

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078089.D
 Acq On : 28 Dec 2023 13:41
 Operator : RP/MD
 Sample : 06031-03RE
 Misc : 5.77G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-321-10-12RE

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 28 22:24:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	394062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	239439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84272	45.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.200%
35) Dibromofluoromethane	7.810	113	101805	45.030	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.269	98	573512	72.093	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	144.180%#
62) 4-Bromofluorobenzene	12.569	95	279335	109.130	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	218.260%#
Target Compounds						
					Qvalue	
31) Cyclohexane	7.869	56	41976	14.082	ug/l	86
39) Methylcyclohexane	9.275	83	384112	105.321	ug/l	96
73) Isopropylbenzene	12.416	105	24439	1.482	ug/l	100
78) n-propylbenzene	12.763	91	58362	2.940	ug/l	88
85) sec-Butylbenzene	13.345	105	122945	7.048	ug/l #	53
89) n-Butylbenzene	13.787	91	80568m	5.622	ug/l	

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

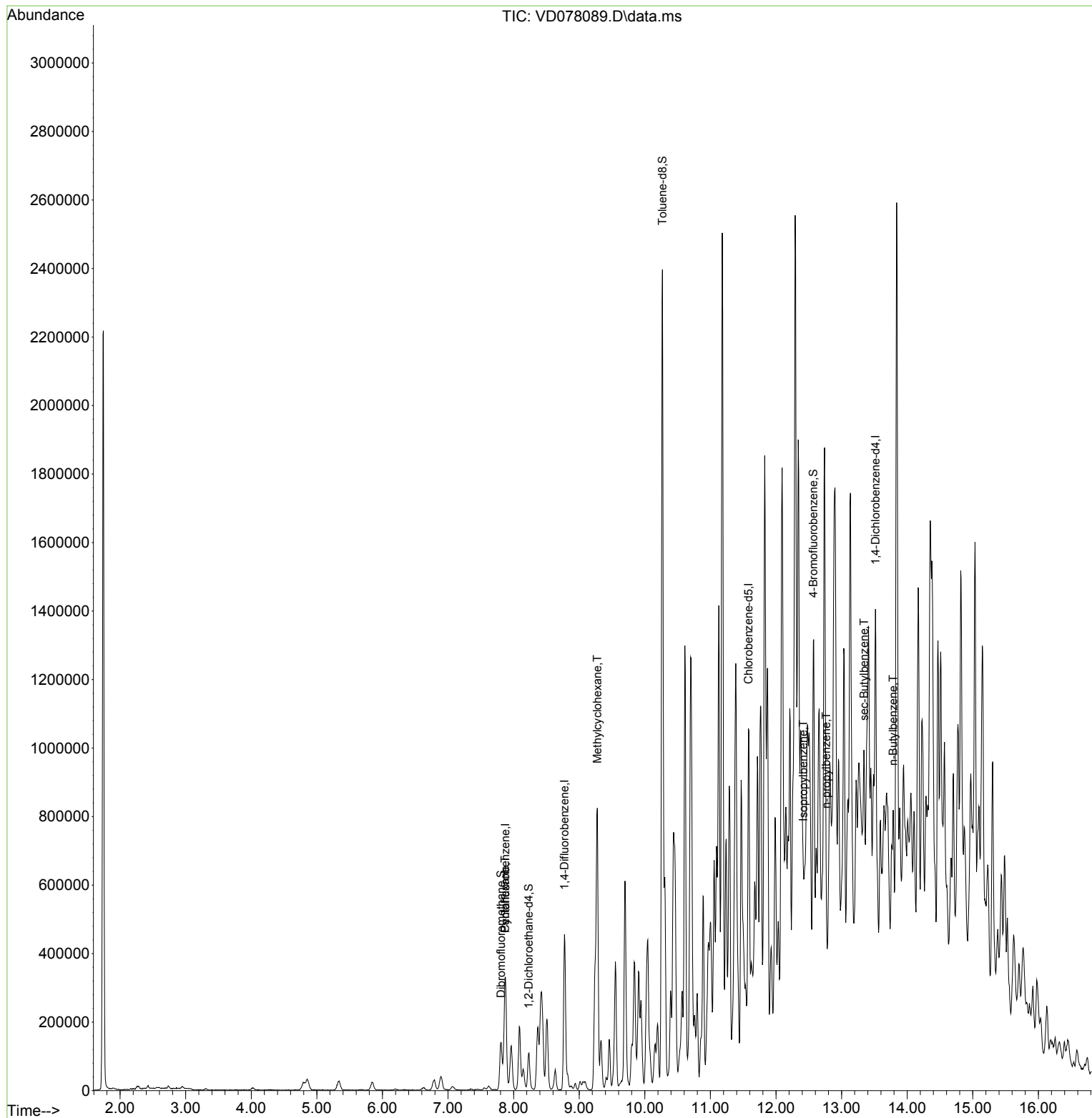
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
Data File : VD078089.D
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Operator : RP/MD
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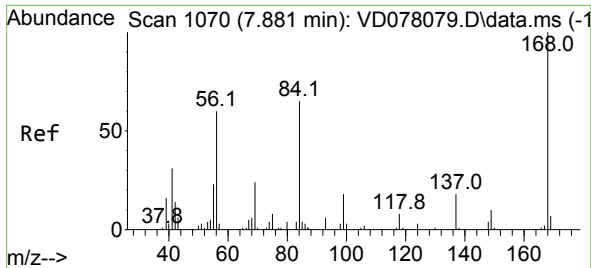
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE

