

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073415.D
 Acq On : 27 May 2022 17:08
 Operator : VA/SY
 Sample : N3075-01
 Misc : 5.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/31/2022
 Supervised By :Mahesh Dadoda 05/31/2022

Quant Time: May 28 09:45:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	276043	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	586043	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.638	117	636362	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413822	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	216025	70.812	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.620%			
35) Dibromofluoromethane	7.914	113	118702	30.695	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 61.400%			
50) Toluene-d8	10.344	98	3700112m	259.564	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 519.120%#			
62) 4-Bromofluorobenzene	12.614	95	1225756	245.019	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 490.040%#			
Target Compounds						Qvalue
17) Carbon Disulfide	4.403	76	15709	1.708	ug/l	98
31) Cyclohexane	7.979	56	39602713m	7428.619	ug/l	
39) Methylcyclohexane	9.344	83	41800703m	6449.005	ug/l	
40) Benzene	8.350	78	19793204	1180.845	ug/l	91
52) Toluene	10.403	92	14973903	1413.675	ug/l #	73
67) Ethyl Benzene	11.726	91	30329690m	1323.441	ug/l	
68) m/p-Xylenes	11.832	106	31879549m	3580.492	ug/l	
69) o-Xylene	12.167	106	22520994m	2753.379	ug/l	
73) Isopropylbenzene	12.473	105	12873420	436.371	ug/l	95
78) n-propylbenzene	12.802	91	20054526	541.483	ug/l #	75
80) 1,3,5-Trimethylbenzene	12.944	105	20648533m	826.257	ug/l	
83) tert-Butylbenzene	13.214	119	392646	18.643	ug/l	88
84) 1,2,4-Trimethylbenzene	13.244	105	27796079m	1125.896	ug/l	
85) sec-Butylbenzene	13.391	105	4854891	150.963	ug/l #	62
86) p-Isopropyltoluene	13.508	119	6331196	241.507	ug/l	97
89) n-Butylbenzene	13.832	91	5777158	231.287	ug/l #	67

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

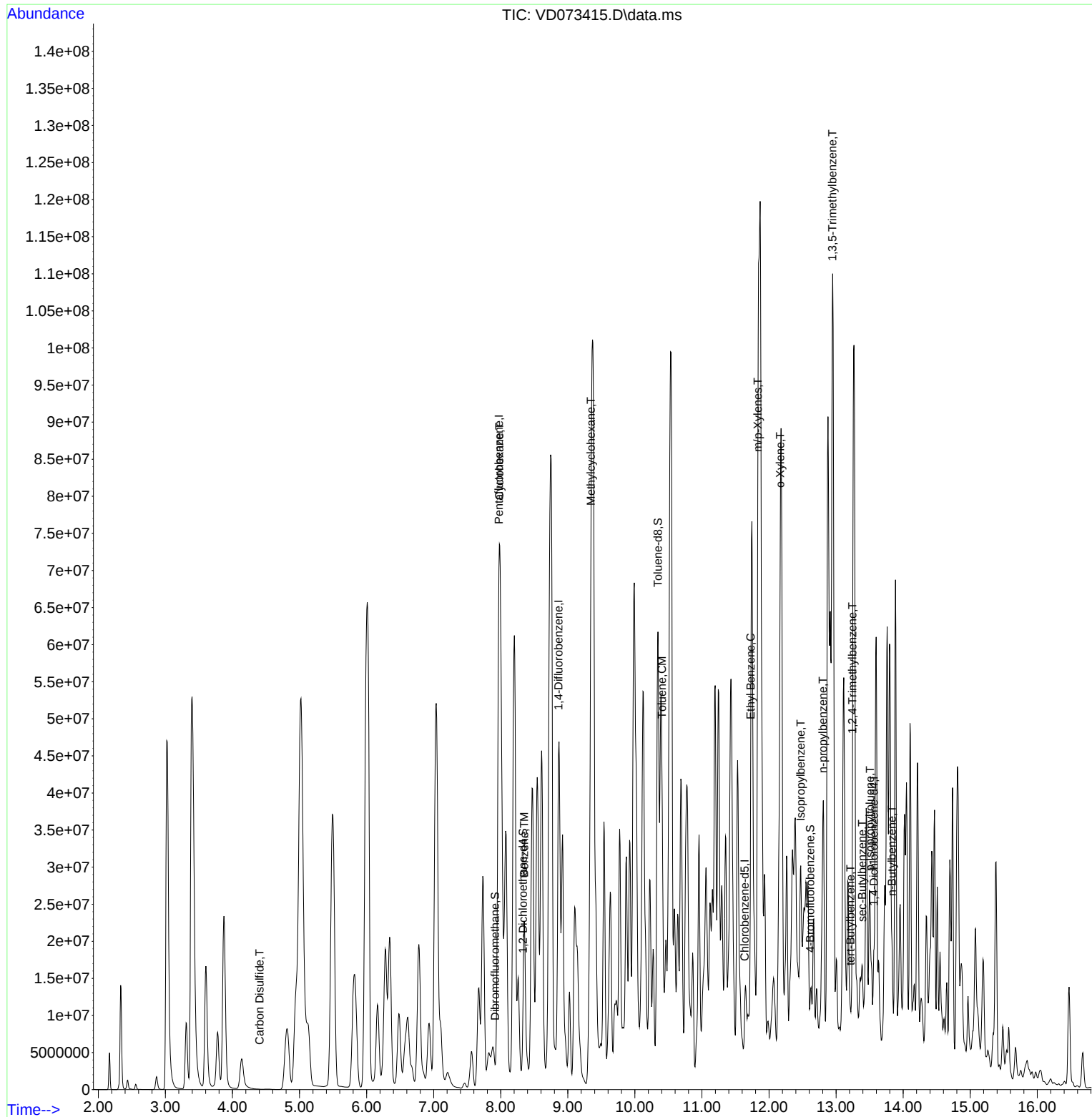
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
Data File : VD073415.D
Acq On : 27 May 2022 17:08
Operator : VA/SY
Sample : N3075-01
Misc : 5.82G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

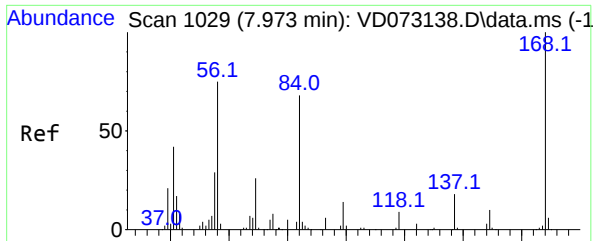
Instrument :
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Supervised By :Mahesh Dadoda 05/31/2022

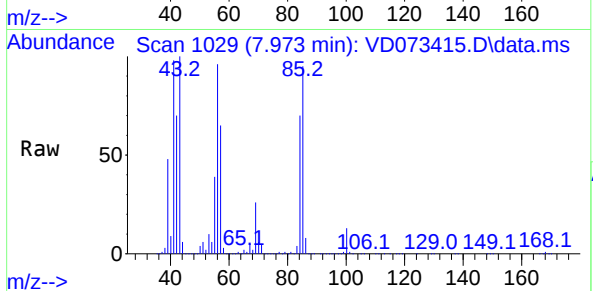
Quant Time: May 28 09:45:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

