

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074720.D
 Acq On : 03 Nov 2022 17:27
 Operator : VA/SY
 Sample : N5204-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20071

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/04/2022
 Supervised By :Mahesh Dadoda 11/04/2022

Quant Time: Nov 04 00:03:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	99069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	231579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71161	90.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 181.380%#			
35) Dibromofluoromethane	7.805	113	87140	63.611	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 127.220%			
50) Toluene-d8	10.269	98	236704	47.370	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.740%			
62) 4-Bromofluorobenzene	12.569	95	67001	46.439	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.880%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.040	59	19390m	243.189	ug/l	
16) Acetone	4.017	43	916803	5599.080	ug/l	97
18) Methyl Acetate	4.558	43	3170	6.402	ug/l #	74
20) Methylene Chloride	4.793	84	40085	22.642	ug/l	92
25) 2-Butanone	7.081	43	117046	519.886	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	60940	97.366	ug/l	97
52) Toluene	10.334	92	54595	14.509	ug/l	95
59) 2-Hexanone	10.922	43	46660	108.375	ug/l	94
67) Ethyl Benzene	11.681	91	41927	7.676	ug/l	97
68) m/p-Xylenes	11.787	106	62679	28.906	ug/l	97
69) o-Xylene	12.116	106	31280	15.691	ug/l	97
78) n-propylbenzene	12.757	91	10560	2.367	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	12759	4.199	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	40198	13.408	ug/l	99

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

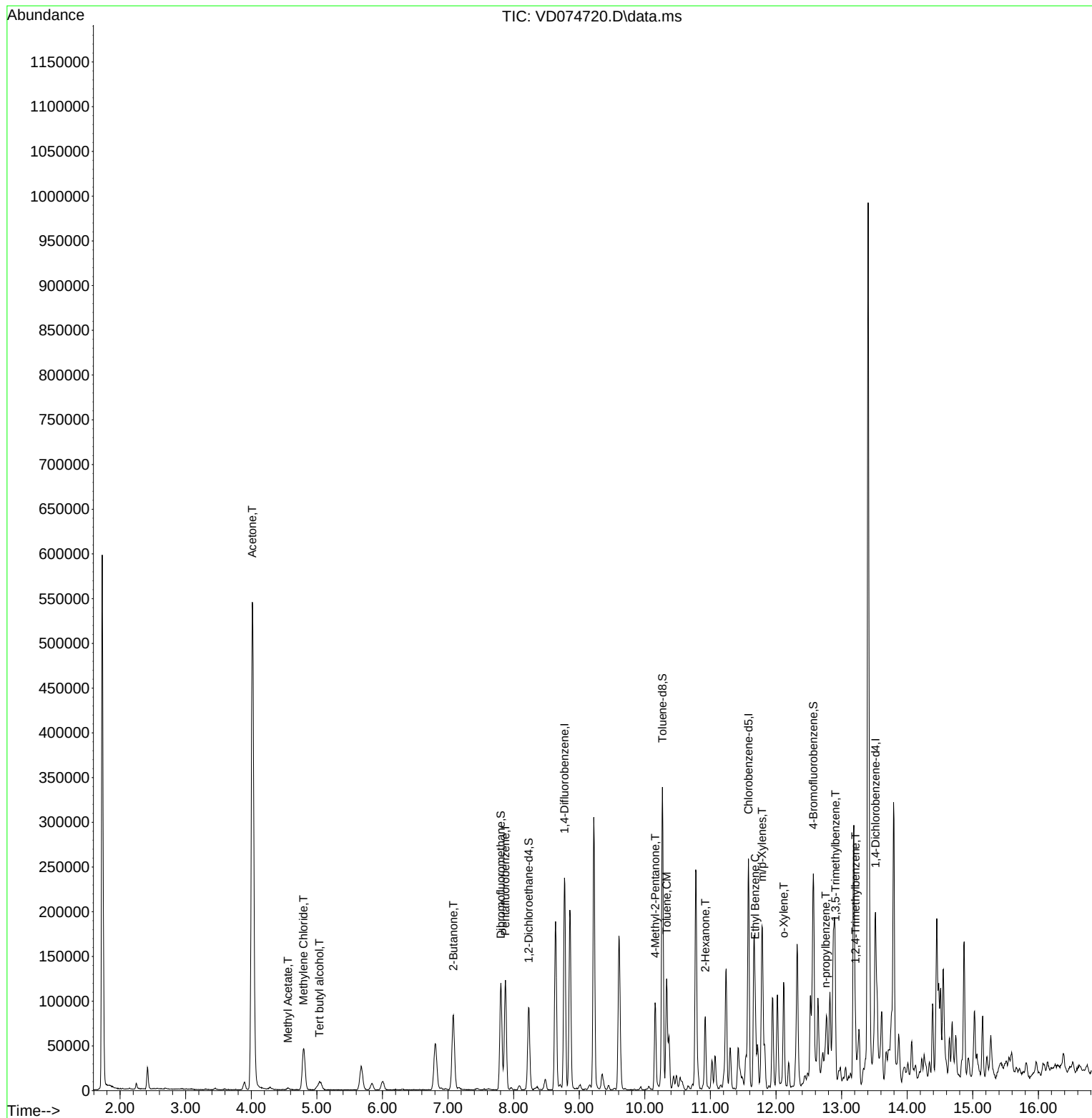
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
Data File : VD074720.D
Acq On : 03 Nov 2022 17:27
Operator : VA/SY
Sample : N5204-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

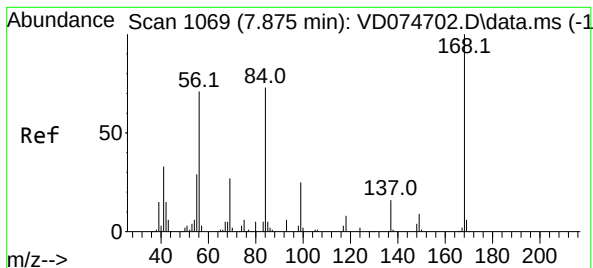
Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Time: Nov 04 00:03:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
Response via : Initial Calibration

