

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
 Data File : VD078628.D
 Acq On : 11 Mar 2024 13:21
 Operator : RP/MD
 Sample : P1720-01RE
 Misc : 5.06G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT4196RE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/12/2024
 Supervised By :Semsettin Yesilyurt 03/12/2024

Quant Time: Mar 12 04:11:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	139708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	42028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	35561	56.910	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.820%			
35) Dibromofluoromethane	7.810	113	51296	56.444	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.880%			
50) Toluene-d8	10.269	98	156744	44.386	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.780%			
62) 4-Bromofluorobenzene	12.569	95	52054	51.609	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.220%			
Target Compounds						
73) Isopropylbenzene	12.428	105	15801	5.931	ug/l #	65
80) 1,3,5-Trimethylbenzene	12.904	105	13412	6.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	13570	6.124	ug/l	93
85) sec-Butylbenzene	13.345	105	38403	13.187	ug/l	100
86) p-Isopropyltoluene	13.457	119	18978	7.741	ug/l	94
89) n-Butylbenzene	13.781	91	5873m	2.564	ug/l	

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

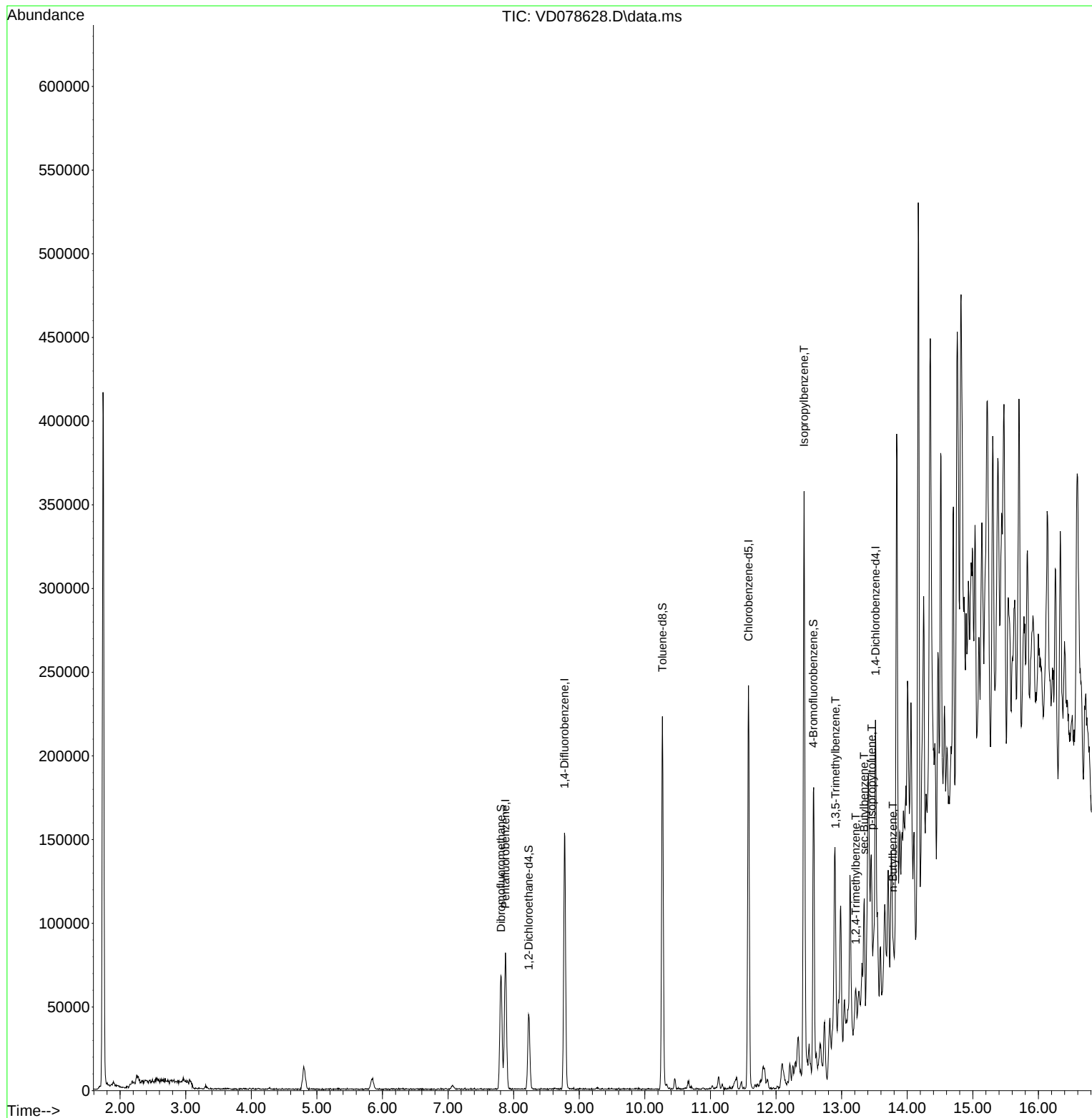
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031124\
Data File : VD078628.D
Acq On : 11 Mar 2024 13:21
Operator : RP/MD
Sample : P1720-01RE
Misc : 5.06G/5ml/MSVOA_D/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

