

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077977.D
 Acq On : 19 Dec 2023 16:39
 Operator : RP/MD
 Sample : 05886-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AUD-1299

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

Quant Time: Dec 20 02:06:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	157698	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	293773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	243302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	73783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70419	37.895	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.800%		
35) Dibromofluoromethane	7.810	113	86437	42.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	84.020%		
50) Toluene-d8	10.269	98	348882	42.331	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.660%		
62) 4-Bromofluorobenzene	12.575	95	82816	33.610	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	67.220%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.057	59	9635	100.950	ug/l	# 87
52) Toluene	10.334	92	394174	68.020	ug/l	98
67) Ethyl Benzene	11.681	91	11957	1.180	ug/l	93
68) m/p-Xylenes	11.786	106	14706	3.796	ug/l	99
69) o-Xylene	12.122	106	6944	1.945	ug/l	88
78) n-propylbenzene	12.769	91	6878	1.009	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	5754	1.234	ug/l	91
84) 1,2,4-Trimethylbenzene	13.216	105	26306	5.639	ug/l	97
95) Naphthalene	15.327	128	5239	2.018	ug/l	# 87

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

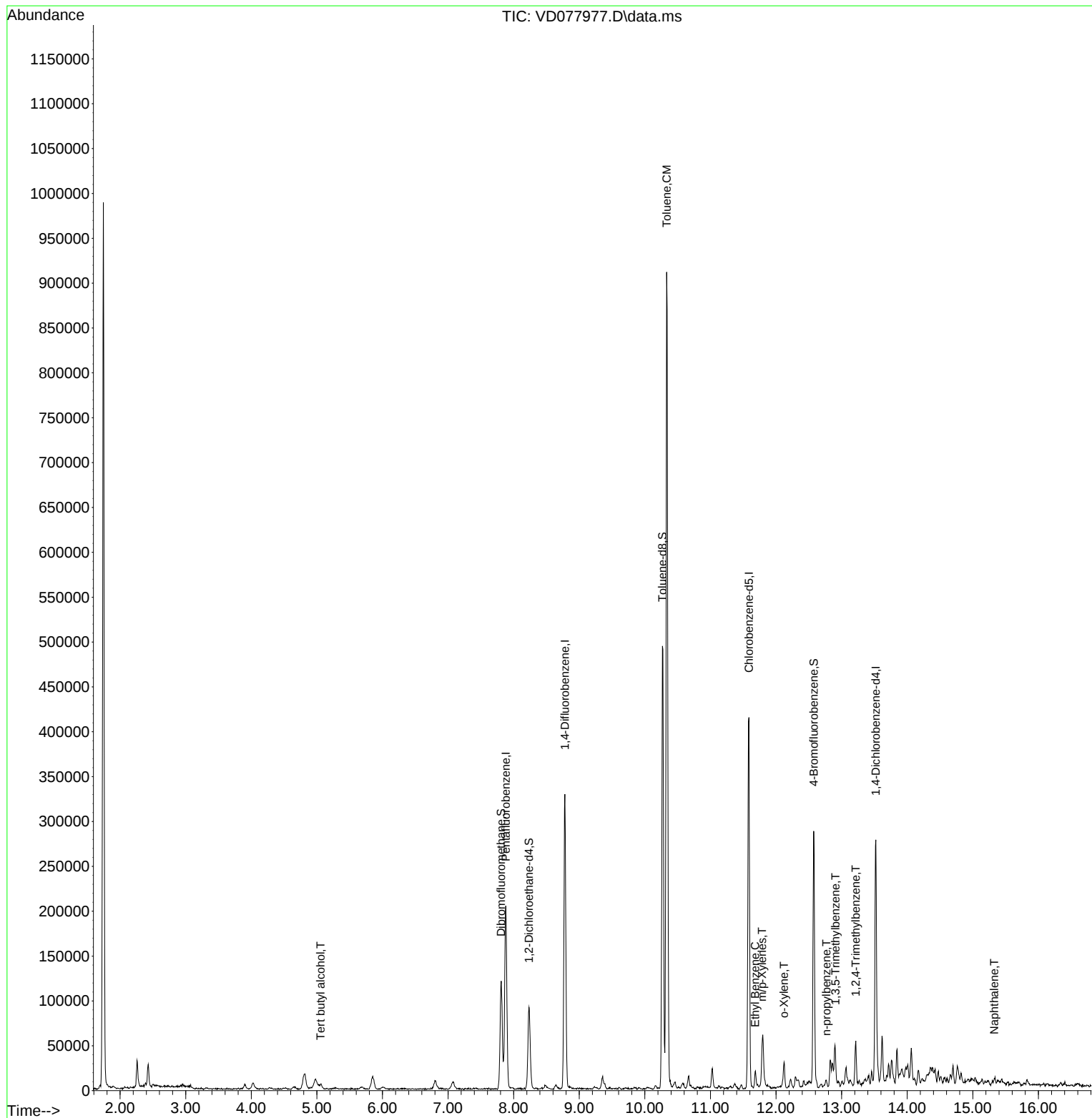
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
Data File : VD077977.D
Acq On : 19 Dec 2023 16:39
Operator : RP/MD
Sample : 05886-03
Misc : 5.05G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

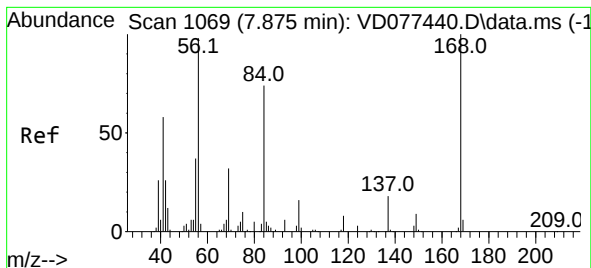
Instrument :
MSVOA_D
ClientSampleId :
AUD-1299