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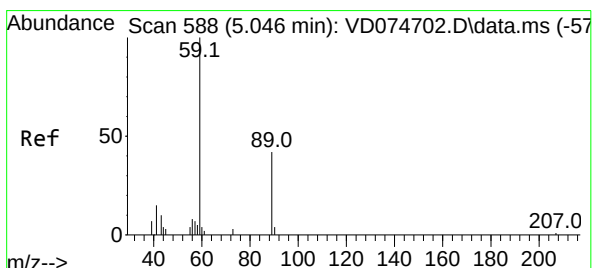
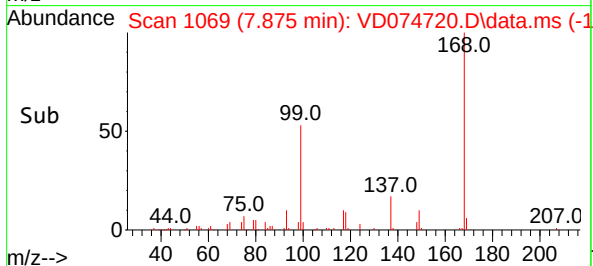
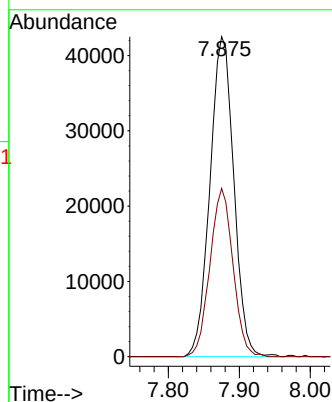
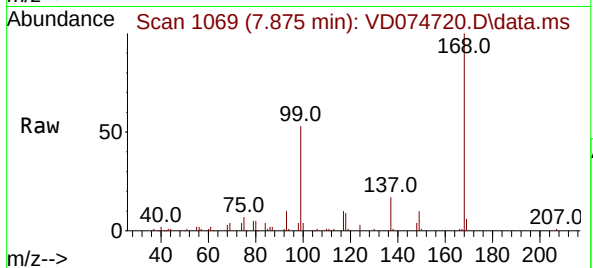
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion:168 Resp: 99069
Ion Ratio Lower Upper
168 100
99 52.6 40.9 61.3

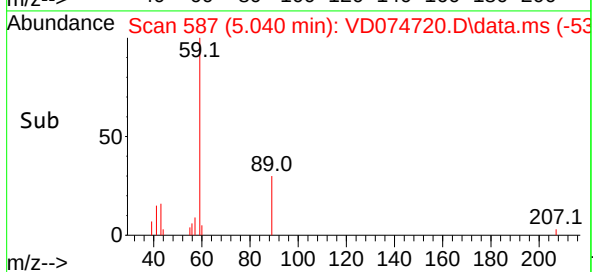
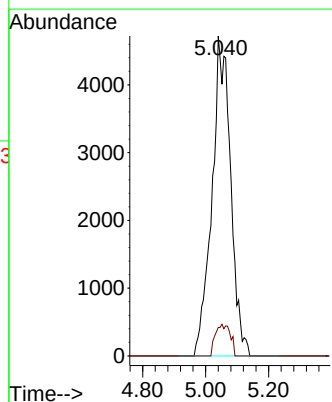
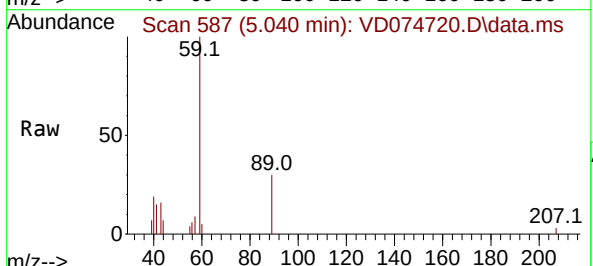
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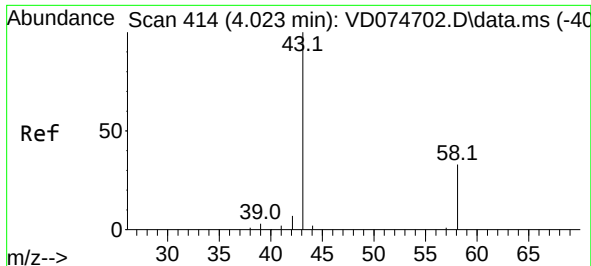
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#11
Tert butyl alcohol
Concen: 243.189 ug/l m
RT: 5.040 min Scan# 587
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion: 59 Resp: 19390
Ion Ratio Lower Upper
59 100
57 7.9 4.4 6.6#





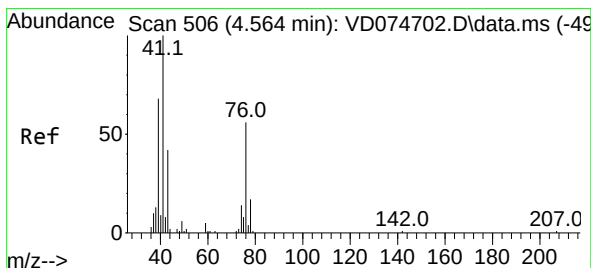
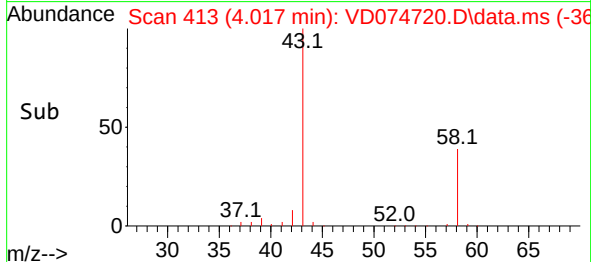
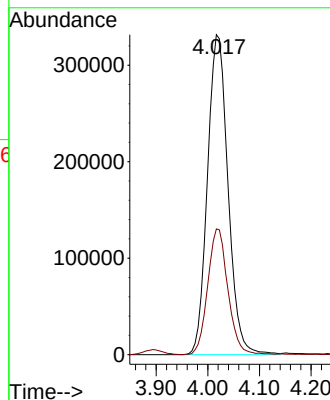
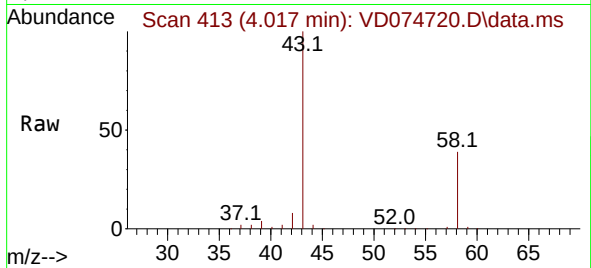
#16
Acetone
Concen: 5599.080 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion: 43 Resp: 91680
Ion Ratio Lower Upper
43 100
58 39.2 30.2 45.2

