

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
 Data File : VD073417.D
 Acq On : 27 May 2022 18:06
 Operator : VA/SY
 Sample : N3075-03
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-3

Manual Integrations
 APPROVED

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

Quant Time: May 28 09:46:23 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	406424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	751659	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.638	117	708382	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	433714	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229100	51.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.020%			
35) Dibromofluoromethane	7.908	113	140071	28.240	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 56.480%			
50) Toluene-d8	10.338	98	3803795	208.044	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 416.080%#			
62) 4-Bromofluorobenzene	12.614	95	1359406	211.862	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 423.720%#			
Target Compounds					Qvalue	
17) Carbon Disulfide	4.403	76	26617	1.966	ug/l	97
31) Cyclohexane	7.979	56	21477767	2736.338	ug/l	99
39) Methylcyclohexane	9.344	83	32646593m	3926.952	ug/l	
40) Benzene	8.344	78	1193388	55.509	ug/l	100
52) Toluene	10.397	92	394476	29.036	ug/l	90
67) Ethyl Benzene	11.738	91	15550698	609.569	ug/l	# 85
68) m/p-Xylenes	11.849	106	3067570	309.501	ug/l	99
69) o-Xylene	12.173	106	867103	95.233	ug/l	89
73) Isopropylbenzene	12.473	105	9707079	313.950	ug/l	97
78) n-propylbenzene	12.808	91	16117874	415.231	ug/l	88
80) 1,3,5-Trimethylbenzene	12.949	105	13434238	512.919	ug/l	93
83) tert-Butylbenzene	13.208	119	438365	19.859	ug/l	88
84) 1,2,4-Trimethylbenzene	13.255	105	11586913	447.809	ug/l	93
85) sec-Butylbenzene	13.385	105	4435997	131.611	ug/l	# 62
86) p-Isopropyltoluene	13.502	119	4681323	170.382	ug/l	97
89) n-Butylbenzene	13.832	91	4667928	178.308	ug/l	# 69
95) Naphthalene	15.379	128	9809526m	645.740	ug/l	

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

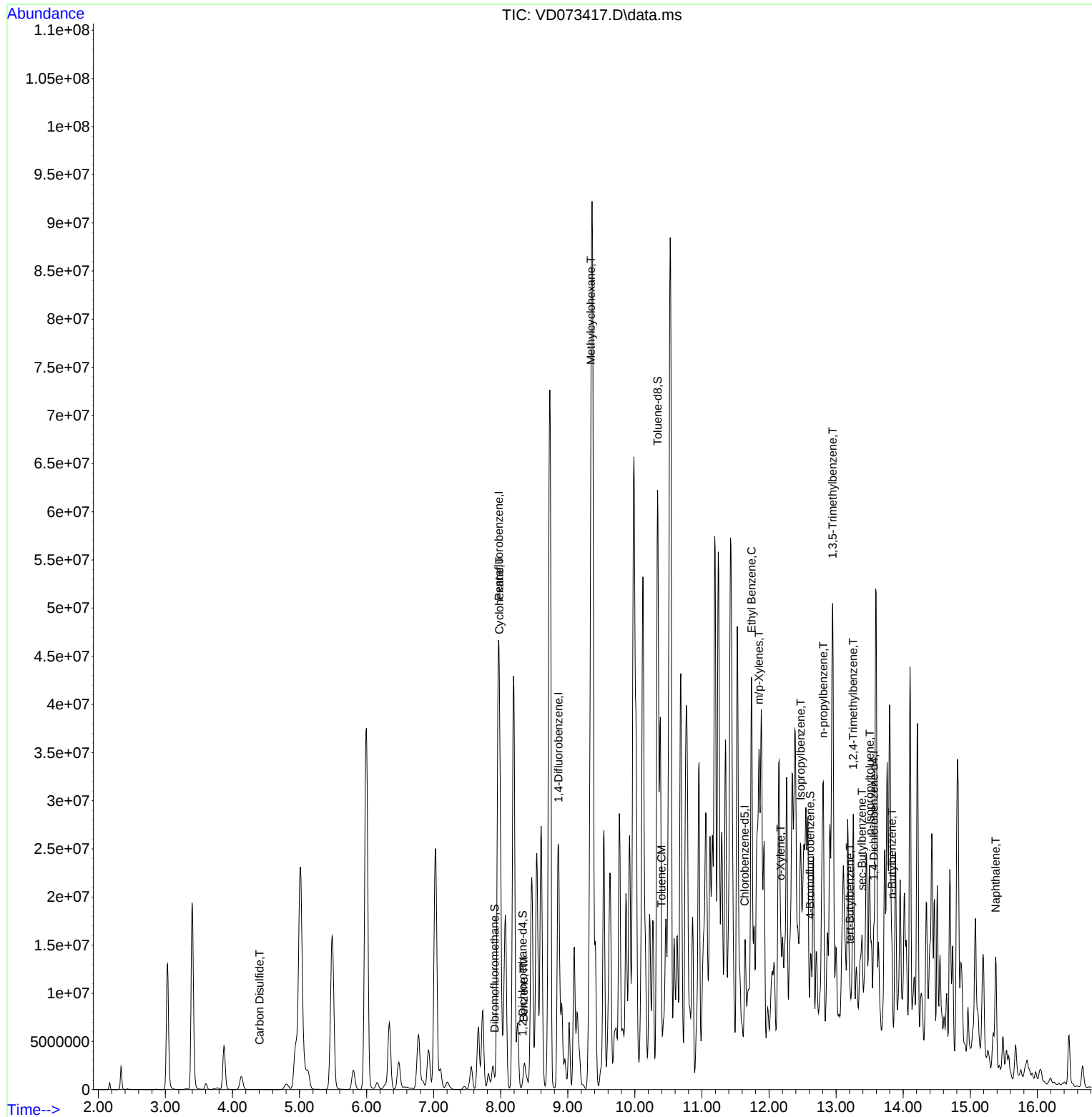
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052722\
Data File : VD073417.D
Acq On : 27 May 2022 18:06
Operator : VA/SY
Sample : N3075-03
Misc : 6.23G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

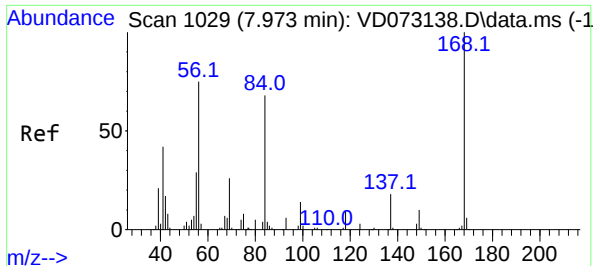
Instrument :
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Supervised By :Mahesh Dadoda 05/31/2022

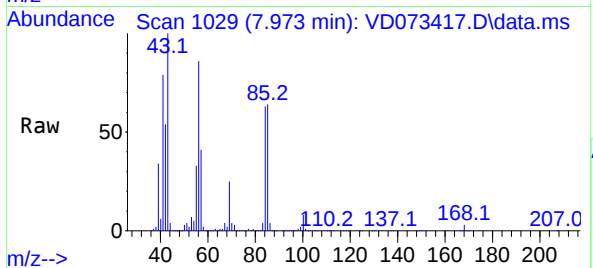
Quant Time: May 28 09:46:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