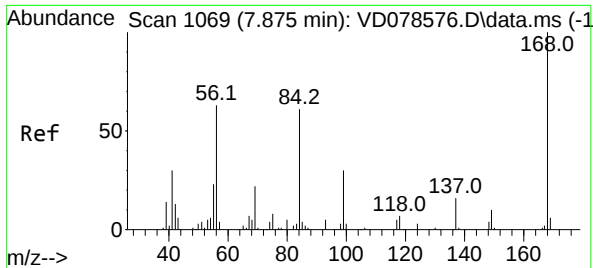
Instrument :
MSVOA_D
ClientSampleId :
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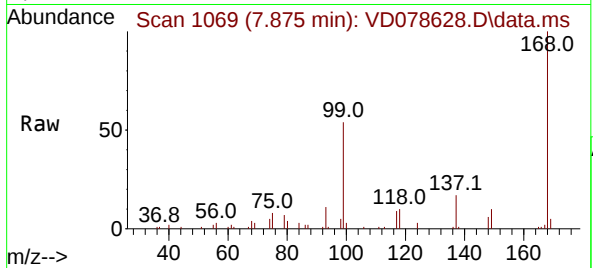
Quant Time: Mar 12 04:11:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

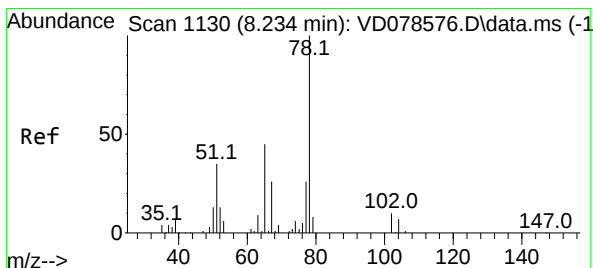
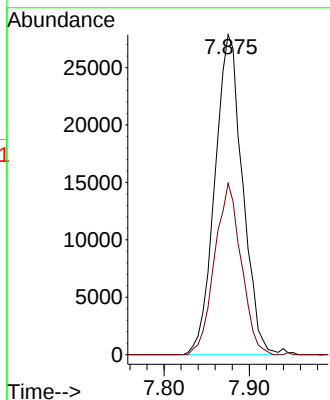
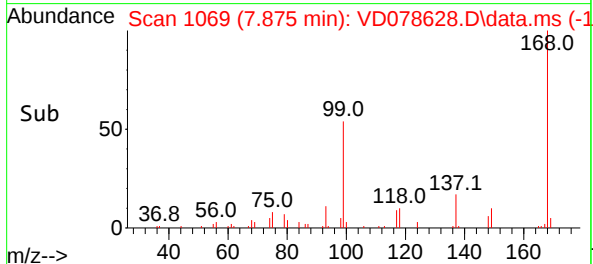
Instrument :
MSVOA_D
ClientSampleId :
RT4196RE



Tgt Ion:168 Resp: 63035
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1

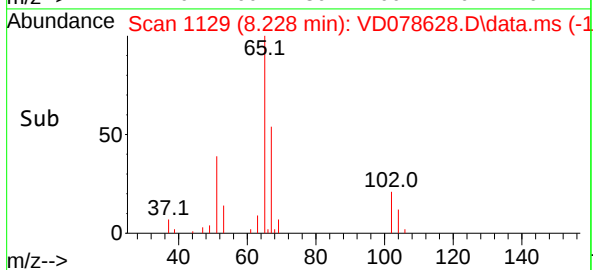
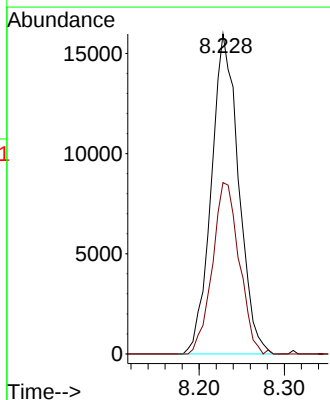
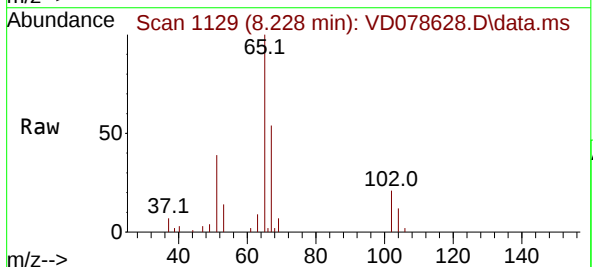
Manual Integrations
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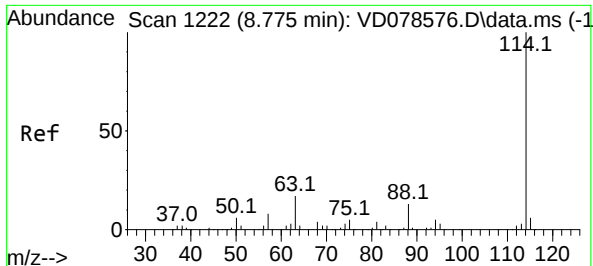
Reviewed By :Mahesh Dadoda 03/12/2024
Supervised By :Semsettin Yesilyurt 03/12/2024



