

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
 Data File : VD075163.D
 Acq On : 20 Jan 2023 19:45
 Operator : KP/SY
 Sample : 01233-11
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-P38C

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/23/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 23 00:34:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	10025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	20848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	19862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	22235	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7635	74.635	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 149.280%		
35) Dibromofluoromethane	7.810	113	6377	50.620	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 101.240%		
50) Toluene-d8	10.269	98	56918	114.749	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 229.500%#		
62) 4-Bromofluorobenzene	12.569	95	39705	252.219	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 504.440%#		
Target Compounds						Qvalue
16) Acetone	4.028	43	4300	159.374	ug/l #	85
31) Cyclohexane	7.881	56	178952	872.236	ug/l	88
39) Methylcyclohexane	9.275	83	585194	2346.050	ug/l	99
40) Benzene	8.263	78	2100	3.638	ug/l	93
52) Toluene	10.334	92	12107	33.190	ug/l	96
67) Ethyl Benzene	11.687	91	1109260	1514.131	ug/l	99
68) m/p-Xylenes	11.798	106	1390323	4912.677	ug/l	94
69) o-Xylene	12.122	106	196138	738.839	ug/l	92
73) Isopropylbenzene	12.422	105	301054	171.411	ug/l	96
78) n-propylbenzene	12.769	91	653110	302.614	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	1263226	877.882	ug/l	96
83) tert-Butylbenzene	13.169	119	11891m	9.551	ug/l	
84) 1,2,4-Trimethylbenzene	13.216	105	3698291	2617.043	ug/l	97
85) sec-Butylbenzene	13.351	105	126268	66.760	ug/l #	65
86) p-Isopropyltoluene	13.463	119	210838	136.159	ug/l	94
89) n-Butylbenzene	13.792	91	224234	148.607	ug/l #	69

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

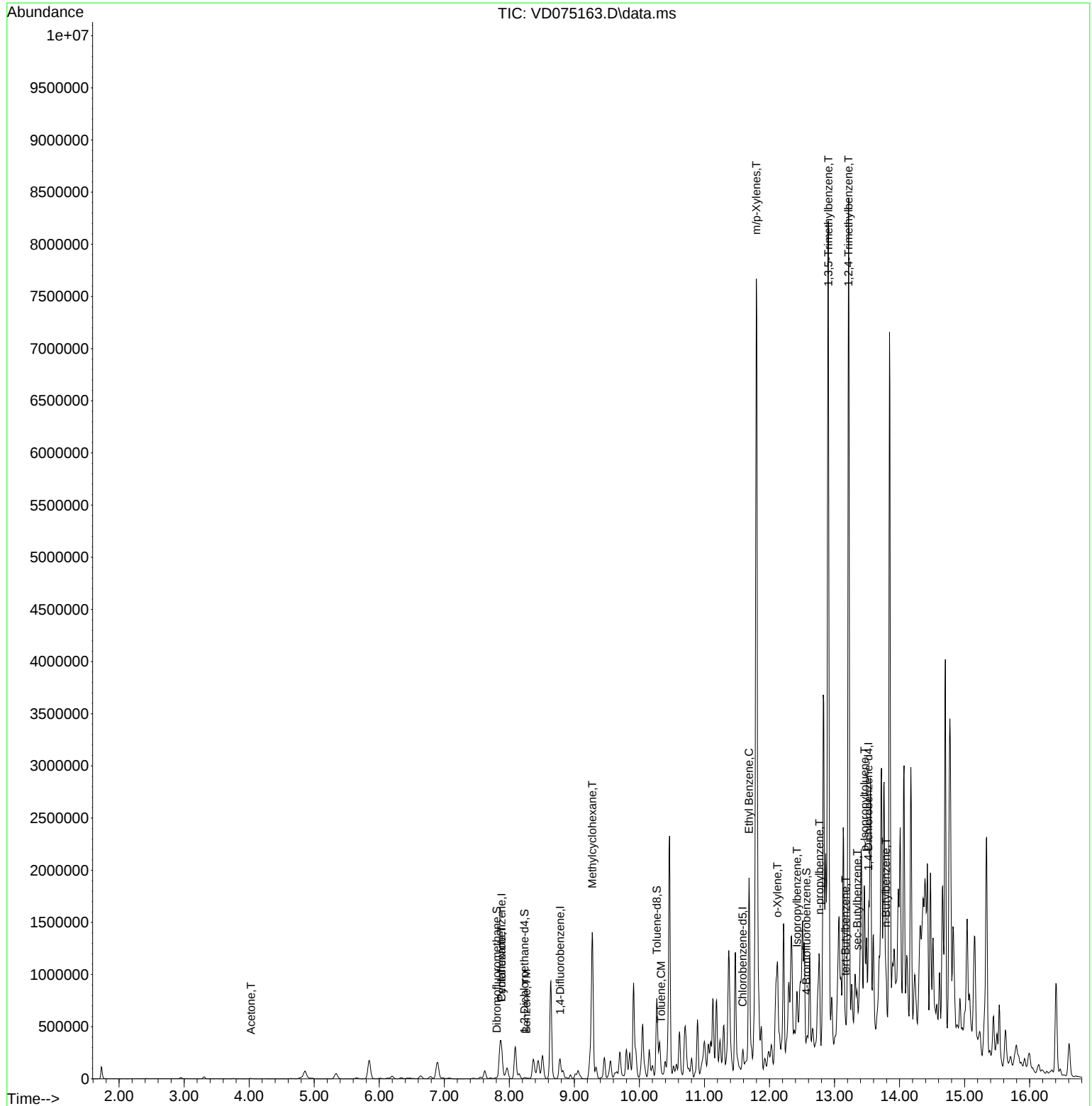
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012023\
Data File : VD075163.D
Acq On : 20 Jan 2023 19:45
Operator : KP/SY
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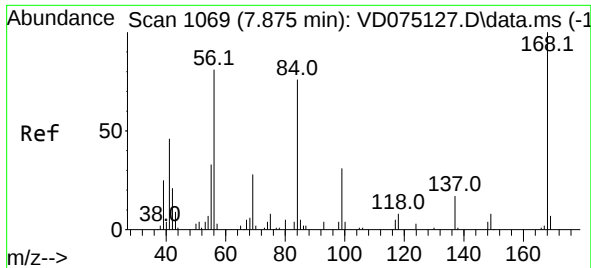
Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Manual Integrations
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Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

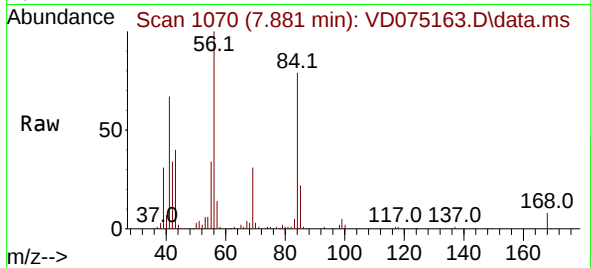
Quant Time: Jan 23 00:34:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