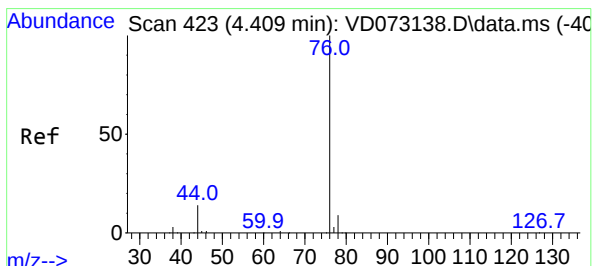
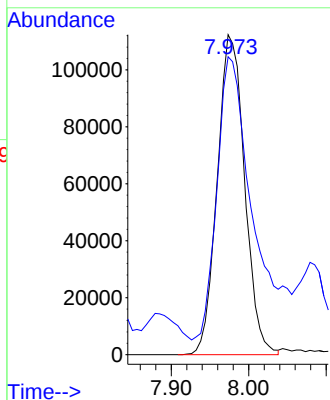
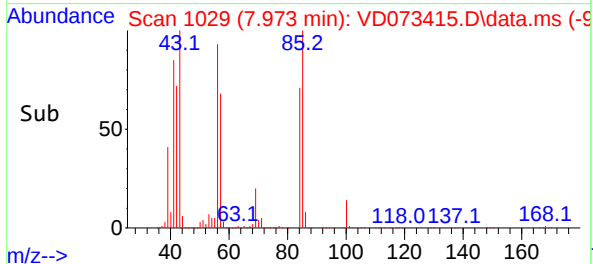
Instrument :
MSVOA_D
ClientSampleId :
SS-1



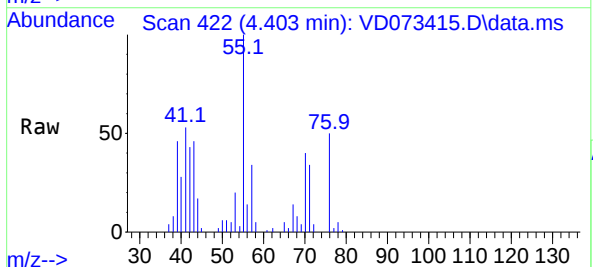
Tgt Ion:168 Resp: 27604
Ion Ratio Lower Upper
168 100
99 84.0 49.8 74.6

Manual Integrations
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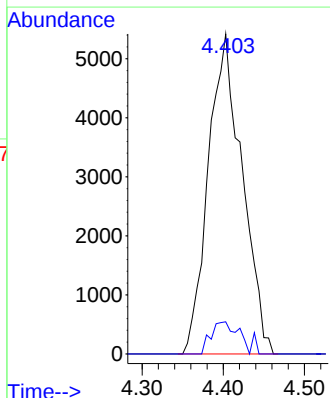
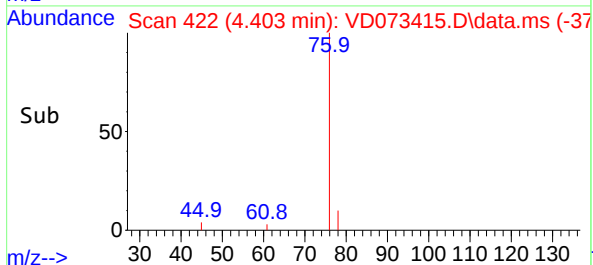
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

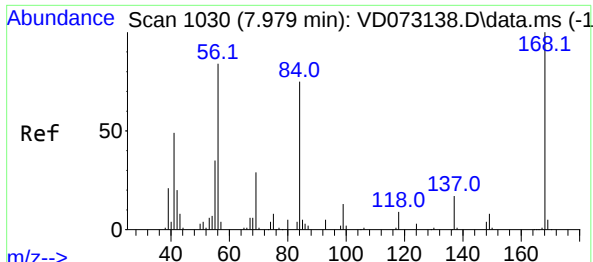


#17
Carbon Disulfide
Concen: 1.708 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



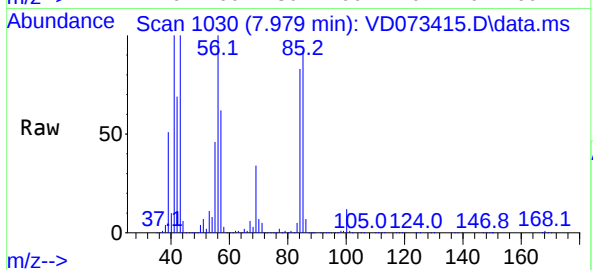
Tgt Ion: 76 Resp: 15709
Ion Ratio Lower Upper
76 100
78 10.1 7.5 11.3





#31
Cyclohexane
Concen: 7428.619 ug/l m
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

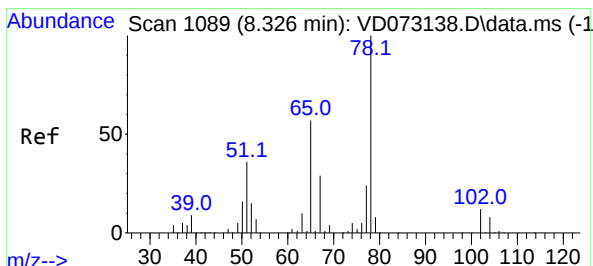
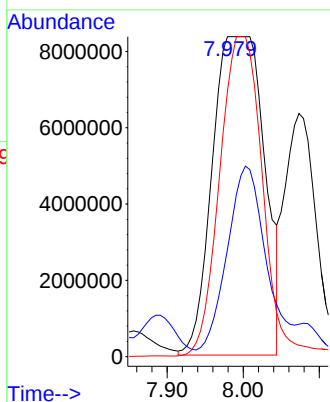
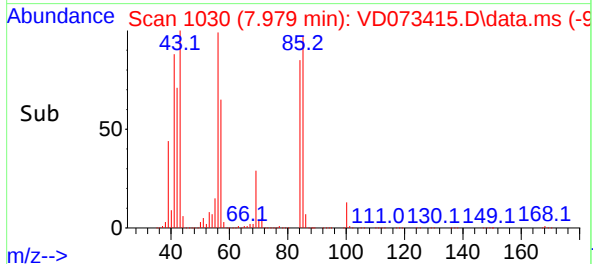
Instrument :
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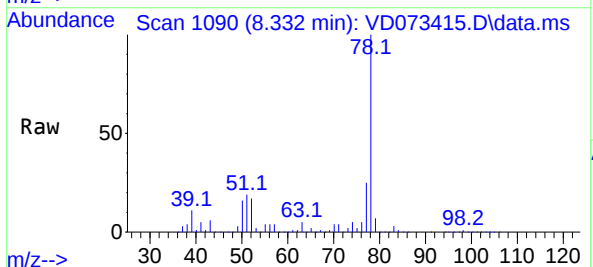
Tgt Ion: 56 Resp: 3960271
Ion Ratio Lower Upper
56 100
69 33.5 25.4 38.2
84 83.0 63.0 94.4

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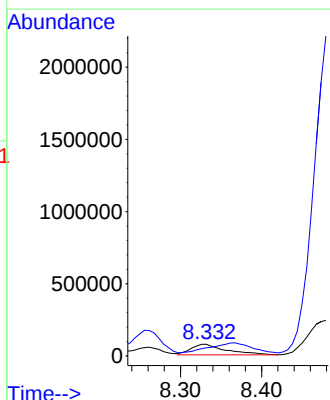
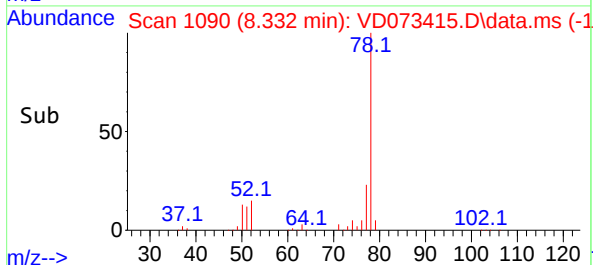
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