#33
1,2-Dichloroethane-d4
Concen: 56.910 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

Tgt Ion: 65 Resp: 35561
Ion Ratio Lower Upper
65 100
67 52.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078628.D

Acq: 11 Mar 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

RT4196RE

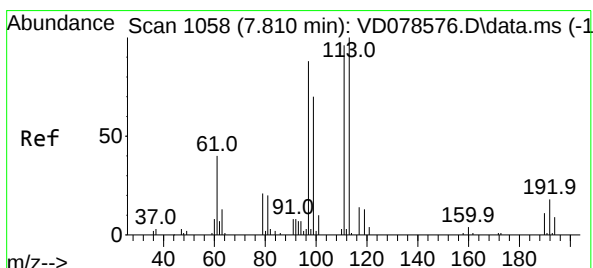
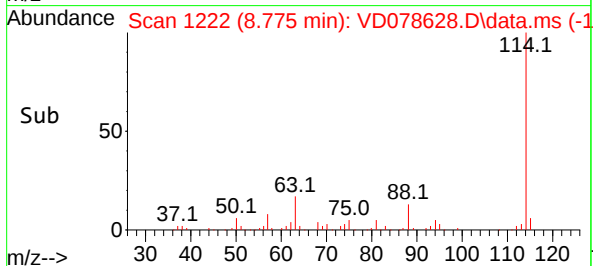
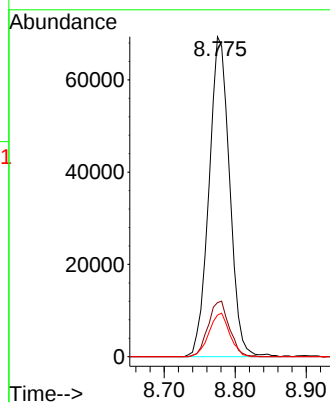
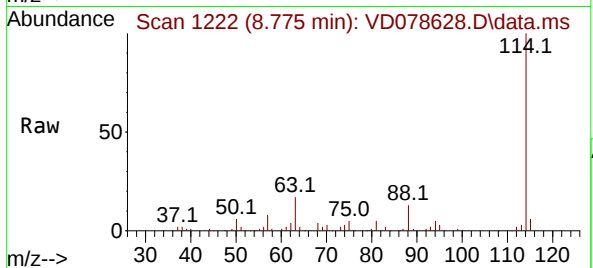
Tgt Ion:114 Resp: 139708

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.4
88	13.0	0.0	26.2

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#35

Dibromofluoromethane

Concen: 56.444 ug/l

RT: 7.810 min Scan# 1058

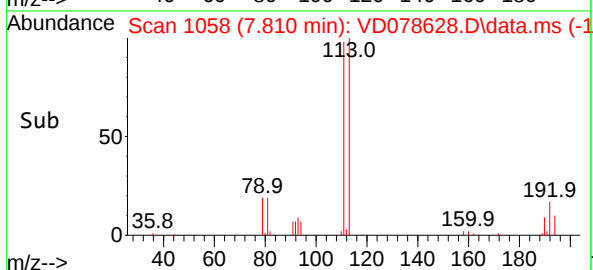
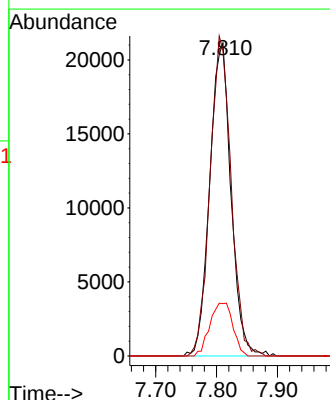
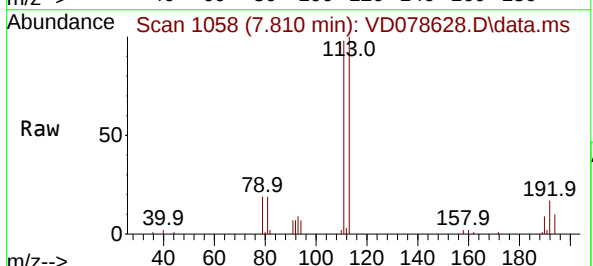
Delta R.T. 0.000 min