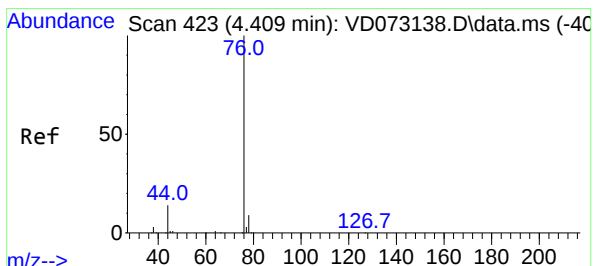
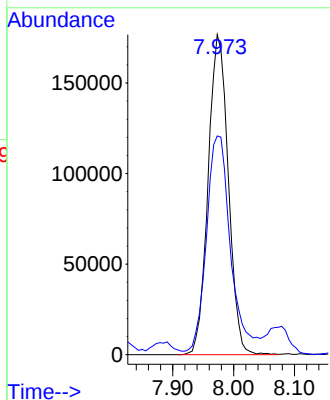
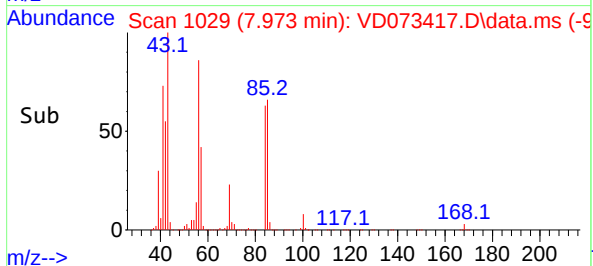
Instrument :
MSVOA_D
ClientSampleId :
SS-3



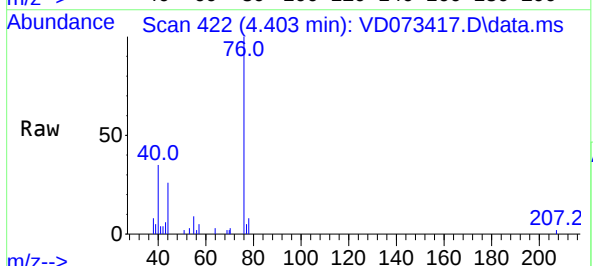
Tgt Ion:168 Resp: 406424
Ion Ratio Lower Upper
168 100
99 66.9 49.8 74.6

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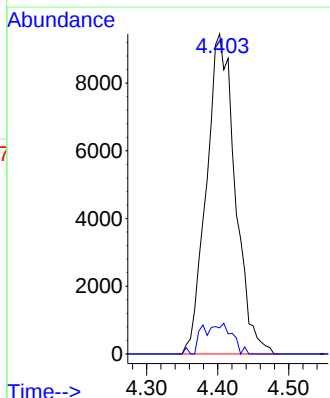
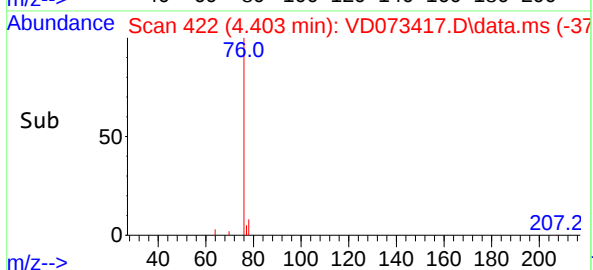
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

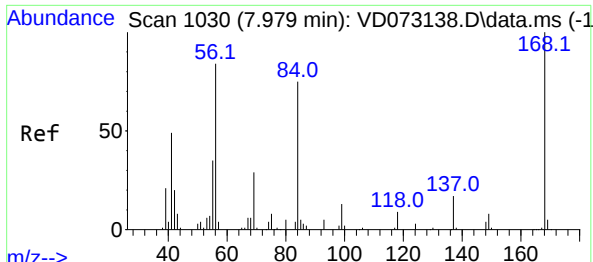


#17
Carbon Disulfide
Concen: 1.966 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



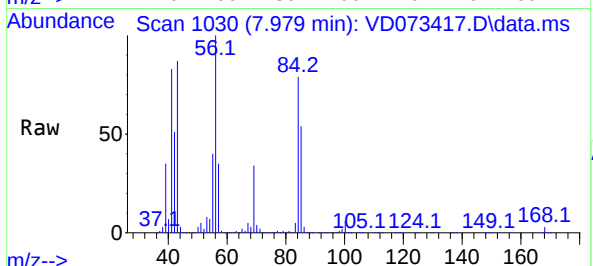
Tgt Ion: 76 Resp: 26617
Ion Ratio Lower Upper
76 100
78 8.1 7.5 11.3





#31
Cyclohexane
Concen: 2736.338 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

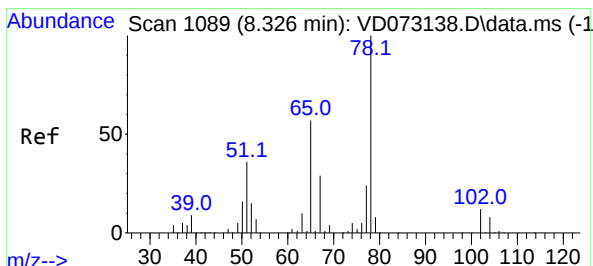
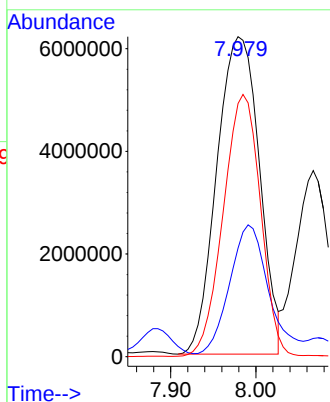
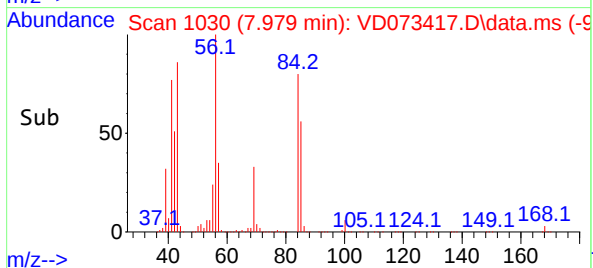
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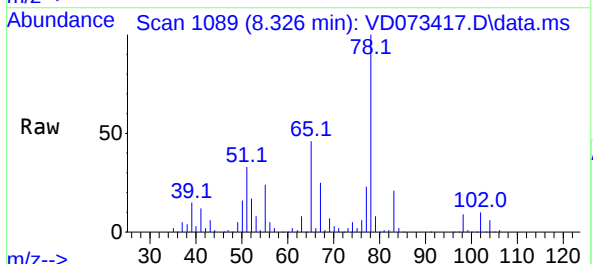
Tgt Ion: 56 Resp: 2147776
Ion Ratio Lower Upper
56 100
69 30.9 25.4 38.2
84 79.6 63.0 94.4

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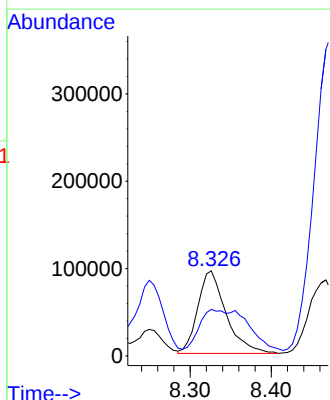
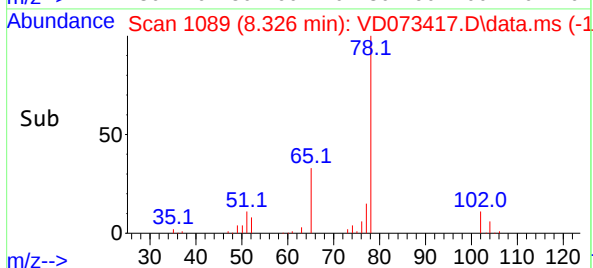
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

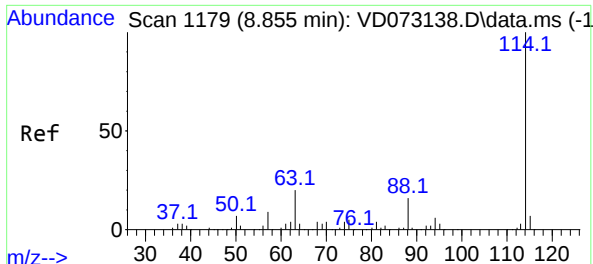


#33
1,2-Dichloroethane-d4
Concen: 51.007 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



