

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
 Data File : VX028208.D
 Acq On : 20 Apr 2022 19:17
 Operator : JC/MD
 Sample : N2459-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31575

Manual Integrations
 APPROVED

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

Quant Time: Apr 21 06:16:11 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	392606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	673900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	643390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	325644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	269969	52.737	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.480%			
35) Dibromofluoromethane	5.391	113	252064	53.335	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.680%			
50) Toluene-d8	8.653	98	905018	49.859	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.720%			
62) 4-Bromofluorobenzene	11.079	95	344065	49.574	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.140%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	19473	11.121	ug/l	96
22) Diisopropyl ether	3.764	45	4551	0.395	ug/l	92
25) 2-Butanone	4.556	43	19231	6.343	ug/l	93
31) Cyclohexane	5.477	56	28450	4.562	ug/l	93
39) Methylcyclohexane	7.385	83	10221	1.314	ug/l	94
40) Benzene	6.044	78	829917	45.991	ug/l	100
52) Toluene	8.720	92	1076830	85.894	ug/l	98
67) Ethyl Benzene	10.195	91	138769	6.033	ug/l	99
68) m/p-Xylenes	10.305	106	505174	53.962	ug/l	95
69) o-Xylene	10.646	106	351715	37.682	ug/l	96
73) Isopropylbenzene	10.963	105	10518	0.470	ug/l	98
78) n-propylbenzene	11.305	91	16067	0.647	ug/l #	52
80) 1,3,5-Trimethylbenzene	11.451	105	190470	10.025	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	406929	21.546	ug/l	97
86) p-Isopropyltoluene	12.006	119	6475m	0.321	ug/l	
95) Naphthalene	13.774	128	95388	4.425	ug/l	98

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

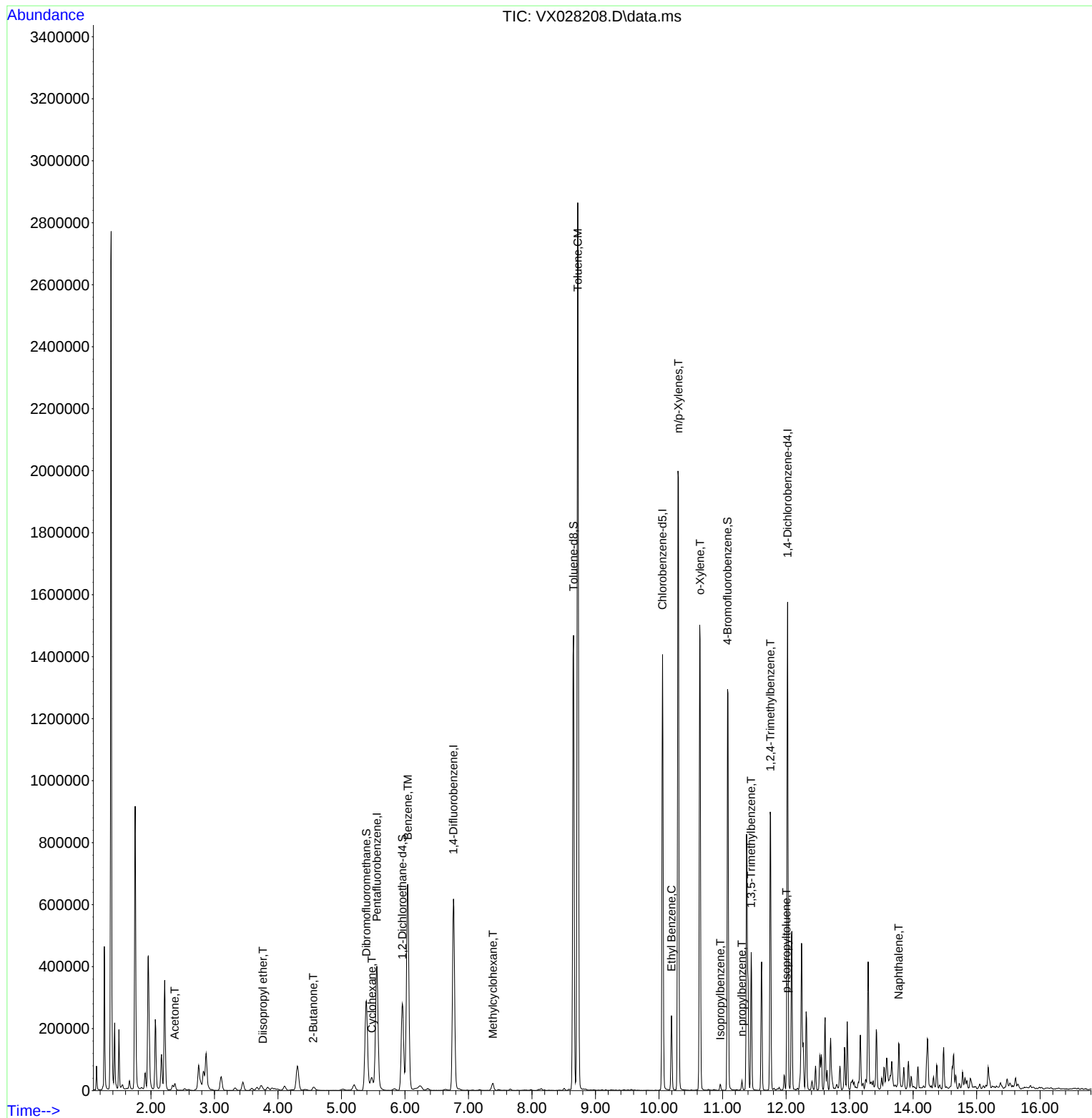
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042022\
Data File : VX028208.D
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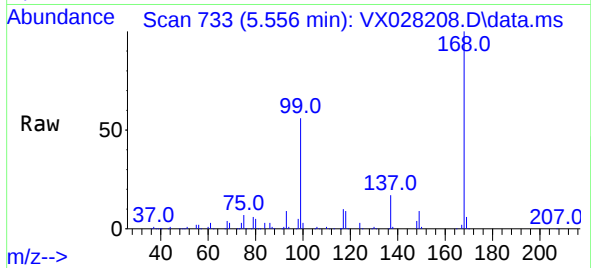
Quant Time: Apr 21 06:16:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 19 13:38:04 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

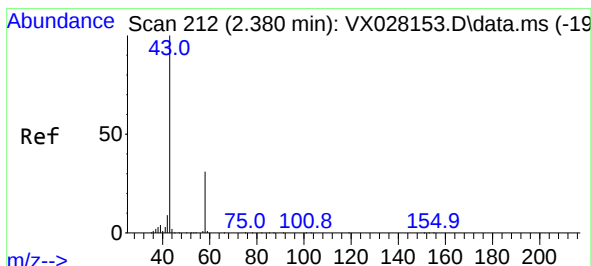
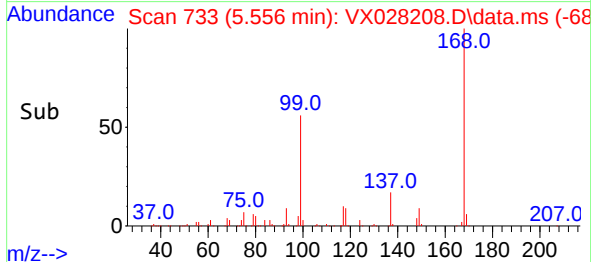
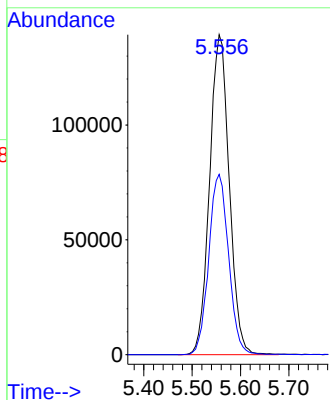
Instrument :
MSVOA_X
ClientSampleId :
31575