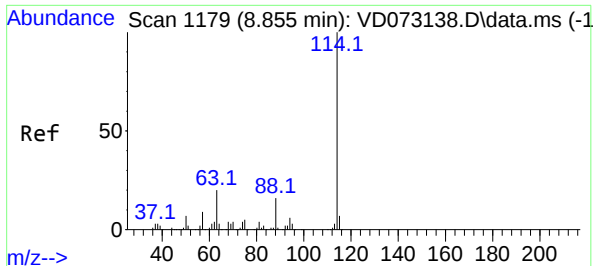


#33
1,2-Dichloroethane-d4
Concen: 70.812 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



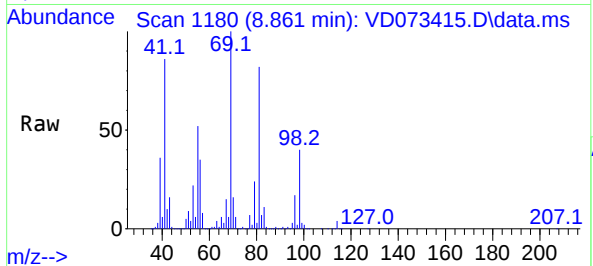
Tgt Ion: 65 Resp: 216025
Ion Ratio Lower Upper
65 100
67 0.0 0.0 101.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

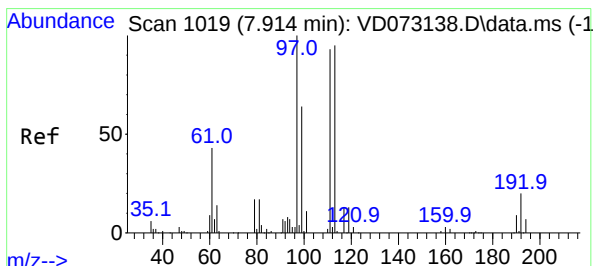
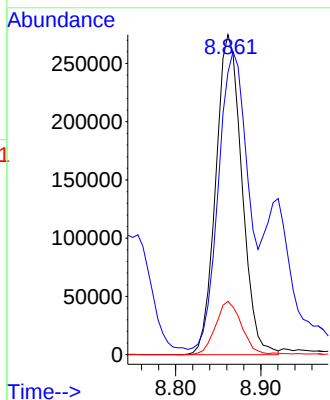
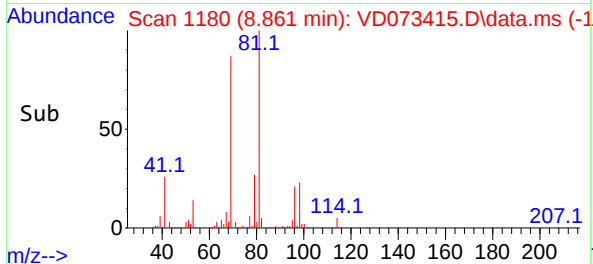
Instrument :
MSVOA_D
ClientSampleId :
SS-1



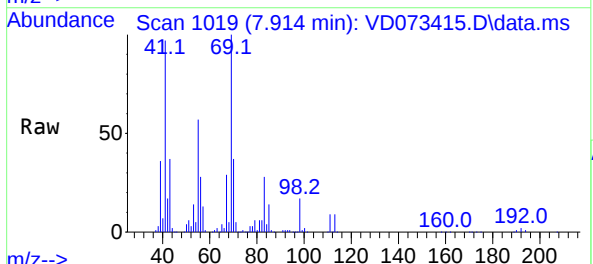
Tgt Ion:114 Resp: 58604
Ion Ratio Lower Upper
114 100
63 86.0 0.0 46.6
88 16.6 0.0 33.2

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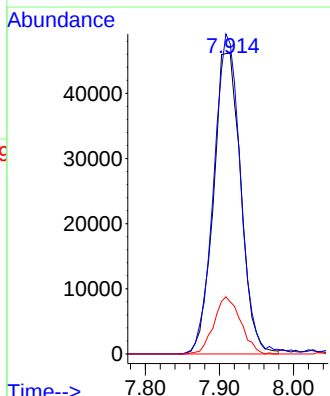
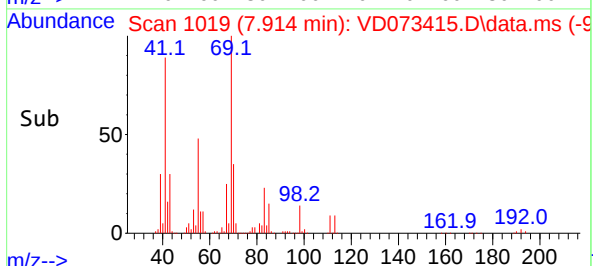
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

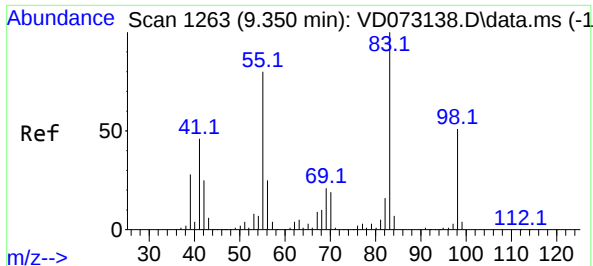


#35
Dibromofluoromethane
Concen: 30.695 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



Tgt Ion:113 Resp: 118702
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 18.5 14.6 21.8





#39

Methylcyclohexane

Concen: 6449.005 ug/l m

RT: 9.344 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073415.D

Acq: 27 May 2022 17:08

Instrument :

MSVOA_D

ClientSampleId :

SS-1

Tgt Ion: 83 Resp:4180070

Ion Ratio Lower Upper

83 100

55 100.0 63.2 94.8

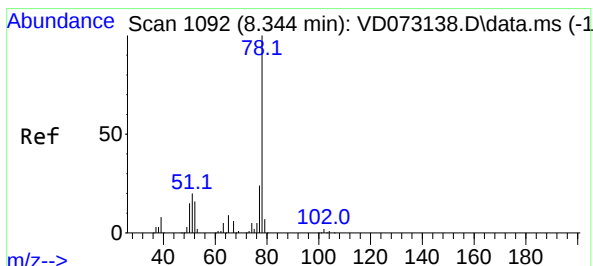
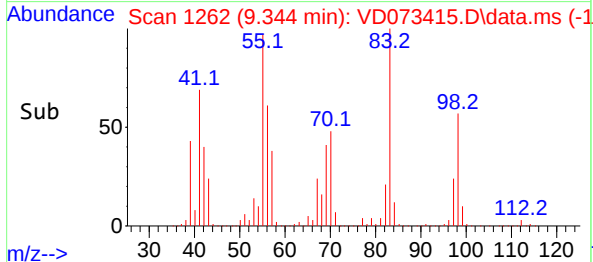
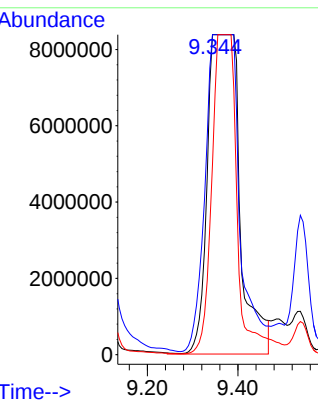
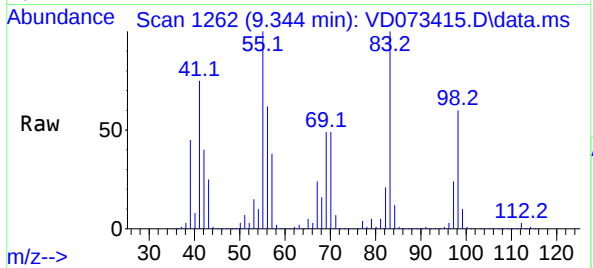
98 59.7 38.2 57.4

Manual Integrations

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Reviewed By :Krupa Patel 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#40