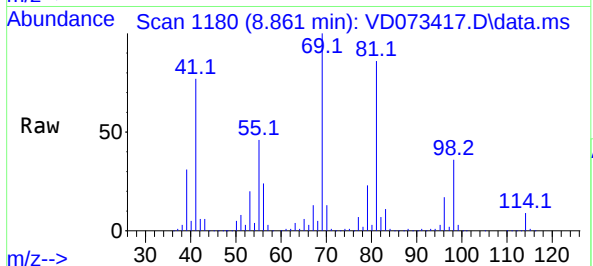
Tgt Ion: 65 Resp: 229100
Ion Ratio Lower Upper
65 100
67 84.0 0.0 101.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

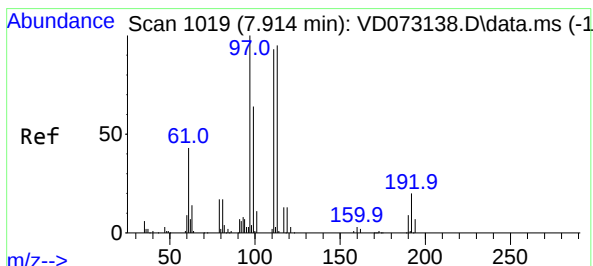
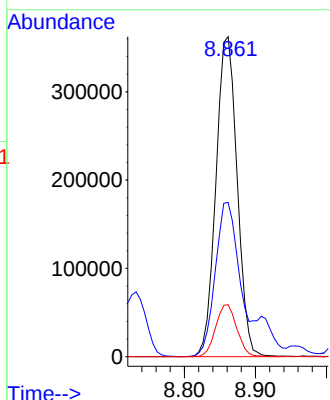
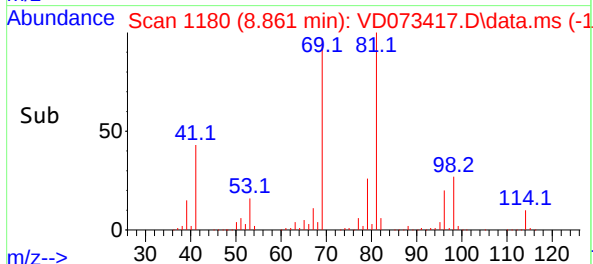
Instrument :
MSVOA_D
ClientSampleId :
SS-3



Tgt Ion:114 Resp: 751659
Ion Ratio Lower Upper
114 100
63 48.1 0.0 46.6
88 16.2 0.0 33.2

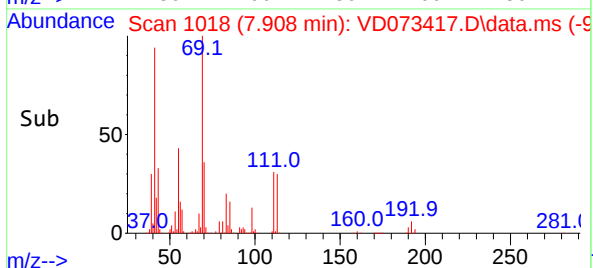
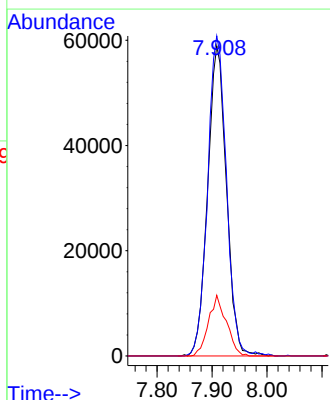
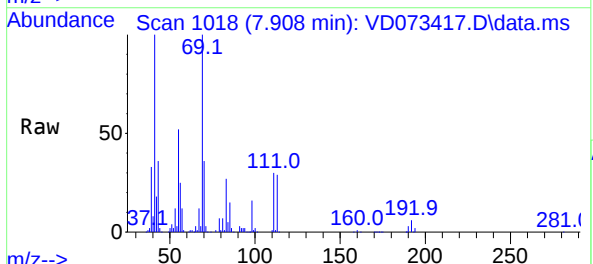
Manual Integrations
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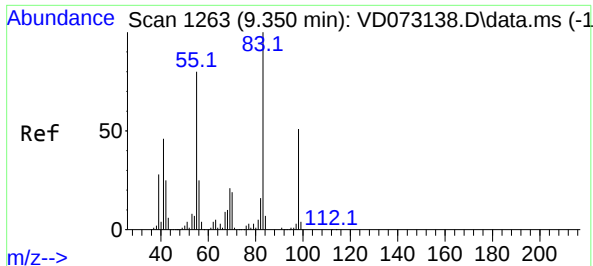
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#35
Dibromofluoromethane
Concen: 28.240 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Tgt Ion:113 Resp: 140071
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.6 14.6 21.8





#39

Methylcyclohexane

Concen: 3926.952 ug/l m

RT: 9.344 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073417.D

Acq: 27 May 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

SS-3

Tgt Ion: 83 Resp: 3264659

Ion Ratio Lower Upper

83 100

55 100.0 63.2 94.8

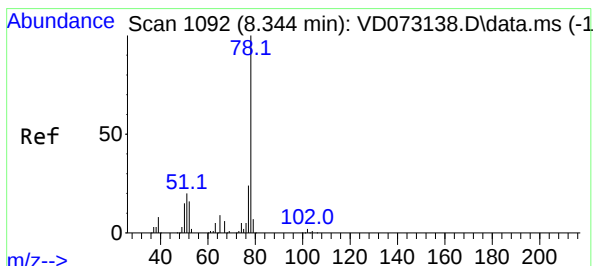
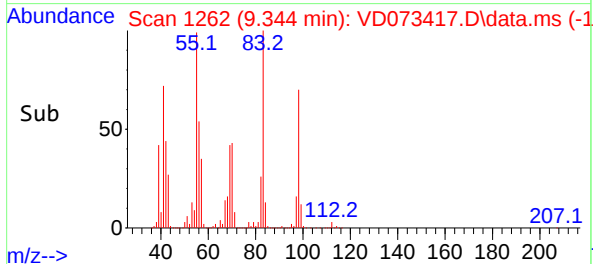
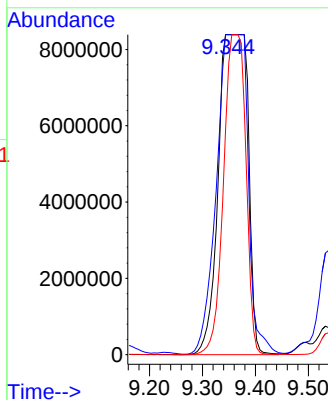
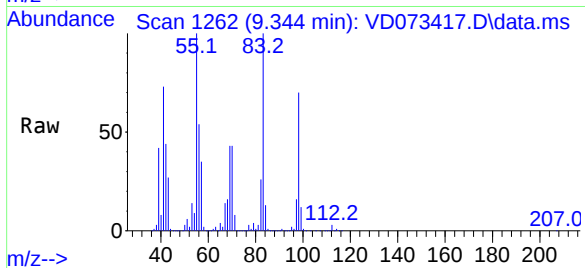
98 70.3 38.2 57.4

Manual Integrations

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Reviewed By :Krupa Patel 05/31/2022