Tgt Ion:168 Resp: 392600
Ion Ratio Lower Upper
168 100
99 56.4 41.7 62.5

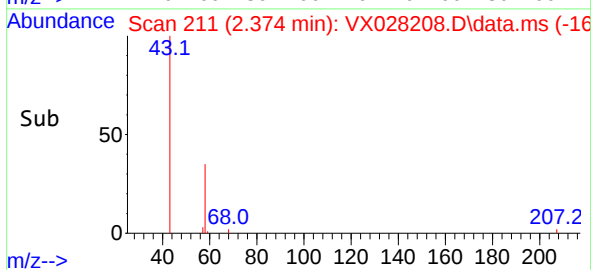
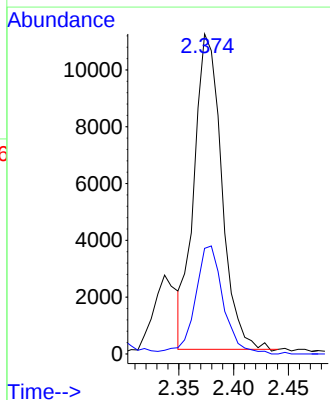
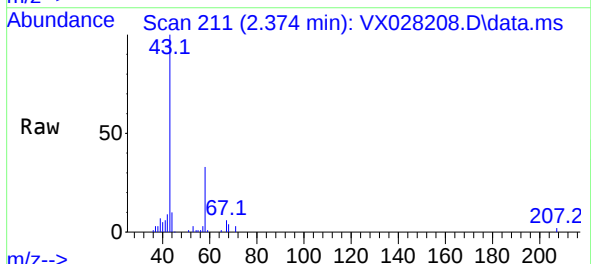
Manual Integrations
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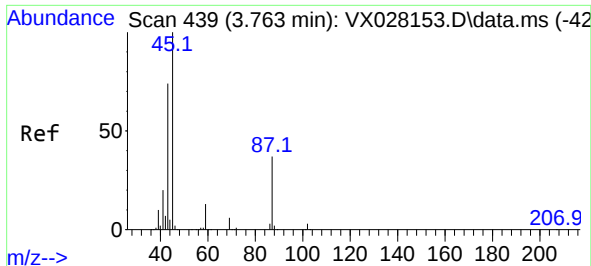
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#16
Acetone
Concen: 11.121 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

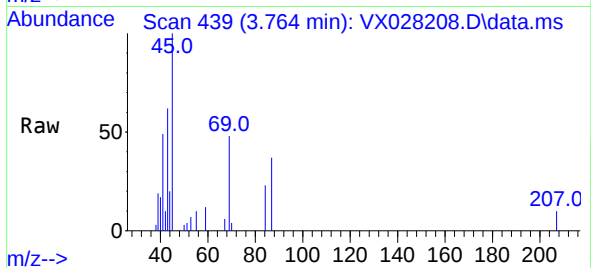
Tgt Ion: 43 Resp: 19473
Ion Ratio Lower Upper
43 100
58 33.5 28.8 43.2





#22
Diisopropyl ether
Concen: 0.395 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

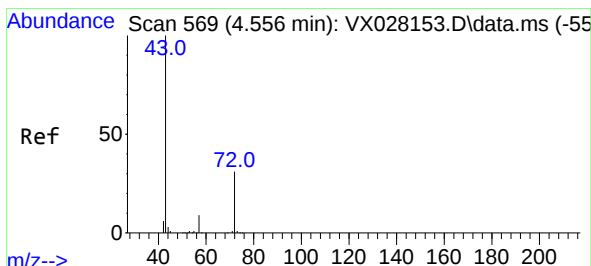
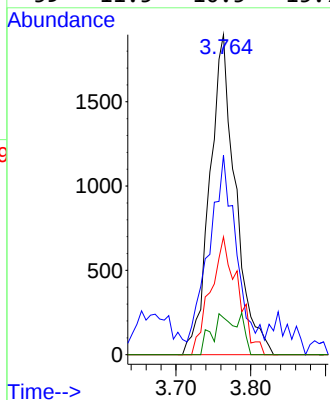
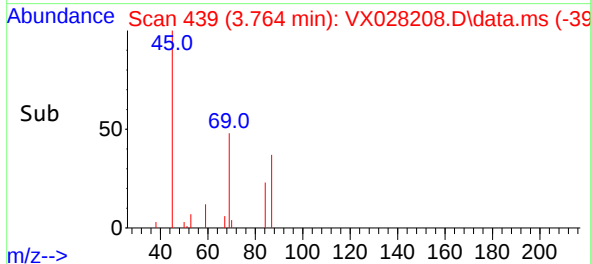
Instrument :
MSVOA_X
ClientSampleId :
31575



Tgt Ion: 45 Resp: 455
Ion Ratio Lower Upper
45 100
43 55.3 50.8 76.2
87 36.8 26.6 39.8
59 11.5 10.5 15.7

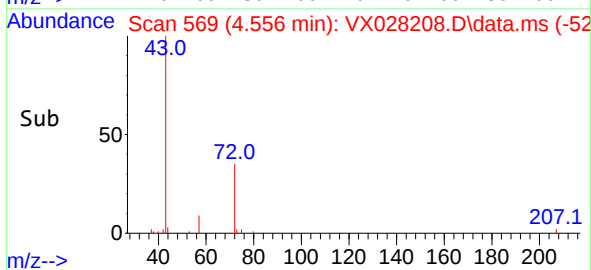
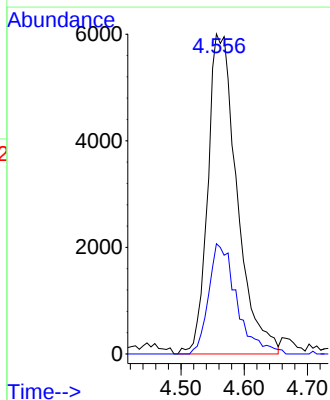
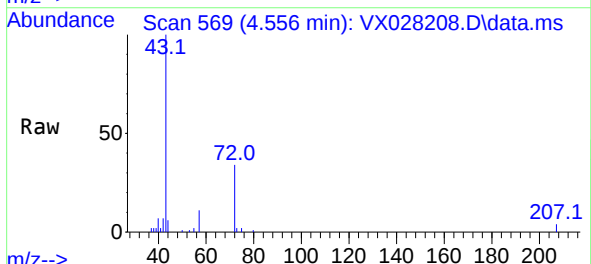
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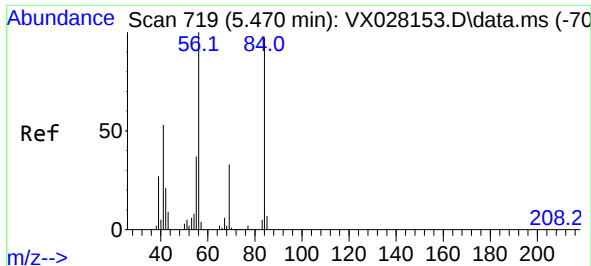
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#25
2-Butanone
Concen: 6.343 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