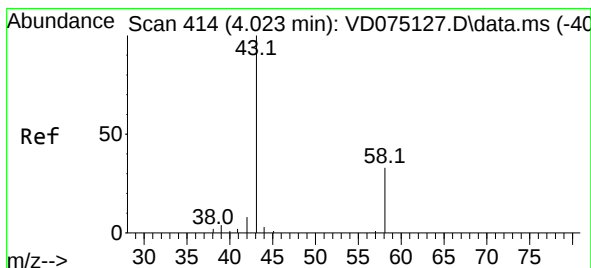
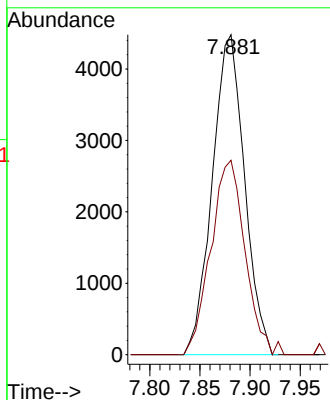
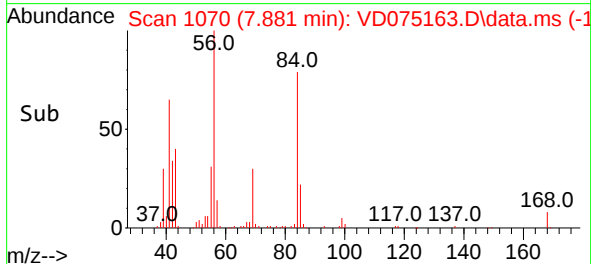
Instrument :
MSVOA_D
ClientSampleId :
B-P38C



Tgt Ion:168 Resp: 1002
Ion Ratio Lower Upper
168 100
99 60.8 45.2 67.8

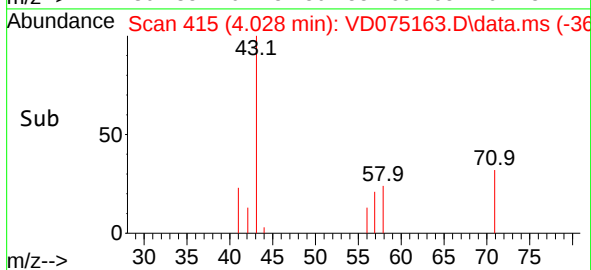
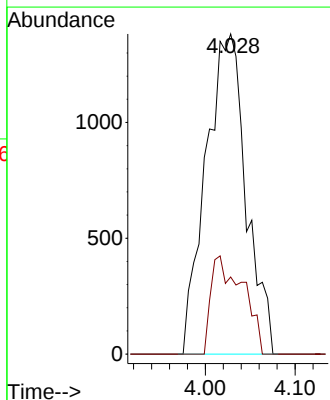
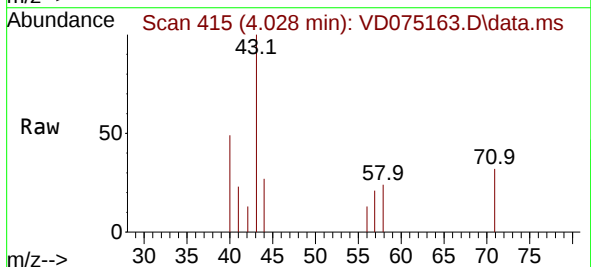
Manual Integrations
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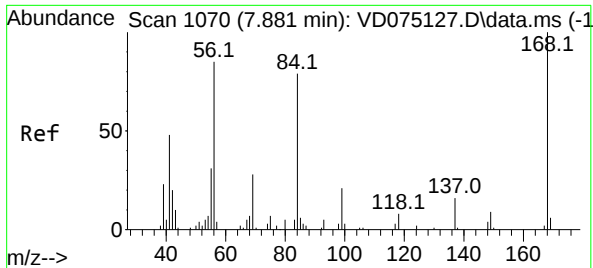
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#16
Acetone
Concen: 159.374 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 43 Resp: 4300
Ion Ratio Lower Upper
43 100
58 24.1 26.0 39.0#





#31

Cyclohexane

Concen: 872.236 ug/l

RT: 7.881 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

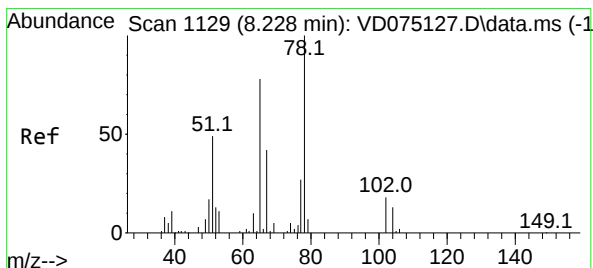
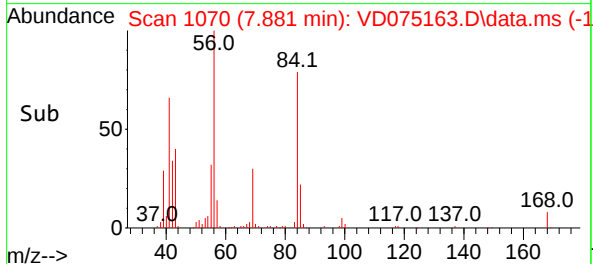
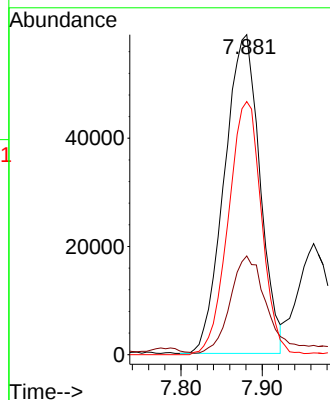
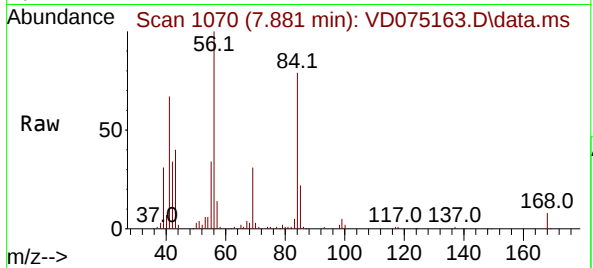
Tgt Ion: 56 Resp: 178952
 Ion Ratio Lower Upper
 56 100
 69 29.8 26.6 40.0
 84 79.5 74.1 111.1

Manual Integrations

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Supervised By :Mahesh Dadoda 01/25/2023



#33

1,2-Dichloroethane-d4

Concen: 74.635 ug/l

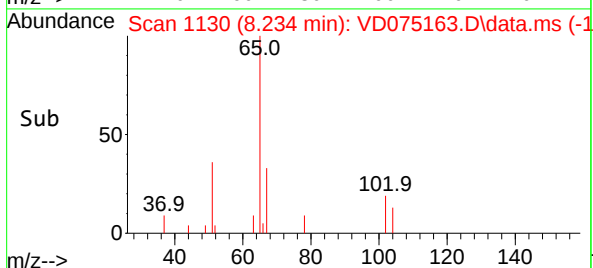
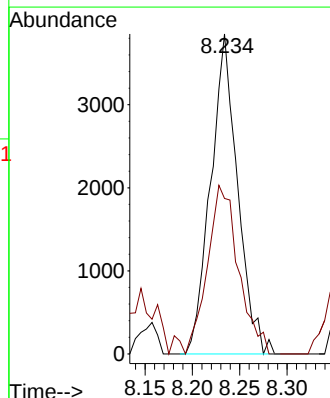
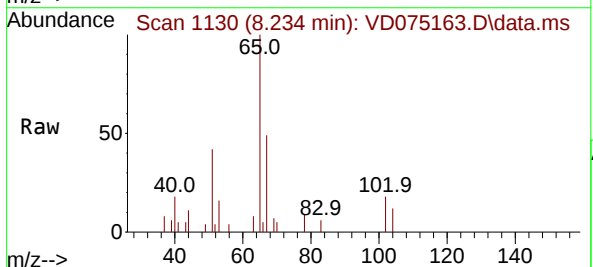
RT: 8.234 min Scan# 1130