Supervised By :Mahesh Dadoda 05/31/2022



#40

Benzene

Concen: 55.509 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073417.D

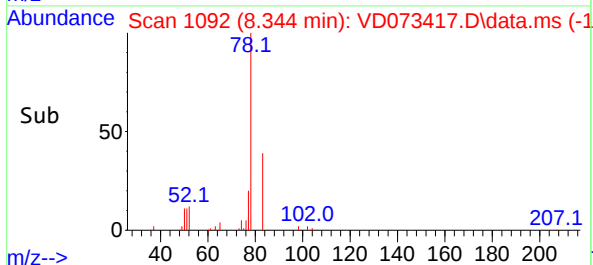
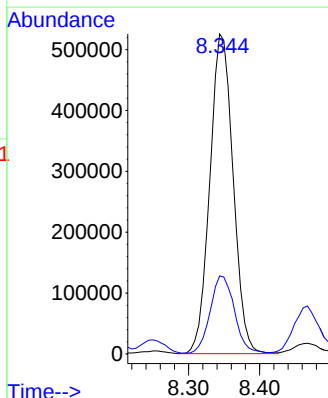
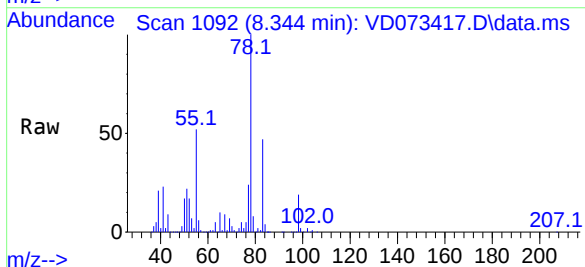
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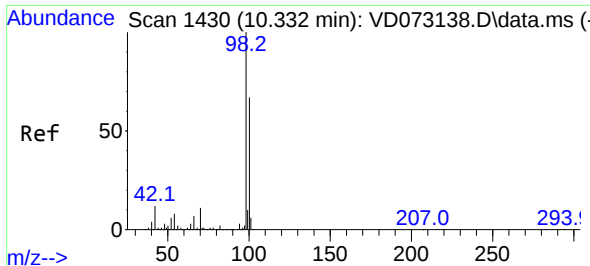
Tgt Ion: 78 Resp: 1193388

Ion Ratio Lower Upper

78 100

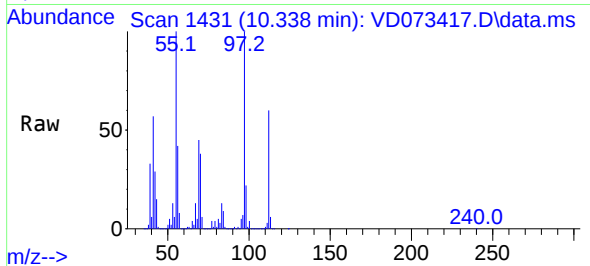
77 23.9 19.1 28.7





#50
Toluene-d8
Concen: 208.044 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

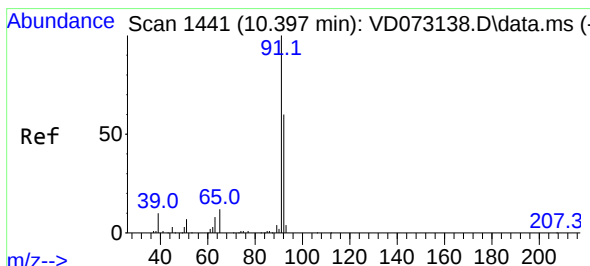
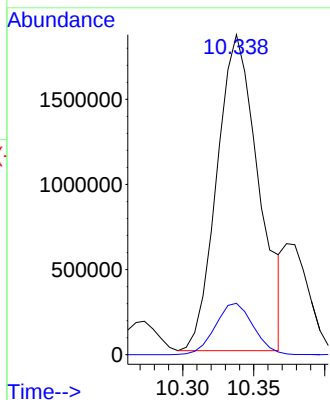
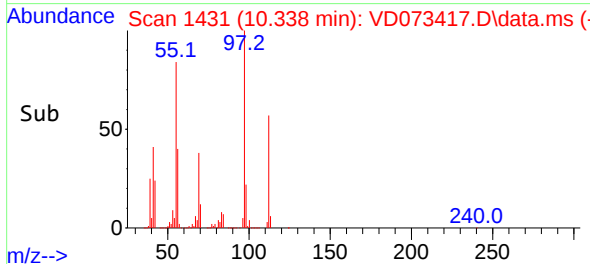
Instrument :
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SS-3



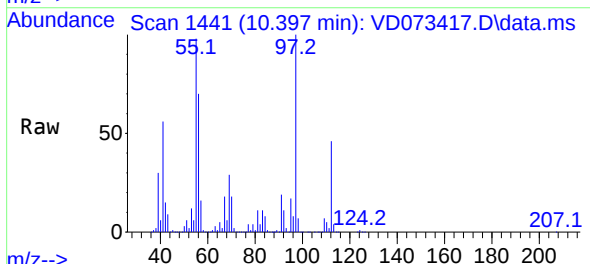
Tgt Ion: 98 Resp: 380379
Ion Ratio Lower Upper
98 100
100 14.8 52.4 78.6

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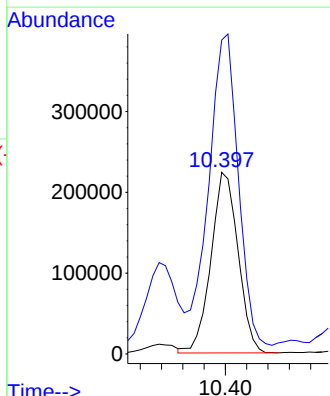
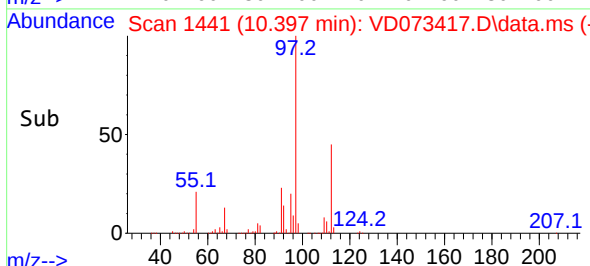
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

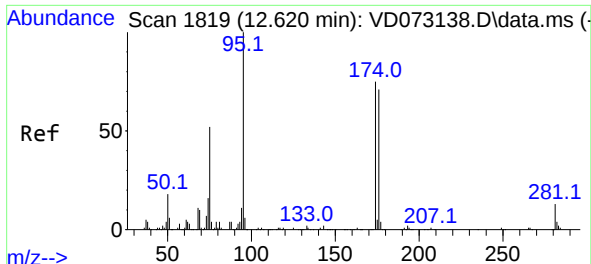


#52
Toluene
Concen: 29.036 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



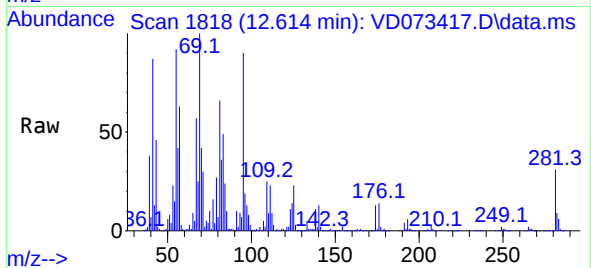
Tgt Ion: 92 Resp: 394476
Ion Ratio Lower Upper
92 100
91 188.1 139.6 209.4





#62
4-Bromofluorobenzene
Concen: 211.862 ug/l
RT: 12.614 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

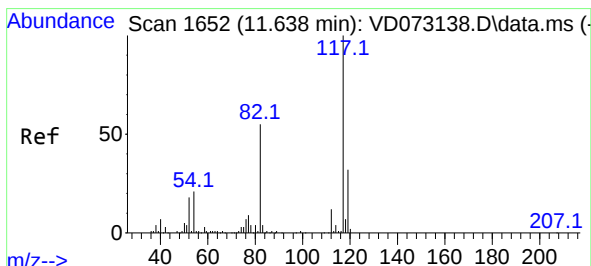
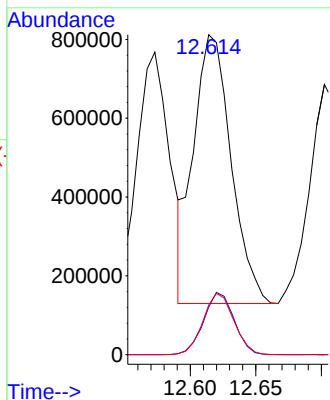
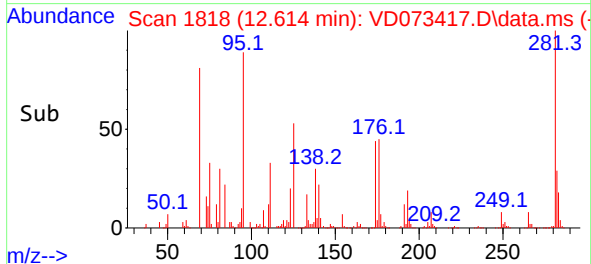
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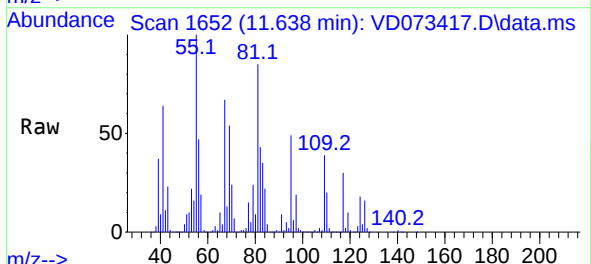
Tgt Ion: 95 Resp: 1359400
Ion Ratio Lower Upper
95 100
174 18.8 0.0 152.8
176 18.8 0.0 145.4