Benzene

Concen: 1180.845 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD073415.D

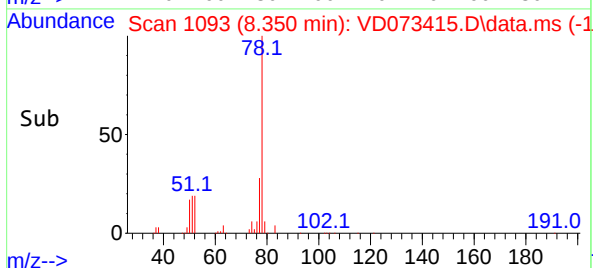
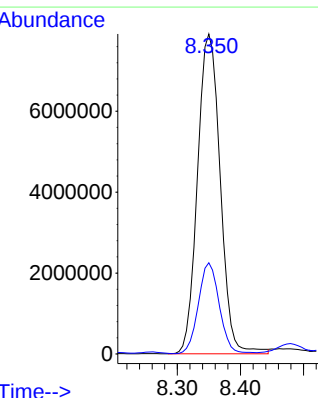
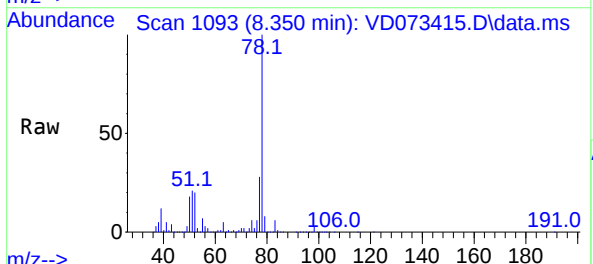
Acq: 27 May 2022 17:08

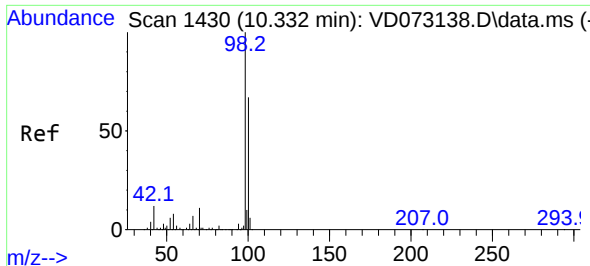
Tgt Ion: 78 Resp:19793204

Ion Ratio Lower Upper

78 100

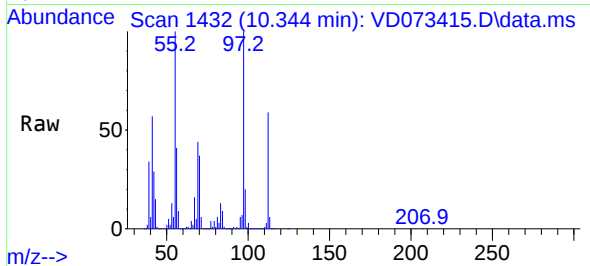
77 28.3 19.1 28.7





#50
Toluene-d8
Concen: 259.564 ug/l m
RT: 10.344 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

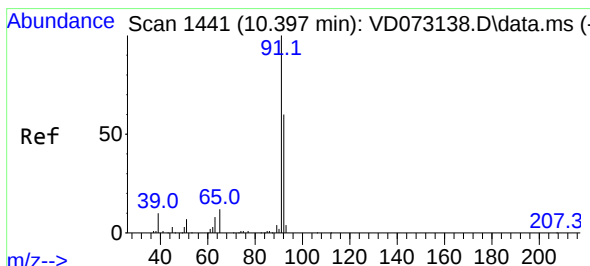
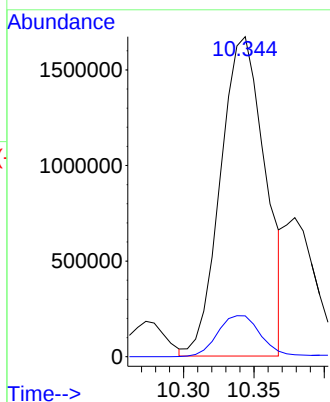
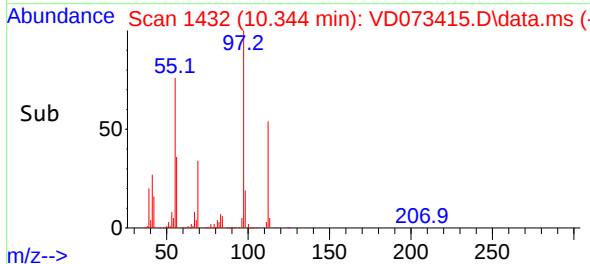
Instrument :
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SS-1



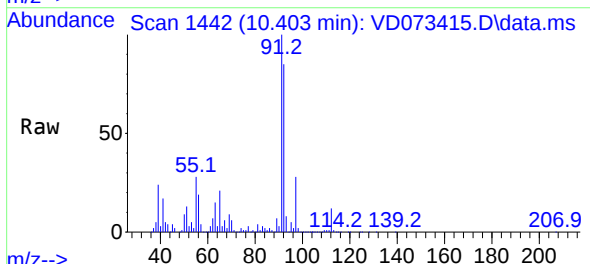
Tgt Ion: 98 Resp: 3700112
Ion Ratio Lower Upper
98 100
100 13.0 52.4 78.6

Manual Integrations
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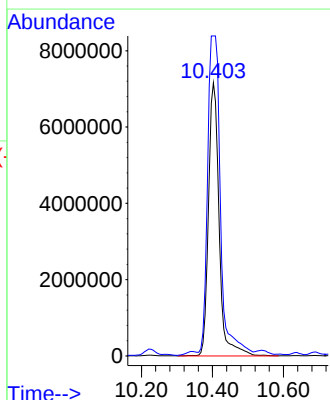
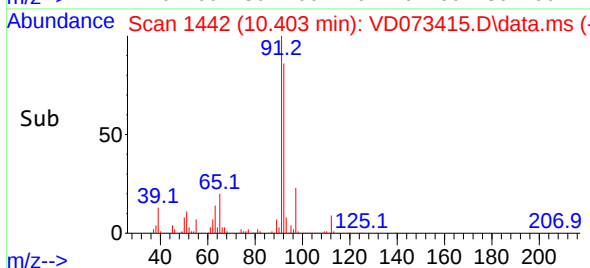
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Supervised By :Mahesh Dadoda 05/31/2022

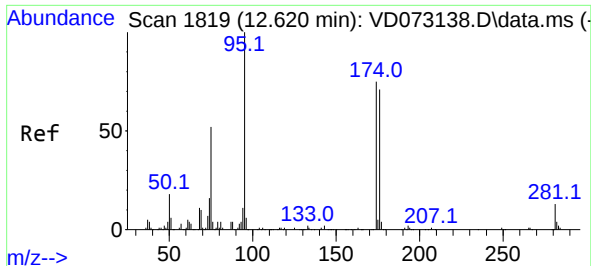


#52
Toluene
Concen: 1413.675 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



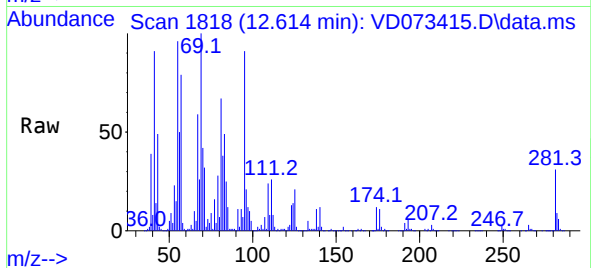
Tgt Ion: 92 Resp:14973903
Ion Ratio Lower Upper
92 100
91 136.5 139.6 209.4#





#62
4-Bromofluorobenzene
Concen: 245.019 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