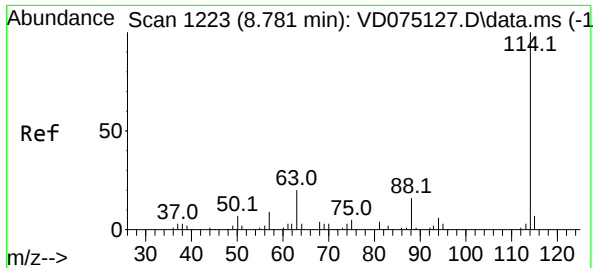
Delta R.T. 0.006 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Tgt Ion: 65 Resp: 7635
 Ion Ratio Lower Upper
 65 100
 67 60.6 0.0 105.2





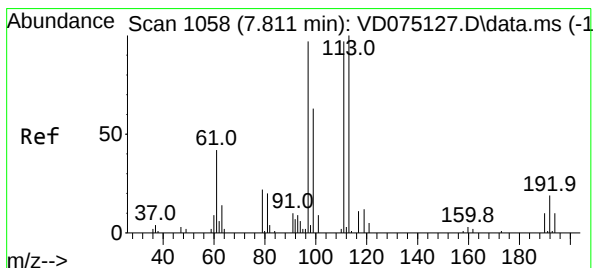
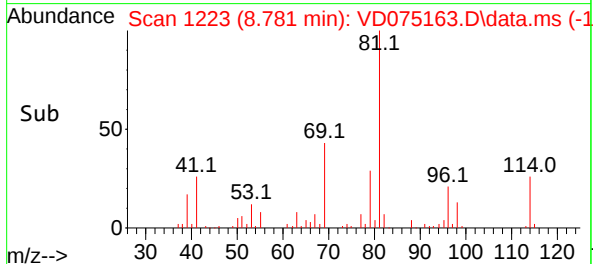
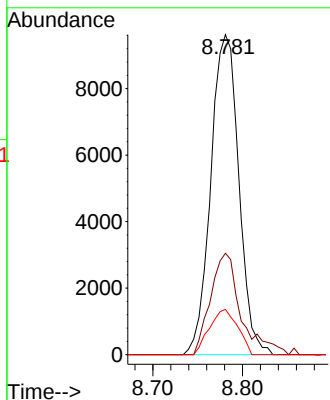
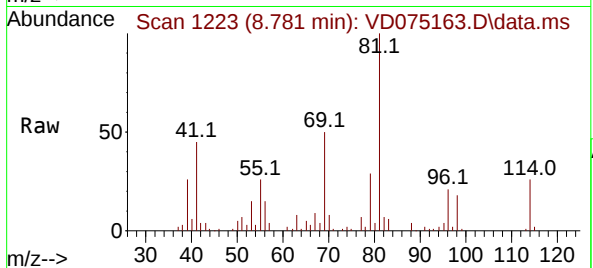
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 114
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion:114 Resp: 2084
Ion Ratio Lower Upper
114 100
63 31.7 0.0 40.2
88 14.1 0.0 32.2

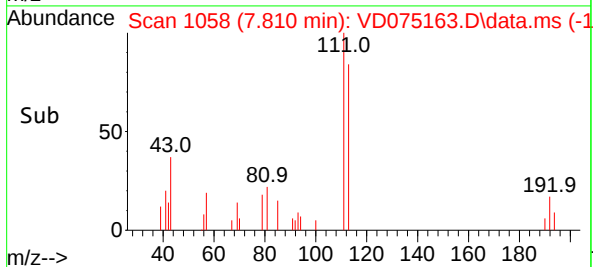
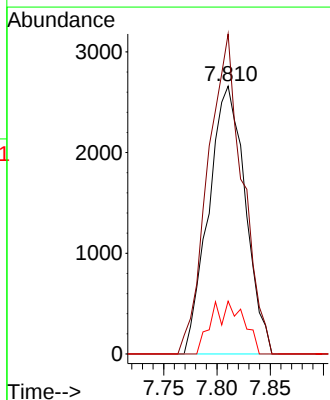
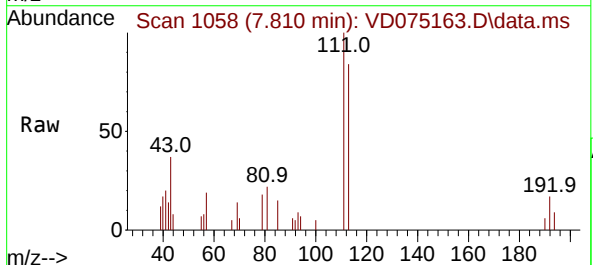
Manual Integrations
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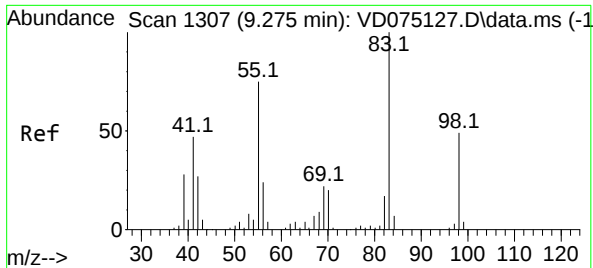
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#35
Dibromofluoromethane
Concen: 50.620 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:113 Resp: 6377
Ion Ratio Lower Upper
113 100
111 113.1 80.1 120.1
192 17.1 15.4 23.0





#39

Methylcyclohexane

Concen: 2346.050 ug/l

RT: 9.275 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

B-P38C

Tgt Ion: 83 Resp: 585194

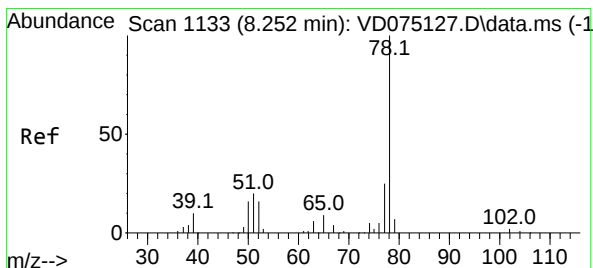
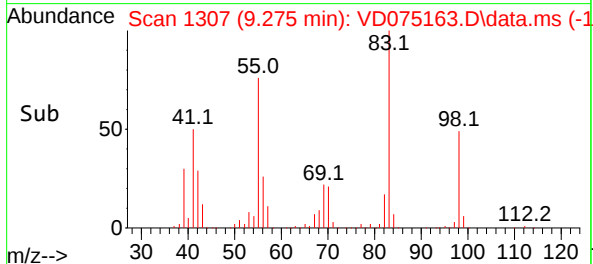
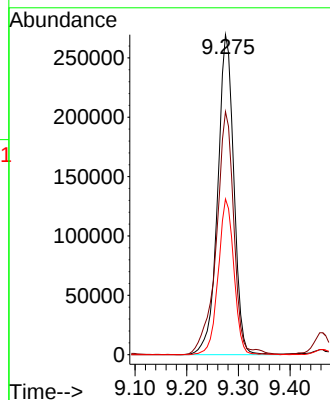
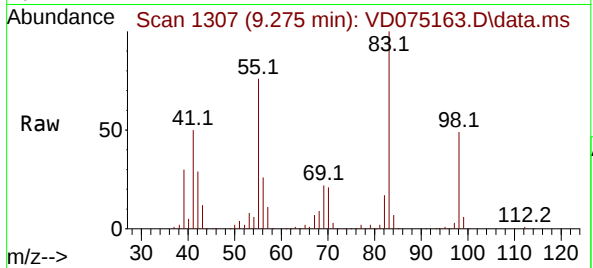
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.0	90.0
98	48.7	39.0	58.4