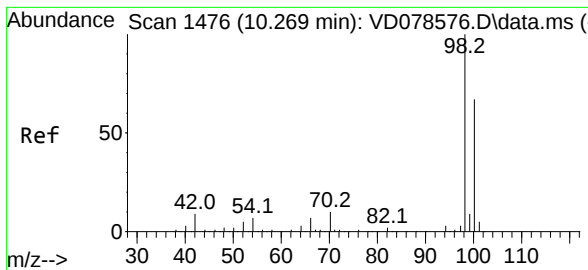
Lab File: VD078628.D

Acq: 11 Mar 2024 13:21

Tgt Ion:113 Resp: 51296

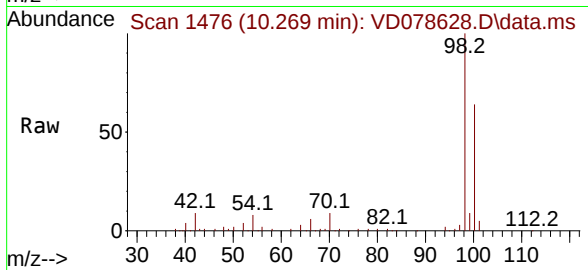
Ion	Ratio	Lower	Upper
113	100		
111	101.4	84.7	127.1
192	18.3	16.8	25.2





#50
Toluene-d8
Concen: 44.386 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

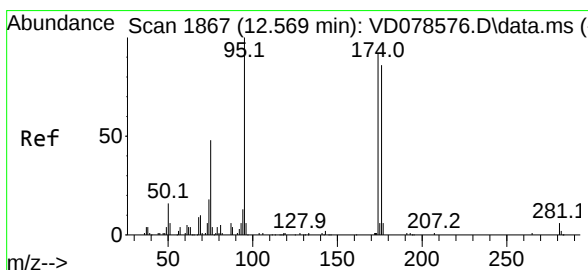
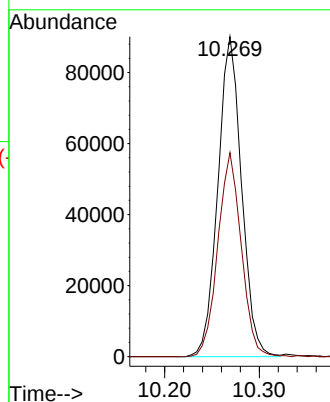
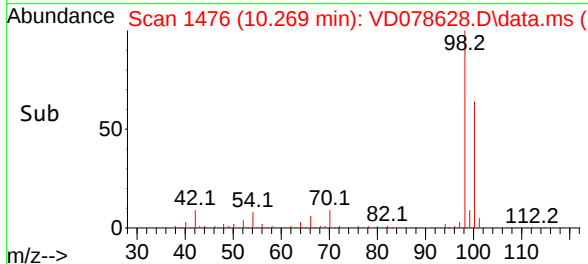
Instrument :
MSVOA_D
ClientSampleId :
RT4196RE



