

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077135.D
 Acq On : 18 Sep 2023 17:44
 Operator : JC/SY
 Sample : 04436-07
 Misc : 2.34G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT103-02(6-6.5)

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/19/2023
 Supervised By : Mahesh Dadoda 09/19/2023

Quant Time: Sep 19 04:58:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	108993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	264945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	258393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65146	59.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.460%
35) Dibromofluoromethane	7.805	113	95936	52.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.269	98	322290	49.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.400%
62) 4-Bromofluorobenzene	12.575	95	85435	42.081	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.160%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.599	74	825	1.270	ug/l	100
16) Acetone	4.028	43	9094m	36.173	ug/l	
17) Carbon Disulfide	4.269	76	264122	63.279	ug/l	97
20) Methylene Chloride	4.805	84	30625	14.324	ug/l #	90
52) Toluene	10.334	92	8639	1.575	ug/l	96

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

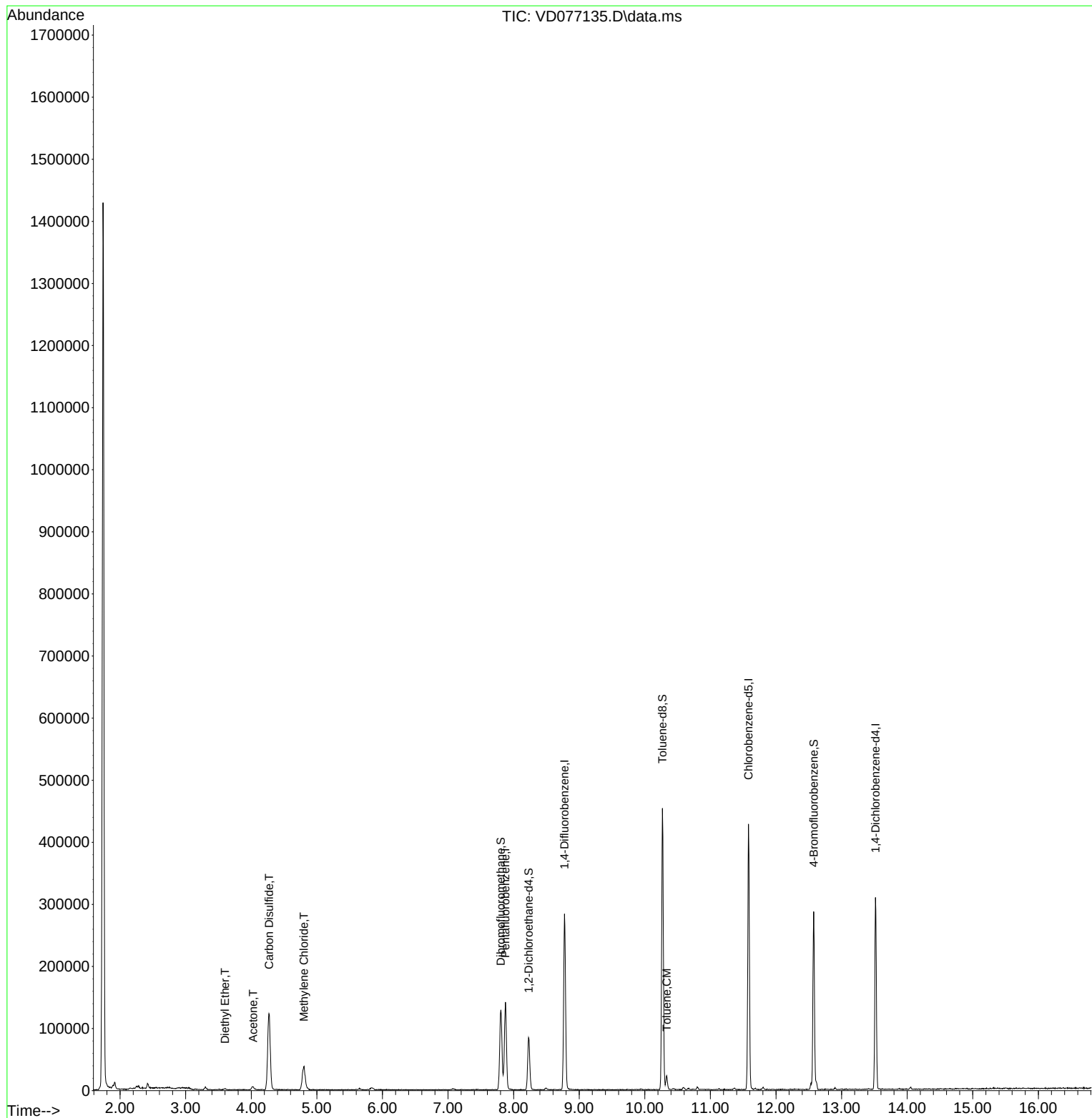
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
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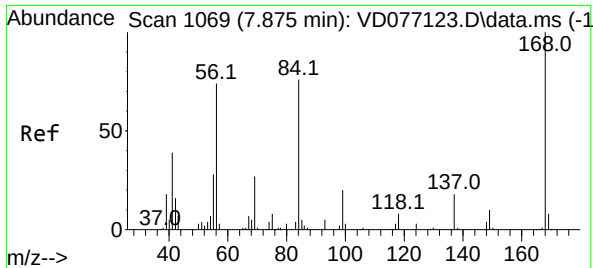
Instrument :
MSVOA_D
ClientSampleId :
CPT103-02(6-6.5)