Manual Integrations

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Reviewed By :Krupa Patel 01/23/2023

Supervised By :Mahesh Dadoda 01/25/2023



#40

Benzene

Concen: 3.638 ug/l

RT: 8.263 min Scan# 1135

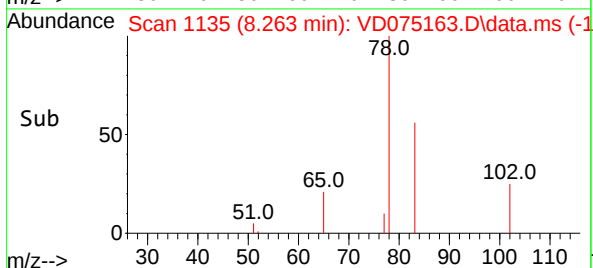
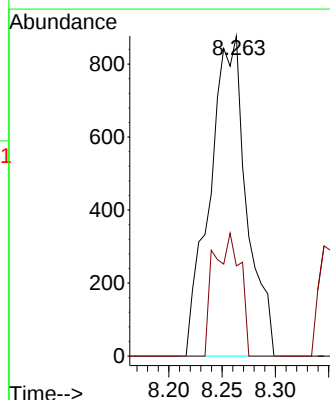
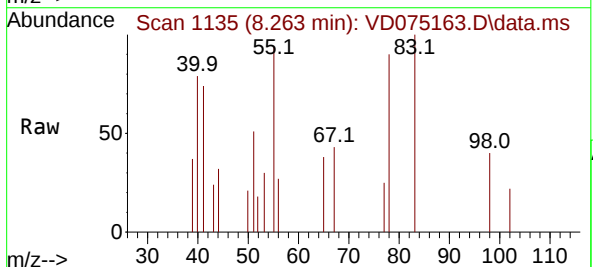
Delta R.T. 0.012 min

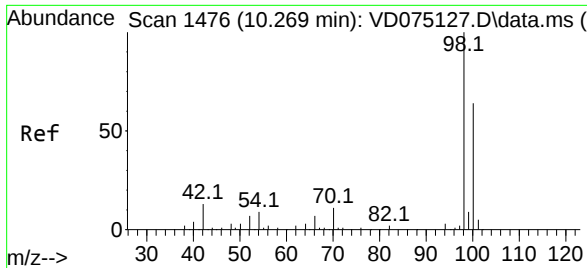
Lab File: VD075163.D

Acq: 20 Jan 2023 19:45

Tgt Ion: 78 Resp: 2100

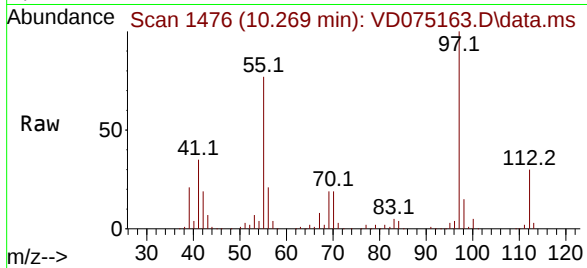
Ion	Ratio	Lower	Upper
78	100		
77	28.2	19.8	29.6





#50
Toluene-d8
Concen: 114.749 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

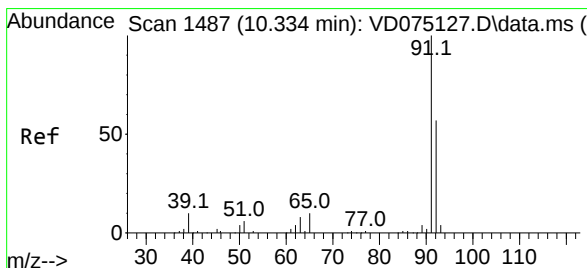
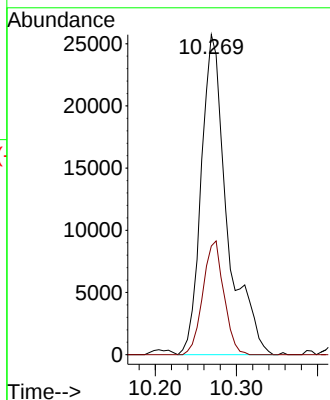
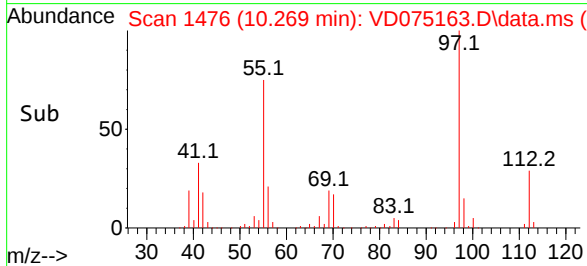
Instrument :
MSVOA_D
ClientSampleId :
B-P38C



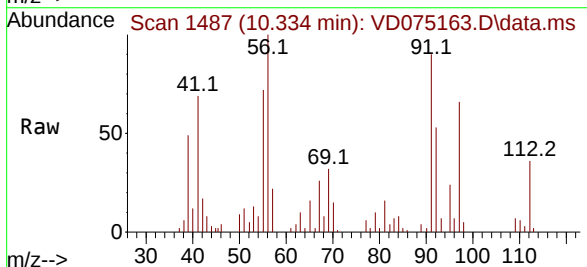
Tgt Ion: 98 Resp: 56918
Ion Ratio Lower Upper
98 100
100 28.8 52.7 79.1

Manual Integrations
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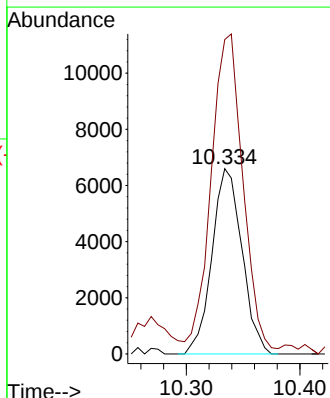
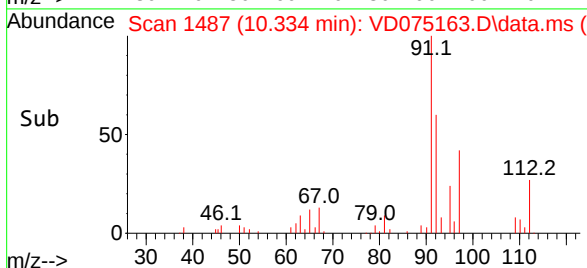
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

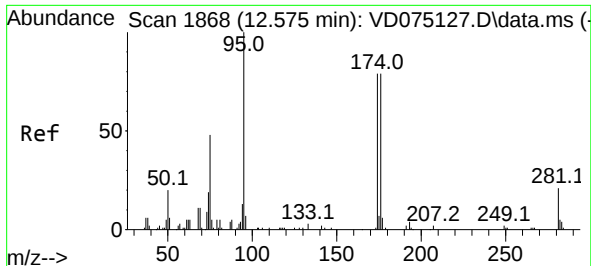


#52
Toluene
Concen: 33.190 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45