Tgt Ion: 98 Resp: 156744
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5

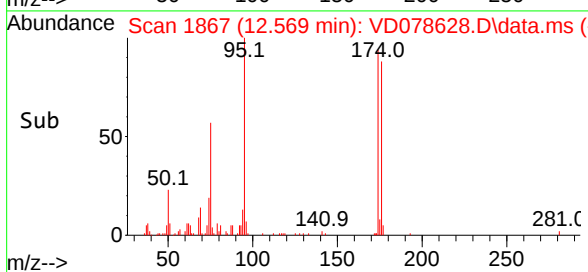
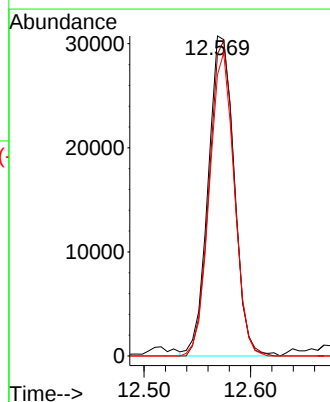
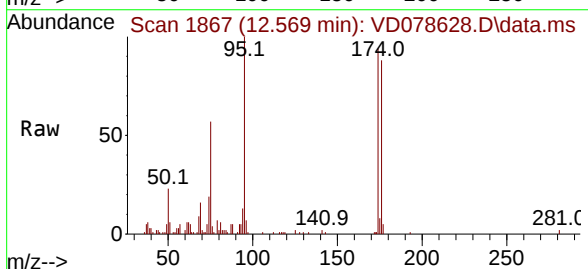
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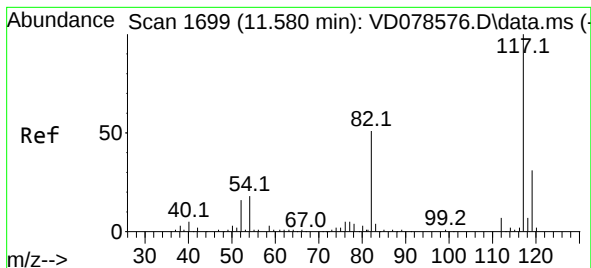
Reviewed By :Mahesh Dadoda 03/12/2024
Supervised By :Semsettin Yesilyurt 03/12/2024



#62
4-Bromofluorobenzene
Concen: 51.609 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

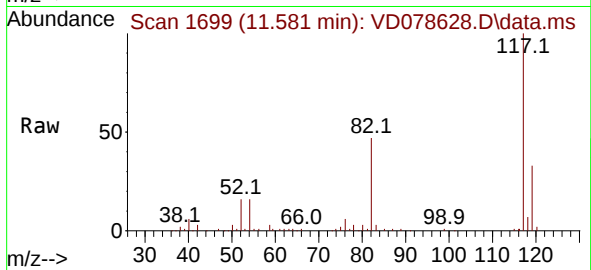
Tgt Ion: 95 Resp: 52054
Ion Ratio Lower Upper
95 100
174 94.8 0.0 201.8
176 90.5 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

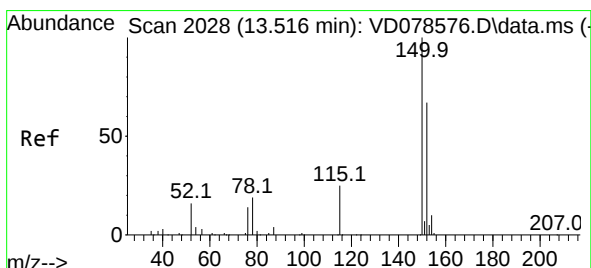
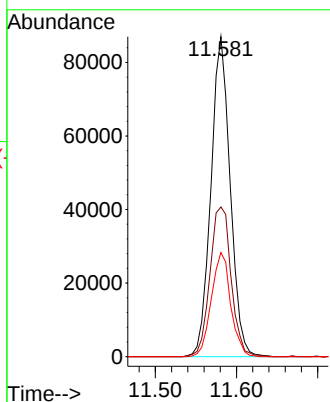
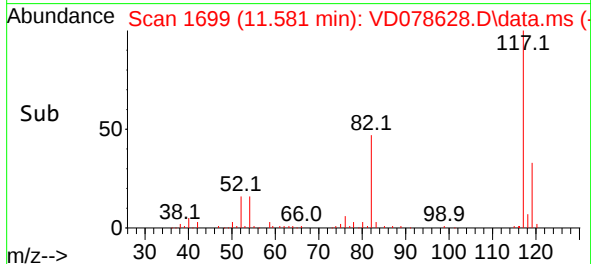
Instrument :
MSVOA_D
ClientSampleId :
RT4196RE



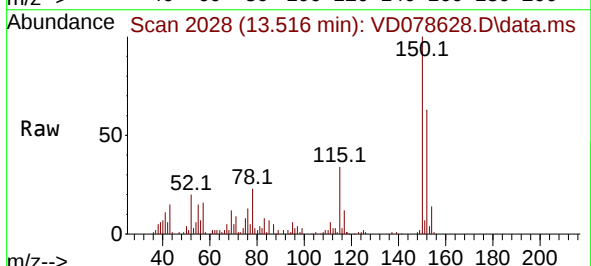
Tgt Ion:117 Resp: 143562
Ion Ratio Lower Upper
117 100
82 46.8 38.3 57.5
119 32.6 25.0 37.4