Quant Time: Sep 19 04:58:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

Manual Integrations
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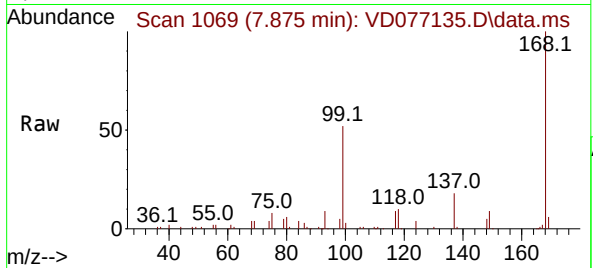
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

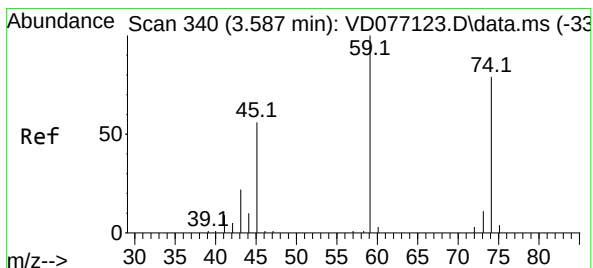
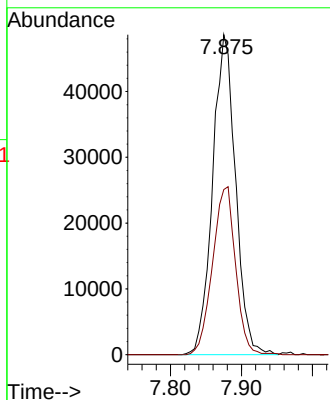
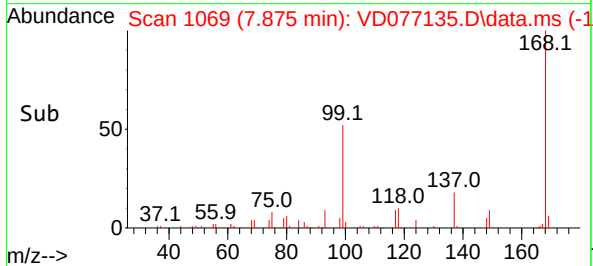
Instrument :
MSVOA_D
ClientSampleId :
CPT103-02(6-6.5)