Tgt Ion: 92 Resp: 12107
Ion Ratio Lower Upper
92 100
91 177.1 137.0 205.4





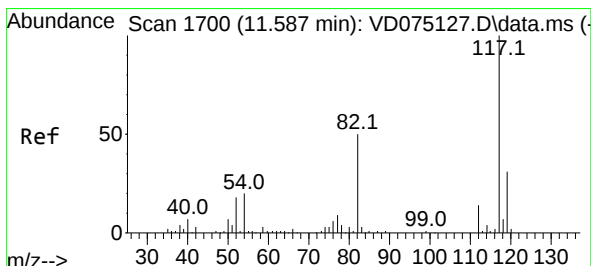
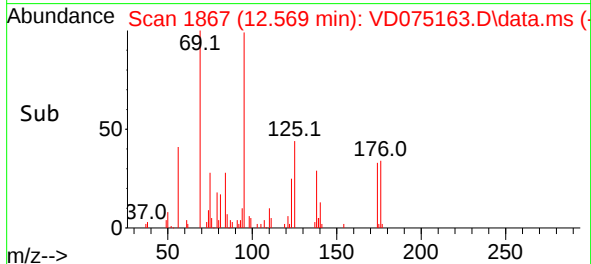
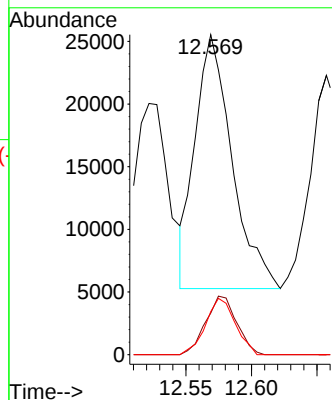
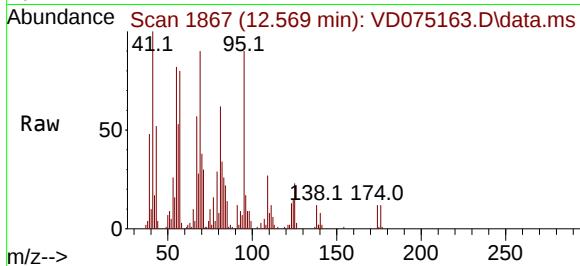
#62
4-Bromofluorobenzene
Concen: 252.219 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion: 95 Resp: 3970
Ion Ratio Lower Upper
95 100
174 19.3 0.0 161.2
176 17.9 0.0 160.2

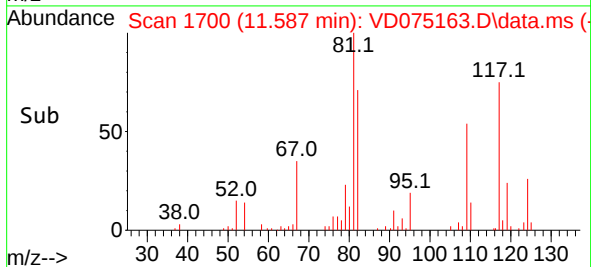
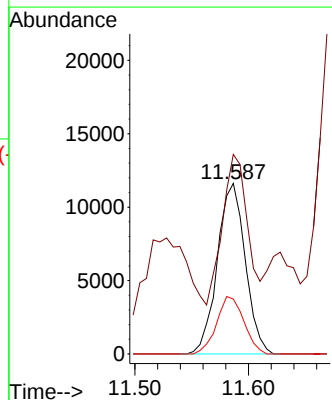
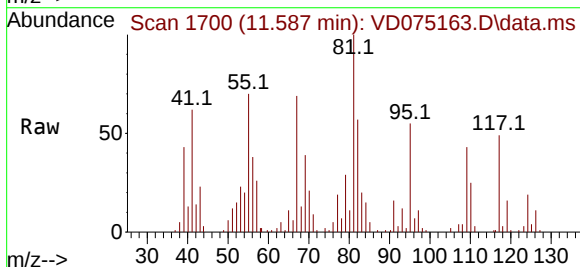
Manual Integrations
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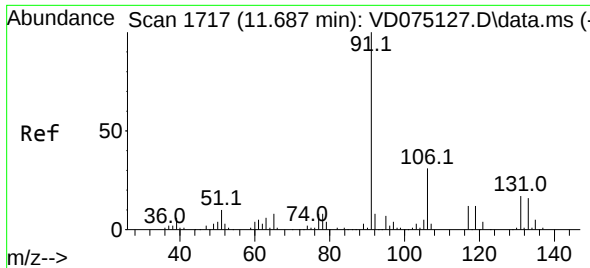
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:117 Resp: 19862
Ion Ratio Lower Upper
117 100
82 57.3 39.6 59.4
119 32.2 24.6 37.0





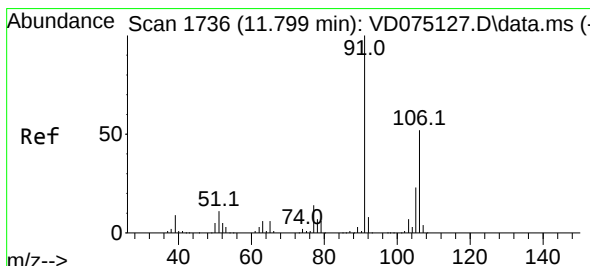
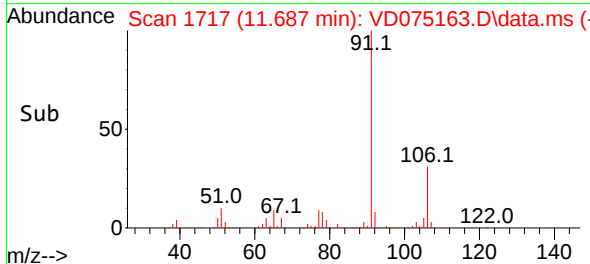
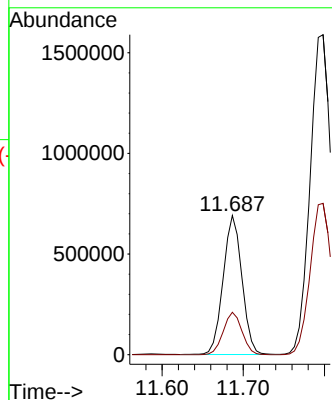
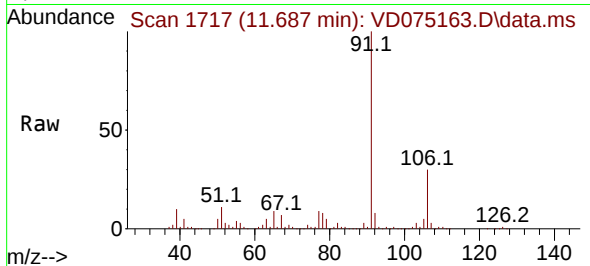
#67
Ethyl Benzene
Concen: 1514.131 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion: 91 Resp: 1109260
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.6

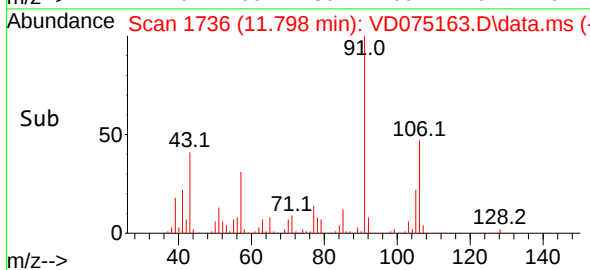
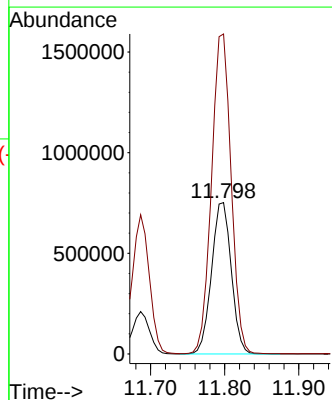
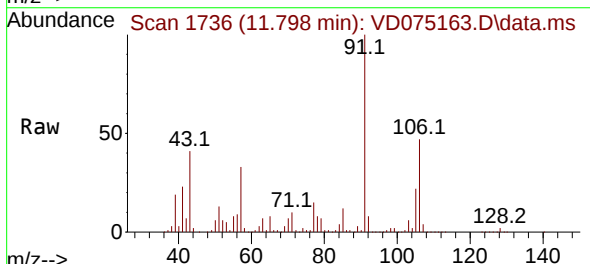
Manual Integrations
APPROVED