Manual Integrations
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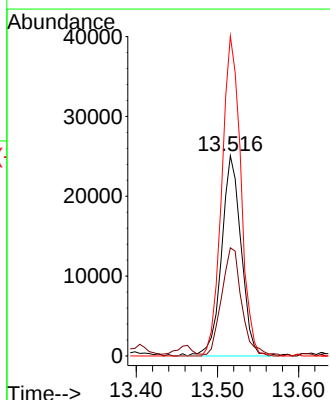
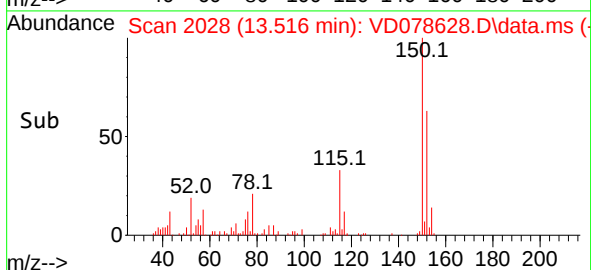
Reviewed By :Mahesh Dadoda 03/12/2024
Supervised By :Semsettin Yesilyurt 03/12/2024

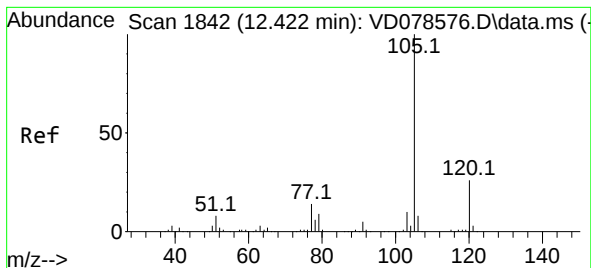


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21



Tgt Ion:152 Resp: 42028
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 155.2 0.0 353.6





#73

Isopropylbenzene

Concen: 5.931 ug/l

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD078628.D

Acq: 11 Mar 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

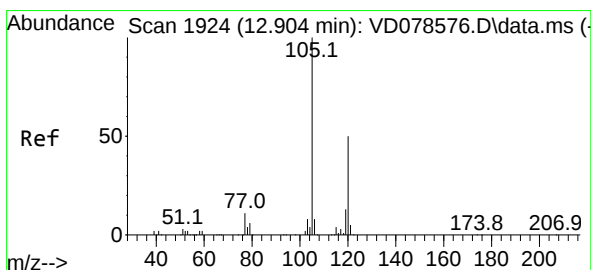
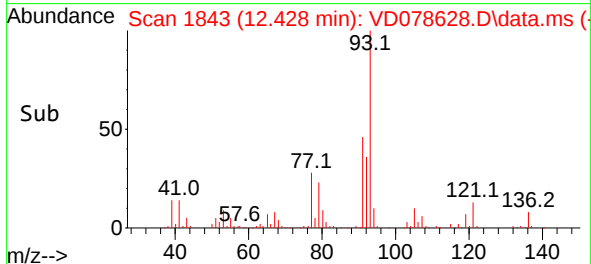
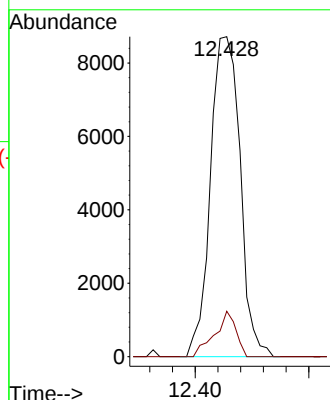
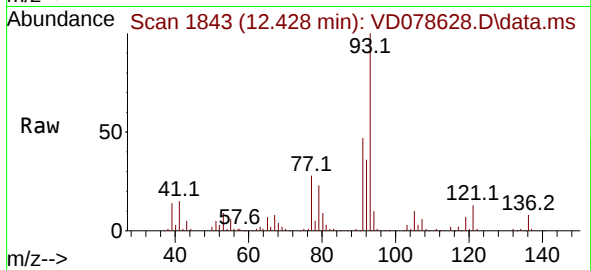
RT4196RE

Tgt Ion:105 Resp: 1580
 Ion Ratio Lower Upper
 105 100
 120 10.1 14.3 42.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 6.187 ug/l

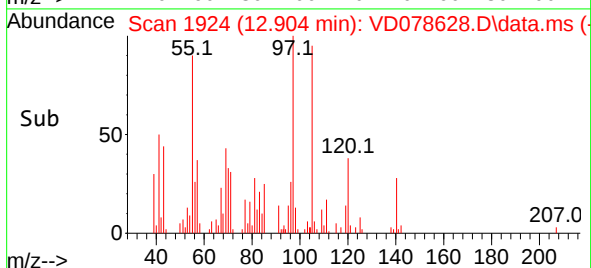
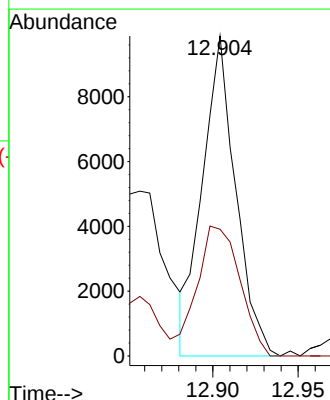
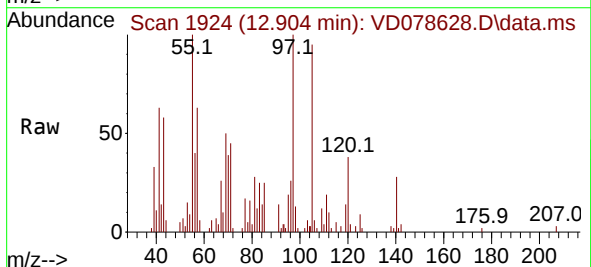
RT: 12.904 min Scan# 1924