Tgt Ion:168 Resp: 10899
Ion Ratio Lower Upper
168 100
99 51.6 36.7 55.1

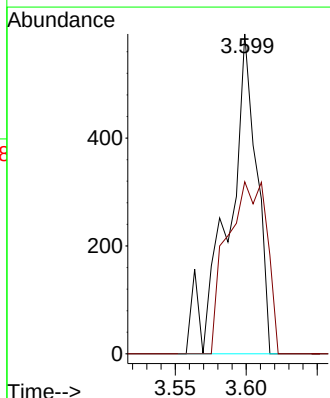
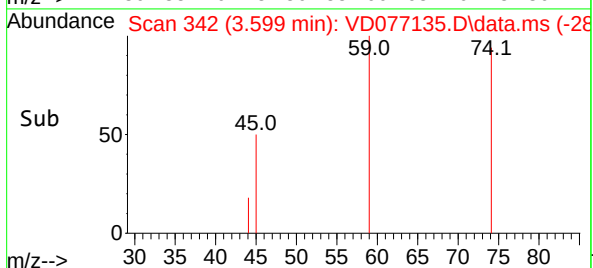
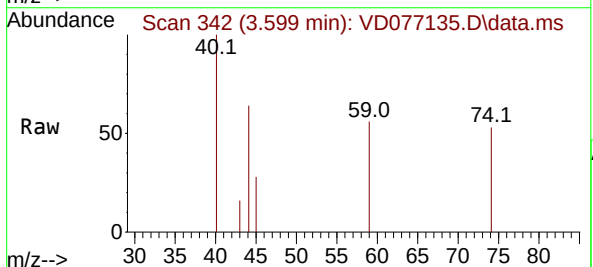
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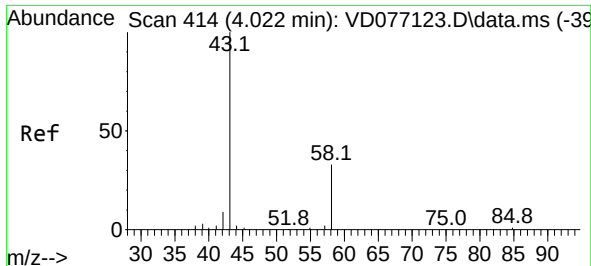
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#8
Diethyl Ether
Concen: 1.270 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.012 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

Tgt Ion: 74 Resp: 825
Ion Ratio Lower Upper
74 100
45 75.3 37.5 112.7





#16

Acetone

Concen: 36.173 ug/l m

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077135.D

Acq: 18 Sep 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

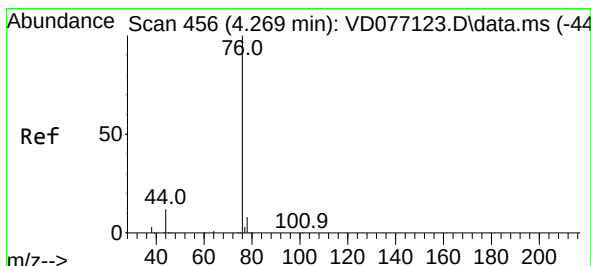
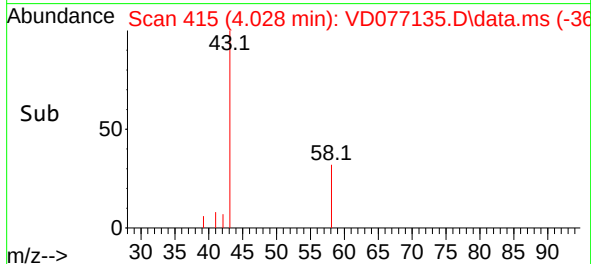
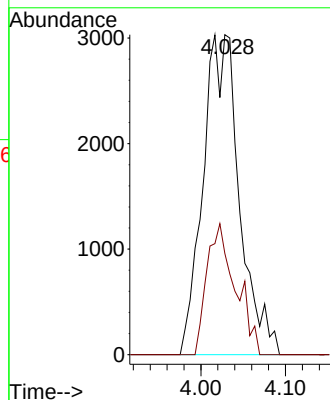
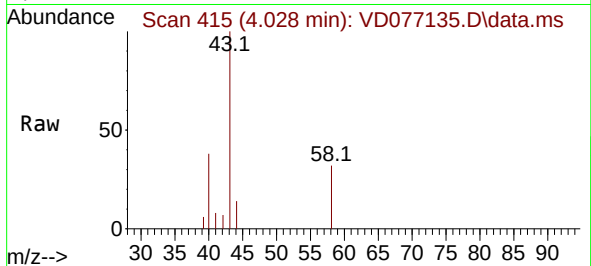
CPT103-02(6-6.5)