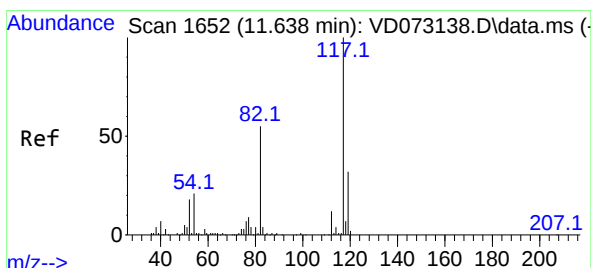
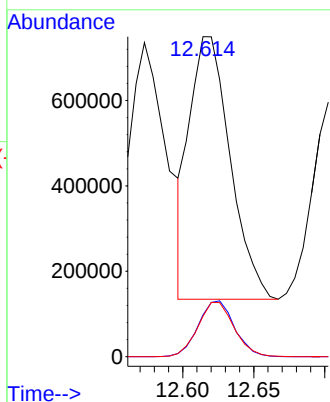
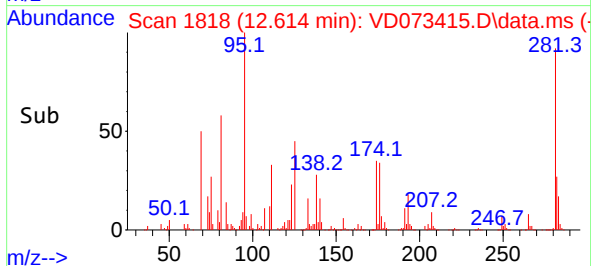
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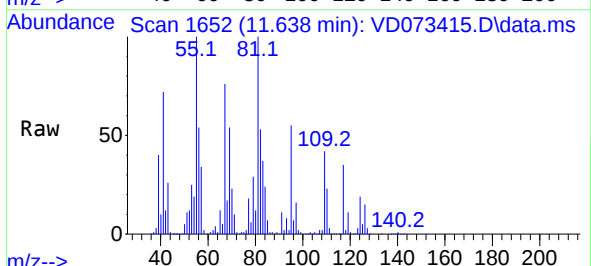
Tgt Ion: 95 Resp: 1225750
Ion Ratio Lower Upper
95 100
174 18.9 0.0 152.8
176 18.5 0.0 145.4

Manual Integrations
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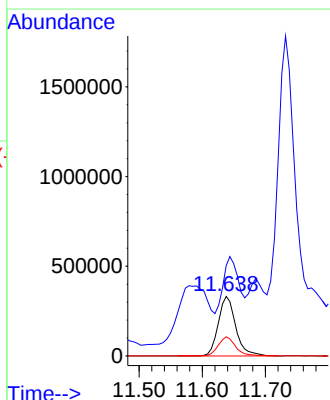
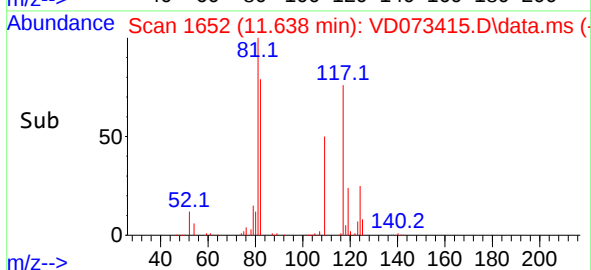
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

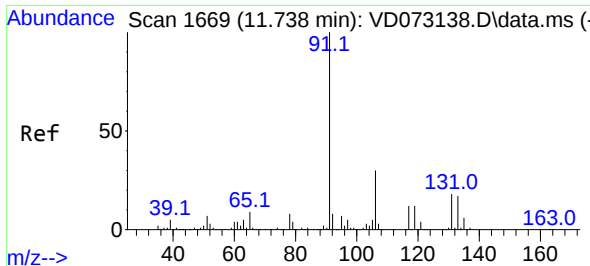


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



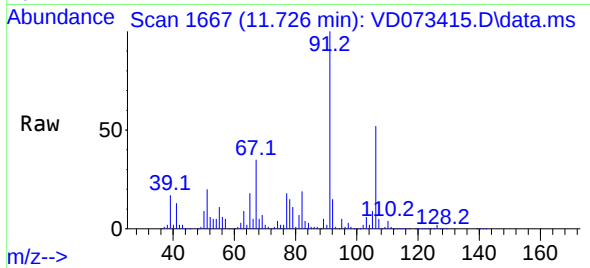
Tgt Ion:117 Resp: 636362
Ion Ratio Lower Upper
117 100
82 78.1 45.3 67.9#
119 32.1 26.6 40.0





#67
Ethyl Benzene
Concen: 1323.441 ug/l m
RT: 11.726 min Scan# 1667
Delta R.T. -0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

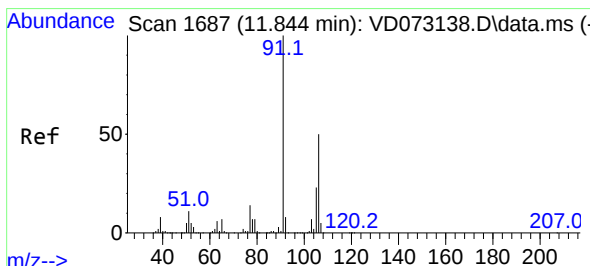
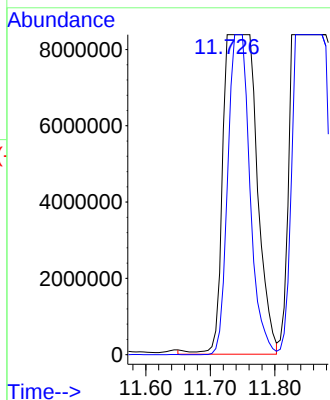
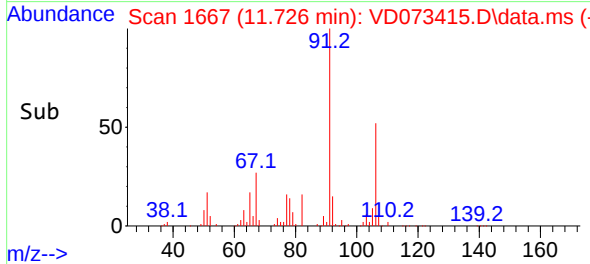
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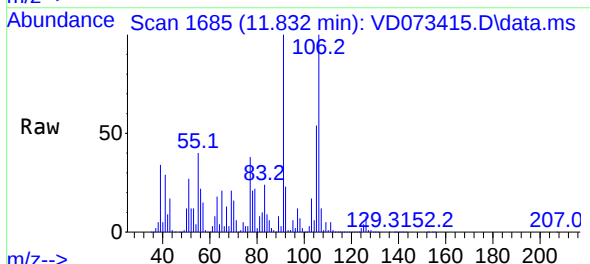
Tgt Ion: 91 Resp:30329690
Ion Ratio Lower Upper
91 100
106 52.0 24.2 36.4

Manual Integrations
APPROVED

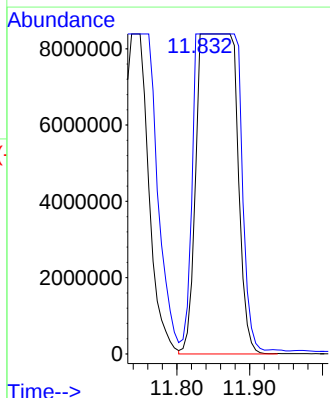
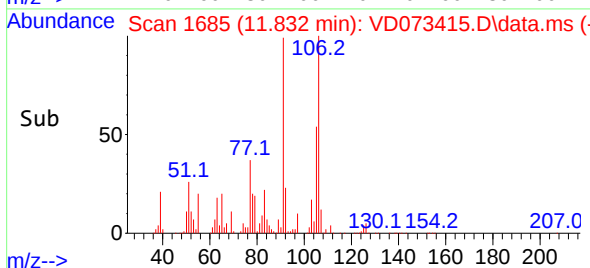
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