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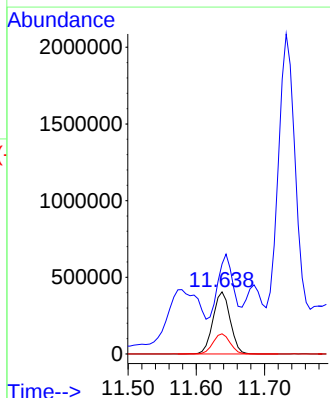
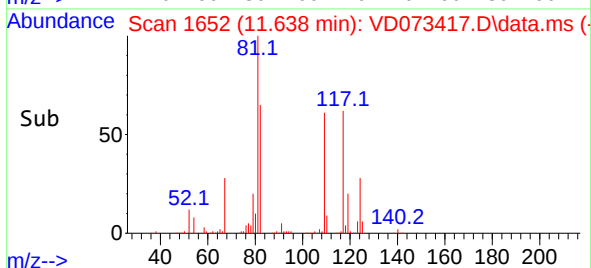
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

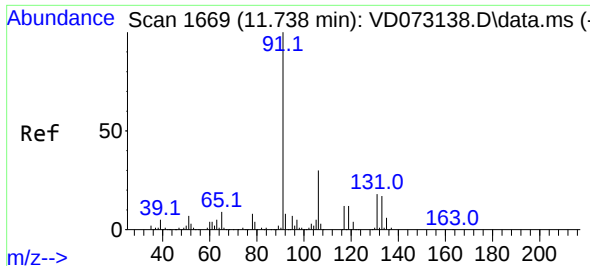


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



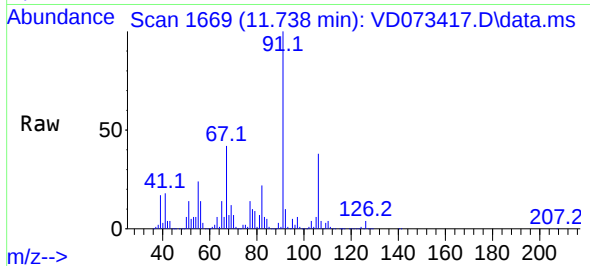
Tgt Ion:117 Resp: 708382
Ion Ratio Lower Upper
117 100
82 41.6 45.3 67.9#
119 32.5 26.6 40.0





#67
Ethyl Benzene
Concen: 609.569 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

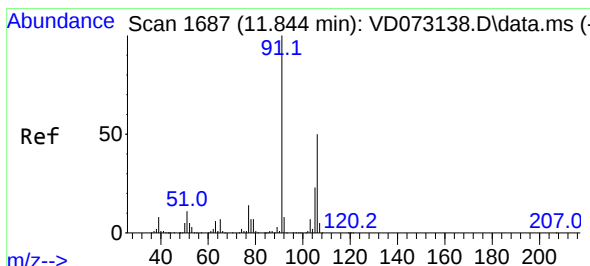
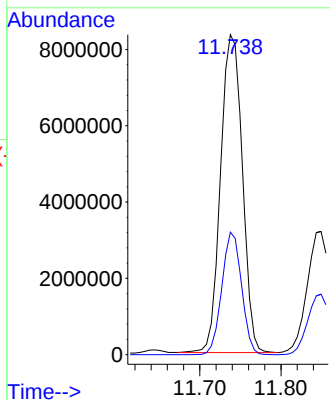
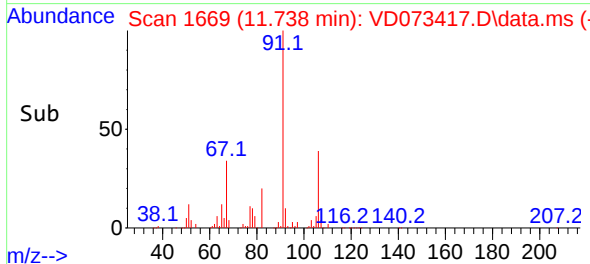
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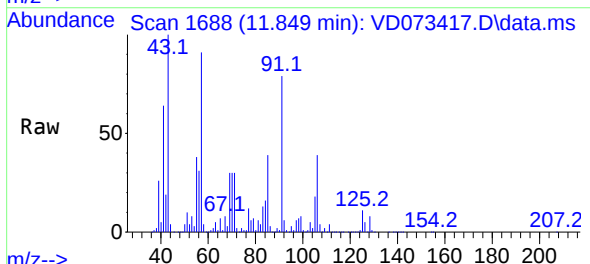
Tgt Ion: 91 Resp:15550698
Ion Ratio Lower Upper
91 100
106 38.5 24.2 36.4

Manual Integrations
APPROVED

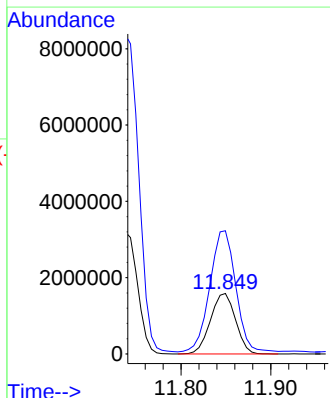
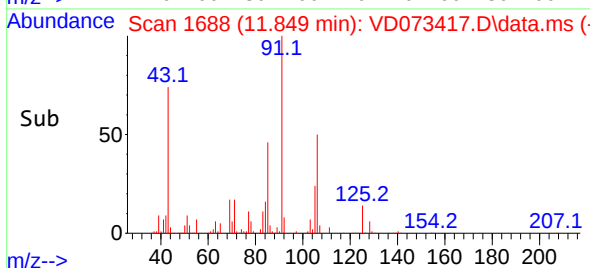
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

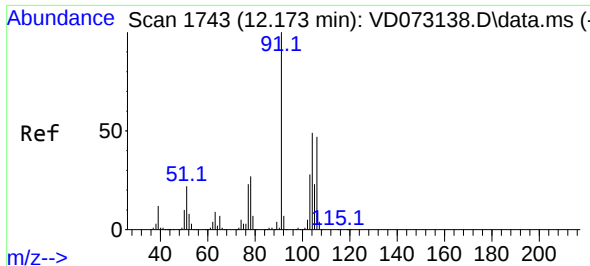


#68
m/p-Xylenes
Concen: 309.501 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.005 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