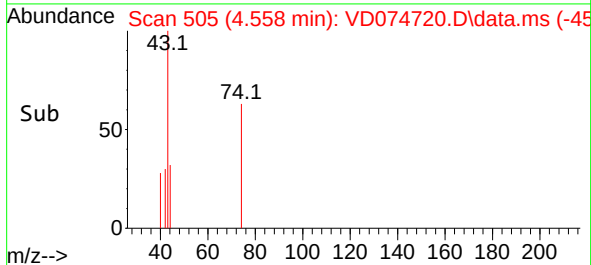
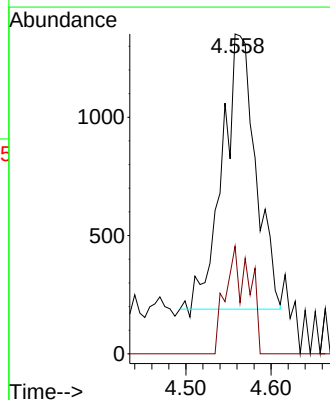
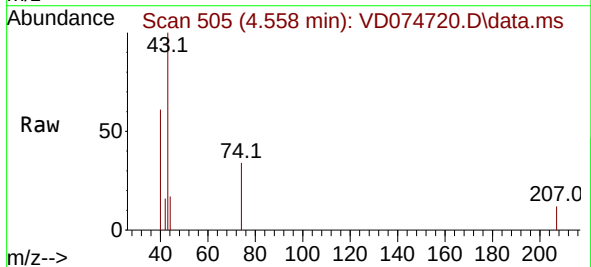
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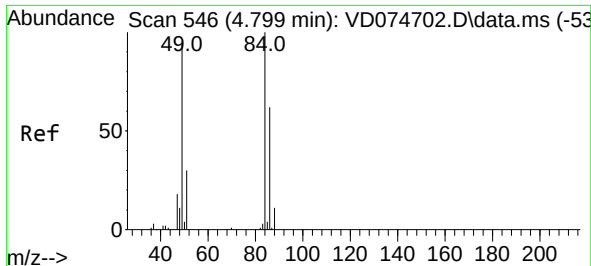
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#18
Methyl Acetate
Concen: 6.402 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

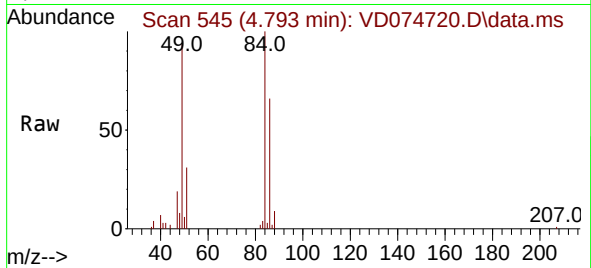
Tgt Ion: 43 Resp: 3170
Ion Ratio Lower Upper
43 100
74 16.5 24.7 37.1#





#20
Methylene Chloride
Concen: 22.642 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

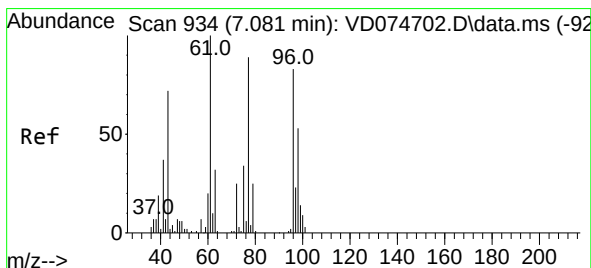
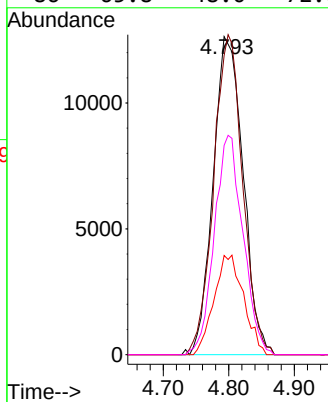
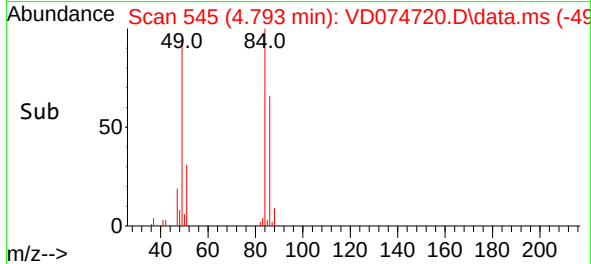
Instrument :
MSVOA_D
ClientSampleId :
20071



Tgt Ion: 84 Resp: 40085
Ion Ratio Lower Upper
84 100
49 94.1 68.0 102.0
51 31.2 23.2 34.8
86 65.8 48.0 72.0

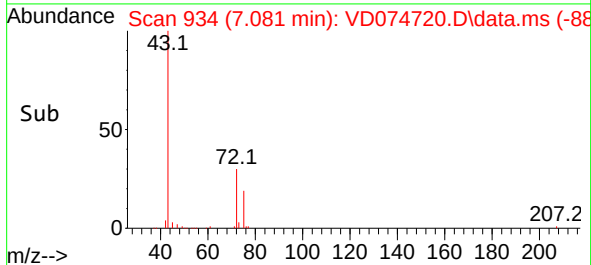
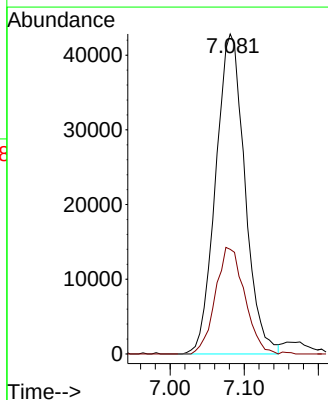
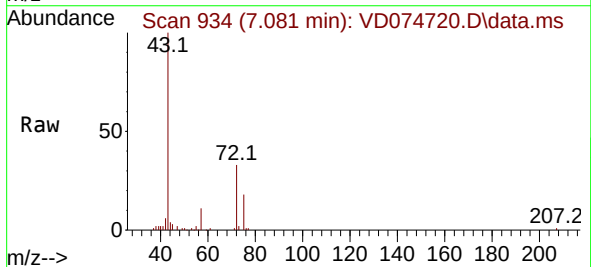
Manual Integrations
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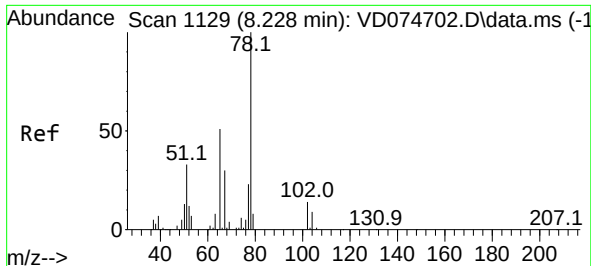
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#25
2-Butanone
Concen: 519.886 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion: 43 Resp: 117046
Ion Ratio Lower Upper
43 100
72 32.7 25.8 38.8