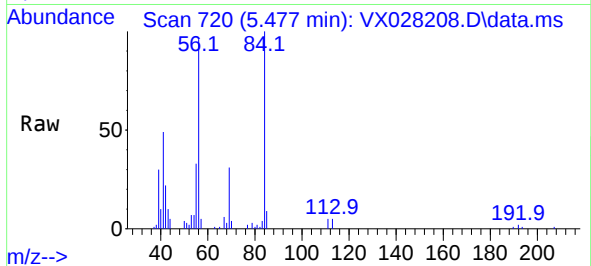
Tgt Ion: 43 Resp: 19231
Ion Ratio Lower Upper
43 100
72 34.4 24.4 36.6





#31
Cyclohexane
Concen: 4.562 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

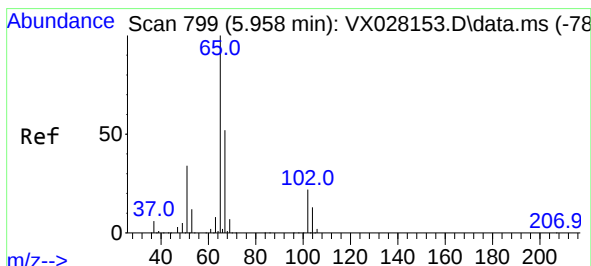
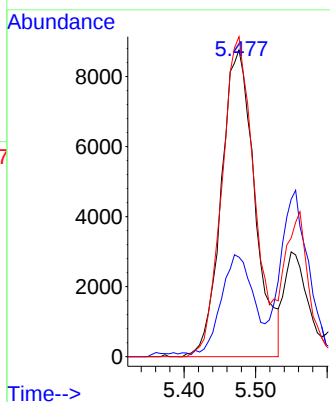
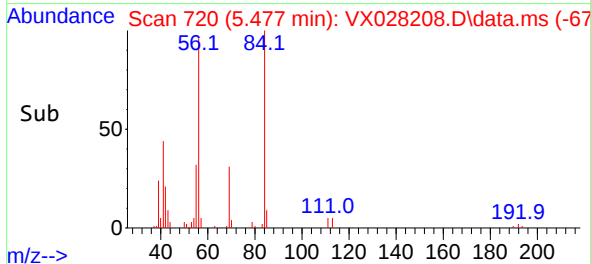
Instrument :
MSVOA_X
ClientSampleId :
31575



Tgt Ion: 56 Resp: 28450
Ion Ratio Lower Upper
56 100
69 31.5 26.7 40.1
84 104.3 77.2 115.8

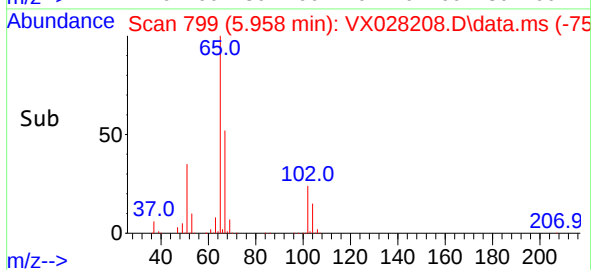
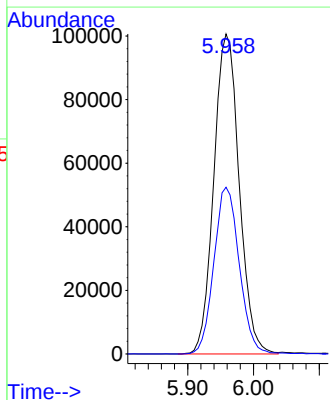
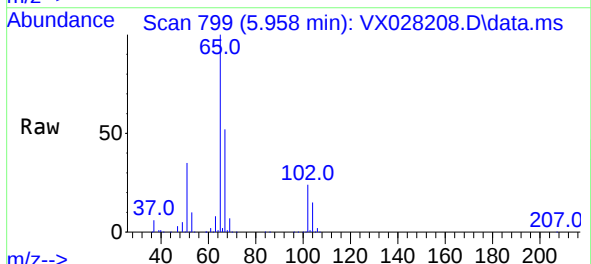
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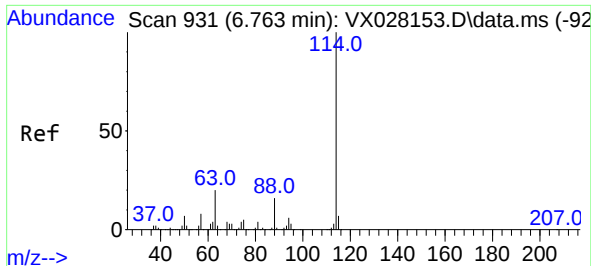
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#33
1,2-Dichloroethane-d4
Concen: 52.737 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

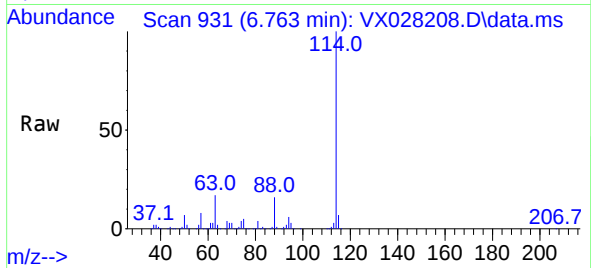
Tgt Ion: 65 Resp: 269969
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

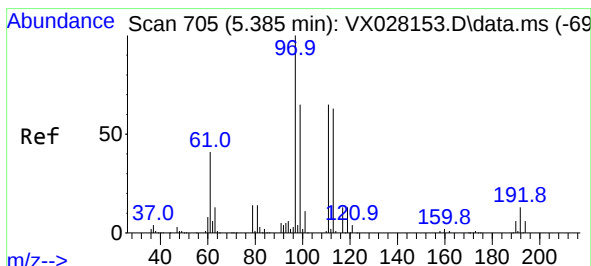
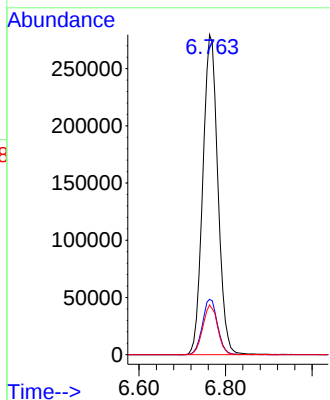
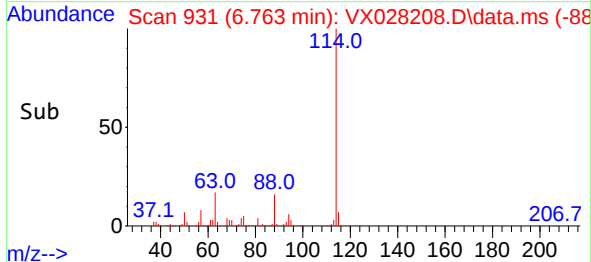
Instrument :
MSVOA_X
ClientSampleId :
31575



Tgt Ion:114 Resp: 673900
Ion Ratio Lower Upper
114 100
63 17.3 0.0 36.8
88 15.6 0.0 32.4