Tgt Ion:106 Resp: 3067570
Ion Ratio Lower Upper
106 100
91 206.5 163.7 245.5





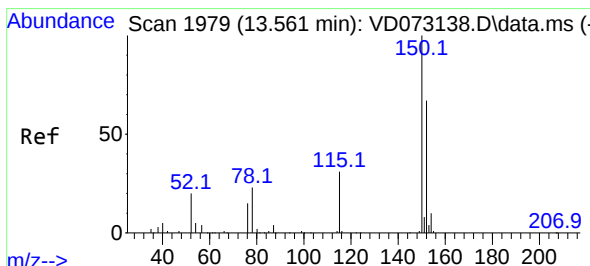
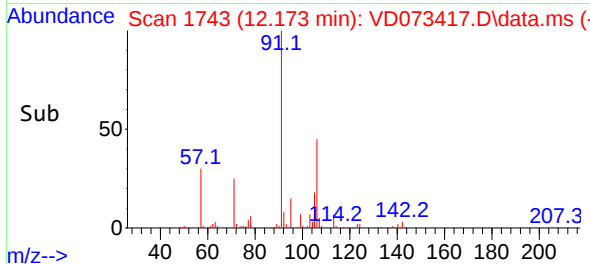
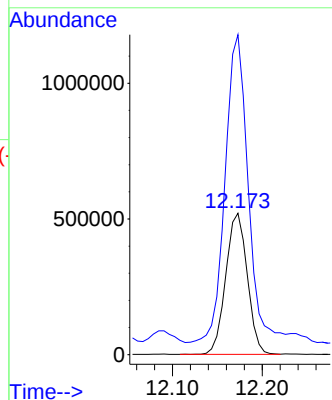
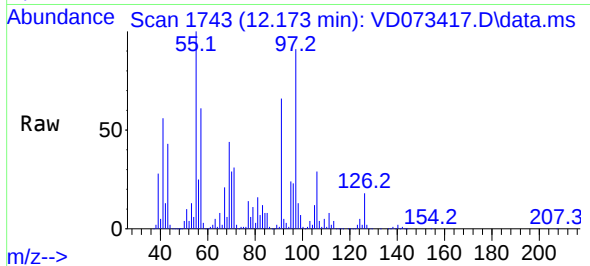
#69
o-Xylene
Concen: 95.233 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
SS-3

Tgt Ion:106 Resp: 86710
Ion Ratio Lower Upper
106 100
91 239.0 110.4 331.2

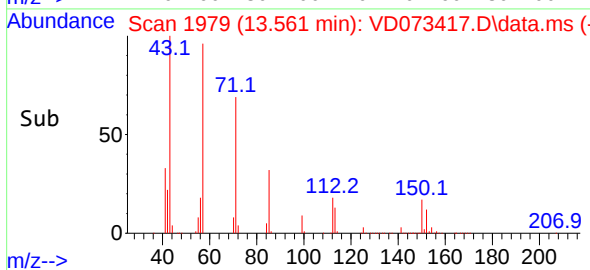
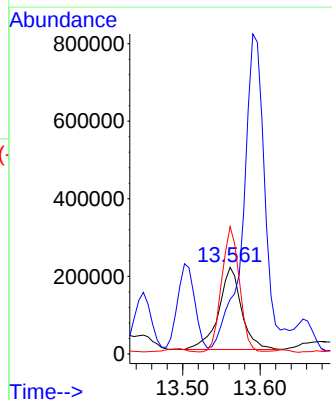
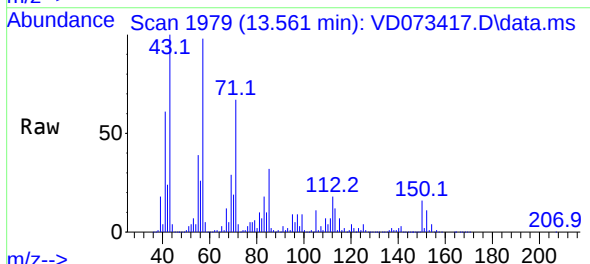
Manual Integrations
APPROVED

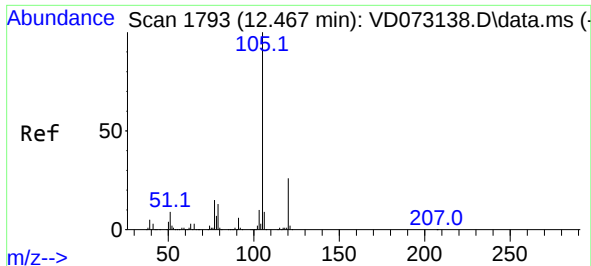
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

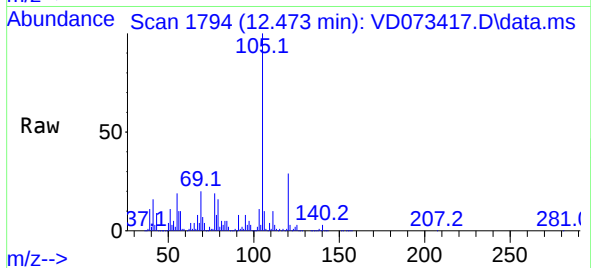
Tgt Ion:152 Resp: 433714
Ion Ratio Lower Upper
152 100
115 0.0 31.3 93.8#
150 119.5 0.0 348.6





#73
Isopropylbenzene
Concen: 313.950 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

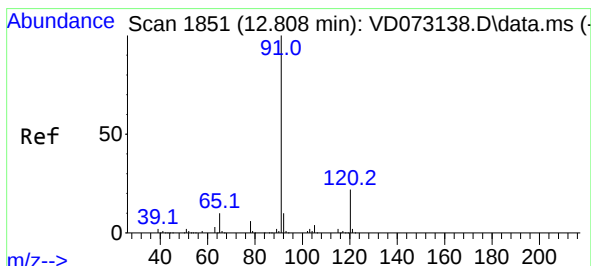
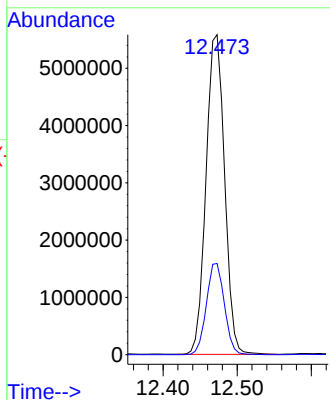
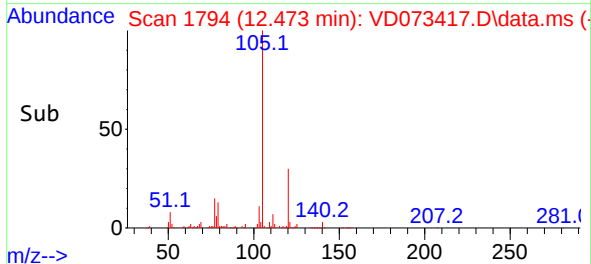
Instrument :
MSVOA_D
ClientSampleId :
SS-3



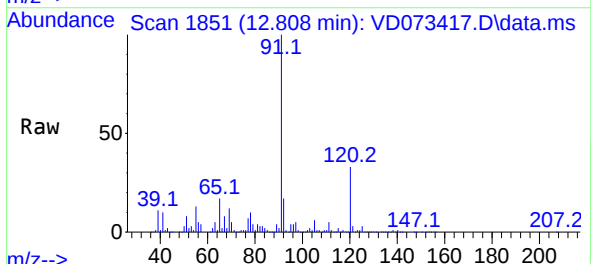
Tgt Ion:105 Resp: 9707079
Ion Ratio Lower Upper
105 100
120 27.7 13.0 38.9

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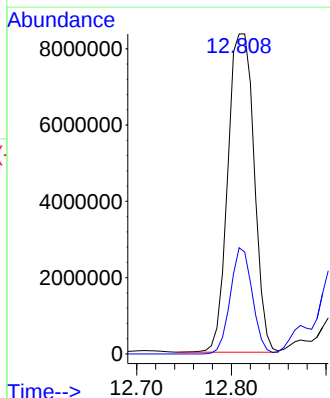
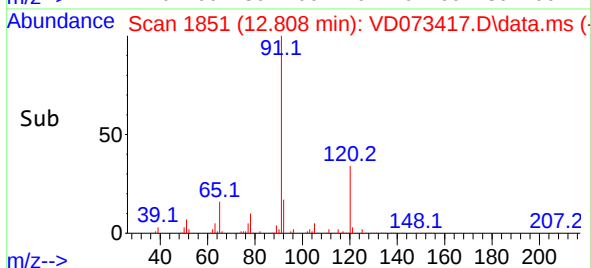
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