#33

1,2-Dichloroethane-d4

Concen: 90.692 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074720.D

Acq: 03 Nov 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

20071

Tgt Ion: 65 Resp: 7116

Ion Ratio Lower Upper

65 100

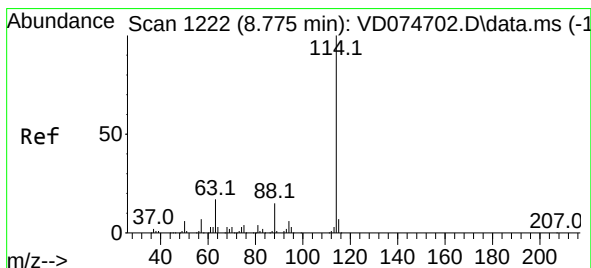
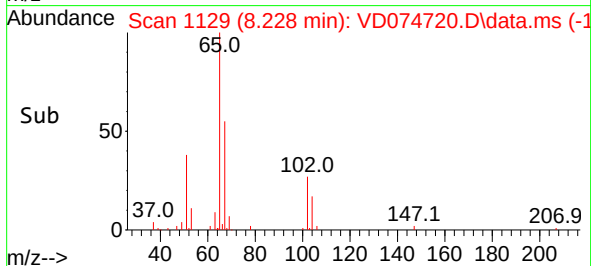
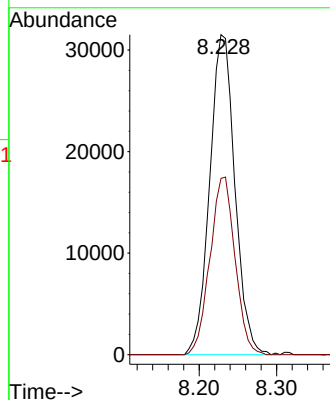
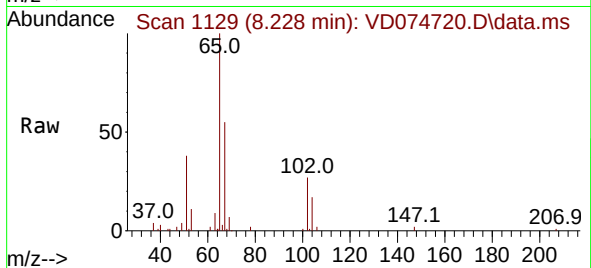
67 55.2 0.0 110.2

Manual Integrations

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Reviewed By :Krupa Patel 11/04/2022

Supervised By :Mahesh Dadoda 11/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074720.D

Acq: 03 Nov 2022 17:27

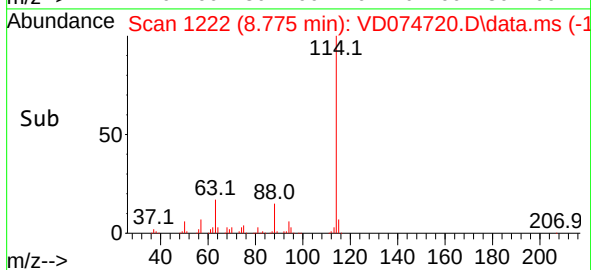
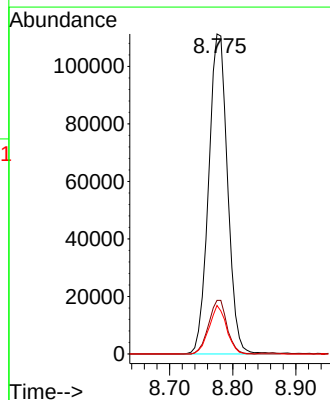
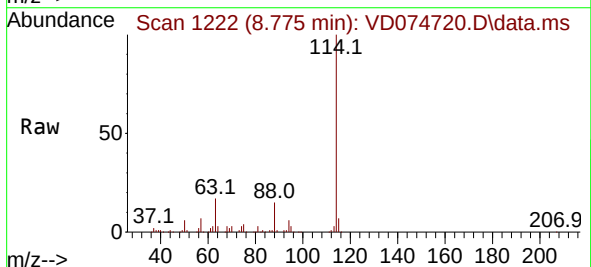
Tgt Ion:114 Resp: 231579

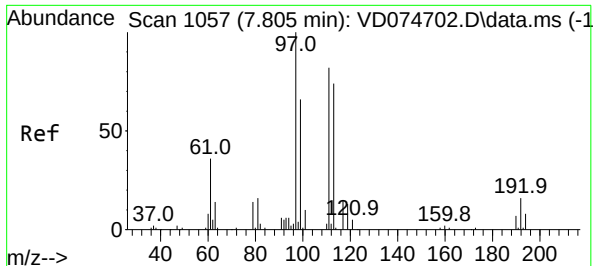
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 15.2 0.0 28.2





#35

Dibromofluoromethane

Concen: 63.611 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074720.D

Acq: 03 Nov 2022 17:27

Instrument :

MSVOA_D

ClientSampleId :

20071

Tgt Ion:113 Resp: 87140

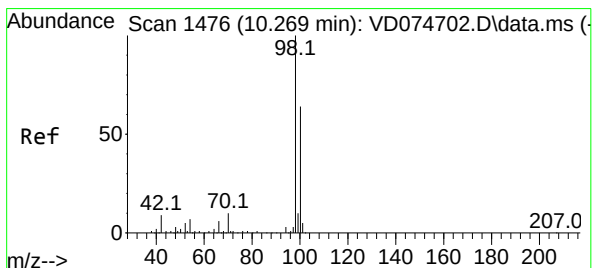
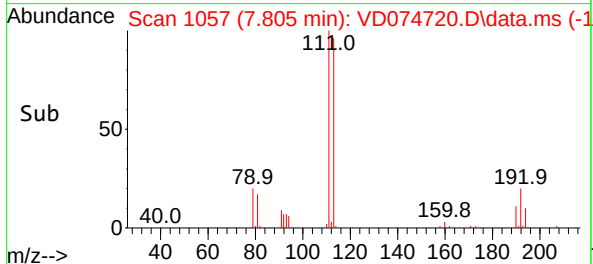
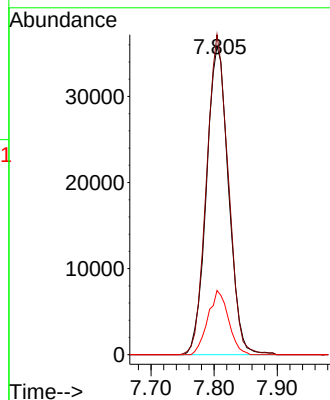
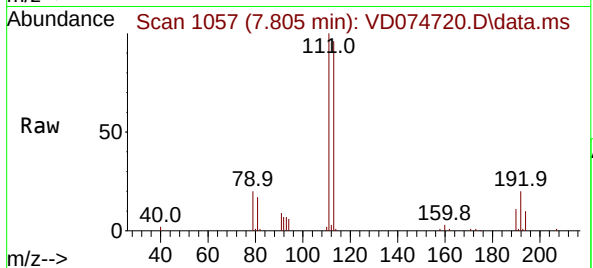
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	19.4	16.4	24.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/04/2022