Quant Time: Dec 20 02:06:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

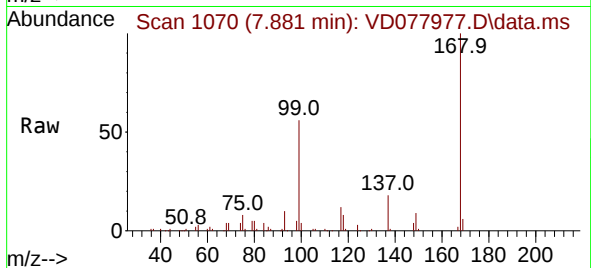
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

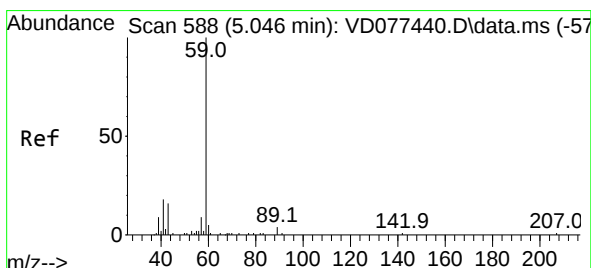
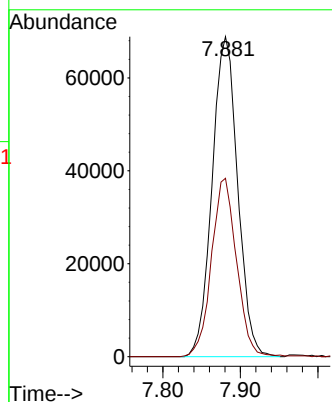
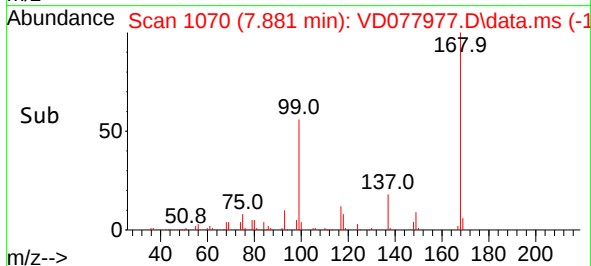
Instrument :
MSVOA_D
ClientSampleId :
AUD-1299



Tgt Ion:168 Resp: 157698
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1

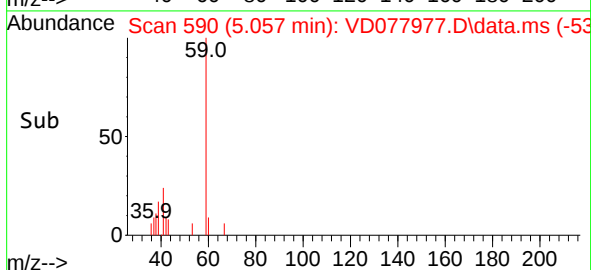
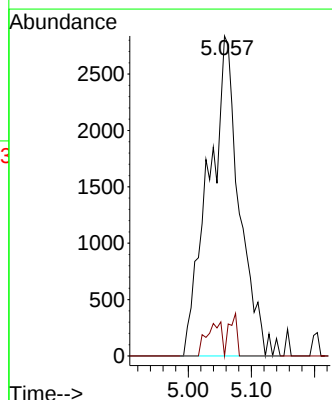
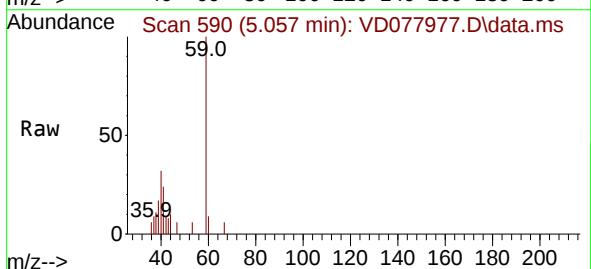
Manual Integrations
APPROVED

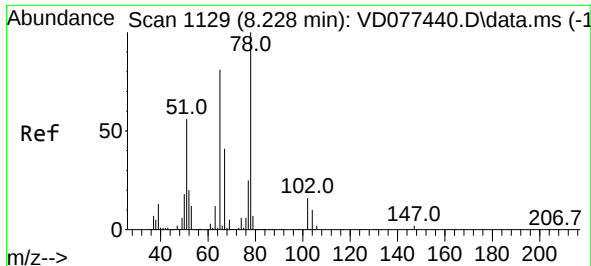
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#11
Tert butyl alcohol
Concen: 100.950 ug/l
RT: 5.057 min Scan# 590
Delta R.T. 0.011 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Tgt Ion: 59 Resp: 9635
Ion Ratio Lower Upper
59 100
57 5.1 7.8 11.8





