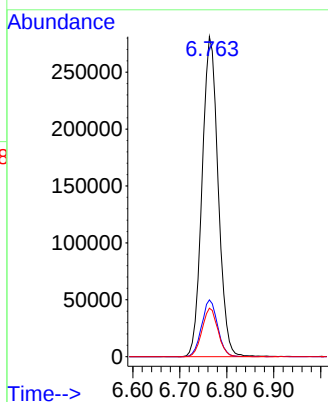
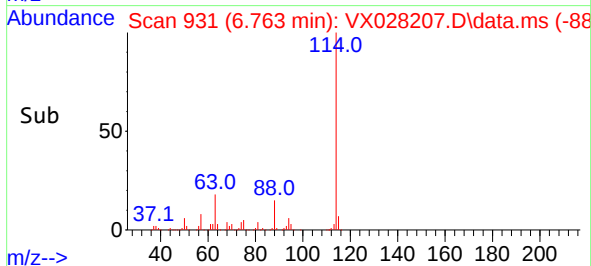
Instrument :
MSVOA_X
ClientSampleId :
31574



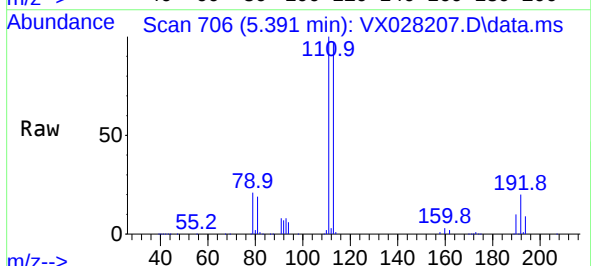
Tgt Ion:114 Resp: 66535
Ion Ratio Lower Upper
114 100
63 17.8 0.0 36.8
88 15.1 0.0 32.4

Manual Integrations
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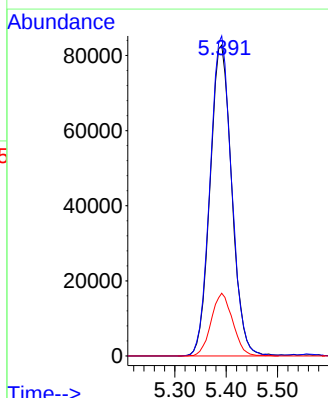
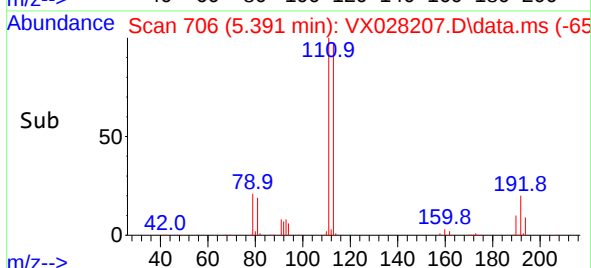
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

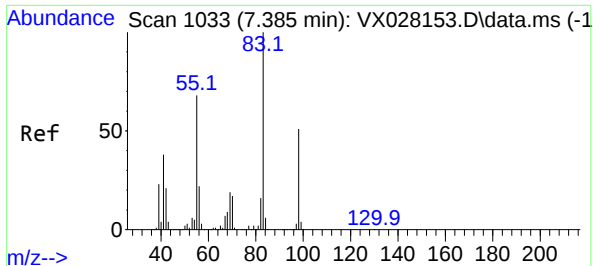


#35
Dibromofluoromethane
Concen: 51.951 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



Tgt Ion:113 Resp: 242408
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 20.0 16.9 25.3





#39

Methylcyclohexane

Concen: 3.384 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Instrument :

MSVOA_X

ClientSampleId :

31574

Tgt Ion: 83 Resp: 2598

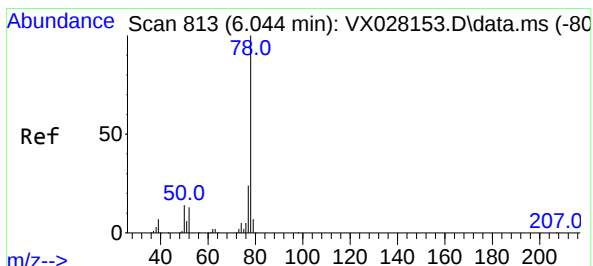
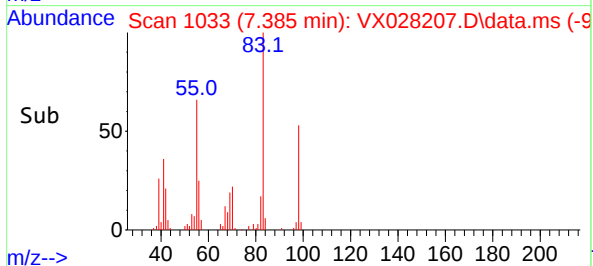
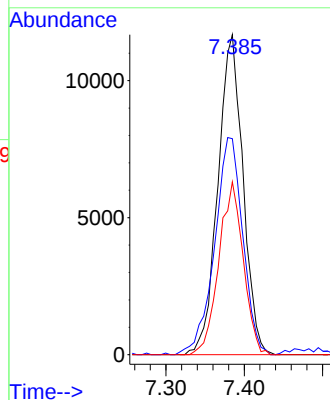
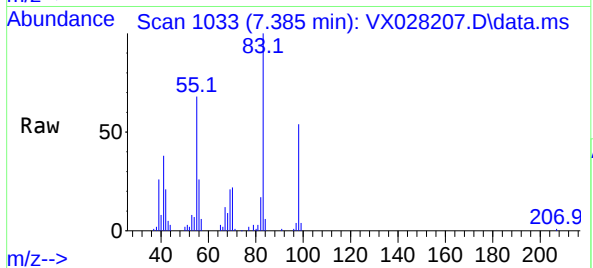
Ion	Ratio	Lower	Upper
83	100		
55	67.0	54.6	81.8
98	54.0	37.4	56.2