Manual Integrations
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Supervised By : Mahesh Dadoda 01/01/2024

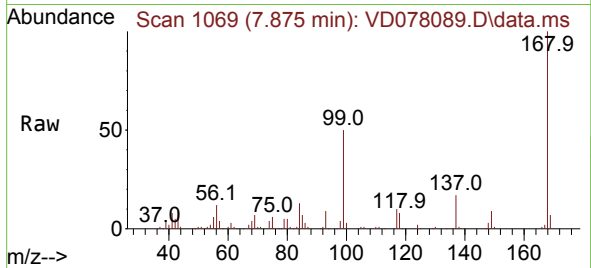
Quant Time: Dec 28 22:24:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

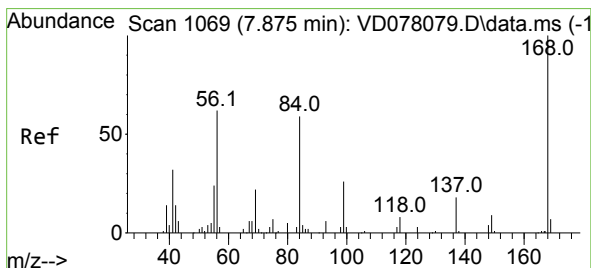
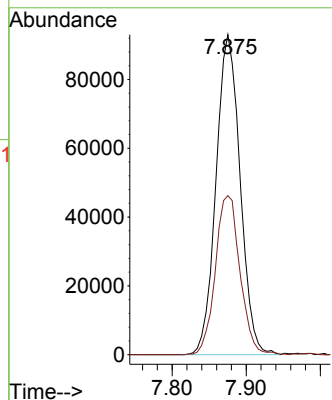
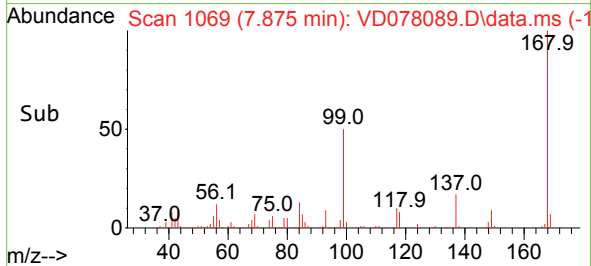
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE



Tgt Ion:168 Resp: 21000
Ion Ratio Lower Upper
168 100
99 49.7 36.7 55.1

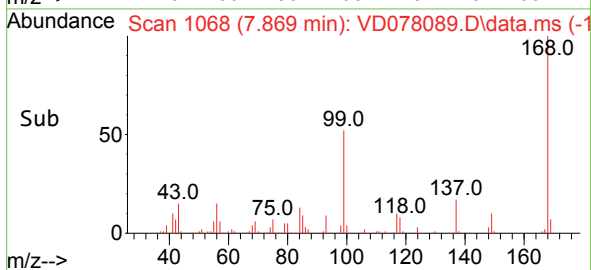
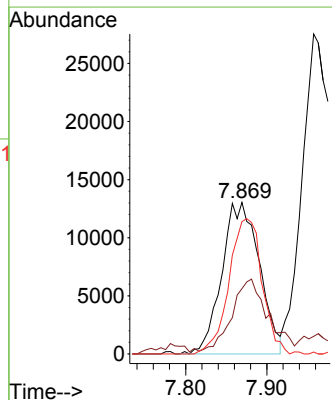
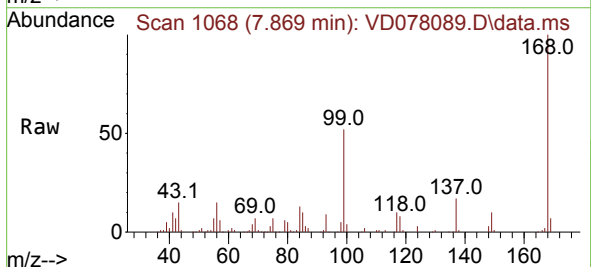
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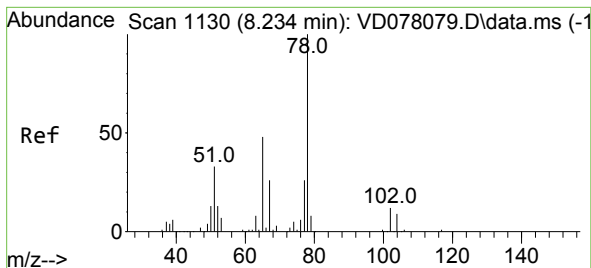
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#31
Cyclohexane
Concen: 14.082 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