#33

1,2-Dichloroethane-d4

Concen: 37.895 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

AUD-1299

Tgt Ion: 65 Resp: 70419

Ion Ratio Lower Upper

65 100

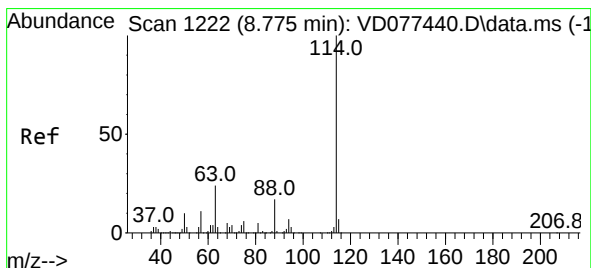
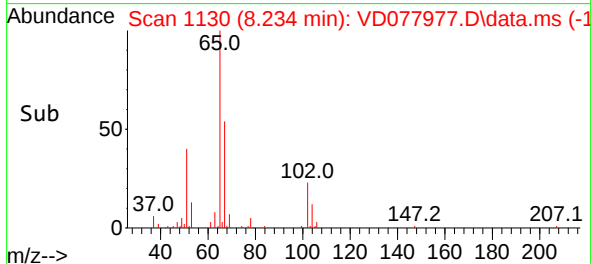
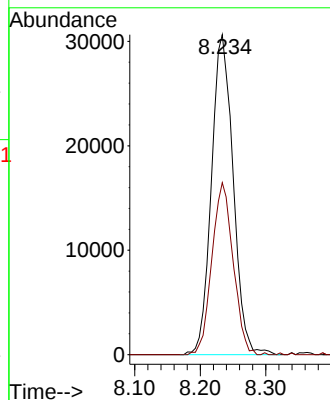
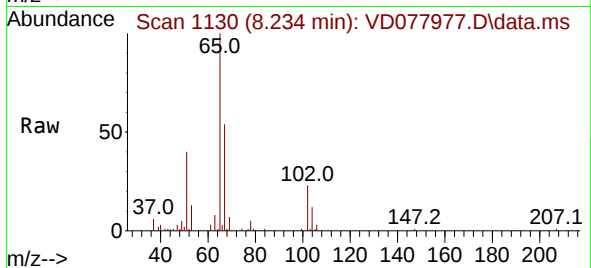
67 52.5 0.0 115.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 12/20/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

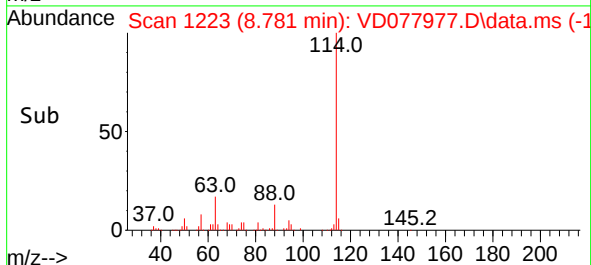
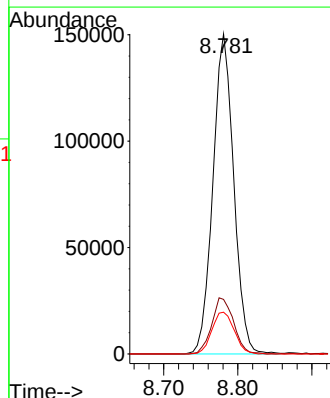
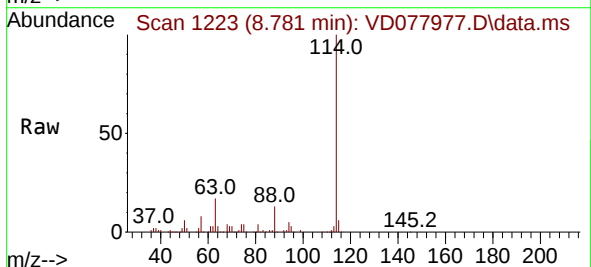
Tgt Ion:114 Resp: 293773

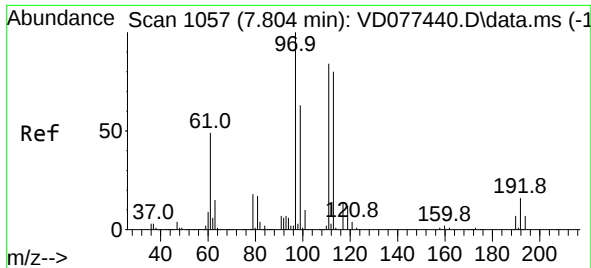
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 42.005 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

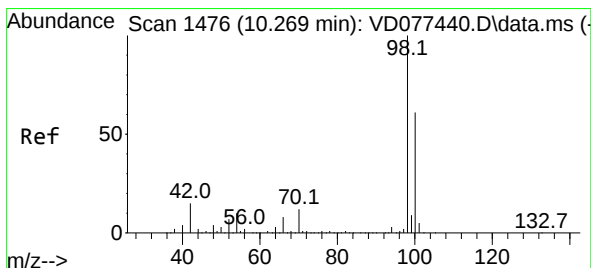
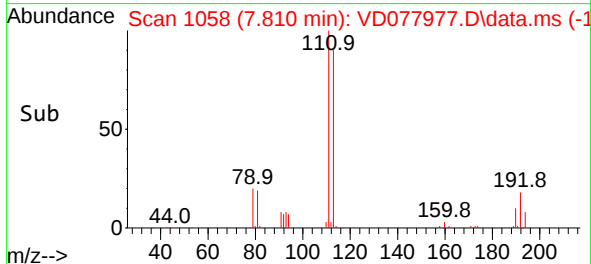
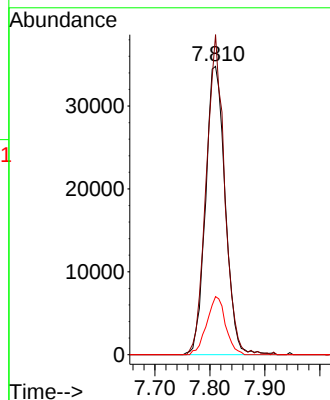
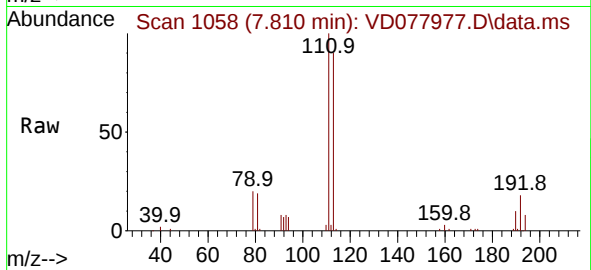
AUD-1299