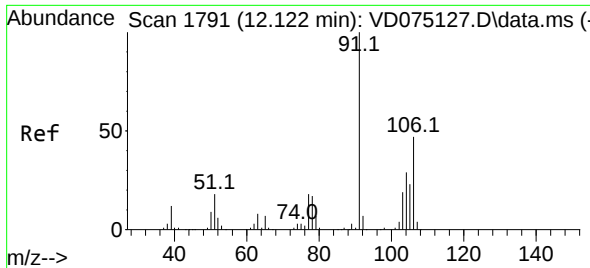
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#68
m/p-Xylenes
Concen: 4912.677 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:106 Resp: 1390323
Ion Ratio Lower Upper
106 100
91 209.5 160.3 240.5





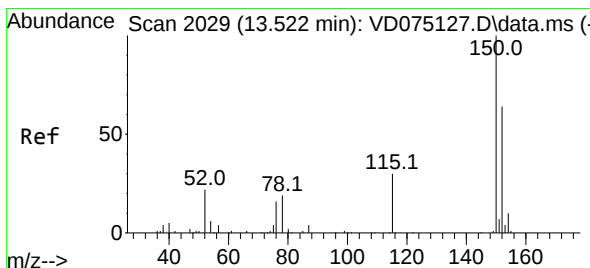
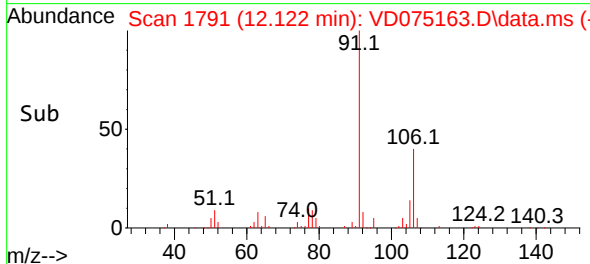
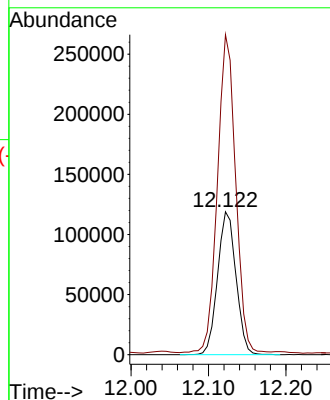
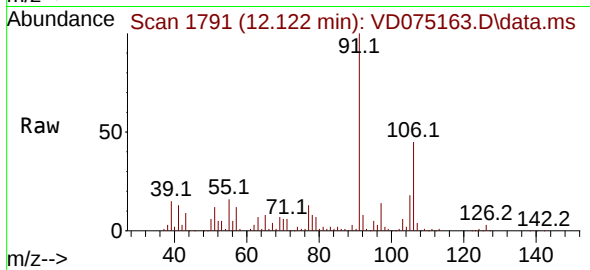
#69
o-Xylene
Concen: 738.839 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion:106 Resp: 196138
Ion Ratio Lower Upper
106 100
91 219.0 103.6 310.9

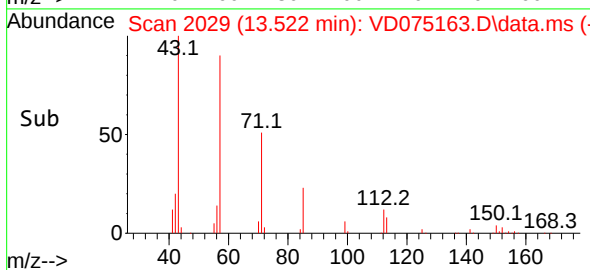
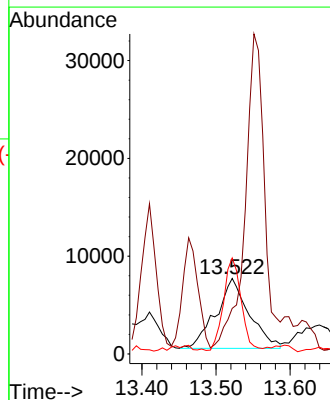
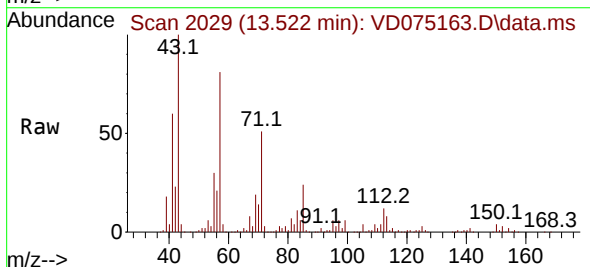
Manual Integrations
APPROVED

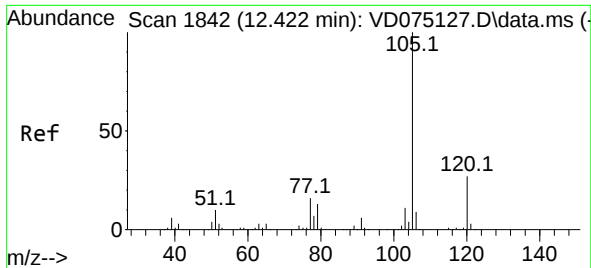
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion:152 Resp: 22235
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.4#
150 69.9 0.0 348.6





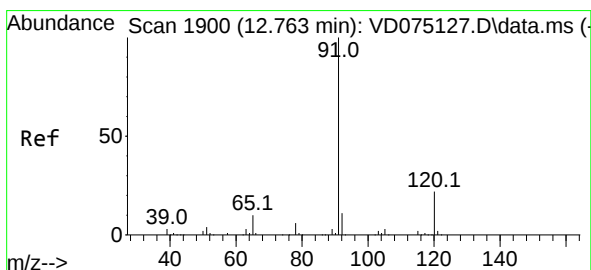
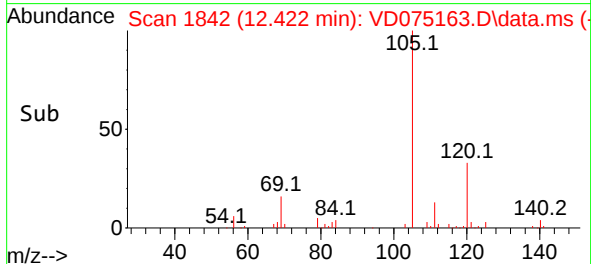
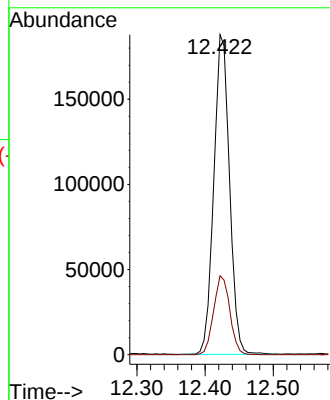
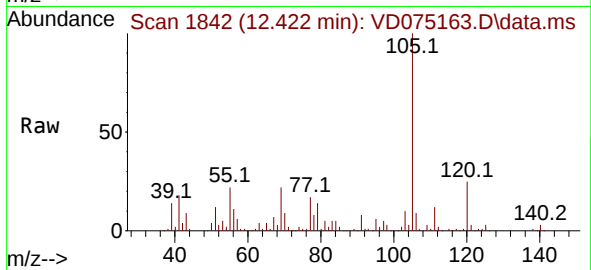
#73
Isopropylbenzene
Concen: 171.411 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion:105 Resp: 301054
Ion Ratio Lower Upper
105 100
120 25.4 13.7 41.1