Tgt Ion: 56 Resp: 41976
Ion Ratio Lower Upper
56 100
69 38.0 28.6 43.0
84 87.3 84.8 127.2





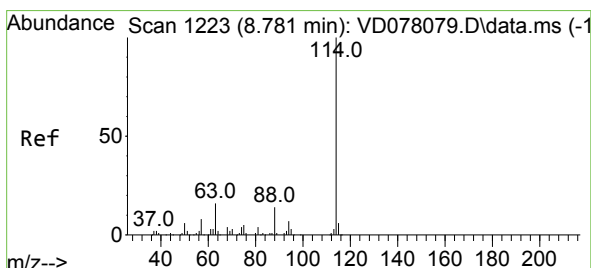
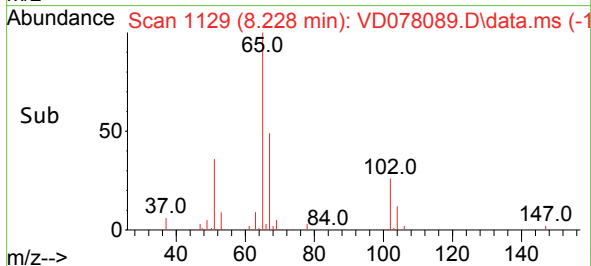
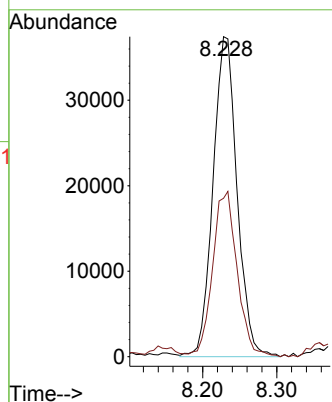
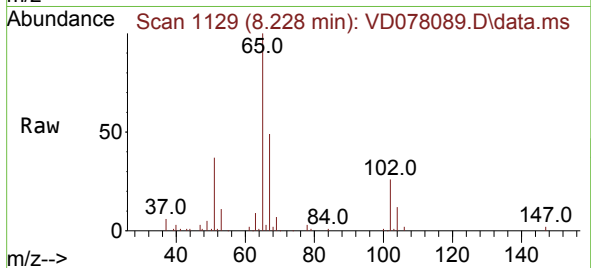
#33
1,2-Dichloroethane-d4
Concen: 45.100 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE