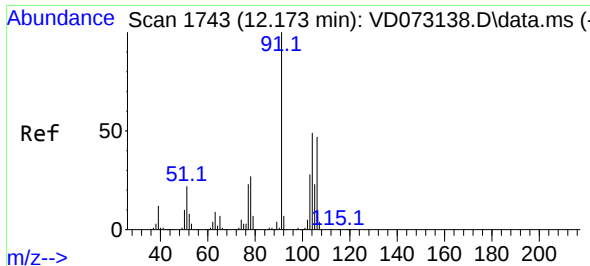


#68
m/p-Xylenes
Concen: 3580.492 ug/l m
RT: 11.832 min Scan# 1685
Delta R.T. -0.012 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



Tgt Ion:106 Resp:31879549
Ion Ratio Lower Upper
106 100
91 0.0 163.7 245.5





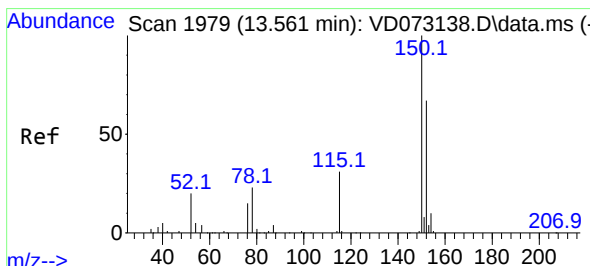
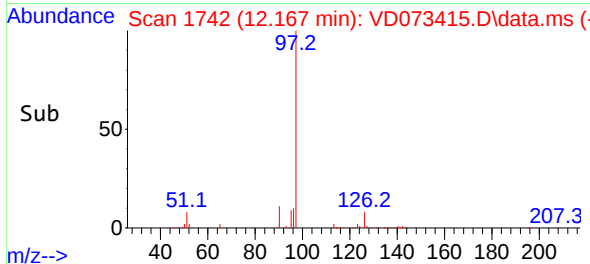
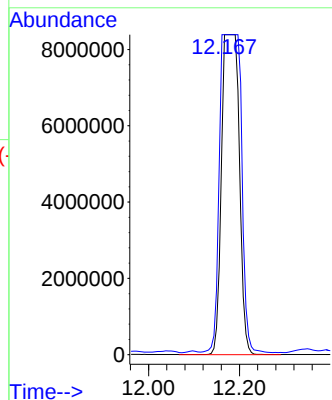
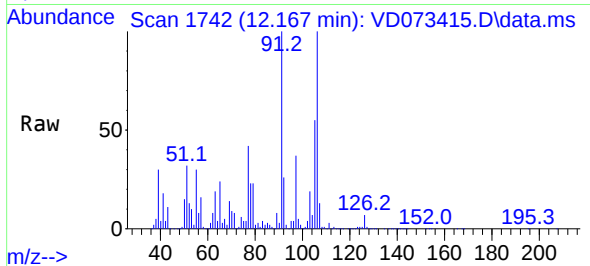
#69
o-Xylene
Concen: 2753.379 ug/l m
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

Instrument :
MSVOA_D
ClientSampleId :
SS-1

Tgt Ion:106 Resp:22520994
Ion Ratio Lower Upper
106 100
91 0.0 110.4 331.2

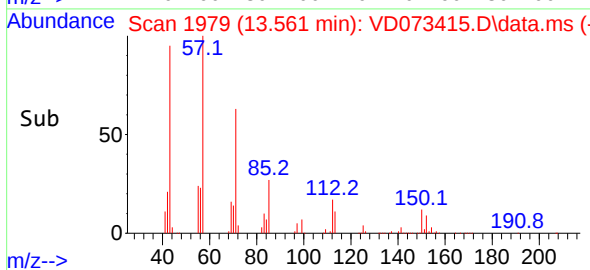
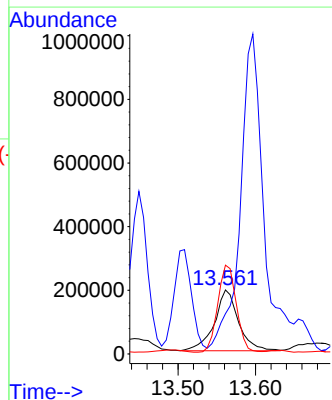
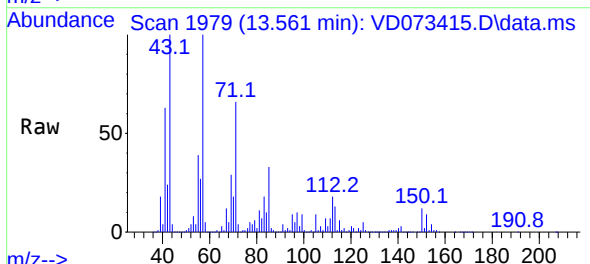
Manual Integrations
APPROVED

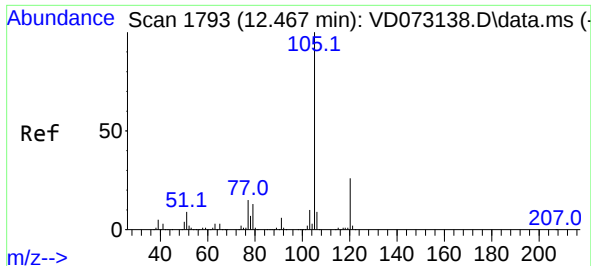
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

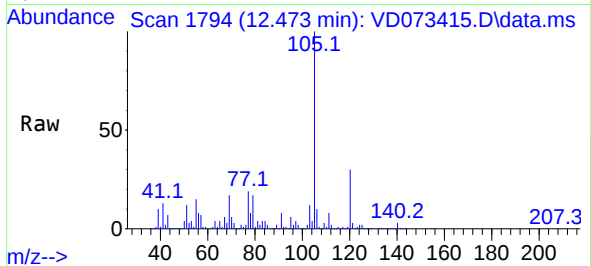
Tgt Ion:152 Resp: 413822
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 110.5 0.0 348.6





#73
Isopropylbenzene
Concen: 436.371 ug/l
RT: 12.473 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

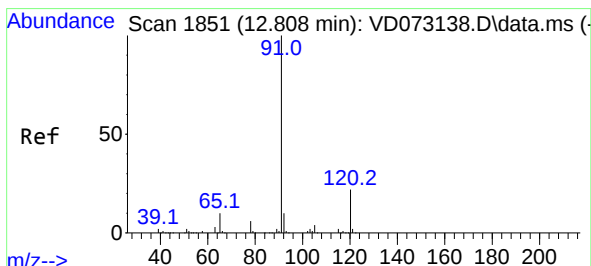
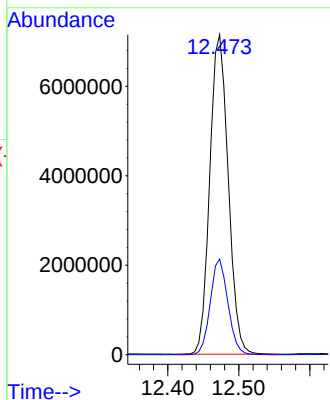
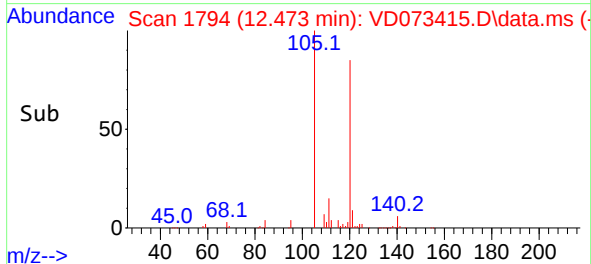
Instrument :
MSVOA_D
ClientSampleId :
SS-1