Tgt Ion:	113	Resp:	8643
Ion Ratio	Lower	Upper	
113	100		
111	103.3	84.7	127.1
192	19.3	16.8	25.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#50

Toluene-d8

Concen: 42.331 ug/l

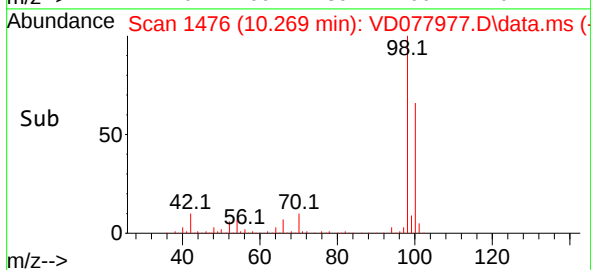
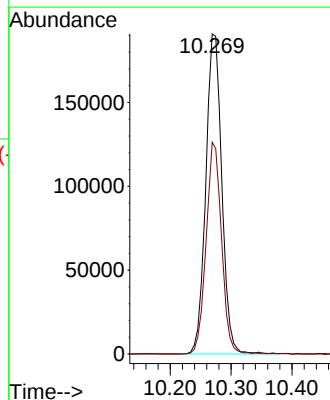
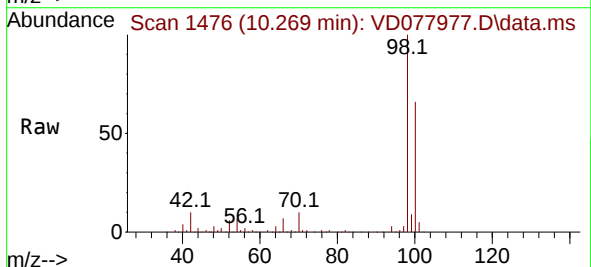
RT: 10.269 min Scan# 1476

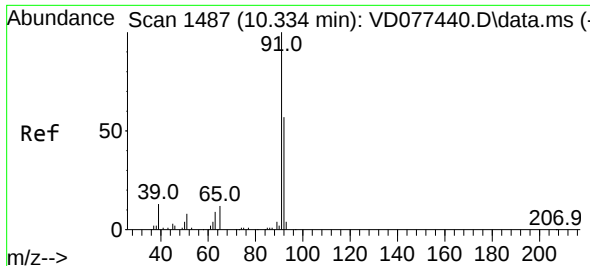
Delta R.T. -0.000 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

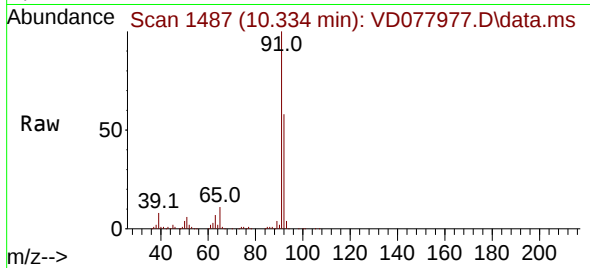
Tgt Ion:	98	Resp:	348882
Ion Ratio	Lower	Upper	
98	100		
100	63.7	50.3	75.5





#52
Toluene
Concen: 68.020 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

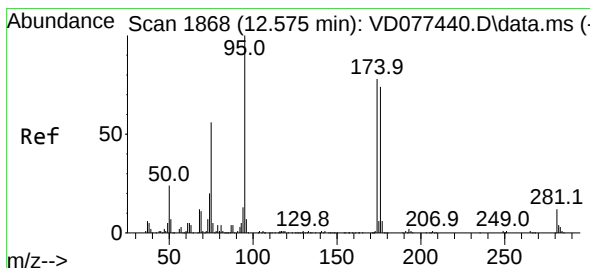
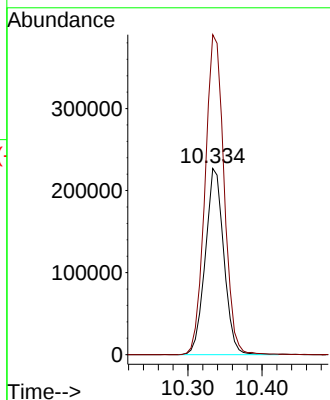
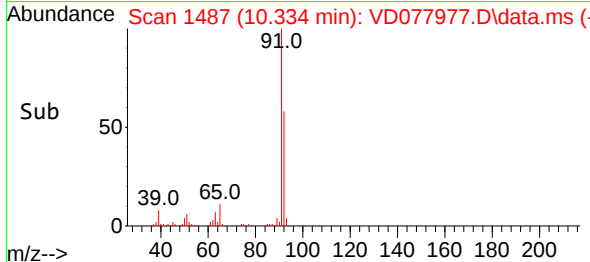
Instrument :
MSVOA_D
ClientSampleId :
AUD-1299