#50

Toluene-d8

Concen: 47.370 ug/l

RT: 10.269 min Scan# 1476

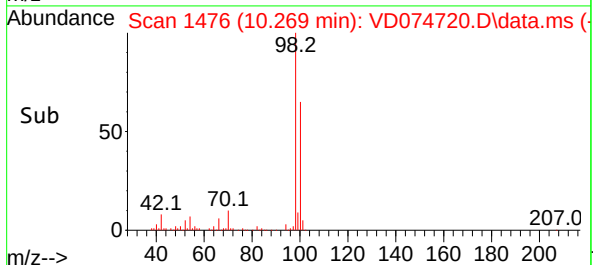
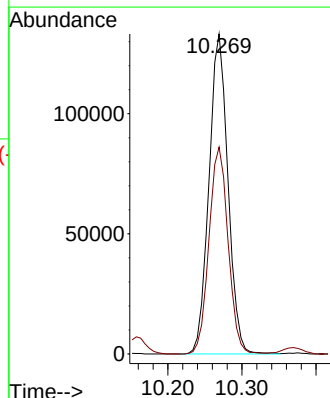
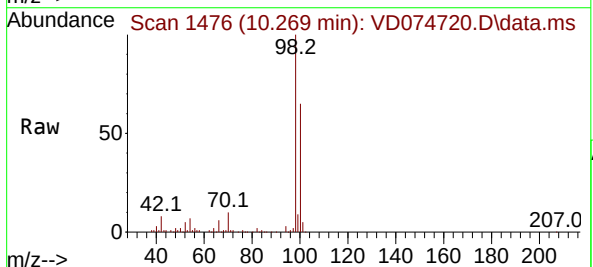
Delta R.T. 0.000 min

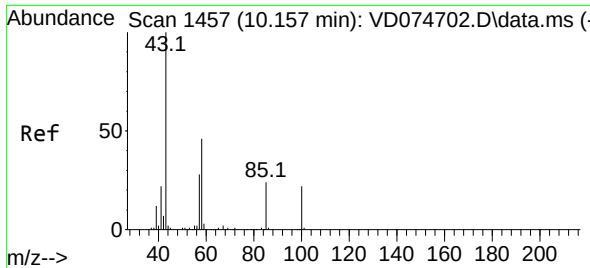
Lab File: VD074720.D

Acq: 03 Nov 2022 17:27

Tgt Ion: 98 Resp: 236704

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.4	77.0





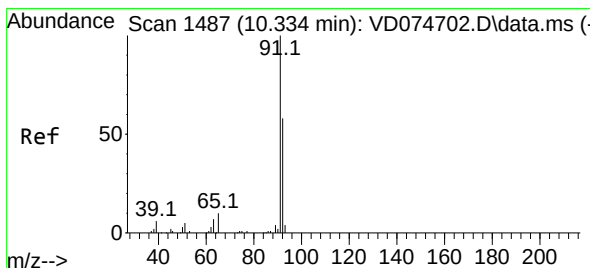
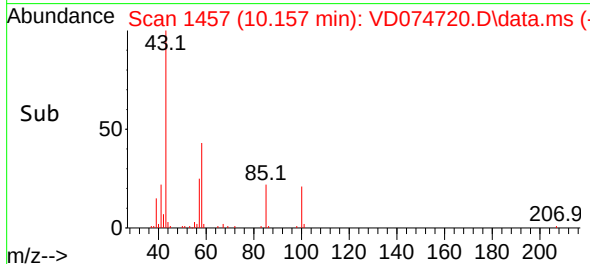
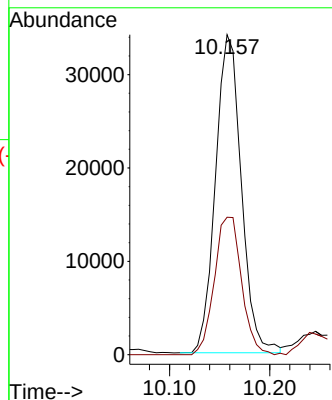
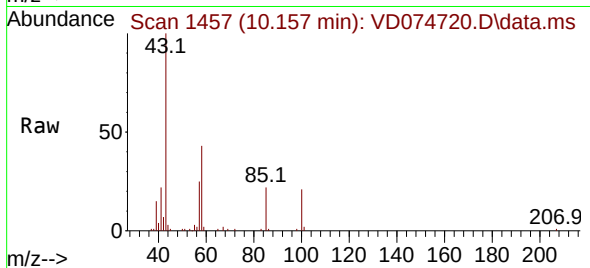
#51
4-Methyl-2-Pentanone
Concen: 97.366 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion: 43 Resp: 60940
Ion Ratio Lower Upper
43 100
58 45.5 37.8 56.6

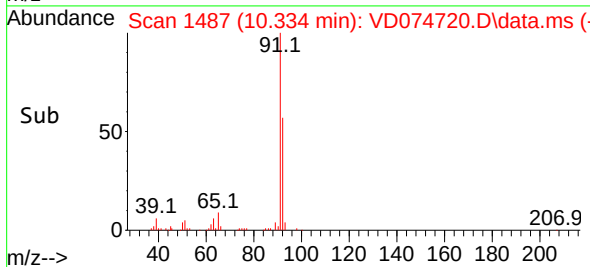
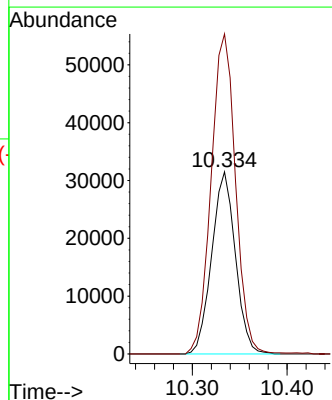
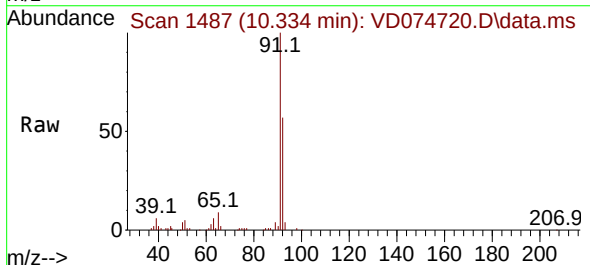
Manual Integrations
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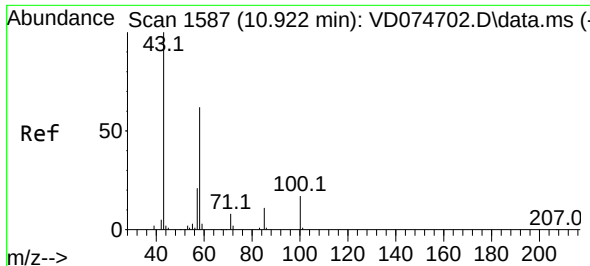
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#52
Toluene
Concen: 14.509 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

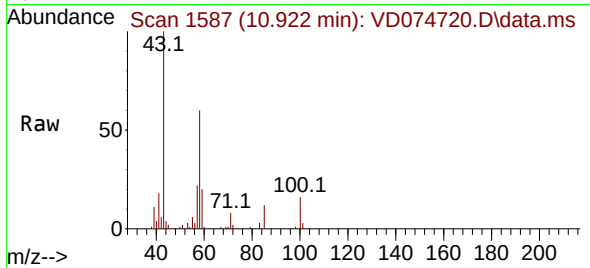
Tgt Ion: 92 Resp: 54595
Ion Ratio Lower Upper
92 100
91 181.0 139.0 208.4