Manual Integrations

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Supervised By :Mahesh Dadoda 04/21/2022



#40

Benzene

Concen: 111.226 ug/l

RT: 6.044 min Scan# 813

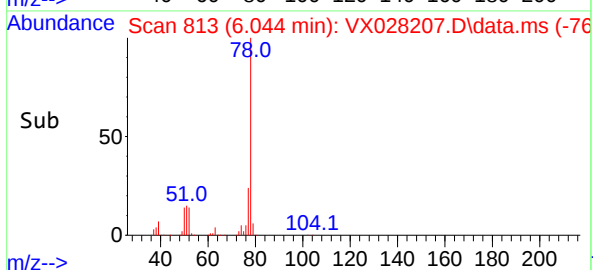
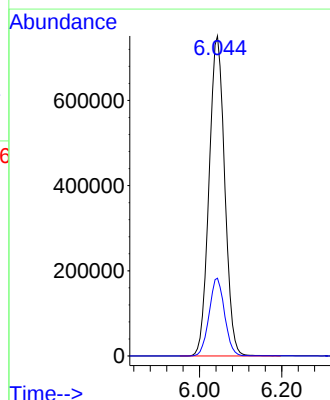
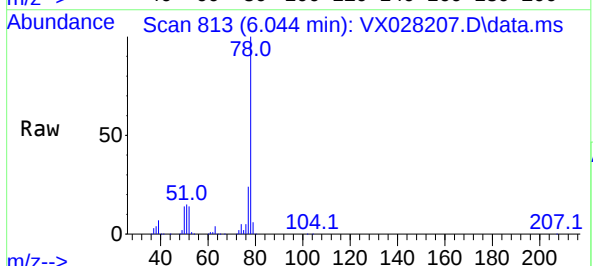
Delta R.T. -0.000 min

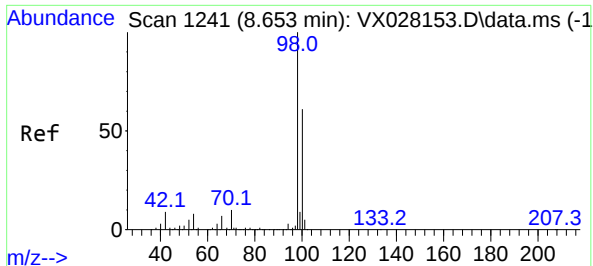
Lab File: VX028207.D

Acq: 20 Apr 2022 18:54

Tgt Ion: 78 Resp: 1981634

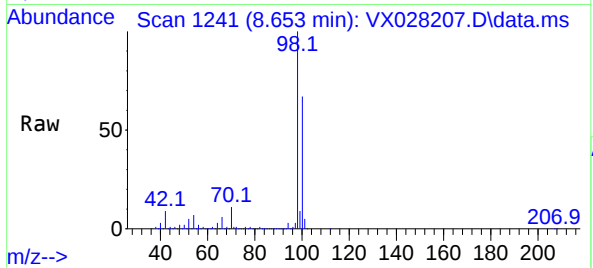
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.3	28.9





#50
Toluene-d8
Concen: 49.309 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

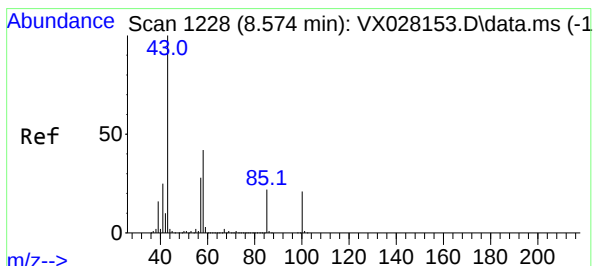
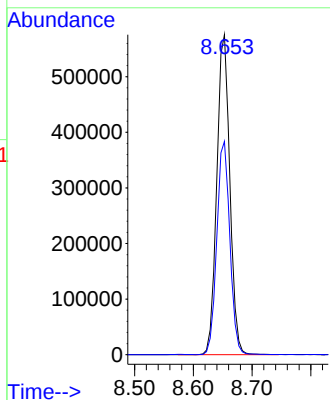
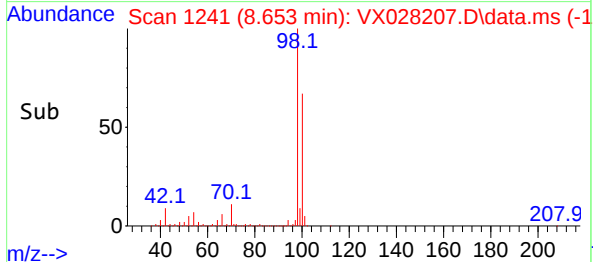
Instrument :
MSVOA_X
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31574