Tgt Ion: 65 Resp: 84272
Ion Ratio Lower Upper
65 100
67 52.8 0.0 115.0

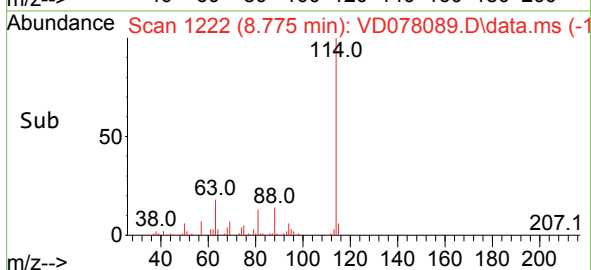
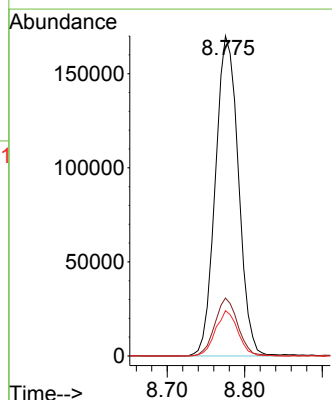
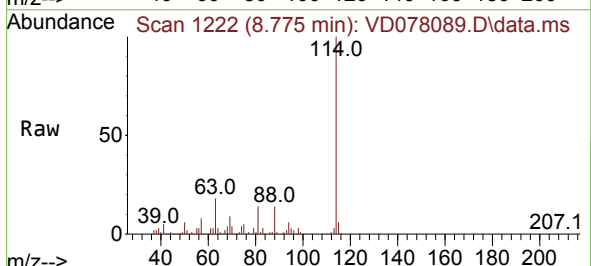
Manual Integrations
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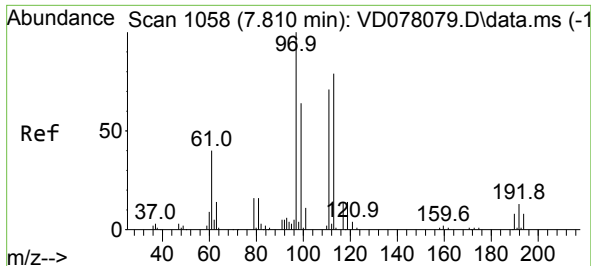
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

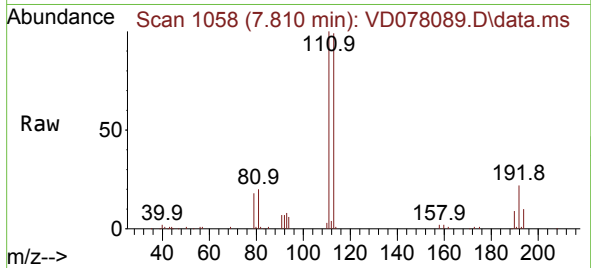
Tgt Ion:114 Resp: 351373
Ion Ratio Lower Upper
114 100
63 18.1 0.0 33.4
88 14.1 0.0 26.2





#35
Dibromofluoromethane
Concen: 45.030 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

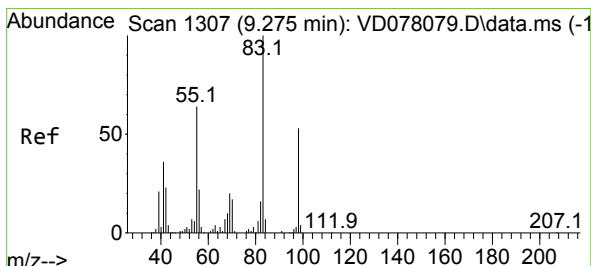
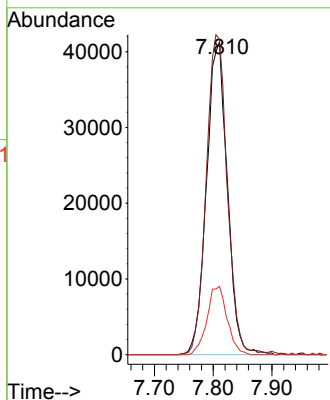
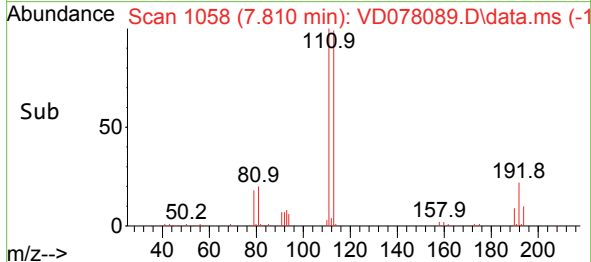
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE



Tgt Ion: 113 Resp: 10180
Ion Ratio Lower Upper
113 100
111 102.9 84.7 127.1
192 21.2 16.8 25.2