Tgt Ion: 92 Resp: 394174
Ion Ratio Lower Upper
92 100
91 176.3 143.0 214.4

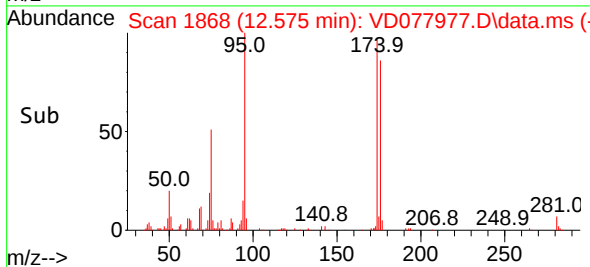
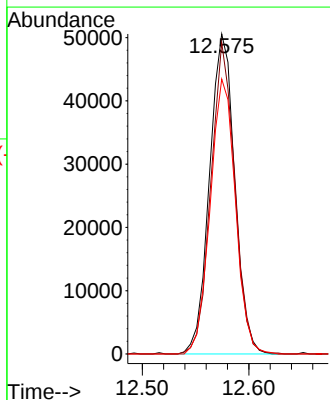
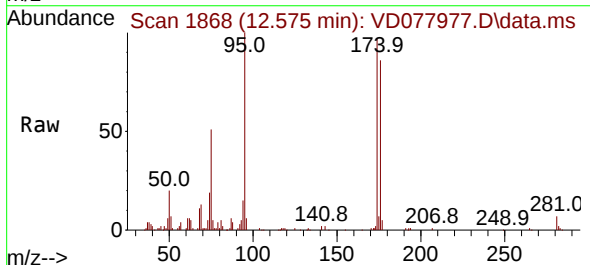
Manual Integrations
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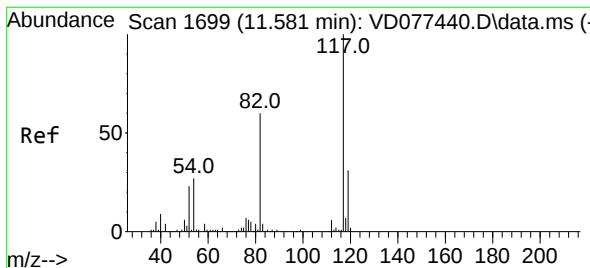
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#62
4-Bromofluorobenzene
Concen: 33.610 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Tgt Ion: 95 Resp: 82816
Ion Ratio Lower Upper
95 100
174 92.7 0.0 201.8
176 86.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.586 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

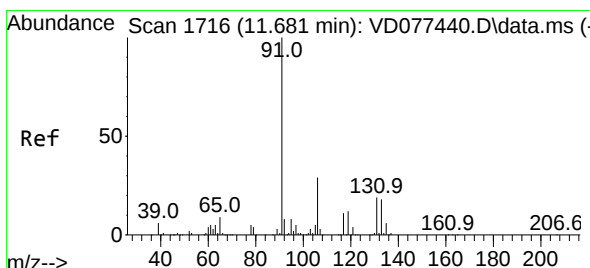
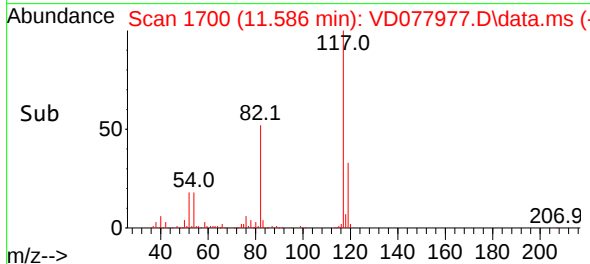
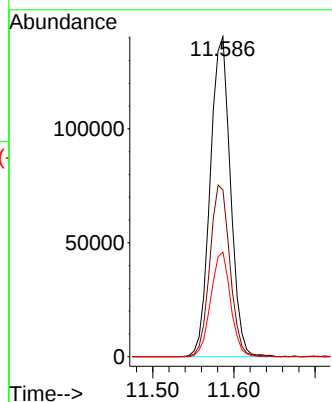
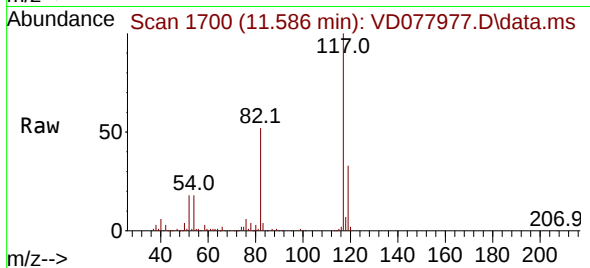
AUD-1299

Tgt Ion:	117	Resp:	24330
Ion Ratio	Lower	Upper	
117	100		
82	52.1	38.3	57.5
119	32.7	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#67