Tgt Ion: 98 Resp: 883678
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

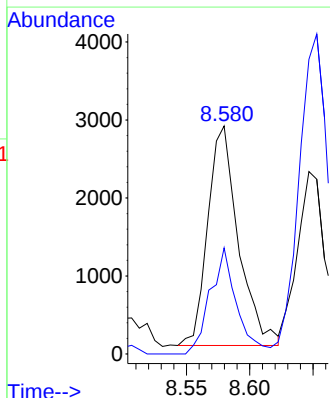
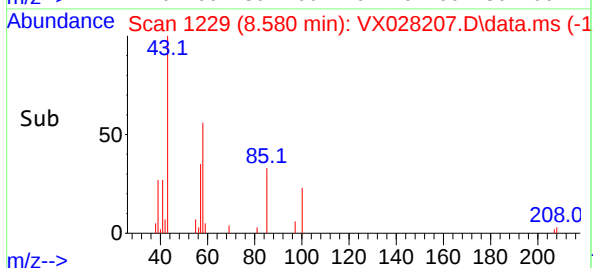
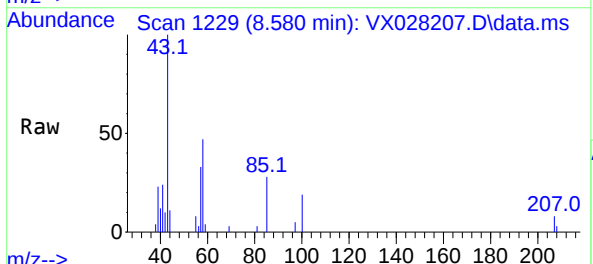
Manual Integrations
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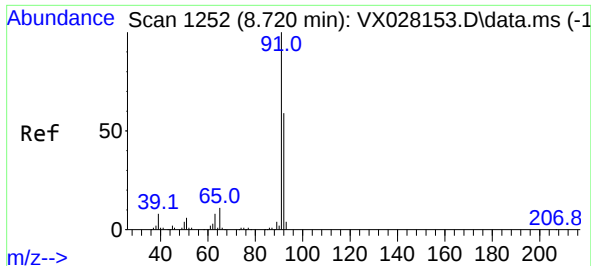
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#51
4-Methyl-2-Pentanone
Concen: 0.736 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

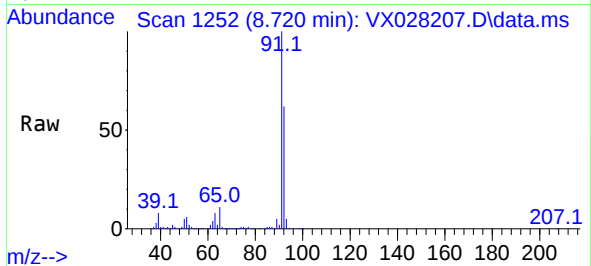
Tgt Ion: 43 Resp: 4750
Ion Ratio Lower Upper
43 100
58 41.6 36.1 54.1





#52
Toluene
Concen: 188.244 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

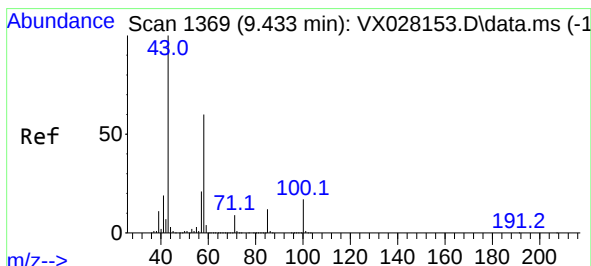
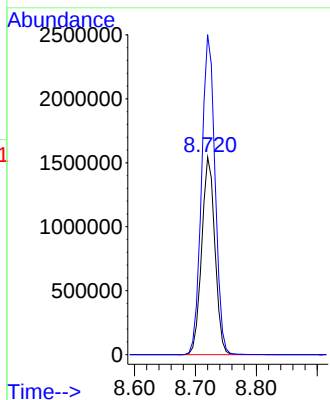
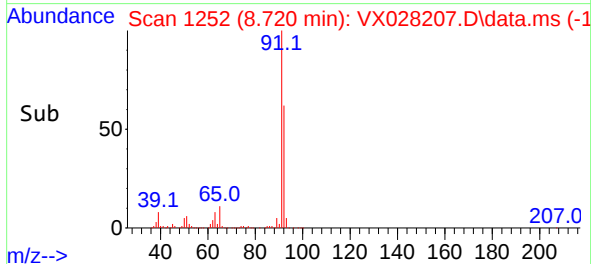
Instrument :
MSVOA_X
ClientSampleId :
31574



Tgt Ion: 92 Resp: 233003
Ion Ratio Lower Upper
92 100
91 165.8 137.5 206.3

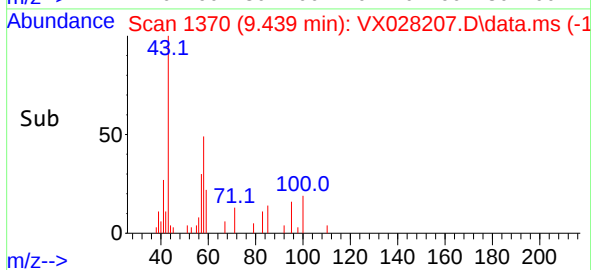
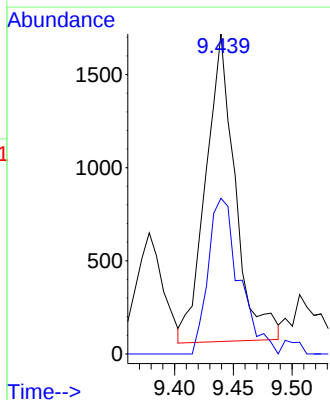
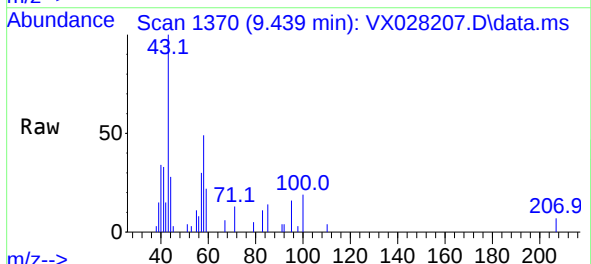
Manual Integrations
APPROVED