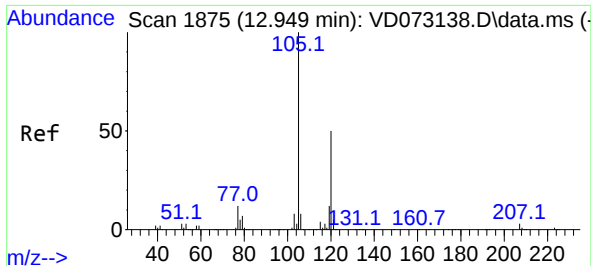


#78
n-propylbenzene
Concen: 415.231 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



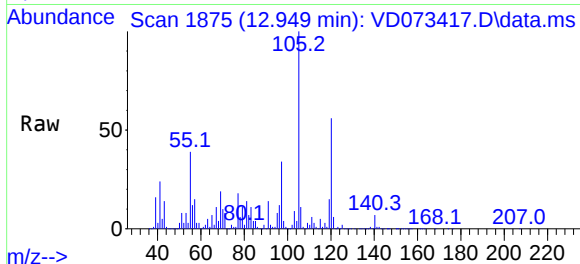
Tgt Ion: 91 Resp:16117874
Ion Ratio Lower Upper
91 100
120 27.8 10.9 32.9





#80
1,3,5-Trimethylbenzene
Concen: 512.919 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

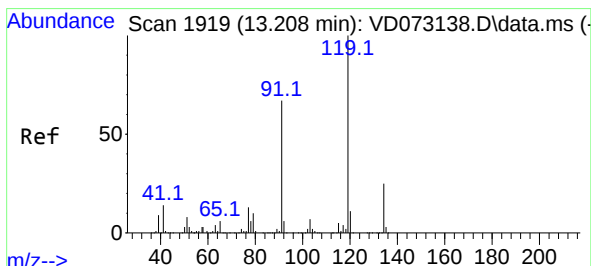
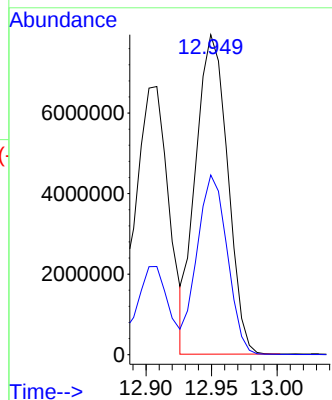
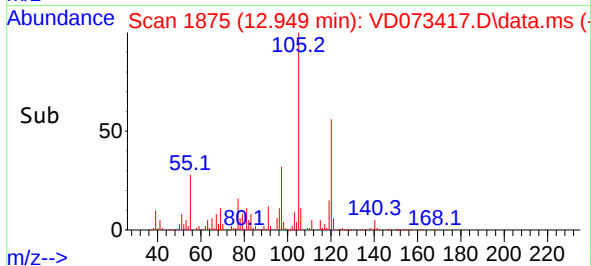
Instrument :
MSVOA_D
ClientSampleId :
SS-3



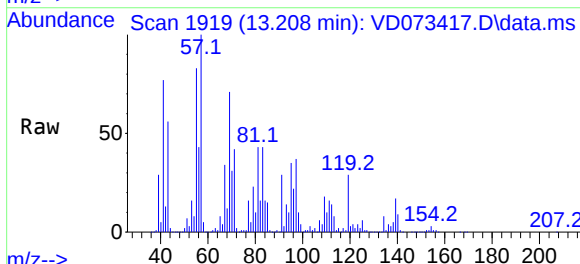
Tgt Ion:105 Resp:13434238
Ion Ratio Lower Upper
105 100
120 53.5 24.3 72.8

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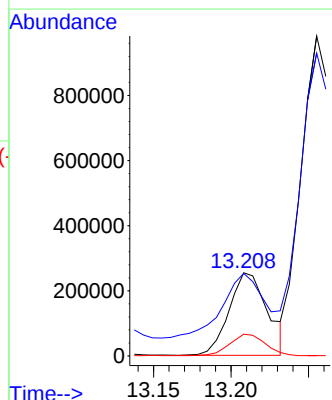
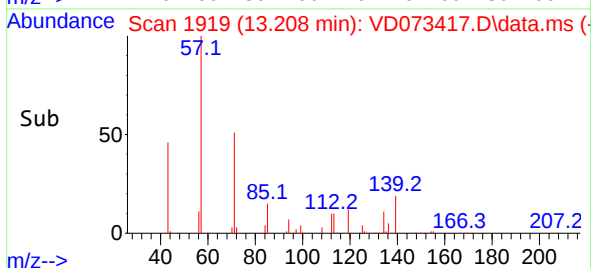
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

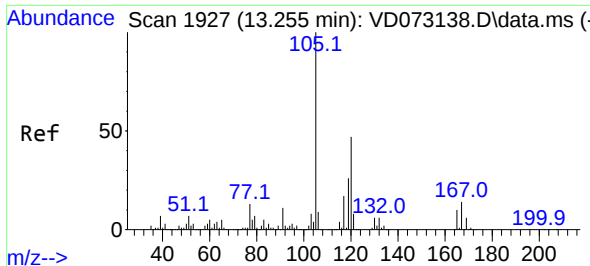


#83
tert-Butylbenzene
Concen: 19.859 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



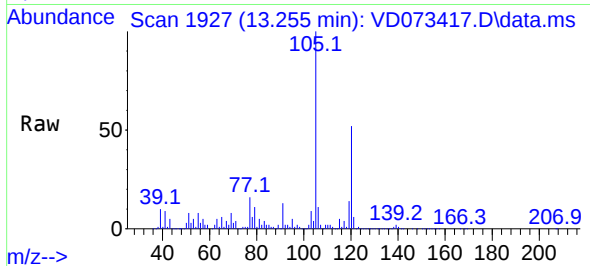
Tgt Ion:119 Resp: 438365
Ion Ratio Lower Upper
119 100
91 81.7 34.8 104.5
134 24.0 13.3 39.9





#84
1,2,4-Trimethylbenzene
Concen: 447.809 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

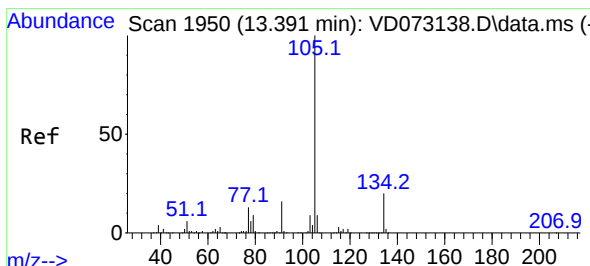
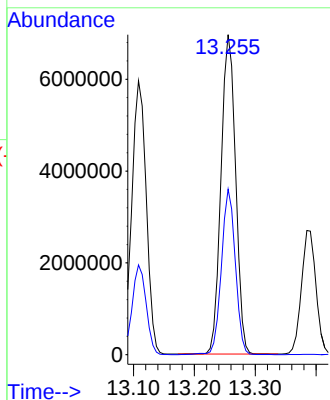
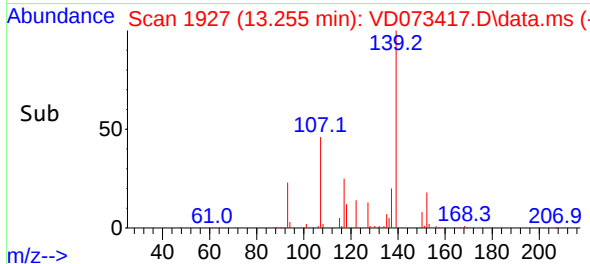
Instrument :
MSVOA_D
ClientSampleId :
SS-3