#59
2-Hexanone
Concen: 108.375 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

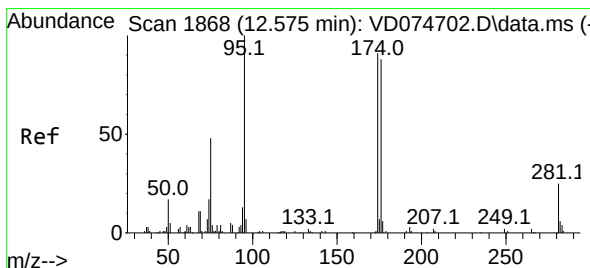
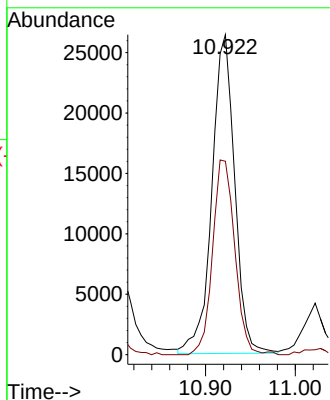
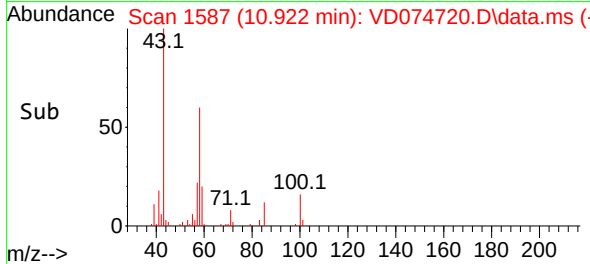
Instrument :
MSVOA_D
ClientSampleId :
20071



Tgt Ion: 43 Resp: 46660
Ion Ratio Lower Upper
43 100
58 59.4 32.0 96.2

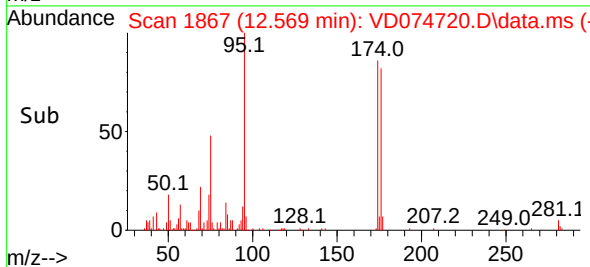
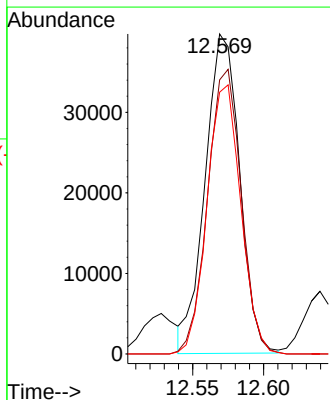
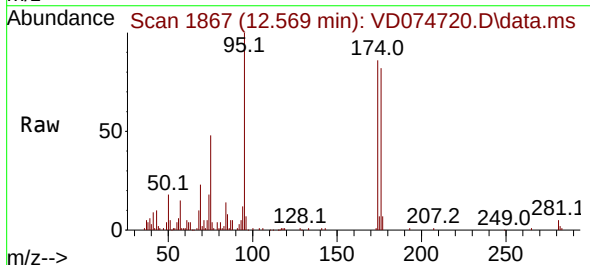
Manual Integrations
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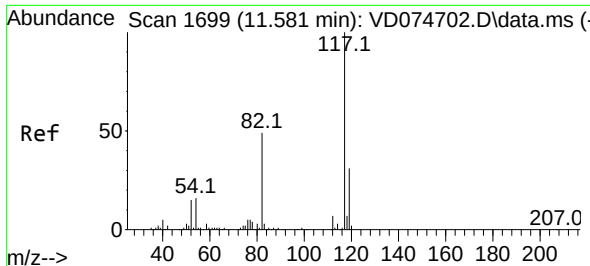
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#62
4-Bromofluorobenzene
Concen: 46.439 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

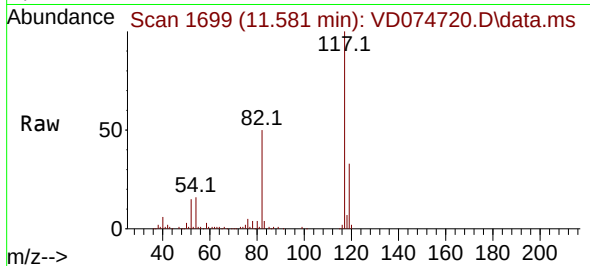
Tgt Ion: 95 Resp: 67001
Ion Ratio Lower Upper
95 100
174 86.8 0.0 197.0
176 82.3 0.0 182.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

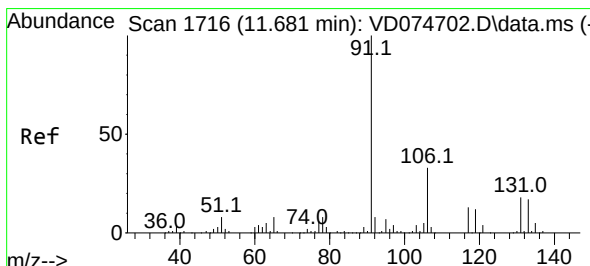
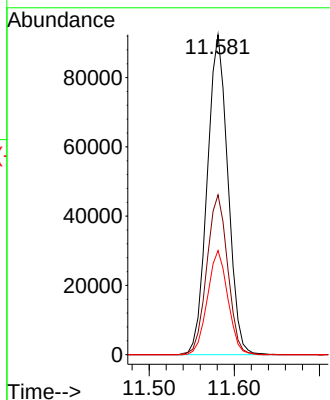
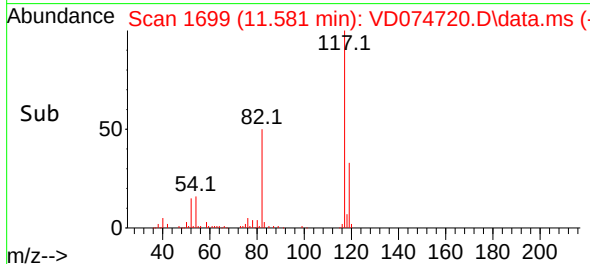
Instrument :
MSVOA_D
ClientSampleId :
20071



Tgt Ion: 117 Resp: 15563
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 32.5 25.2 37.8