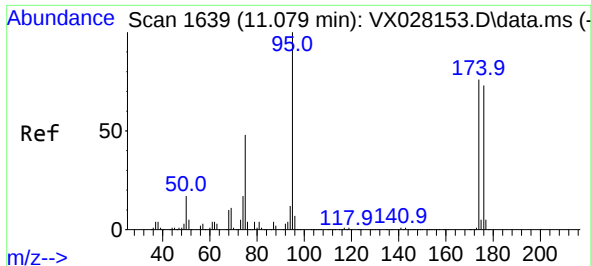
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#59
2-Hexanone
Concen: 0.577 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

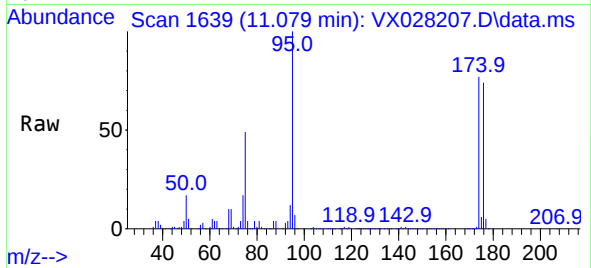
Tgt Ion: 43 Resp: 2882
Ion Ratio Lower Upper
43 100
58 53.4 31.9 95.7





#62
4-Bromofluorobenzene
Concen: 51.264 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

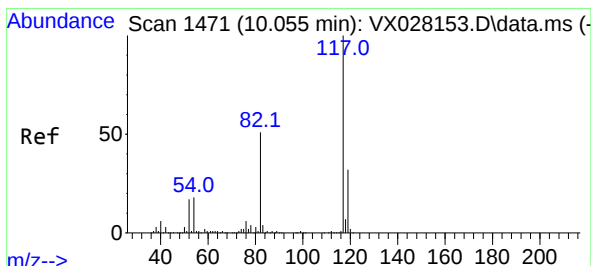
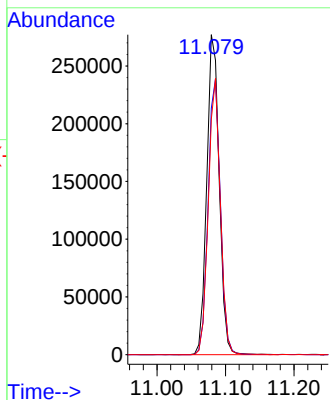
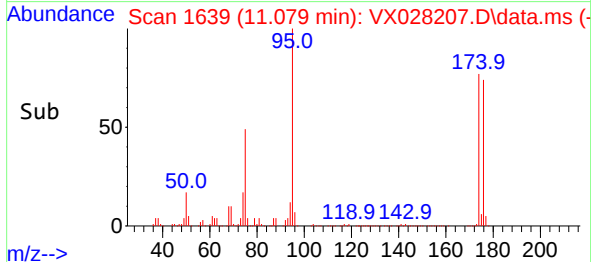
Instrument :
MSVOA_X
ClientSampleId :
31574



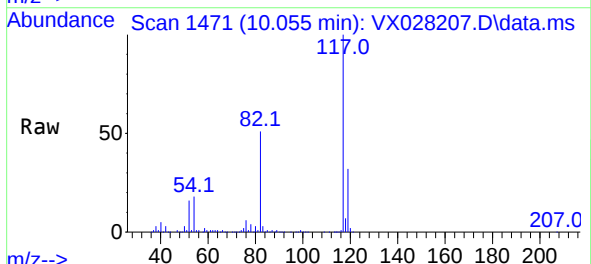
Tgt Ion: 95 Resp: 35128
Ion Ratio Lower Upper
95 100
174 85.1 0.0 163.0
176 83.5 0.0 155.0

Manual Integrations
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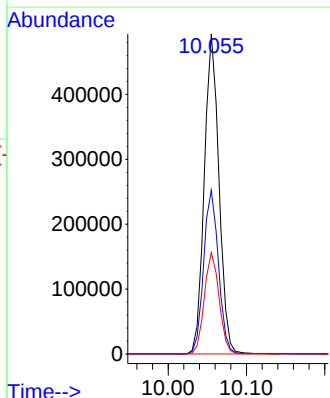
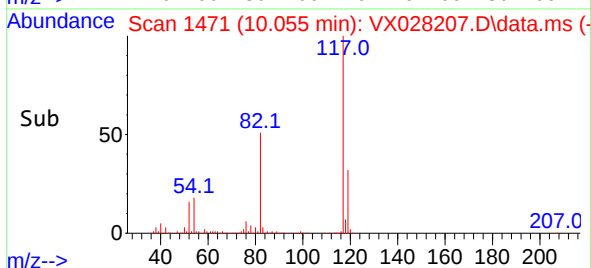
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