Tgt Ion:105 Resp:12873420
Ion Ratio Lower Upper
105 100
120 28.5 13.0 38.9

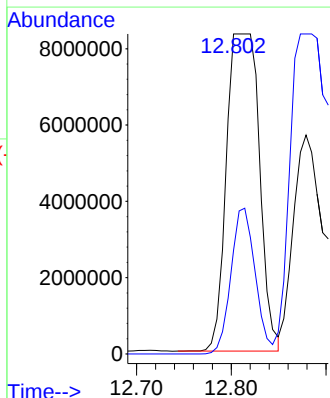
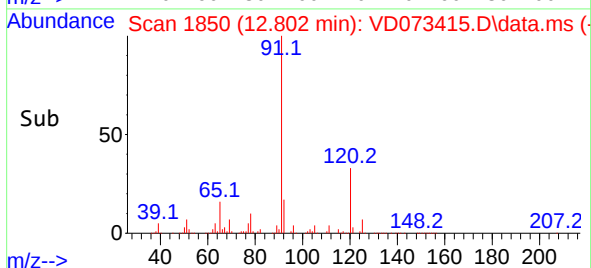
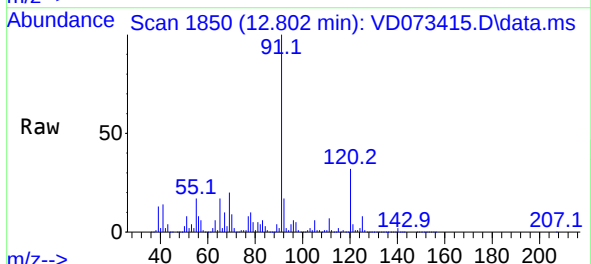
Manual Integrations
APPROVED

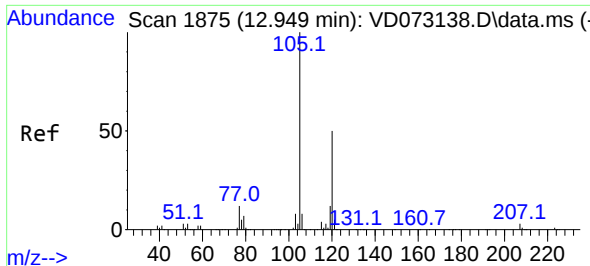
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#78
n-propylbenzene
Concen: 541.483 ug/l
RT: 12.802 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

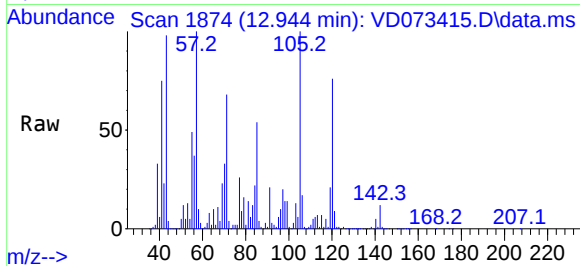
Tgt Ion: 91 Resp:20054526
Ion Ratio Lower Upper
91 100
120 33.9 10.9 32.9#





#80
1,3,5-Trimethylbenzene
Concen: 826.257 ug/l m
RT: 12.944 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

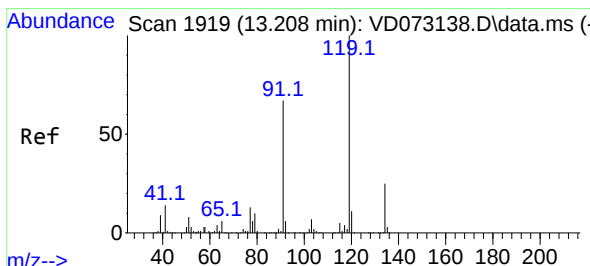
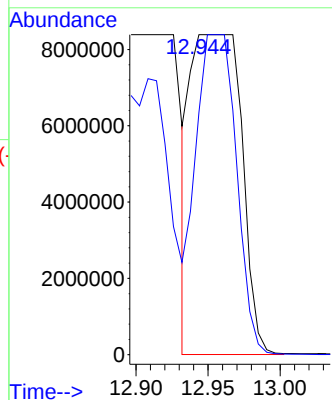
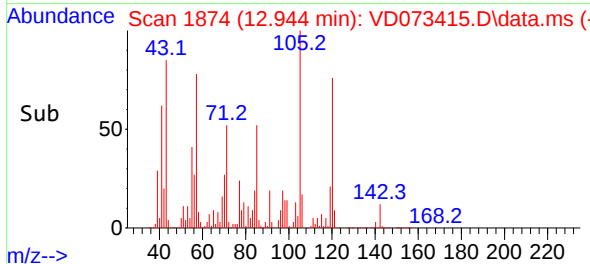
Instrument :
MSVOA_D
ClientSampleId :
SS-1



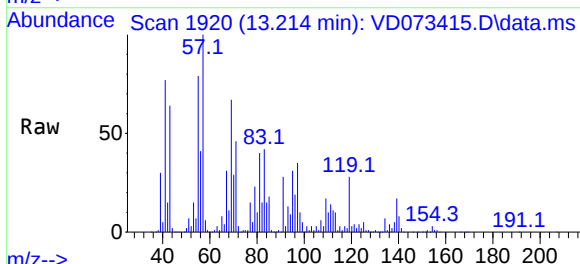
Tgt Ion:105 Resp:2064853
Ion Ratio Lower Upper
105 100
120 79.5 24.3 72.8

Manual Integrations
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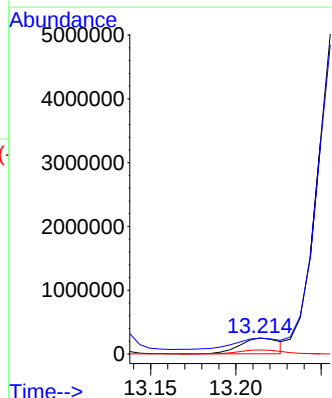
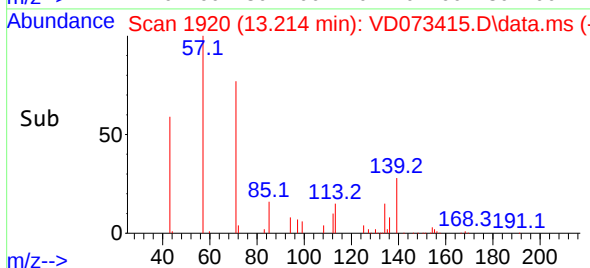
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

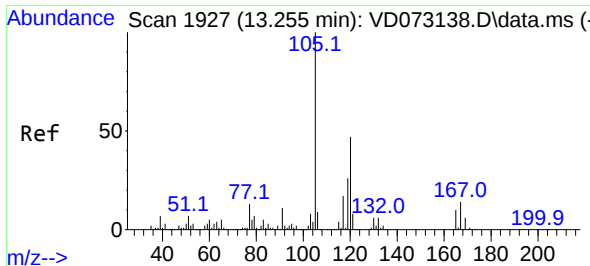


#83
tert-Butylbenzene
Concen: 18.643 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



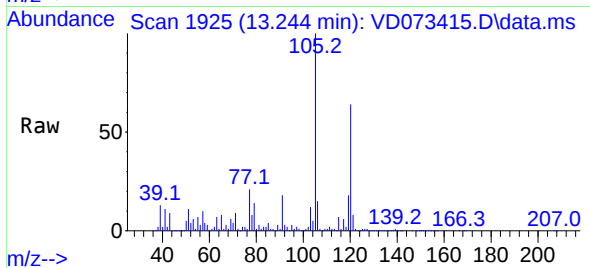
Tgt Ion:119 Resp: 392646
Ion Ratio Lower Upper
119 100
91 82.7 34.8 104.5
134 27.8 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 1125.896 ug/l m
RT: 13.244 min Scan# 1925
Delta R.T. -0.011 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