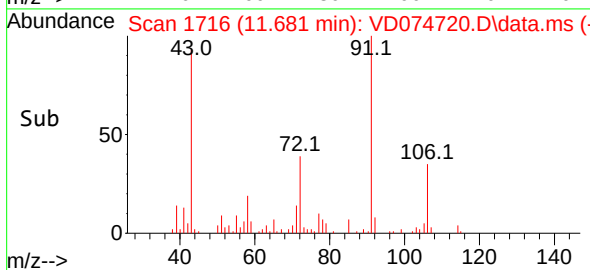
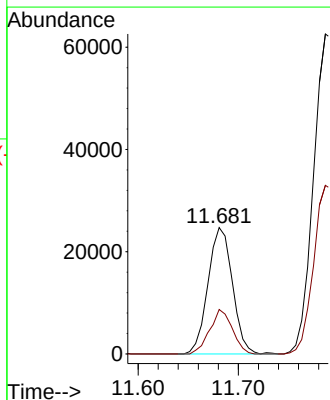
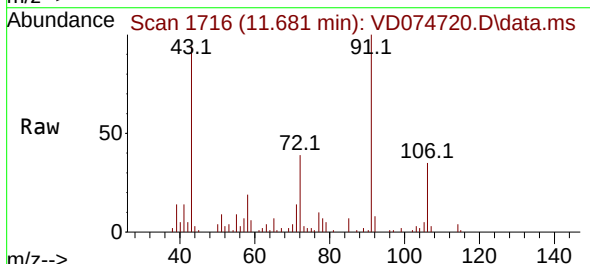
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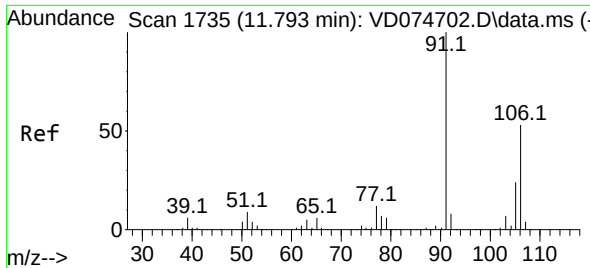
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#67
Ethyl Benzene
Concen: 7.676 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion: 91 Resp: 41927
Ion Ratio Lower Upper
91 100
106 35.3 26.6 40.0





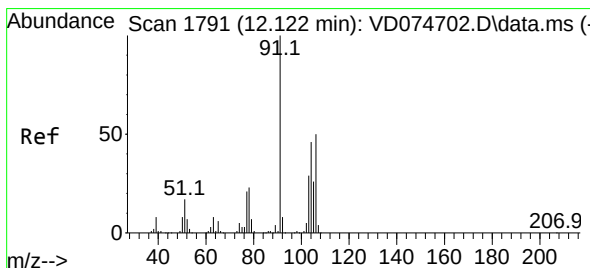
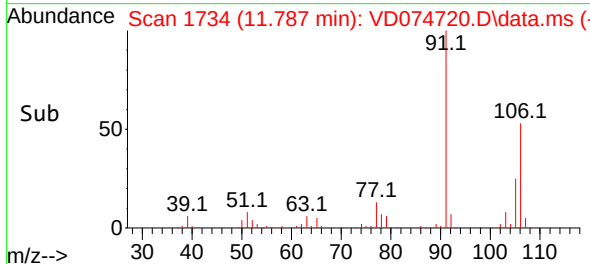
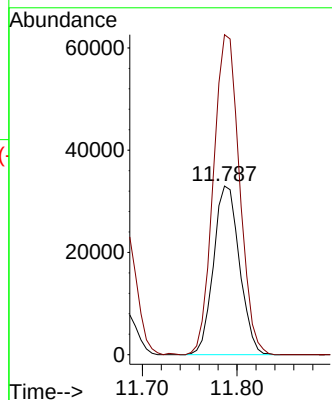
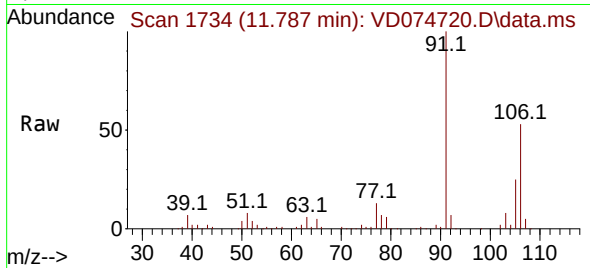
#68
m/p-Xylenes
Concen: 28.906 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion:106 Resp: 62679
Ion Ratio Lower Upper
106 100
91 191.2 156.2 234.4

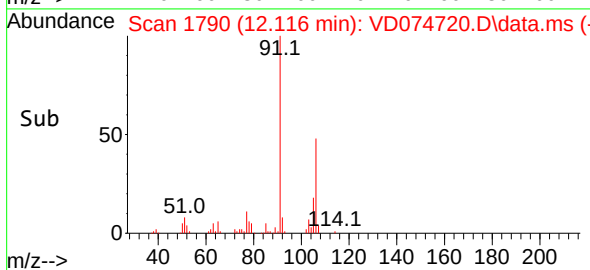
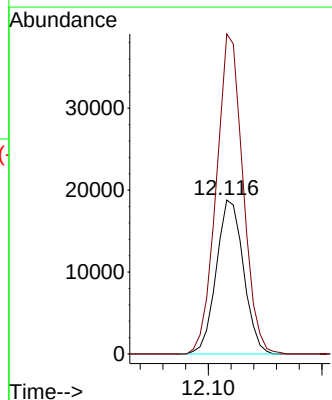
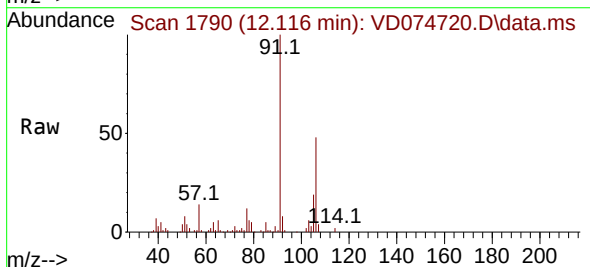
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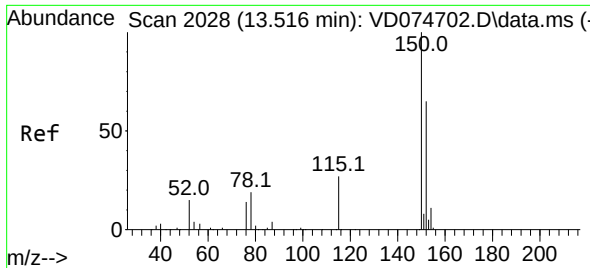
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#69
o-Xylene
Concen: 15.691 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion:106 Resp: 31280
Ion Ratio Lower Upper
106 100
91 203.7 104.5 313.3