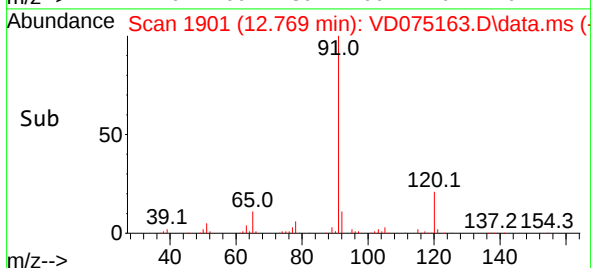
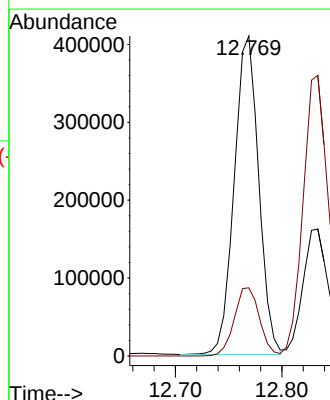
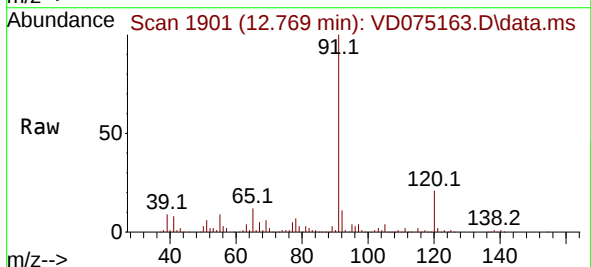
Manual Integrations
APPROVED

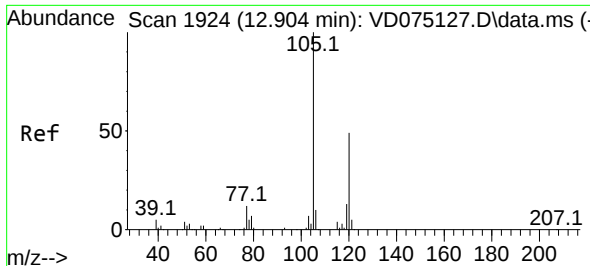
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#78
n-propylbenzene
Concen: 302.614 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

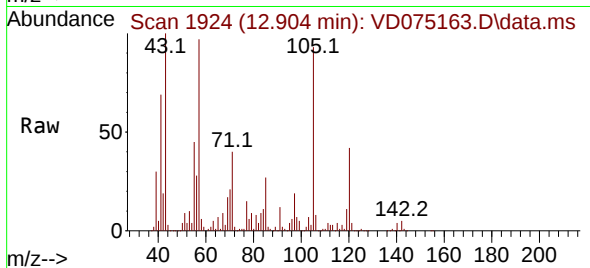
Tgt Ion: 91 Resp: 653110
Ion Ratio Lower Upper
91 100
120 22.1 11.7 35.0





#80
1,3,5-Trimethylbenzene
Concen: 877.882 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

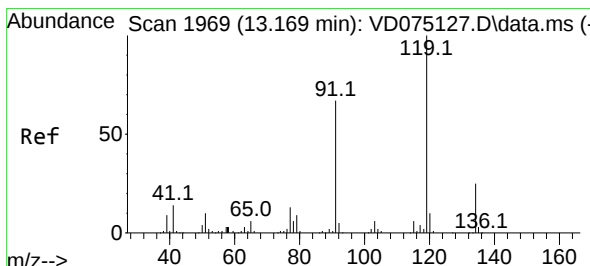
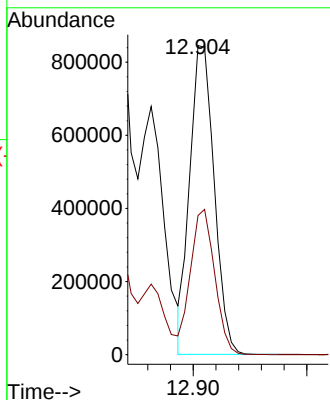
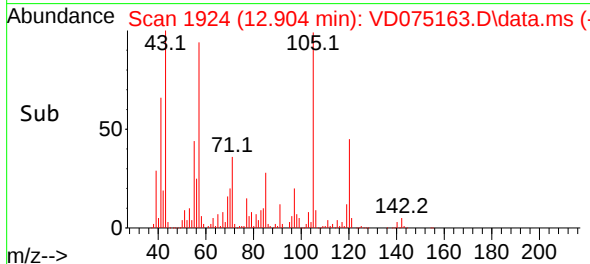
Instrument :
MSVOA_D
ClientSampleId :
B-P38C



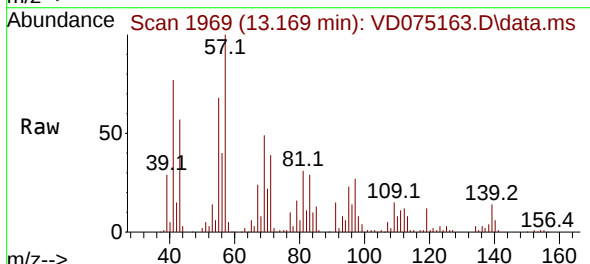
Tgt Ion:105 Resp: 1263220
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.8

Manual Integrations
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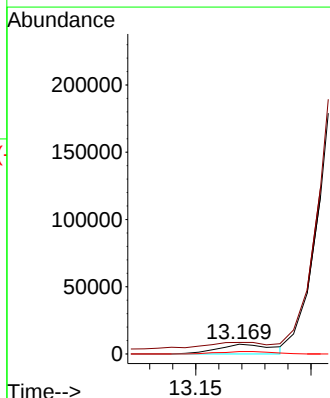
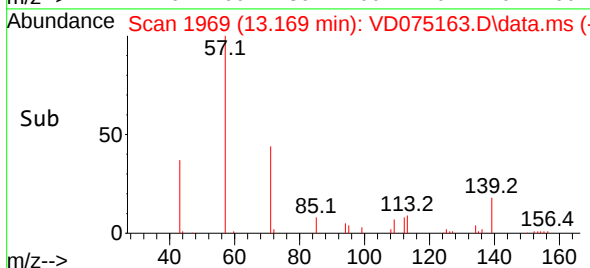
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

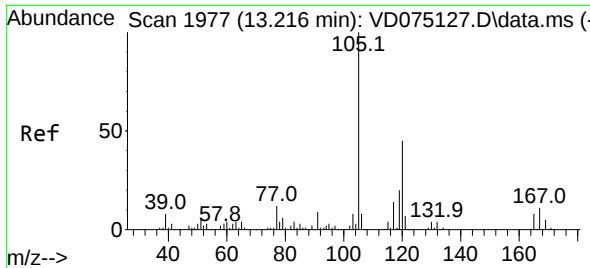


#83
tert-Butylbenzene
Concen: 9.551 ug/l m
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45