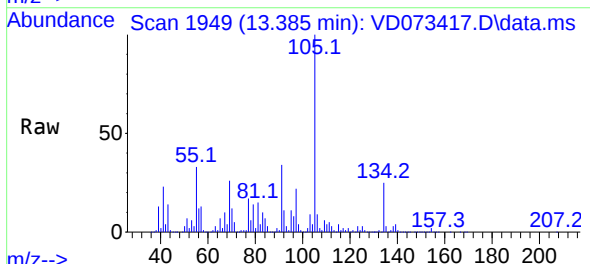
Tgt Ion:105 Resp:1158691
Ion Ratio Lower Upper
105 100
120 49.3 22.3 66.8

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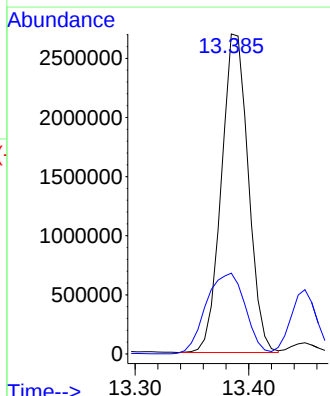
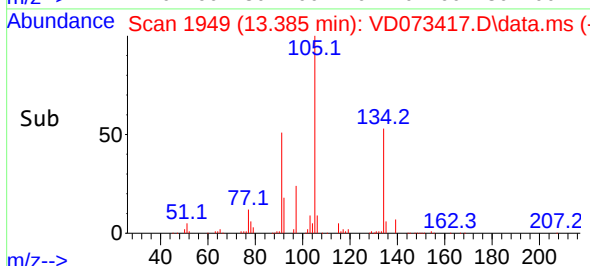
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

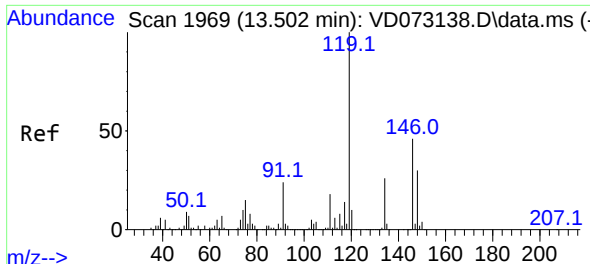


#85
sec-Butylbenzene
Concen: 131.611 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



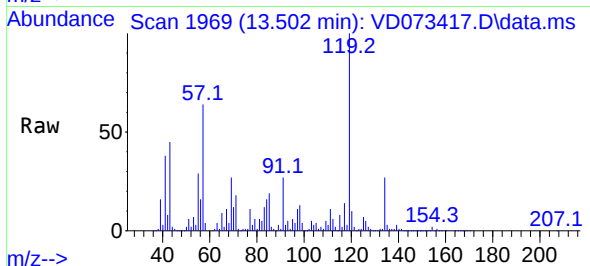
Tgt Ion:105 Resp: 4435997
Ion Ratio Lower Upper
105 100
134 36.8 9.8 29.3#





#86
p-Isopropyltoluene
Concen: 170.382 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

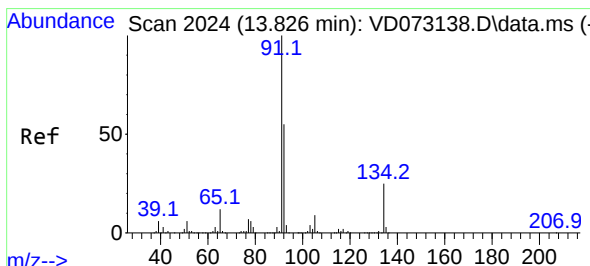
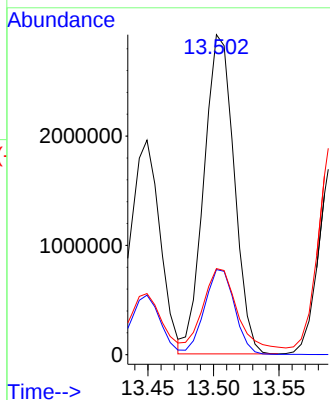
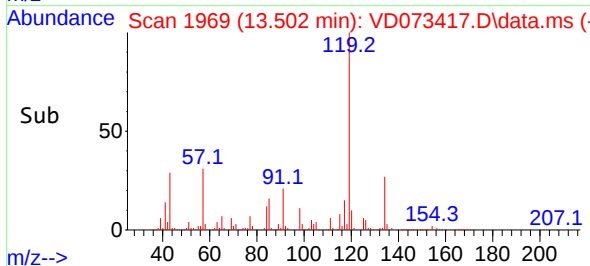
Instrument :
MSVOA_D
ClientSampleId :
SS-3



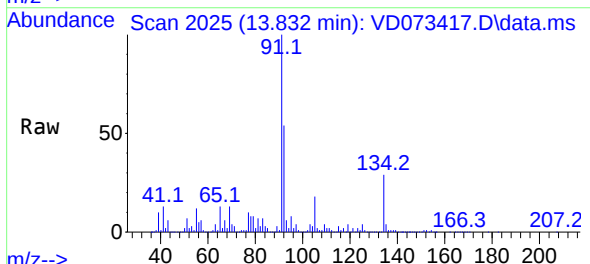
Tgt Ion:119 Resp: 468132
Ion Ratio Lower Upper
119 100
134 26.5 12.9 38.6
91 26.7 12.1 36.3

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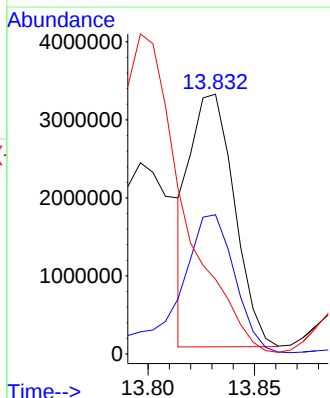
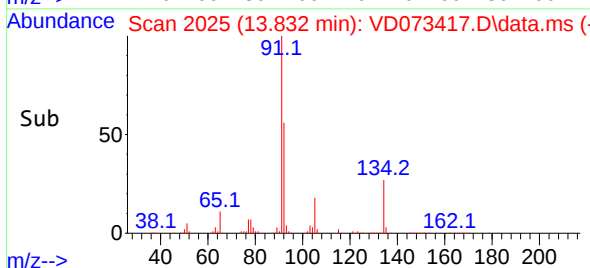
Reviewed By :Krupa Patel 05/31/2022
Supervised By :Mahesh Dadoda 05/31/2022

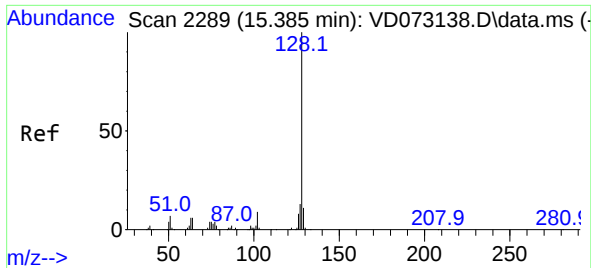


#89
n-Butylbenzene
Concen: 178.308 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06



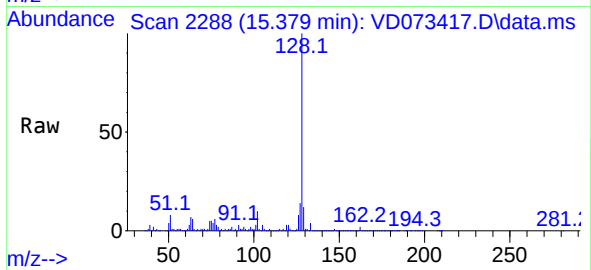
Tgt Ion: 91 Resp: 4667928
Ion Ratio Lower Upper
91 100
92 69.3 26.6 79.8
134 0.0 12.3 36.9#





#95
Naphthalene
Concen: 645.740 ug/l m
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073417.D
Acq: 27 May 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
SS-3



Tgt Ion:128 Resp: 9809520
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5
129 0.0 8.4 12.6

Manual Integrations
APPROVED

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