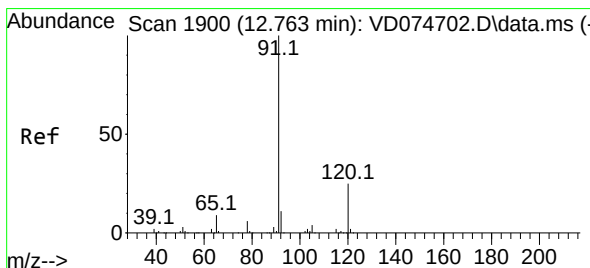
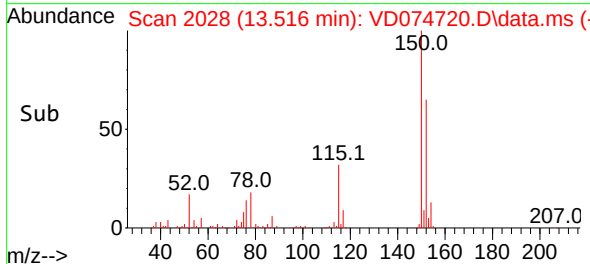
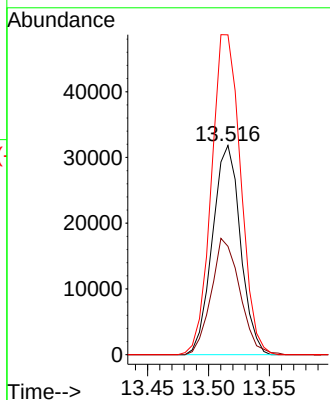
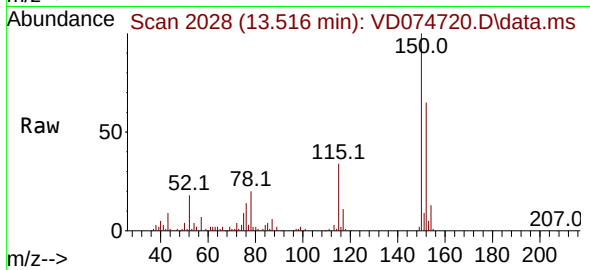
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion:152 Resp: 50975
Ion Ratio Lower Upper
152 100
115 56.9 26.8 80.4
150 159.4 0.0 348.2

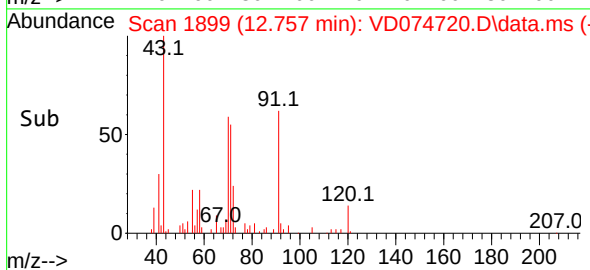
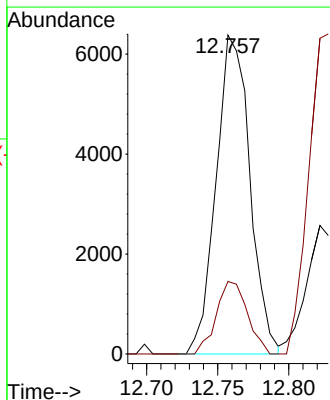
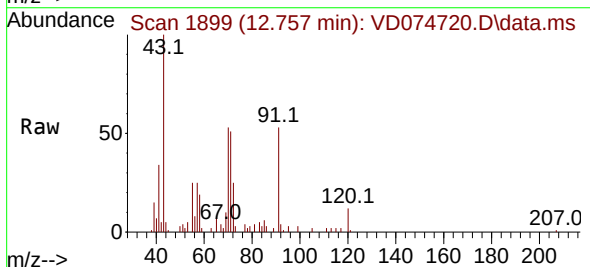
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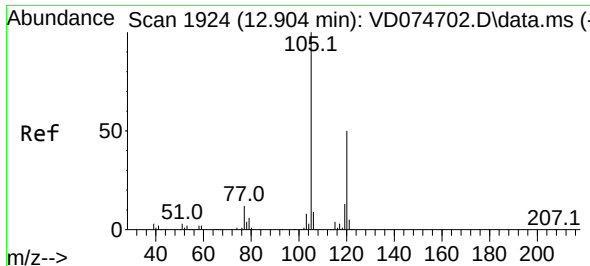
Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#78
n-propylbenzene
Concen: 2.367 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion: 91 Resp: 10560
Ion Ratio Lower Upper
91 100
120 20.9 11.9 35.7





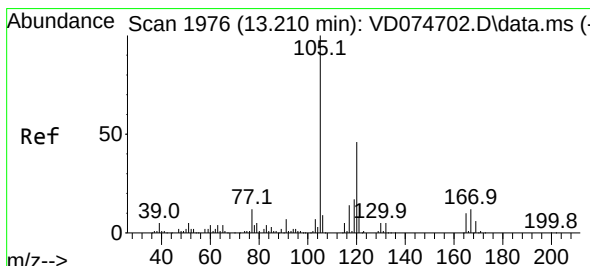
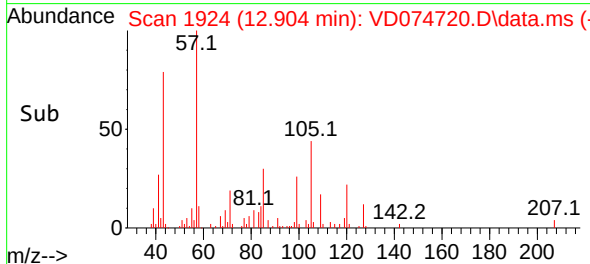
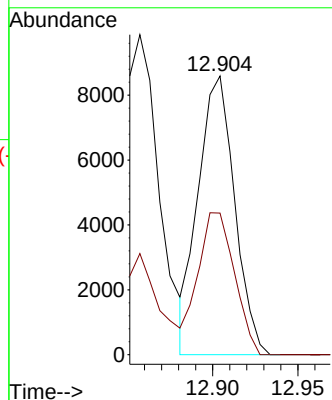
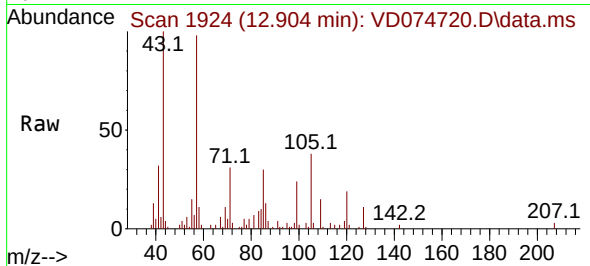
#80
1,3,5-Trimethylbenzene
Concen: 4.199 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Instrument :
MSVOA_D
ClientSampleId :
20071

Tgt Ion:105 Resp: 12759
Ion Ratio Lower Upper
105 100
120 51.3 25.7 77.0

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/04/2022
Supervised By :Mahesh Dadoda 11/04/2022



#84
1,2,4-Trimethylbenzene
Concen: 13.408 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074720.D
Acq: 03 Nov 2022 17:27

Tgt Ion:105 Resp: 40198
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7