Ethyl Benzene

Concen: 1.180 ug/l

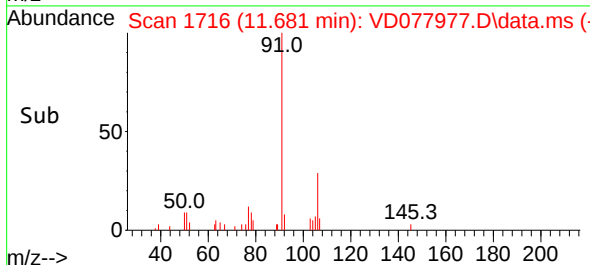
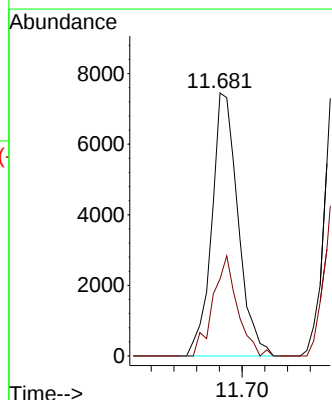
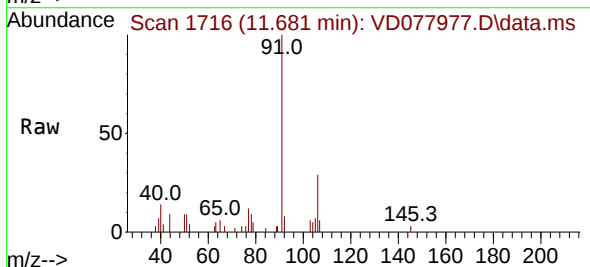
RT: 11.681 min Scan# 1716

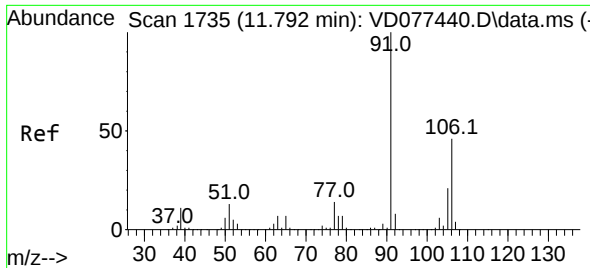
Delta R.T. -0.000 min

Lab File: VD077977.D

Acq: 19 Dec 2023 16:39

Tgt Ion:	91	Resp:	11957
Ion Ratio	Lower	Upper	
91	100		
106	29.3	26.5	39.7





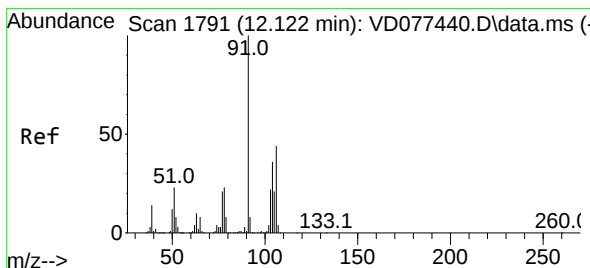
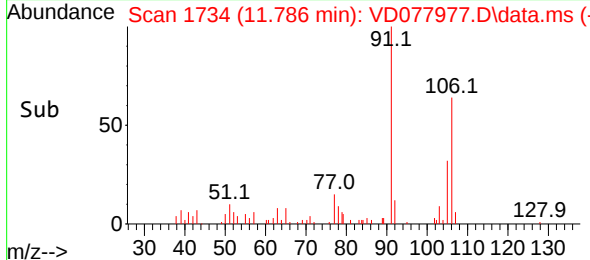
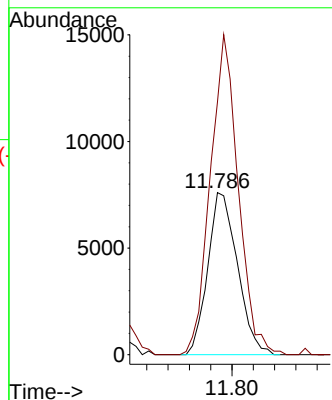
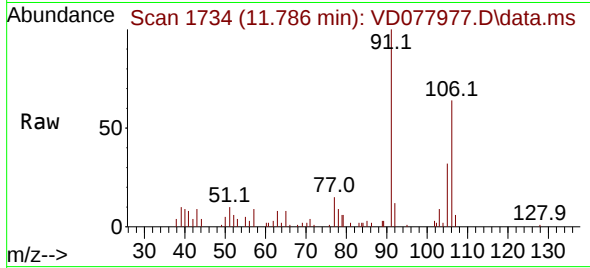
#68
m/p-Xylenes
Concen: 3.796 ug/l
RT: 11.786 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
AUD-1299

Tgt Ion:106 Resp: 14700
Ion Ratio Lower Upper
106 100
91 185.7 147.0 220.6

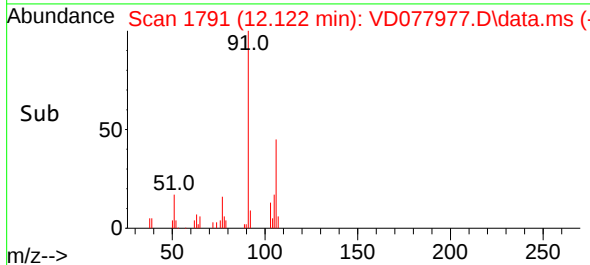
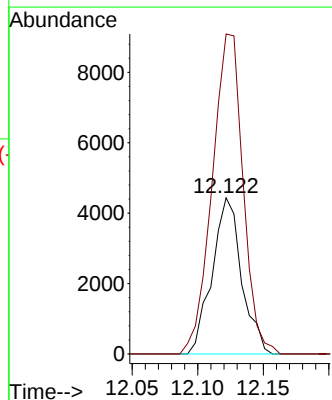
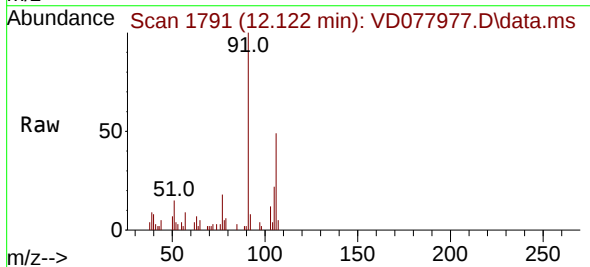
Manual Integrations
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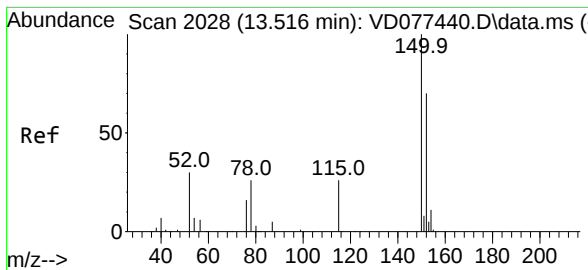
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#69
o-Xylene
Concen: 1.945 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Tgt Ion:106 Resp: 6944
Ion Ratio Lower Upper
106 100
91 214.4 97.9 293.6