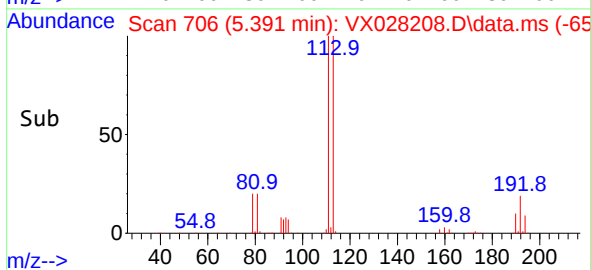
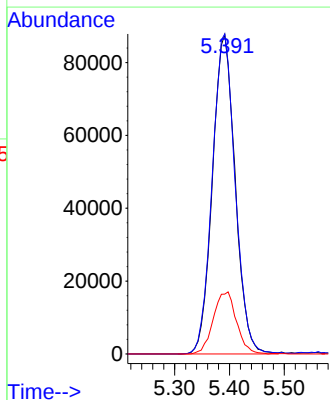
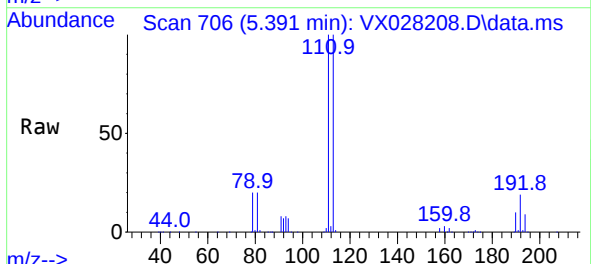
Manual Integrations
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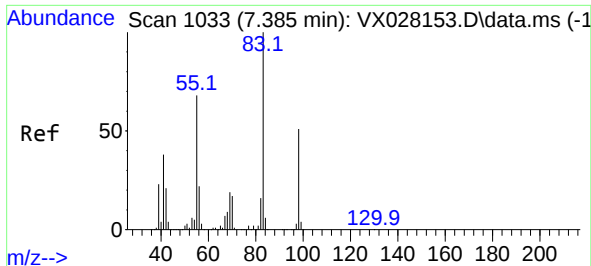
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#35
Dibromofluoromethane
Concen: 53.335 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Tgt Ion:113 Resp: 252064
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 19.8 16.9 25.3





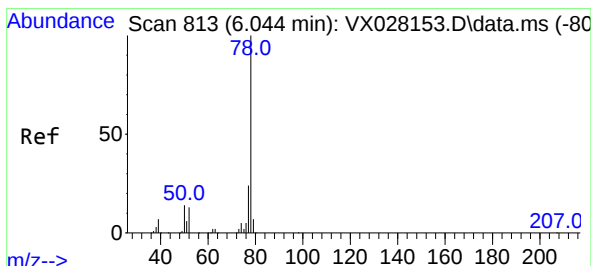
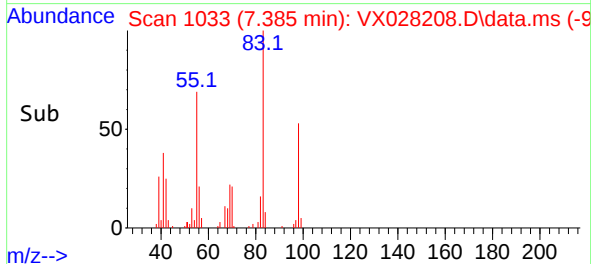
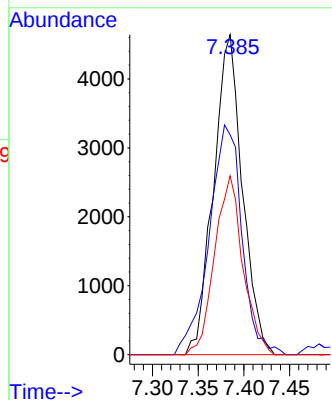
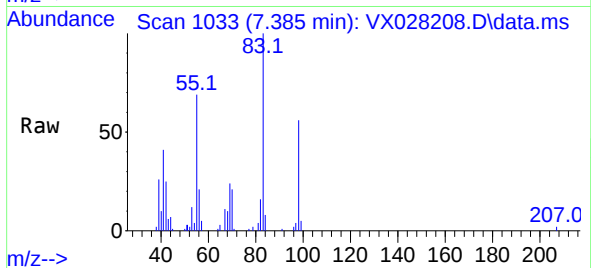
#39
Methylcyclohexane
Concen: 1.314 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :
31575

Tgt Ion: 83 Resp: 1022
Ion Ratio Lower Upper
83 100
55 67.3 54.6 81.8
98 55.9 37.4 56.2

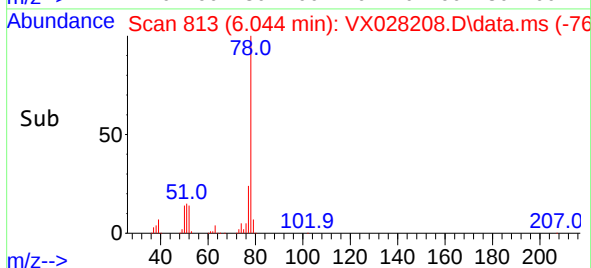
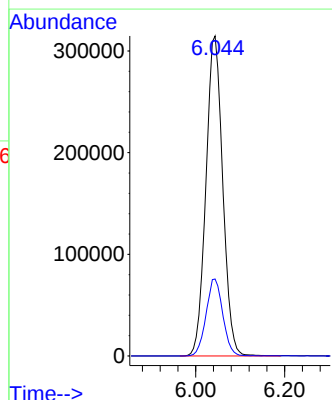
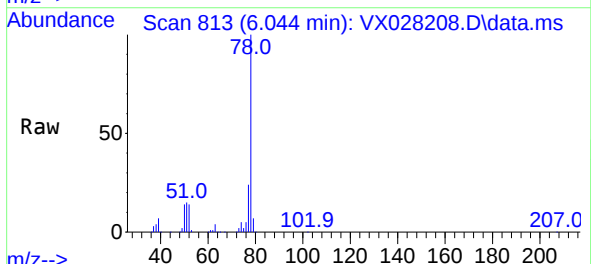
Manual Integrations
APPROVED

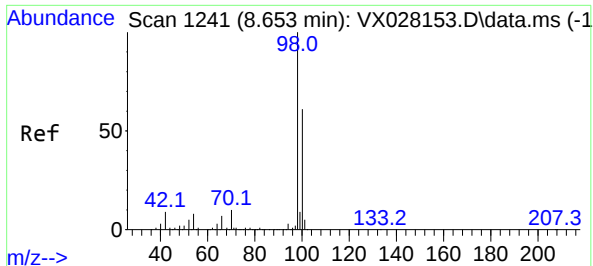
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#40
Benzene
Concen: 45.991 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

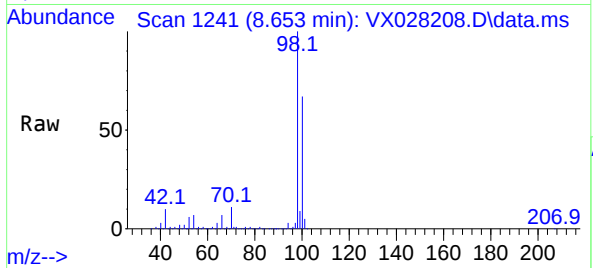
Tgt Ion: 78 Resp: 829917
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9





#50
Toluene-d8
Concen: 49.859 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