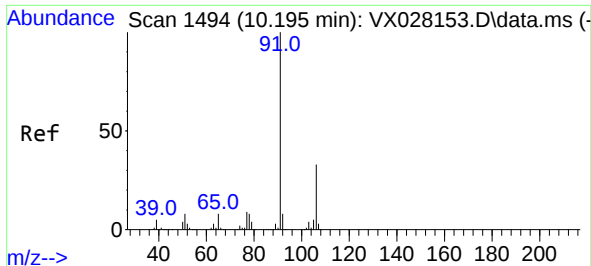


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



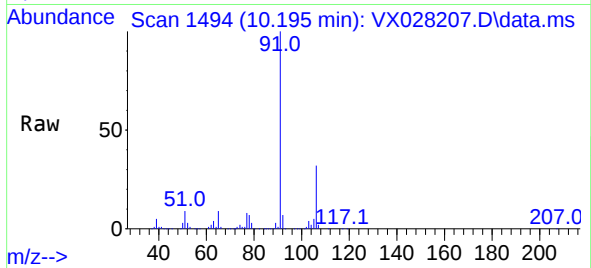
Tgt Ion:117 Resp: 640744
Ion Ratio Lower Upper
117 100
82 51.2 41.8 62.8
119 31.7 24.8 37.2





#67
Ethyl Benzene
Concen: 5.083 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

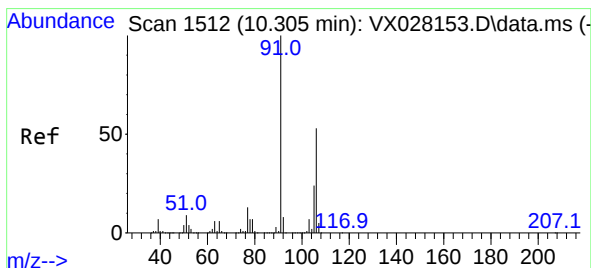
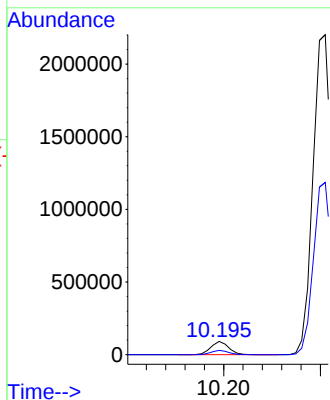
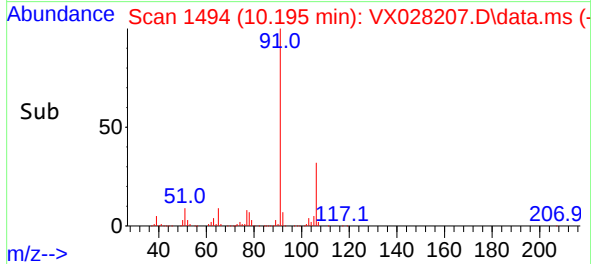
Instrument :
MSVOA_X
ClientSampleId :
31574



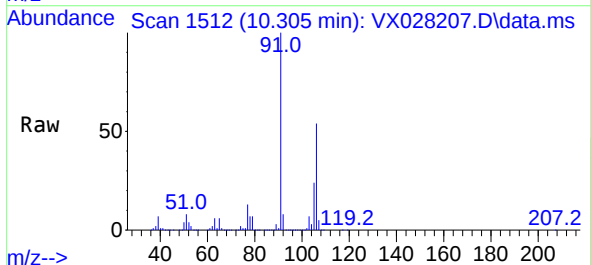
Tgt Ion: 91 Resp: 116442
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8

Manual Integrations
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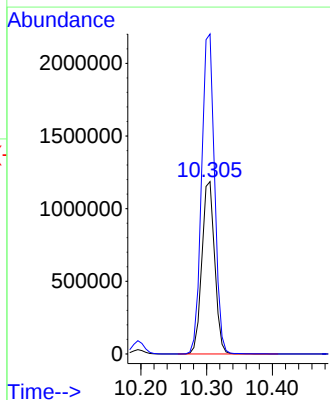
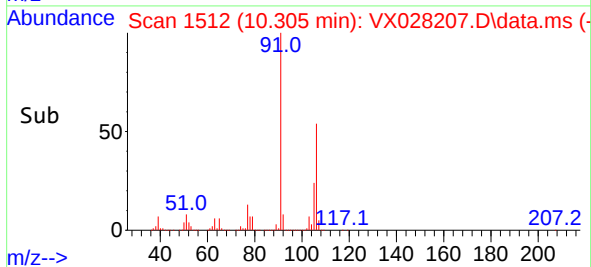
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

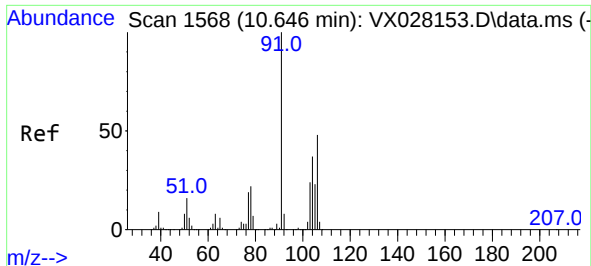


#68
m/p-Xylenes
Concen: 172.097 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



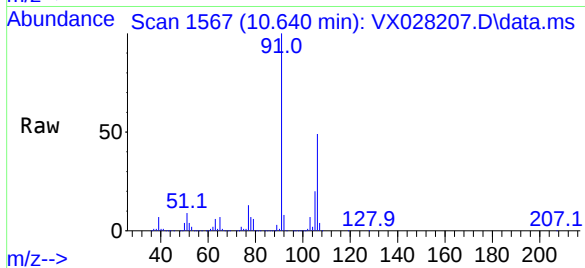
Tgt Ion:106 Resp: 1604484
Ion Ratio Lower Upper
106 100
91 188.6 160.4 240.6