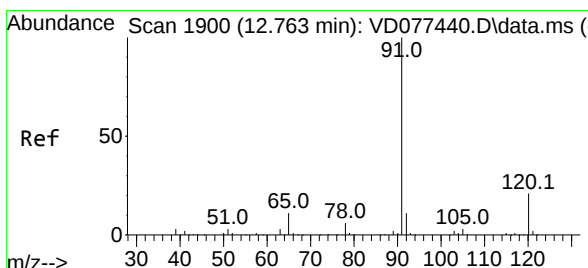
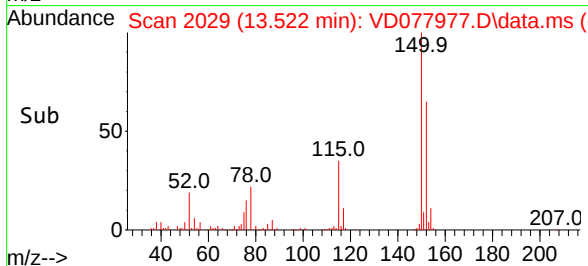
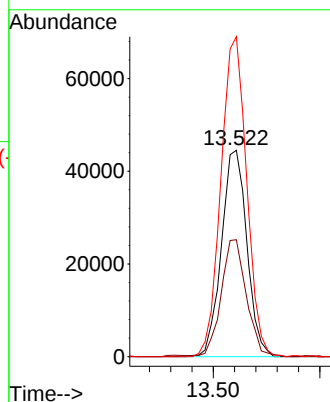
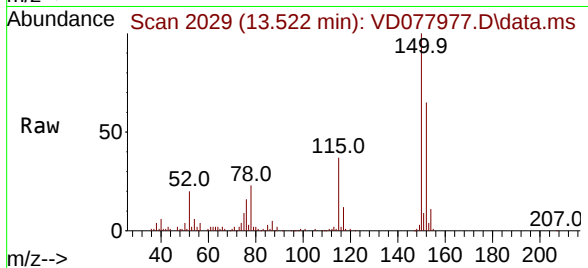
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
AUD-1299

Tgt Ion:152 Resp: 7378
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 156.4 0.0 353.6

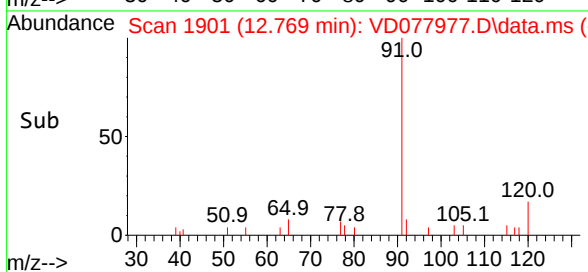
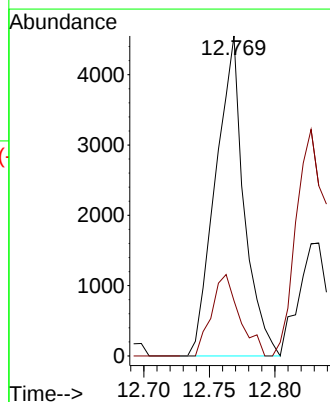
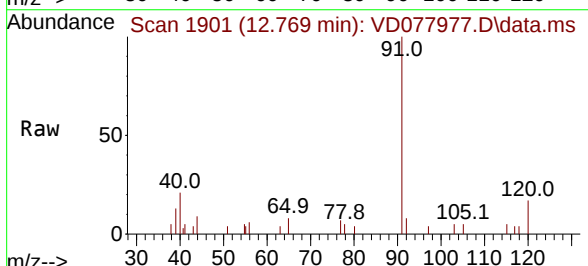
Manual Integrations
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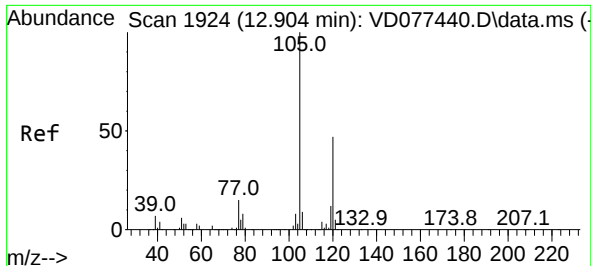
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#78
n-propylbenzene
Concen: 1.009 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

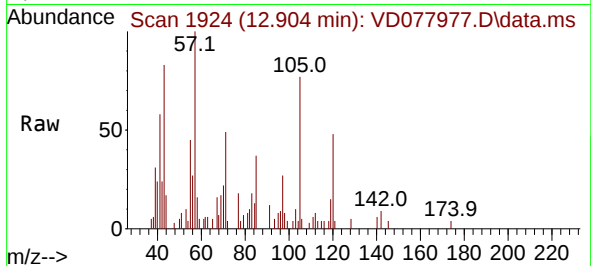
Tgt Ion: 91 Resp: 6878
Ion Ratio Lower Upper
91 100
120 25.0 12.4 37.2