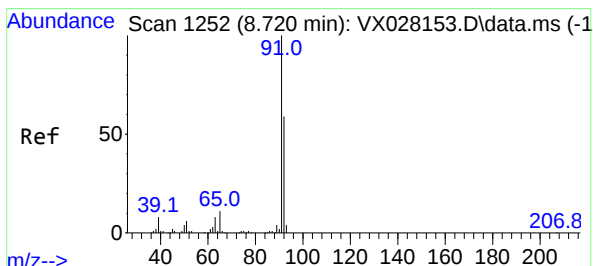
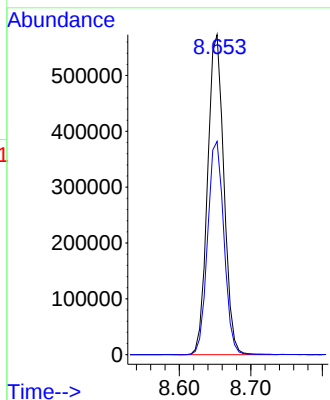
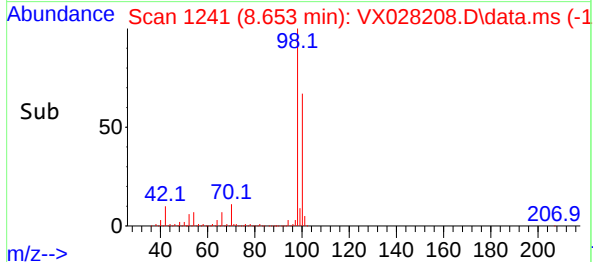
Instrument :
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31575



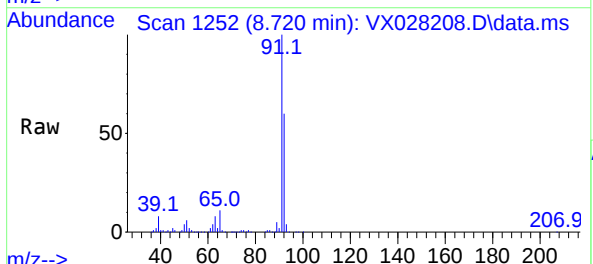
Tgt Ion: 98 Resp: 905018
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

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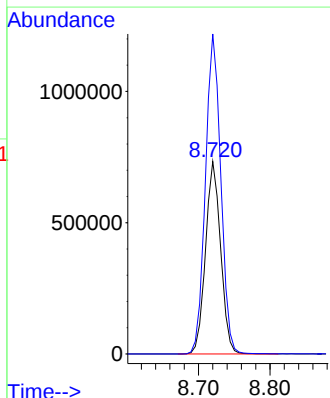
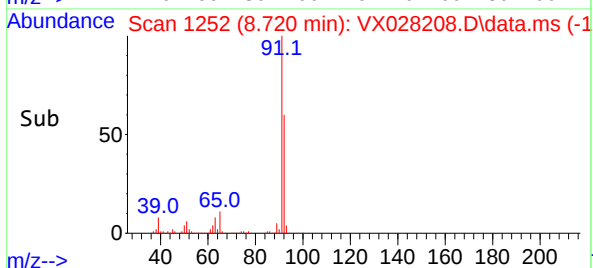
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

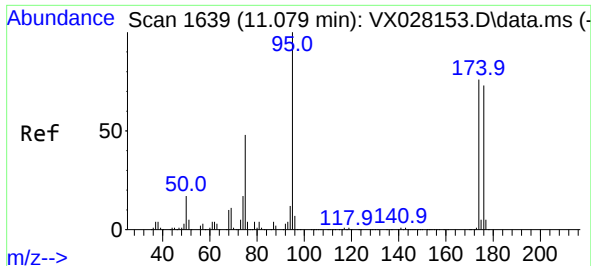


#52
Toluene
Concen: 85.894 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17



Tgt Ion: 92 Resp: 1076830
Ion Ratio Lower Upper
92 100
91 169.1 137.5 206.3





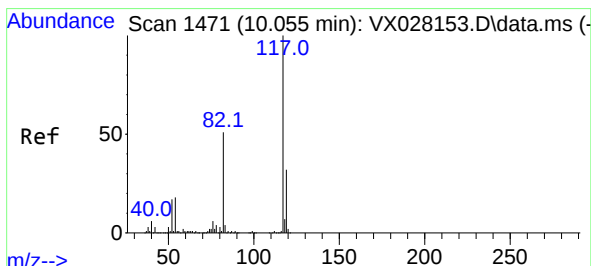
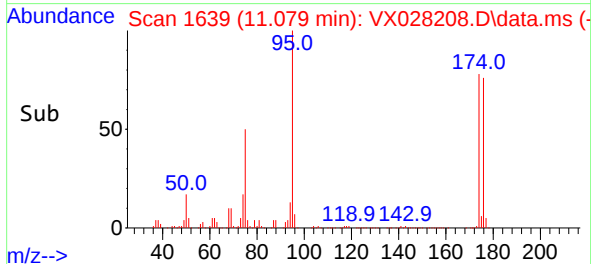
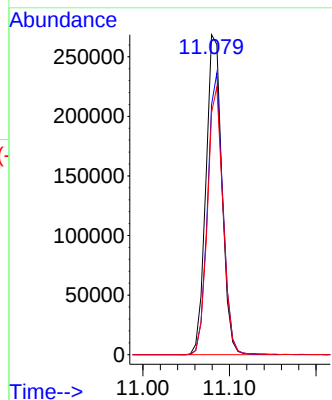
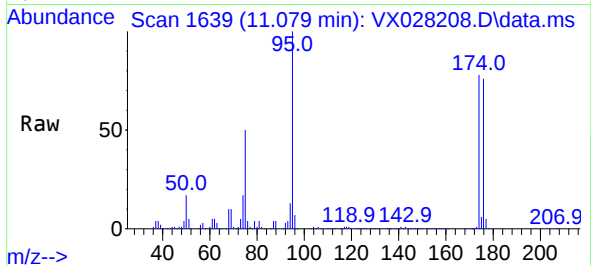
#62
4-Bromofluorobenzene
Concen: 49.574 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :
31575

Tgt Ion: 95 Resp: 344065
Ion Ratio Lower Upper
95 100
174 84.5 0.0 163.0
176 81.3 0.0 155.0

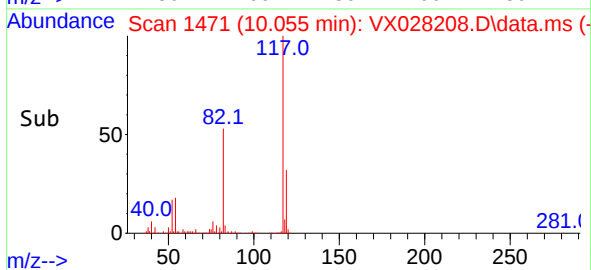
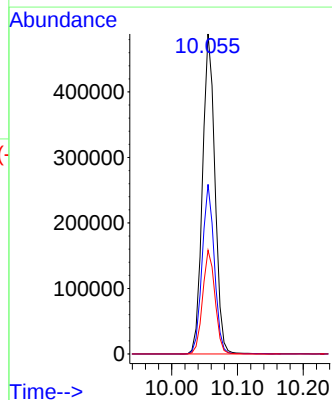
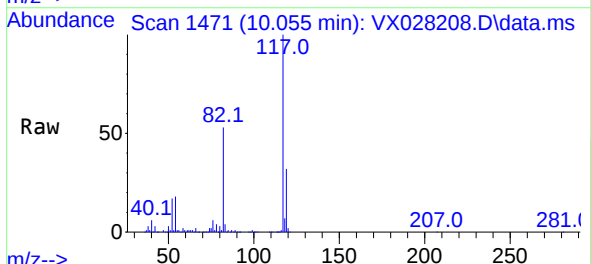
Manual Integrations
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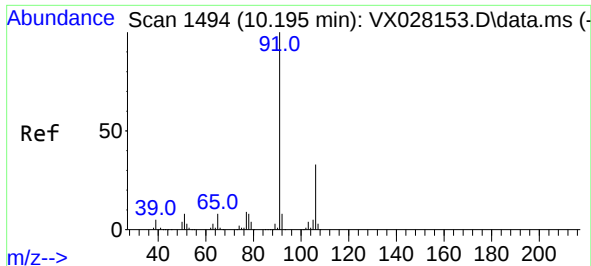
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Tgt Ion:117 Resp: 643390
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.4 24.8 37.2