#69
o-Xylene
Concen: 95.319 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

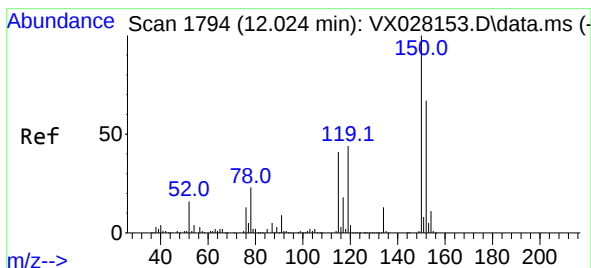
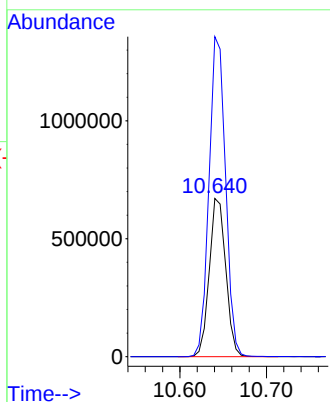
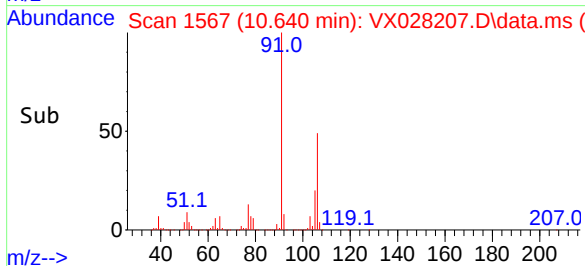
Instrument :
MSVOA_X
ClientSampleId :
31574



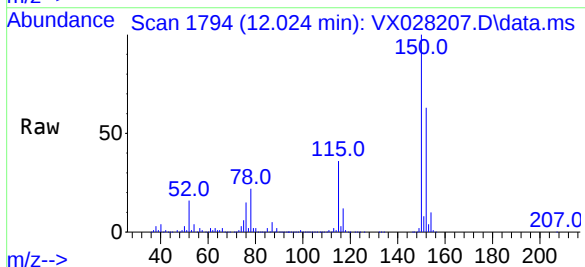
Tgt Ion:106 Resp: 886020
Ion Ratio Lower Upper
106 100
91 203.1 106.1 318.1

Manual Integrations
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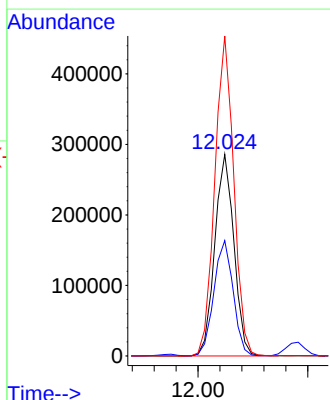
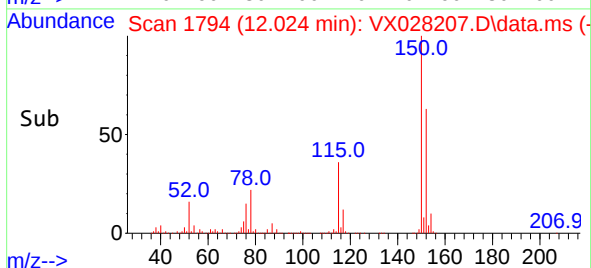
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

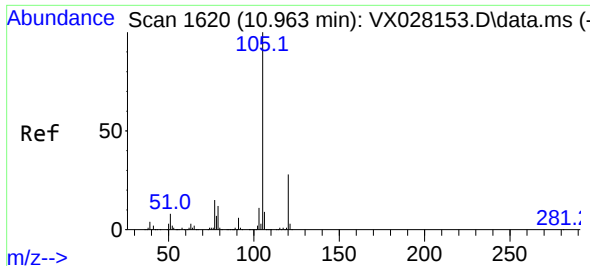


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



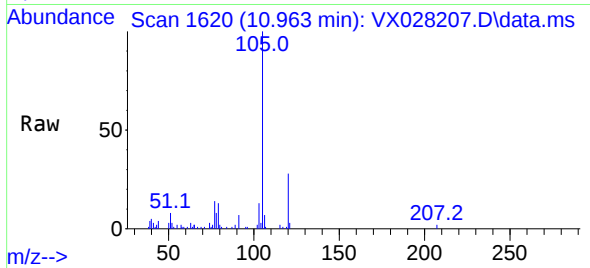
Tgt Ion:152 Resp: 346806
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 157.4 0.0 338.2