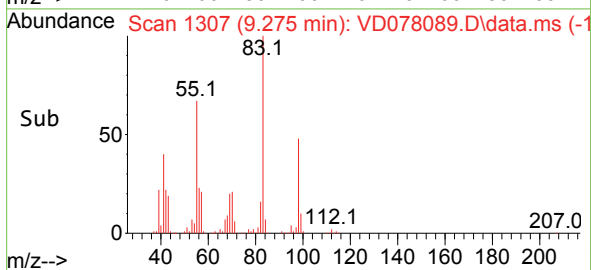
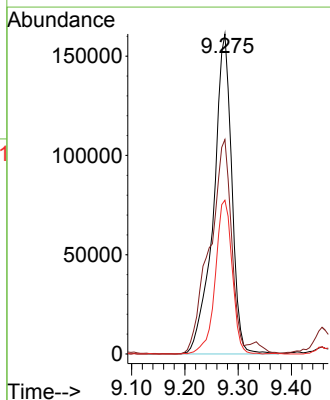
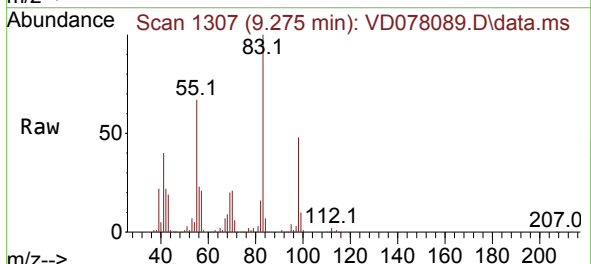
Manual Integrations
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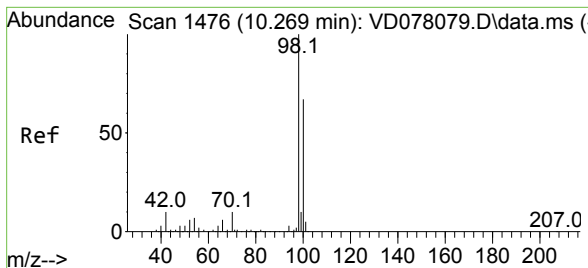
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#39
Methylcyclohexane
Concen: 105.321 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

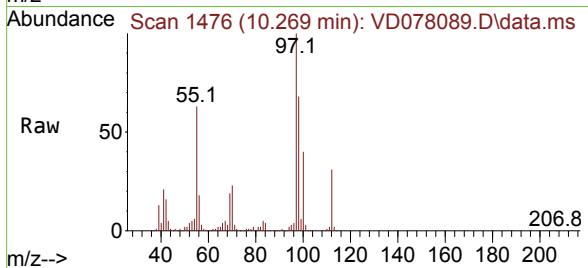
Tgt Ion: 83 Resp: 384112
Ion Ratio Lower Upper
83 100
55 66.9 49.4 74.0
98 48.1 38.4 57.6





#50
Toluene-d8
Concen: 72.093 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

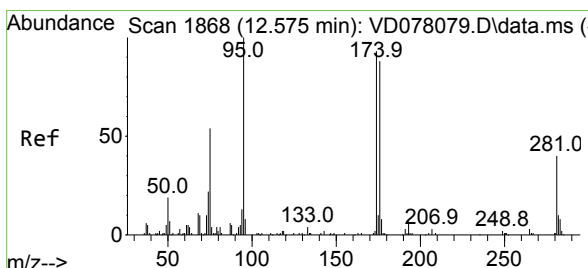
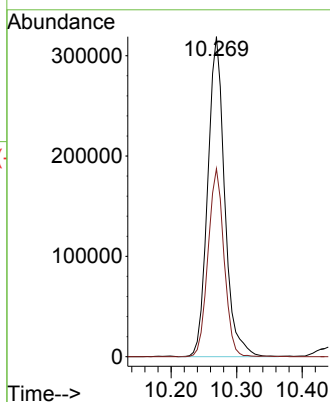
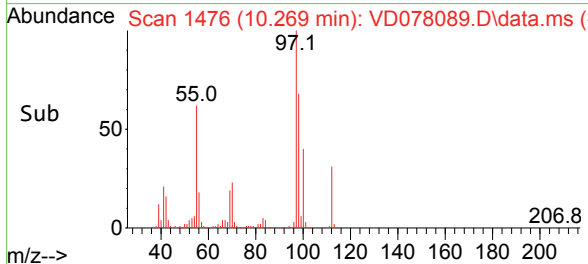
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE



Tgt Ion: 98 Resp: 573512
Ion Ratio Lower Upper
98 100
100 55.4 50.3 75.5

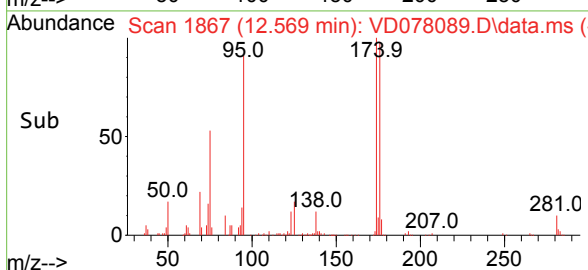
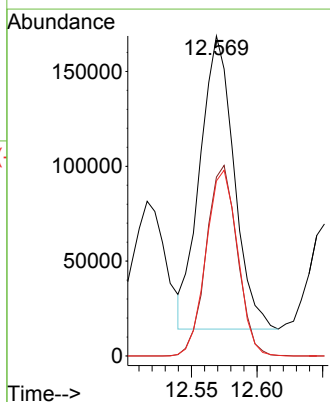
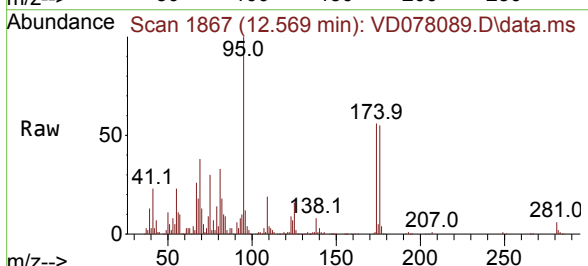
Manual Integrations
APPROVED

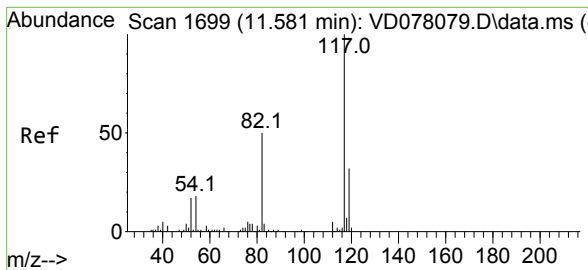
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#62
4-Bromofluorobenzene
Concen: 109.130 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

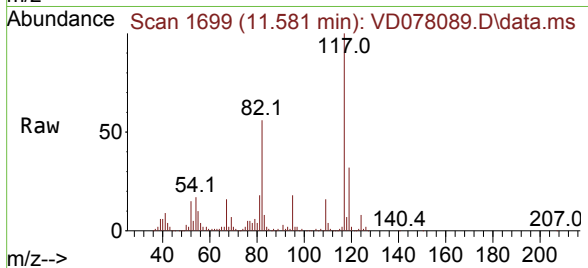
Tgt Ion: 95 Resp: 279335
Ion Ratio Lower Upper
95 100
174 59.4 0.0 201.8
176 58.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

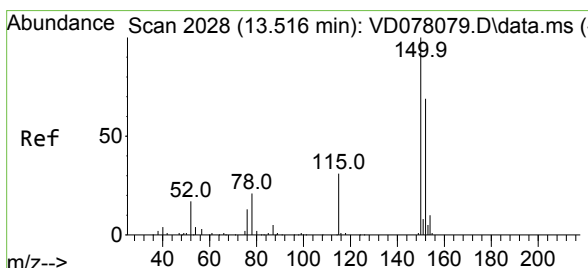
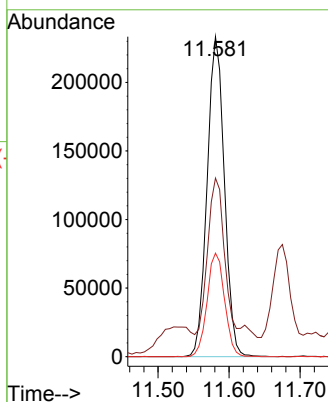
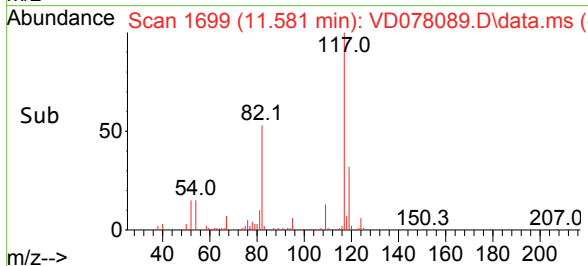
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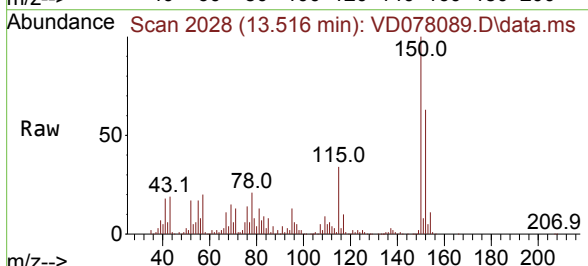
Tgt Ion:117 Resp: 394062
Ion Ratio Lower Upper
117 100
82 46.6 38.3 57.5
119 32.4 25.0 37.4