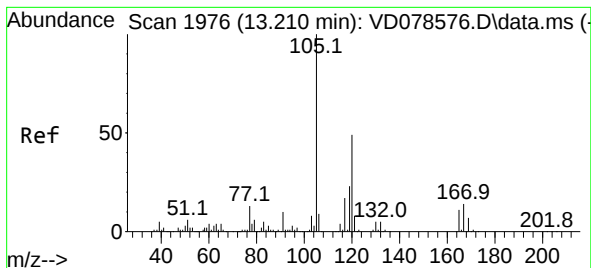
Delta R.T. 0.000 min

Lab File: VD078628.D

Acq: 11 Mar 2024 13:21

Tgt Ion:105 Resp: 13412
 Ion Ratio Lower Upper
 105 100
 120 52.7 26.4 79.2





#84

1,2,4-Trimethylbenzene

Concen: 6.124 ug/l

RT: 13.216 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD078628.D

Acq: 11 Mar 2024 13:21

Instrument :

MSVOA_D

ClientSampleId :

RT4196RE

Tgt Ion:105 Resp: 13570

Ion Ratio Lower Upper

105 100

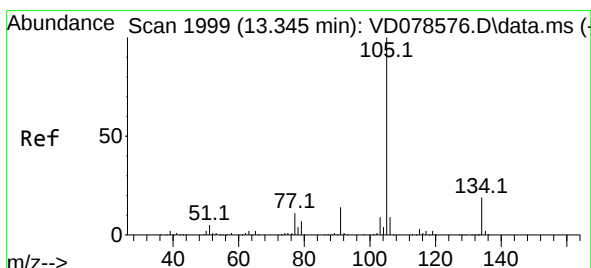
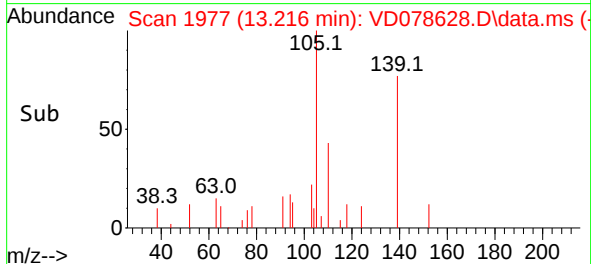
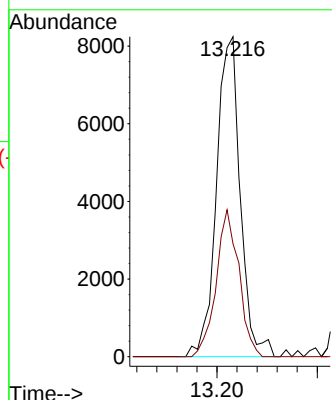
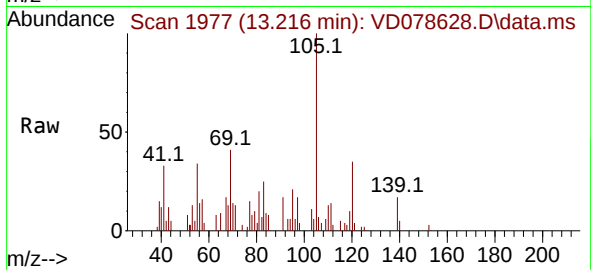
120 43.9 24.3 72.9

Manual Integrations

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Supervised By :Semsettin Yesilyurt 03/12/2024