#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

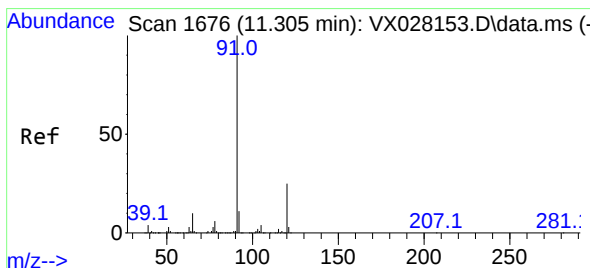
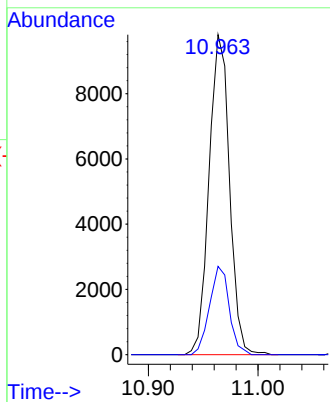
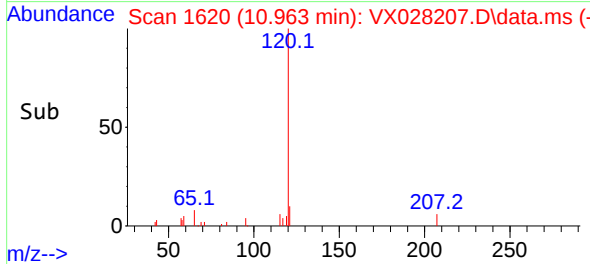
Instrument :
MSVOA_X
ClientSampleId :
31574



Tgt Ion:105 Resp: 12709
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5

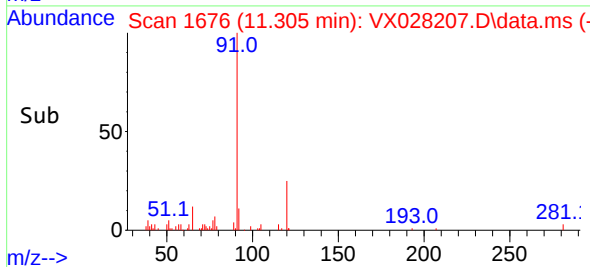
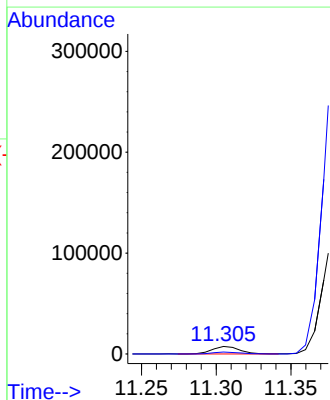
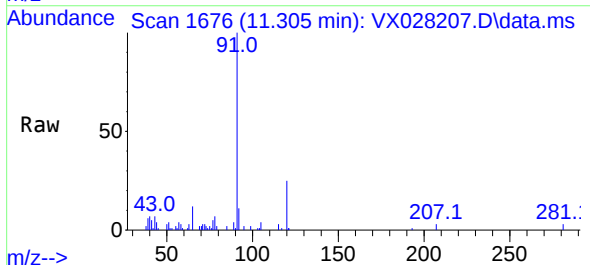
Manual Integrations
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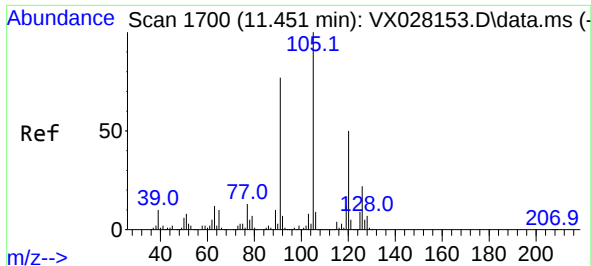
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 0.362 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

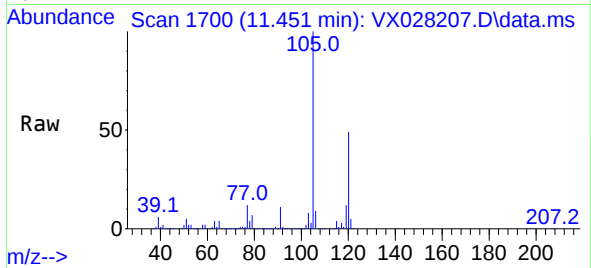
Tgt Ion: 91 Resp: 9570
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#





#80
1,3,5-Trimethylbenzene
Concen: 24.701 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

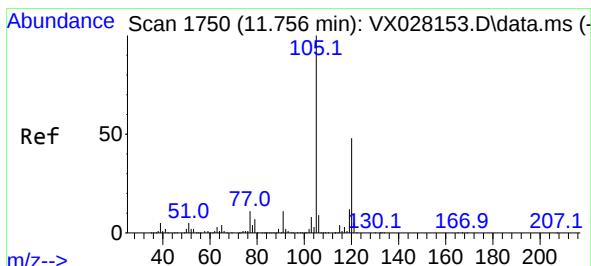
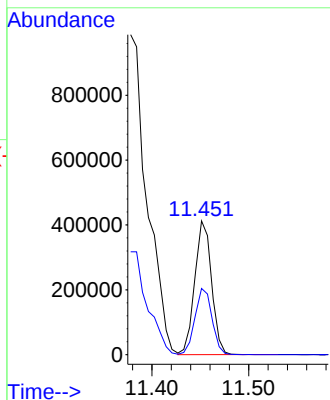
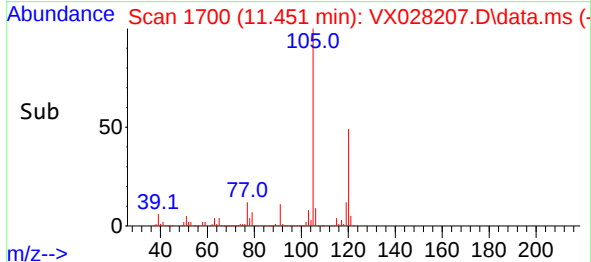
Instrument :
MSVOA_X
ClientSampleId :
31574