#67

Ethyl Benzene

Concen: 6.033 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028208.D

Acq: 20 Apr 2022 19:17

Instrument :

MSVOA_X

ClientSampleId :

31575

Tgt Ion: 91 Resp: 138769

Ion Ratio Lower Upper

91 100

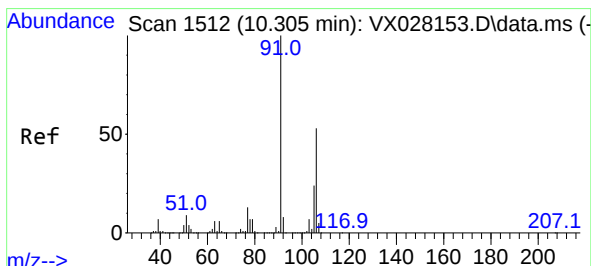
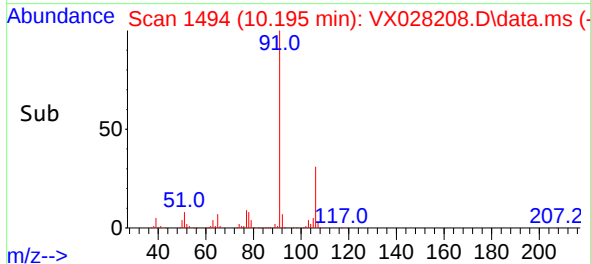
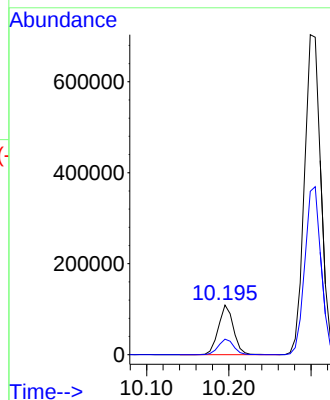
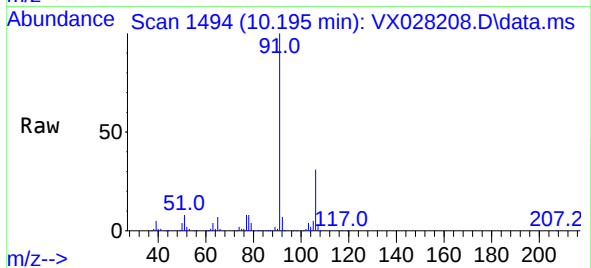
106 31.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#68

m/p-Xylenes

Concen: 53.962 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028208.D

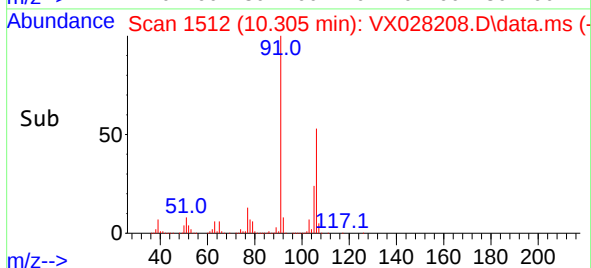
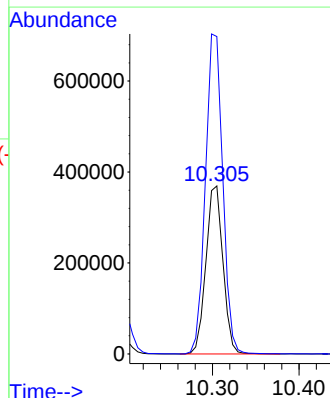
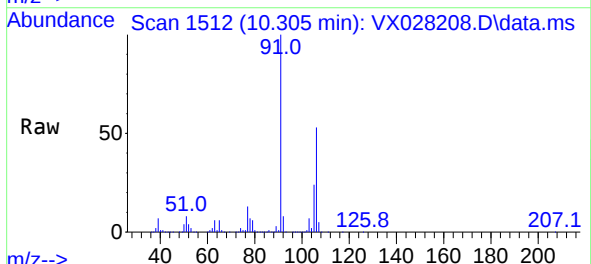
Acq: 20 Apr 2022 19:17

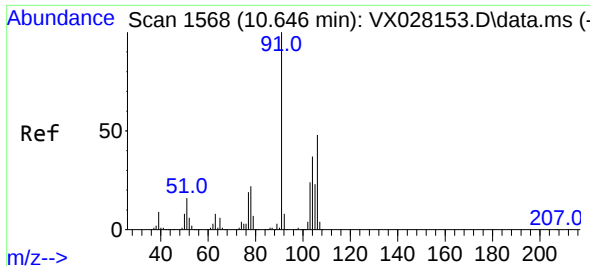
Tgt Ion:106 Resp: 505174

Ion Ratio Lower Upper

106 100

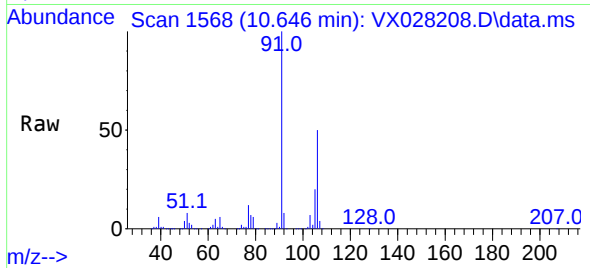
91 193.3 160.4 240.6





#69
o-Xylene
Concen: 37.682 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

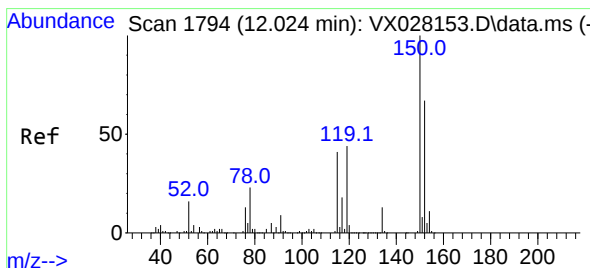
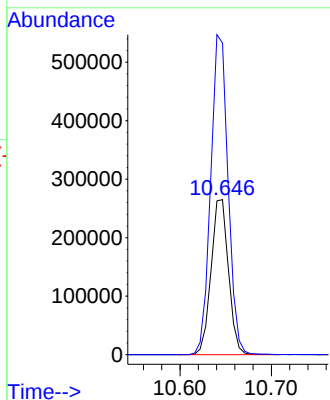
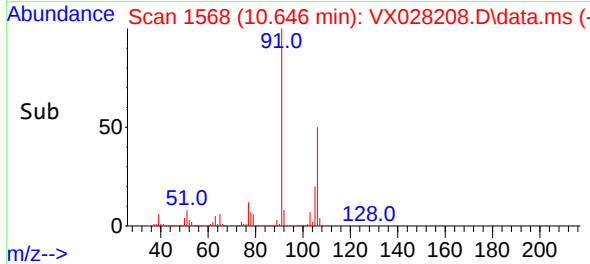
Instrument :
MSVOA_X
ClientSampleId :
31575