Manual Integrations
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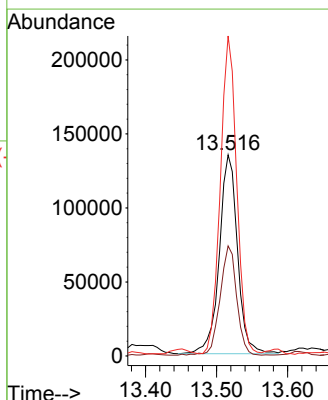
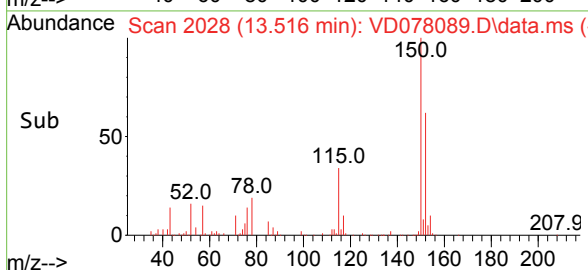
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

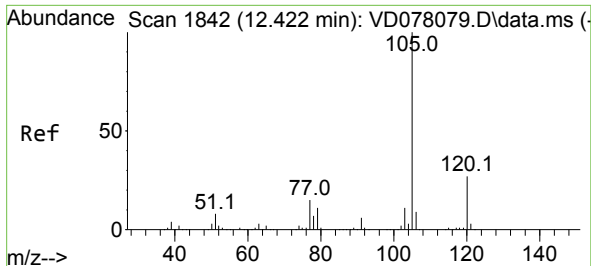


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41



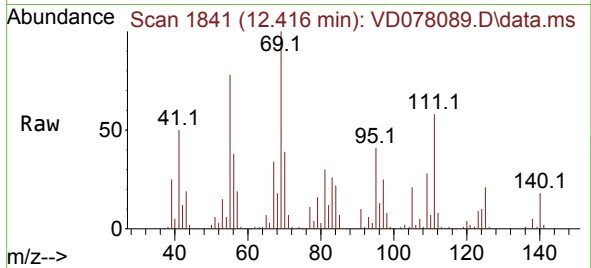
Tgt Ion:152 Resp: 239439
Ion Ratio Lower Upper
152 100
115 50.0 27.1 81.3
150 142.7 0.0 353.6





#73
Isopropylbenzene
Concen: 1.482 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

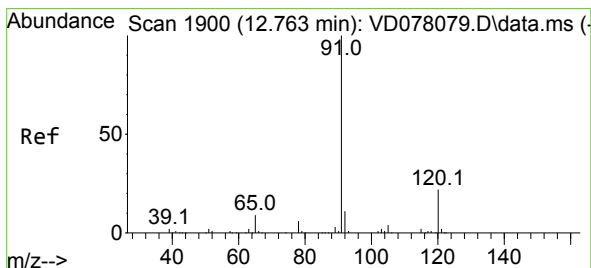
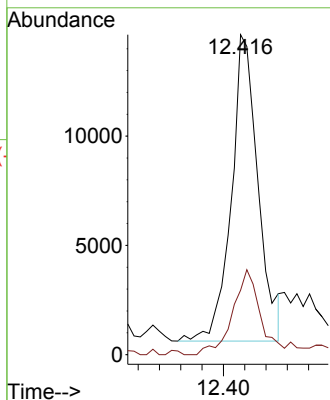
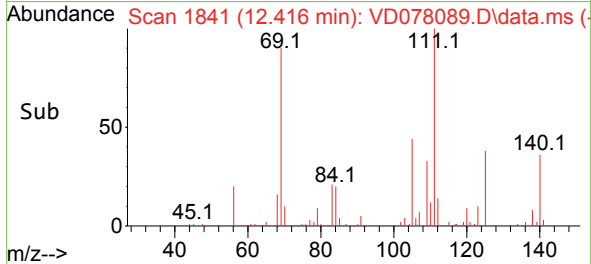
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE



Tgt Ion:105 Resp: 24439
Ion Ratio Lower Upper
105 100
120 28.4 14.3 42.9

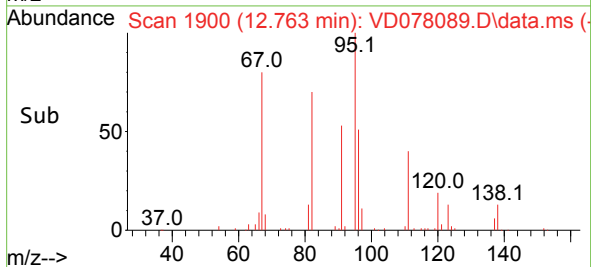
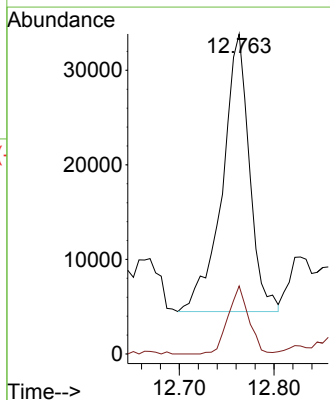
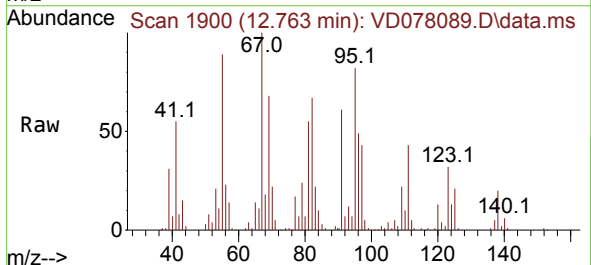
Manual Integrations
APPROVED

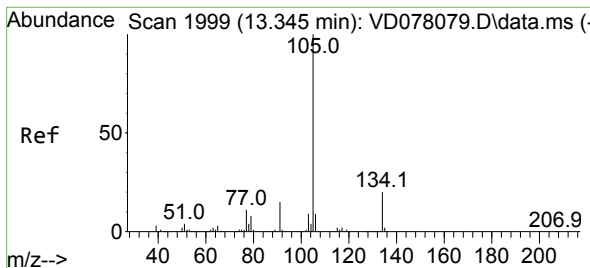
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#78
n-propylbenzene
Concen: 2.940 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

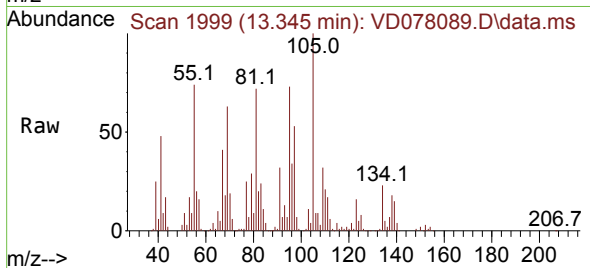
Tgt Ion: 91 Resp: 58362
Ion Ratio Lower Upper
91 100
120 18.8 12.4 37.2





#85
sec-Butylbenzene
Concen: 7.048 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

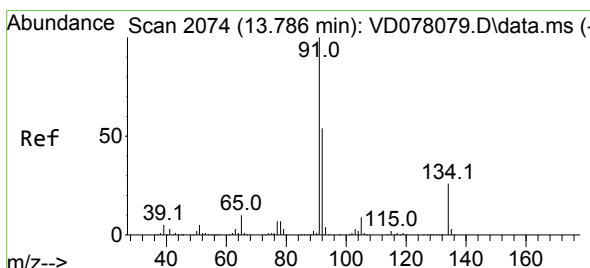
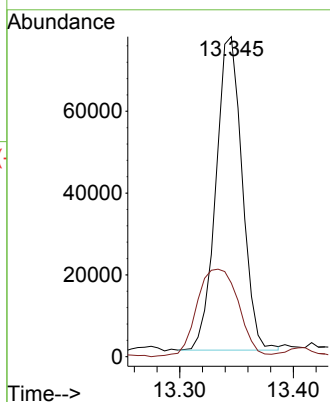
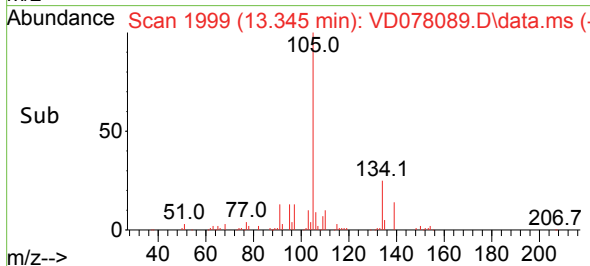
Instrument :
MSVOA_D
ClientSampleId :
MR-321-10-12RE



Tgt Ion:105 Resp: 122945
Ion Ratio Lower Upper
105 100
134 44.4 10.9 32.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#89
n-Butylbenzene
Concen: 5.622 ug/l m
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078089.D
Acq: 28 Dec 2023 13:41

Tgt Ion: 91 Resp: 80568
Ion Ratio Lower Upper
91 100
92 50.6 26.5 79.5
134 0.0 13.8 41.3