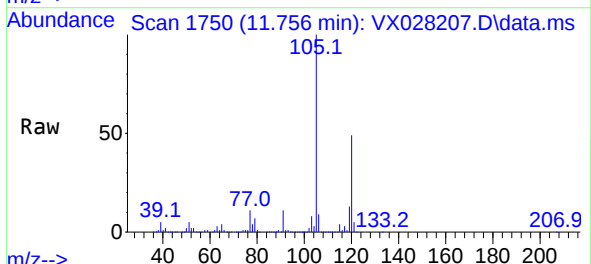
Tgt Ion:105 Resp: 499818
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.9

Manual Integrations
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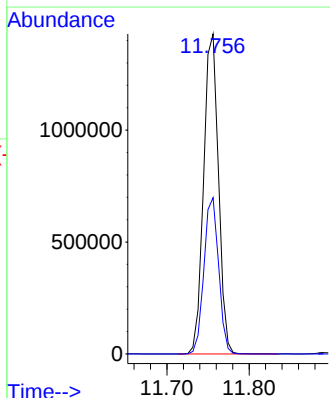
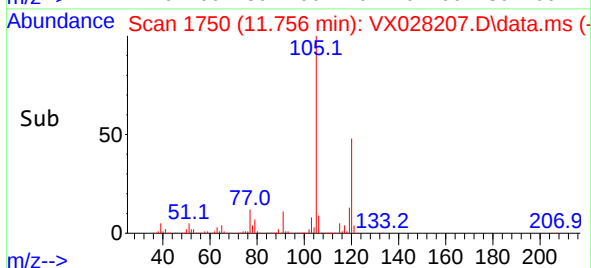
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

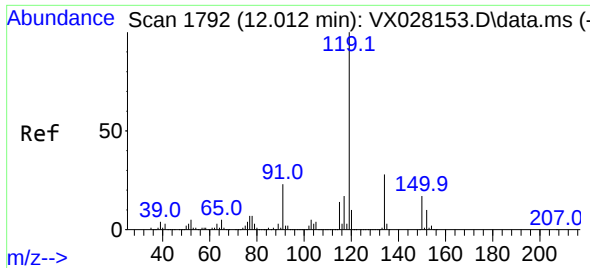


#84
1,2,4-Trimethylbenzene
Concen: 89.068 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



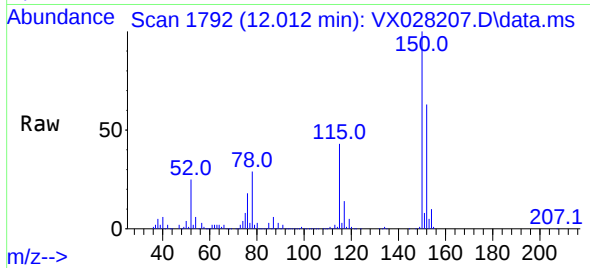
Tgt Ion:105 Resp: 1791495
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.8





#86
p-Isopropyltoluene
Concen: 0.399 ug/l m
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54

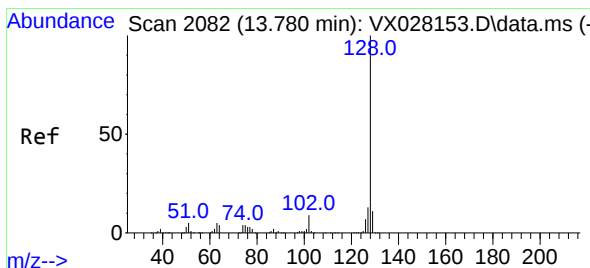
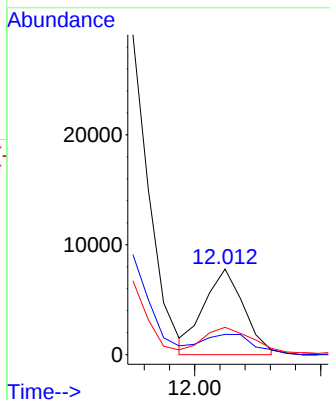
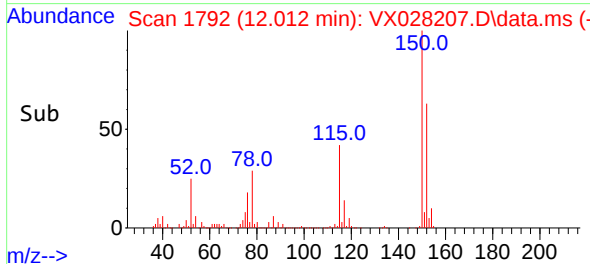
Instrument :
MSVOA_X
ClientSampleId :
31574



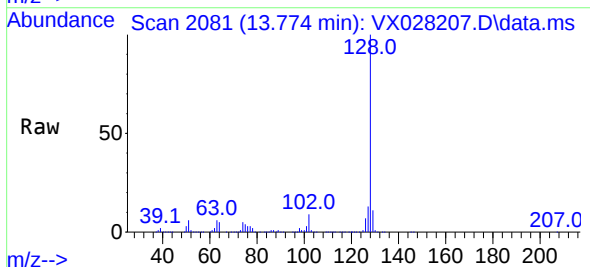
Tgt Ion:119 Resp: 8572
Ion Ratio Lower Upper
119 100
134 144.5 13.0 39.0
91 110.1 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#95
Naphthalene
Concen: 12.606 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX028207.D
Acq: 20 Apr 2022 18:54



Tgt Ion:128 Resp: 289440
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.7 13.1