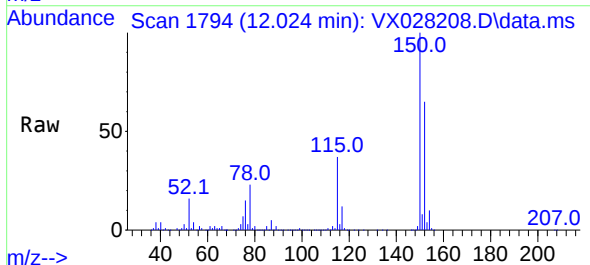
Tgt Ion:106 Resp: 351715
Ion Ratio Lower Upper
106 100
91 205.6 106.1 318.1

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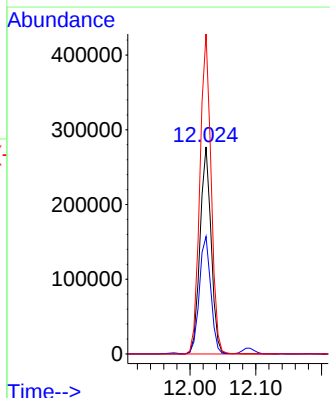
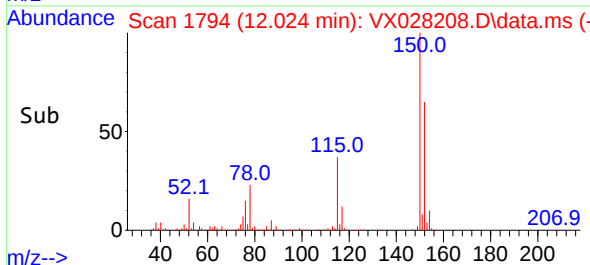
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

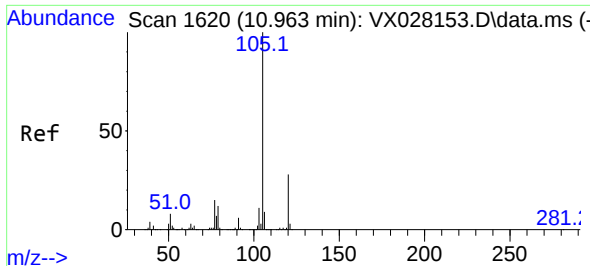


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17



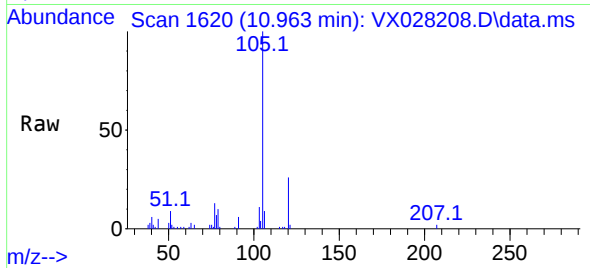
Tgt Ion:152 Resp: 325644
Ion Ratio Lower Upper
152 100
115 58.0 37.5 112.7
150 155.4 0.0 338.2





#73
Isopropylbenzene
Concen: 0.470 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

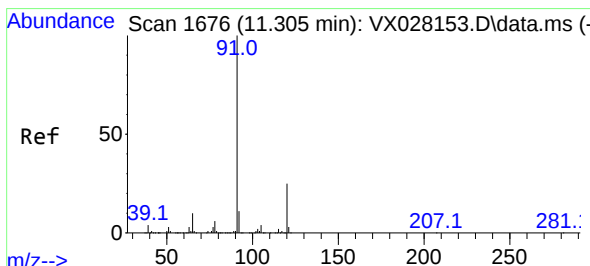
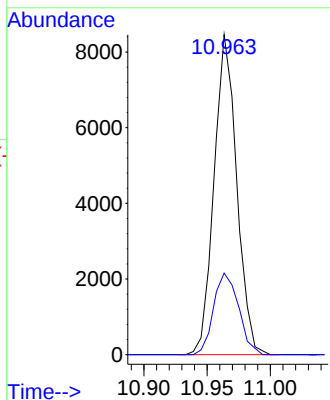
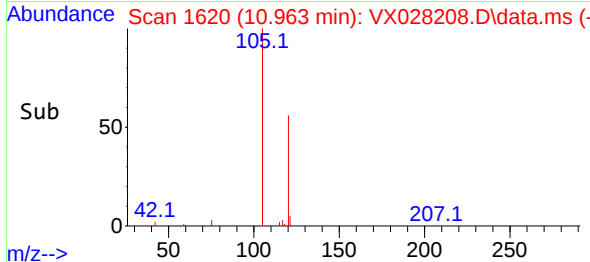
Instrument :
MSVOA_X
ClientSampleId :
31575



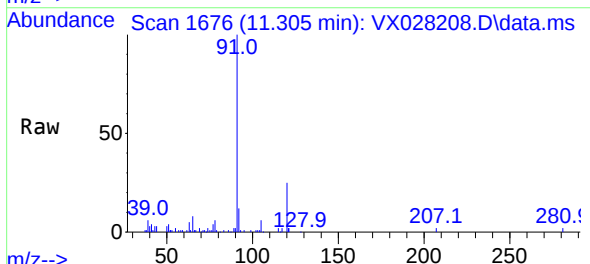
Tgt Ion:105 Resp: 10518
Ion Ratio Lower Upper
105 100
120 28.2 13.5 40.5

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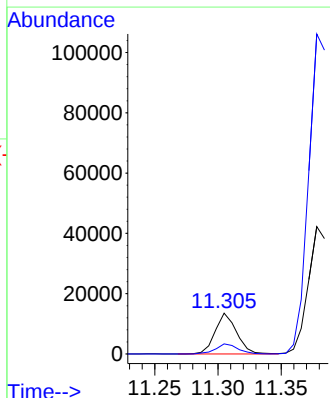
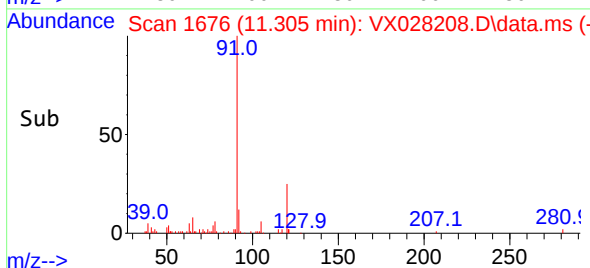
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

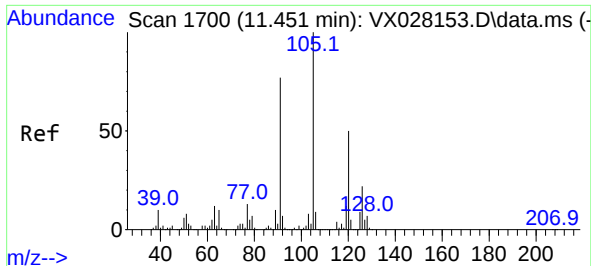


#78
n-propylbenzene
Concen: 0.647 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17