#85

sec-Butylbenzene

Concen: 13.187 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078628.D

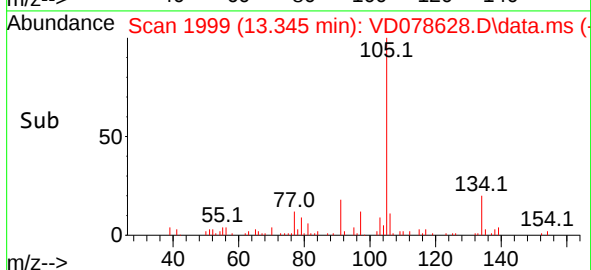
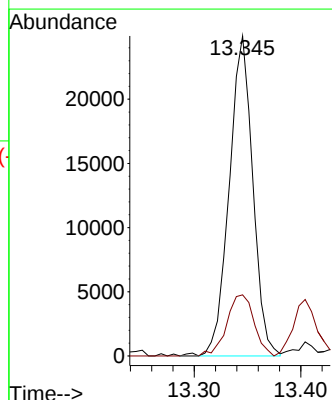
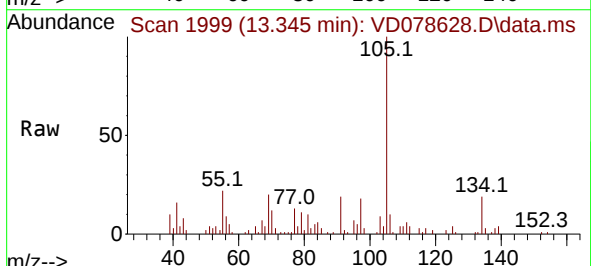
Acq: 11 Mar 2024 13:21

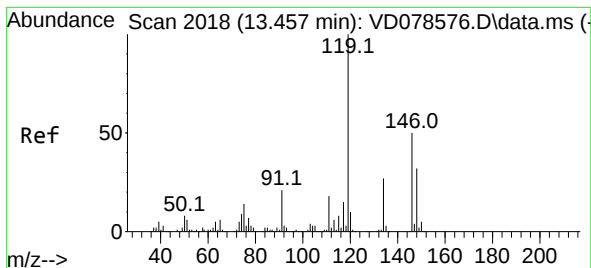
Tgt Ion:105 Resp: 38403

Ion Ratio Lower Upper

105 100

134 22.0 10.9 32.9





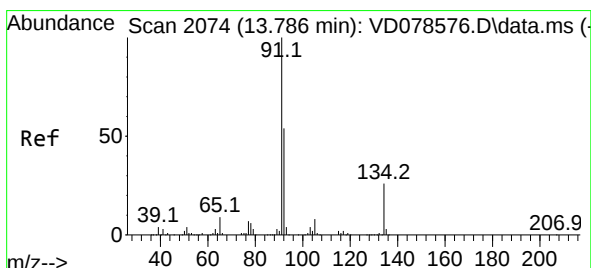
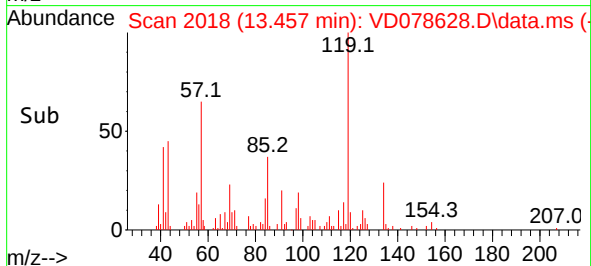
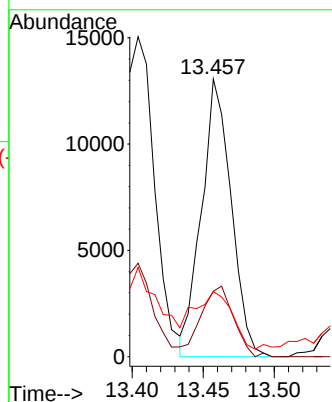
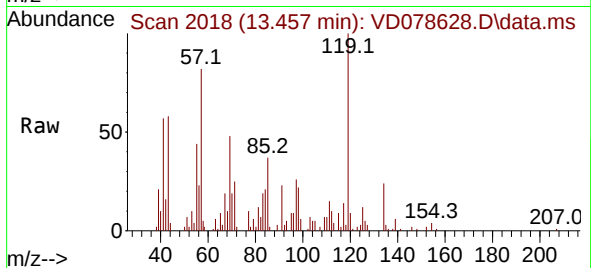
#86
p-Isopropyltoluene
Concen: 7.741 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

Instrument :
MSVOA_D
ClientSampleId :
RT4196RE

Tgt Ion:119 Resp: 18978
Ion Ratio Lower Upper
119 100
134 27.9 14.2 42.6
91 26.6 10.5 31.5

Manual Integrations
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Supervised By :Semsettin Yesilyurt 03/12/2024



#89
n-Butylbenzene
Concen: 2.564 ug/l m
RT: 13.781 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VD078628.D
Acq: 11 Mar 2024 13:21

Tgt Ion: 91 Resp: 5873
Ion Ratio Lower Upper
91 100
92 0.0 26.5 79.5#
134 305.4 13.8 41.3#