#80
 1,3,5-Trimethylbenzene
 Concen: 1.234 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077977.D
 Acq: 19 Dec 2023 16:39

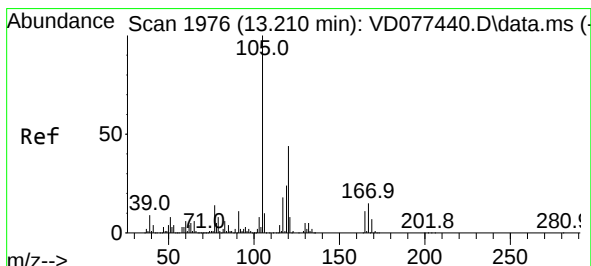
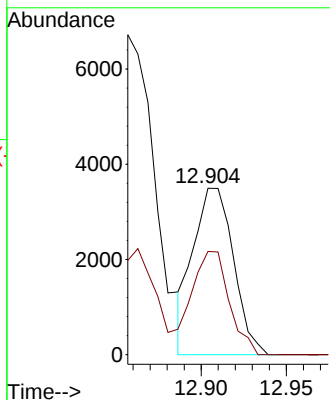
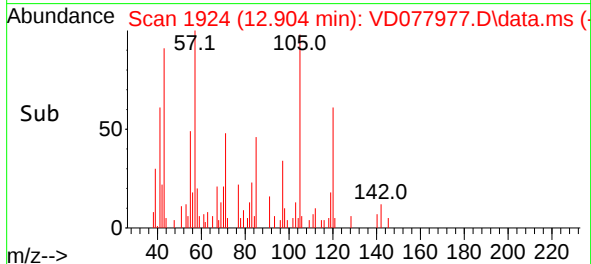
Instrument :
 MSVOA_D
 ClientSampleId :
 AUD-1299



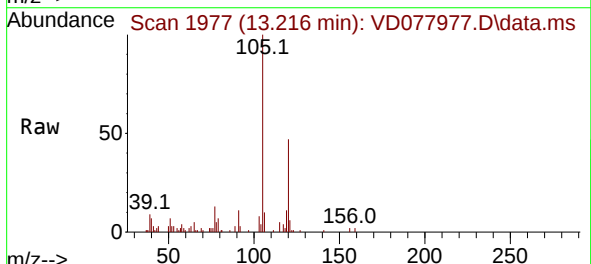
Tgt Ion:105 Resp: 5754
 Ion Ratio Lower Upper
 105 100
 120 59.4 26.4 79.2

Manual Integrations
 APPROVED

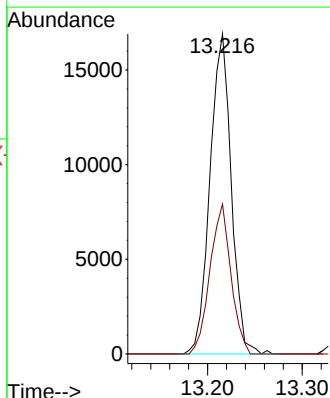
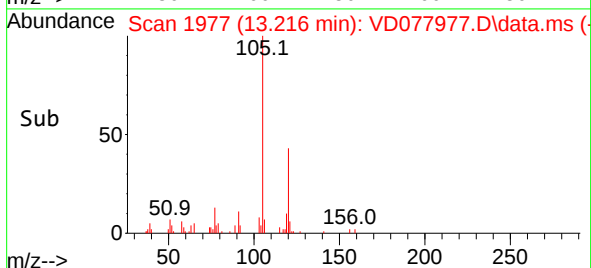
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

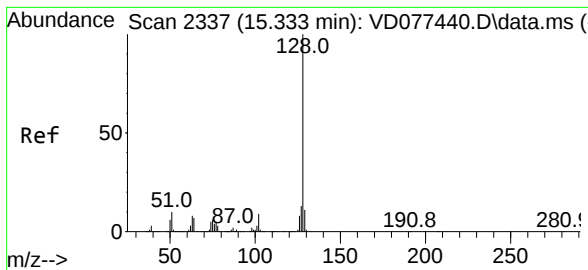


#84
 1,2,4-Trimethylbenzene
 Concen: 5.639 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD077977.D
 Acq: 19 Dec 2023 16:39



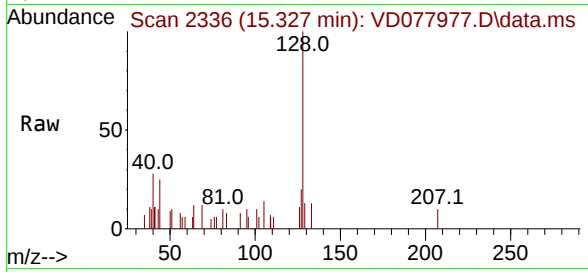
Tgt Ion:105 Resp: 26306
 Ion Ratio Lower Upper
 105 100
 120 46.2 24.3 72.9





#95
Naphthalene
Concen: 2.018 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077977.D
Acq: 19 Dec 2023 16:39

Instrument : MSVOA_D
ClientSampleId : AUD-1299



Tgt Ion:128 Resp: 5239

Ion	Ratio	Lower	Upper
128	100		
127	20.3	10.5	15.7
129	13.5	8.7	13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