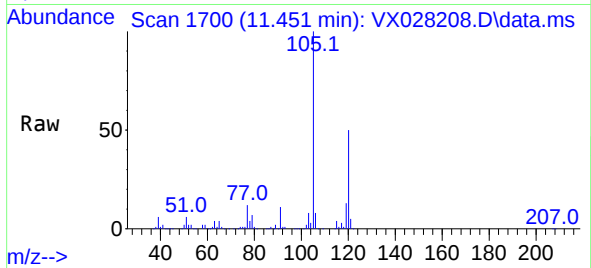
Tgt Ion: 91 Resp: 16067
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.8#





#80
1,3,5-Trimethylbenzene
Concen: 10.025 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

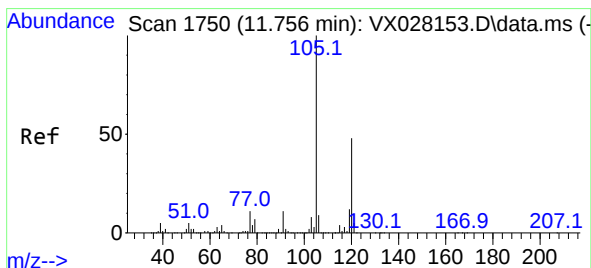
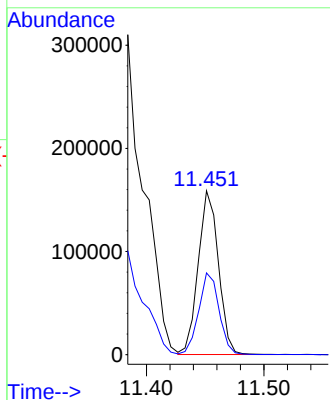
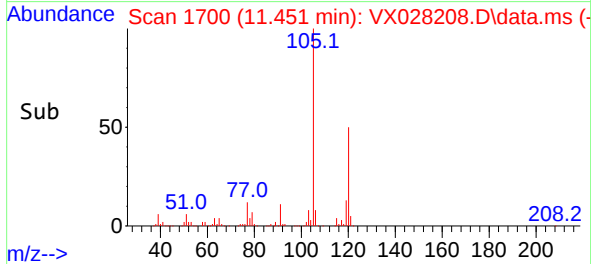
Instrument :
MSVOA_X
ClientSampleId :
31575



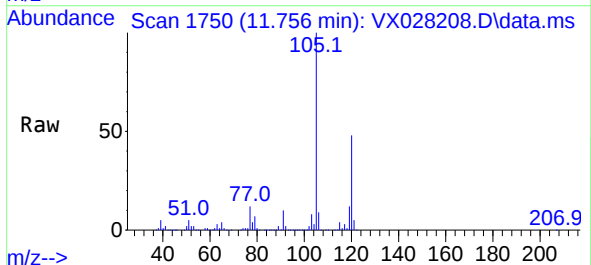
Tgt Ion:105 Resp: 190470
Ion Ratio Lower Upper
105 100
120 50.1 24.3 72.9

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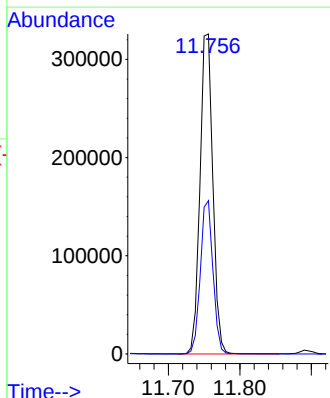
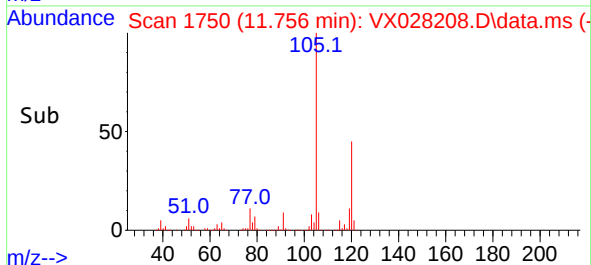
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

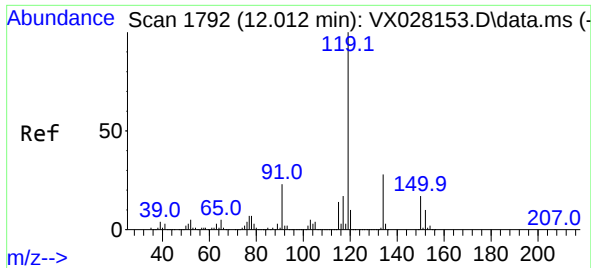


#84
1,2,4-Trimethylbenzene
Concen: 21.546 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17



Tgt Ion:105 Resp: 406929
Ion Ratio Lower Upper
105 100
120 47.0 22.6 67.8





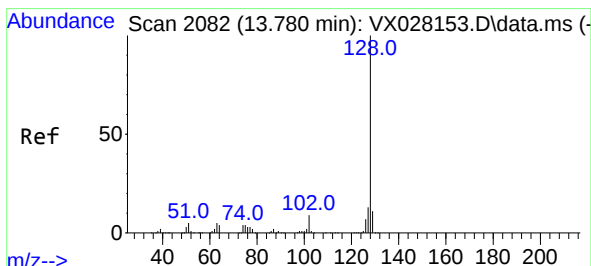
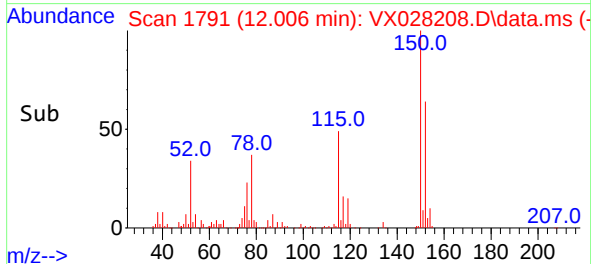
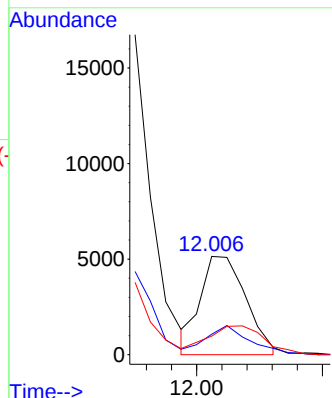
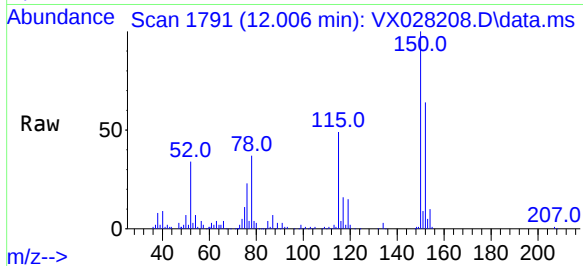
#86
p-Isopropyltoluene
Concen: 0.321 ug/l m
RT: 12.006 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Instrument :
MSVOA_X
ClientSampleId :
31575

Tgt Ion:119 Resp: 6479
Ion Ratio Lower Upper
119 100
134 95.4 13.0 39.0
91 75.8 11.3 33.9

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 4.425 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX028208.D
Acq: 20 Apr 2022 19:17

Tgt Ion:128 Resp: 95388
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 11.6 8.7 13.1