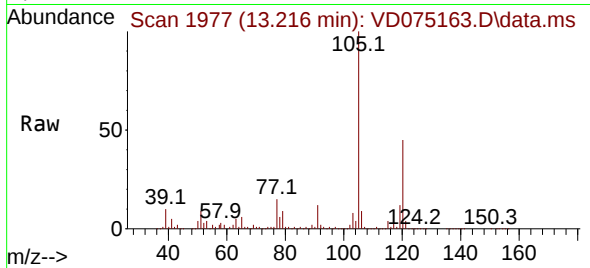
Tgt Ion:119 Resp: 11891
Ion Ratio Lower Upper
119 100
91 3639.4 32.9 98.6#
134 0.0 13.3 39.8#





#84
1,2,4-Trimethylbenzene
Concen: 2617.043 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

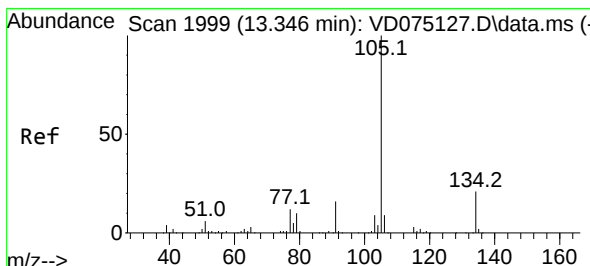
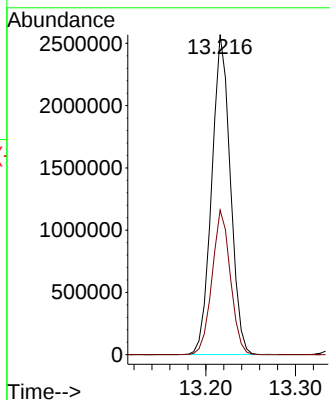
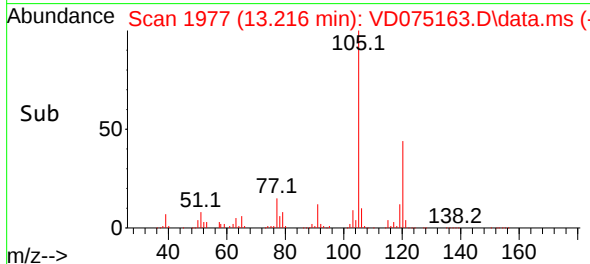
Instrument :
MSVOA_D
ClientSampleId :
B-P38C



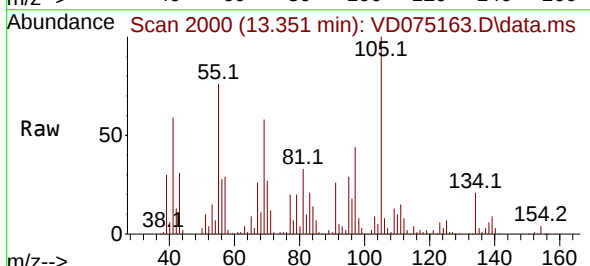
Tgt Ion:105 Resp: 369829
Ion Ratio Lower Upper
105 100
120 44.6 23.2 69.5

Manual Integrations
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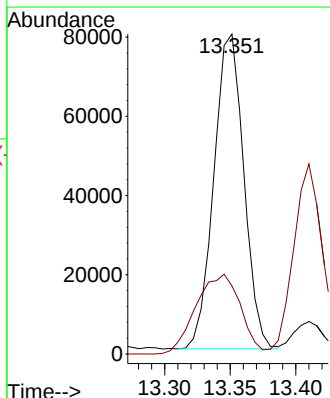
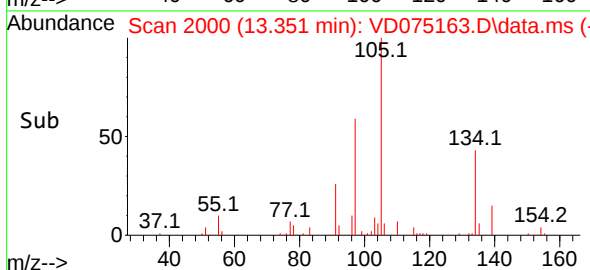
Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023

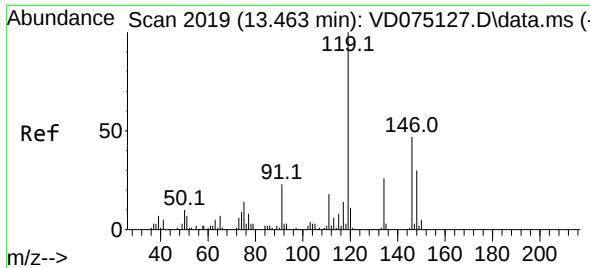


#85
sec-Butylbenzene
Concen: 66.760 ug/l
RT: 13.351 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45



Tgt Ion:105 Resp: 126268
Ion Ratio Lower Upper
105 100
134 37.3 10.4 31.2#





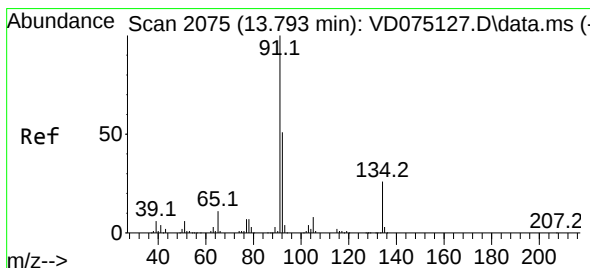
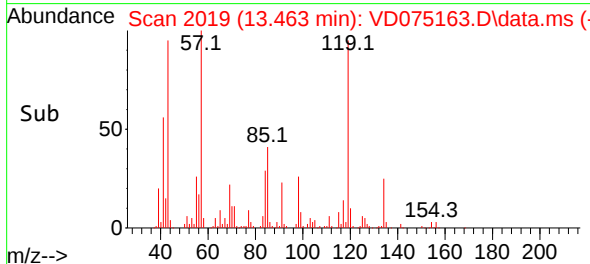
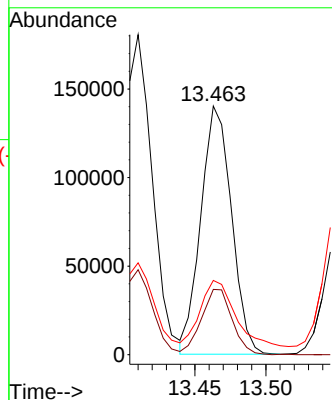
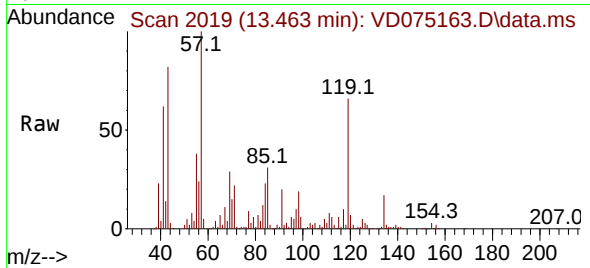
#86
p-Isopropyltoluene
Concen: 136.159 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
B-P38C

Tgt Ion:119 Resp: 210838
Ion Ratio Lower Upper
119 100
134 26.3 13.3 39.8
91 29.7 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/23/2023
Supervised By :Mahesh Dadoda 01/25/2023



#89
n-Butylbenzene
Concen: 148.607 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VD075163.D
Acq: 20 Jan 2023 19:45

Tgt Ion: 91 Resp: 224234
Ion Ratio Lower Upper
91 100
92 67.9 26.8 80.3
134 0.0 13.3 39.8#