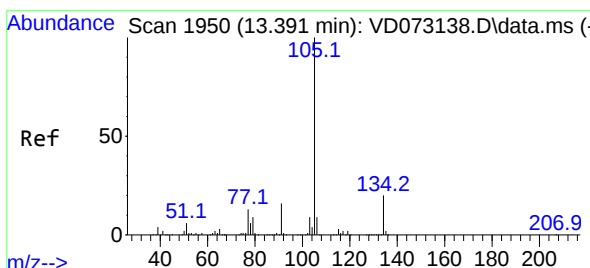
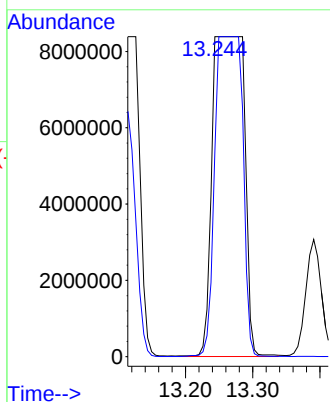
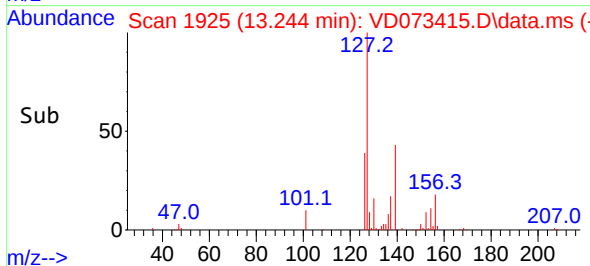
Instrument :
MSVOA_D
ClientSampleId :
SS-1



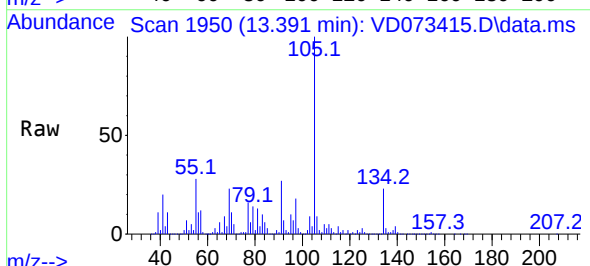
Tgt Ion:105 Resp:27796079
Ion Ratio Lower Upper
105 100
120 0.0 22.3 66.8

Manual Integrations
APPROVED

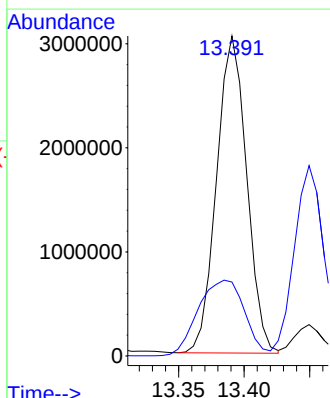
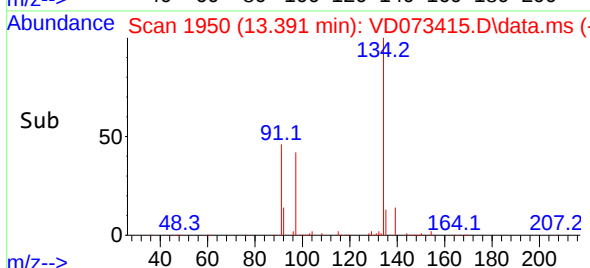
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

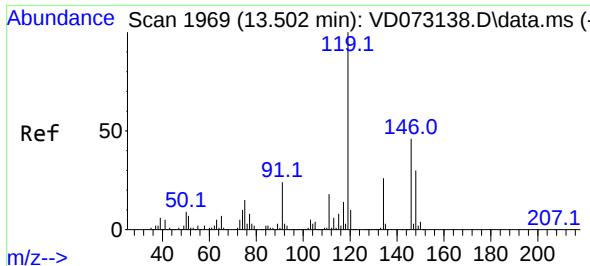


#85
sec-Butylbenzene
Concen: 150.963 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



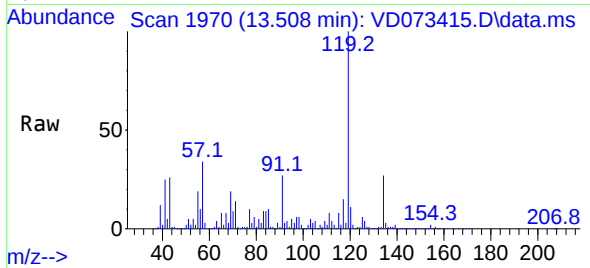
Tgt Ion:105 Resp: 4854891
Ion Ratio Lower Upper
105 100
134 36.9 9.8 29.3#





#86
p-Isopropyltoluene
Concen: 241.507 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08

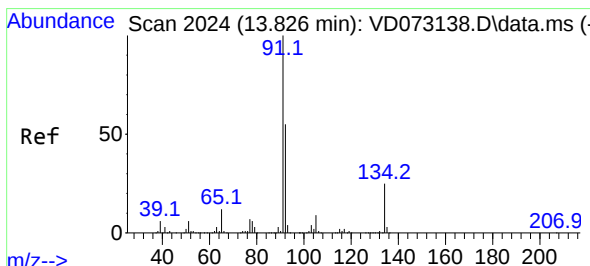
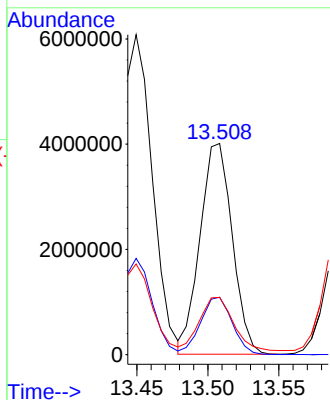
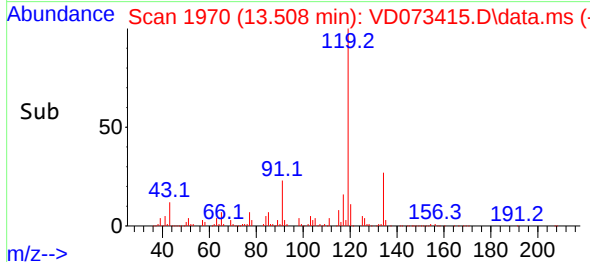
Instrument :
MSVOA_D
ClientSampleId :
SS-1



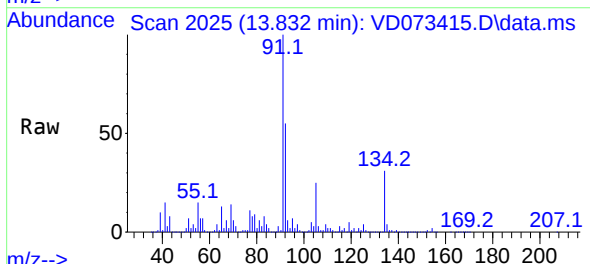
Tgt Ion: 119 Resp: 6331190
Ion Ratio Lower Upper
119 100
134 26.8 12.9 38.6
91 26.2 12.1 36.3

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#89
n-Butylbenzene
Concen: 231.287 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073415.D
Acq: 27 May 2022 17:08



Tgt Ion: 91 Resp: 5777158
Ion Ratio Lower Upper
91 100
92 71.4 26.6 79.8
134 0.0 12.3 36.9#