Tgt Ion: 43 Resp: 9094
 Ion Ratio Lower Upper
 43 100
 58 31.7 34.7 52.1

Manual Integrations

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#17

Carbon Disulfide

Concen: 63.279 ug/l

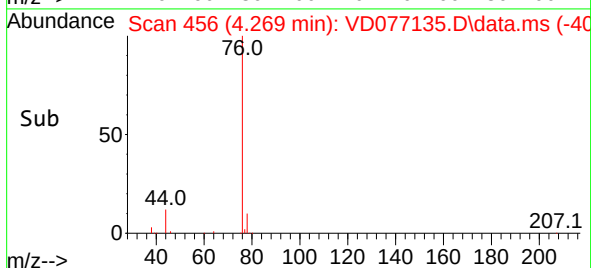
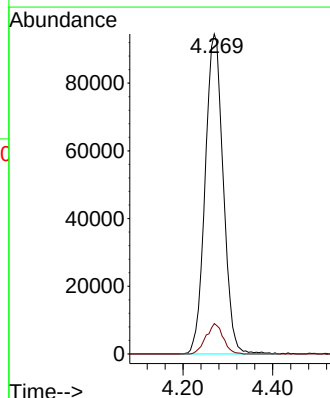
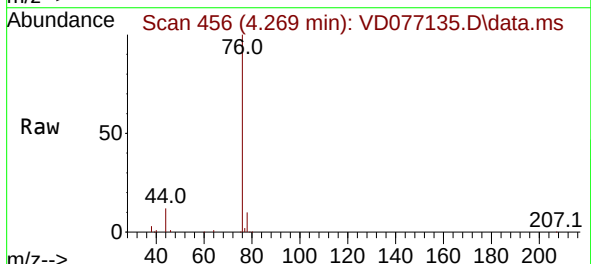
RT: 4.269 min Scan# 456

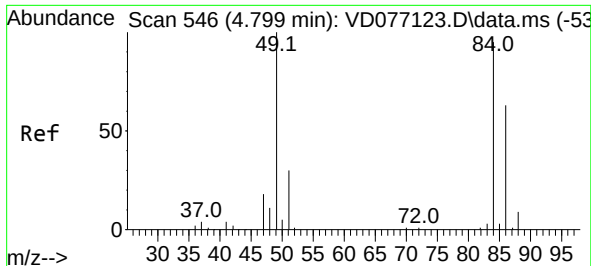
Delta R.T. 0.000 min

Lab File: VD077135.D

Acq: 18 Sep 2023 17:44

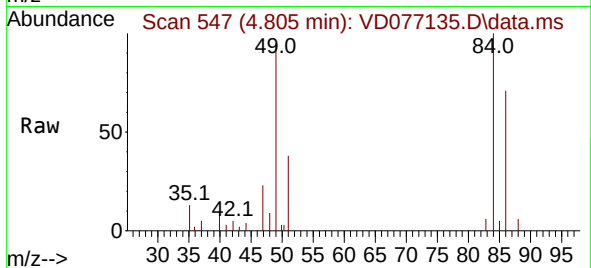
Tgt Ion: 76 Resp: 264122
 Ion Ratio Lower Upper
 76 100
 78 9.5 6.8 10.2





#20
Methylene Chloride
Concen: 14.324 ug/l
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

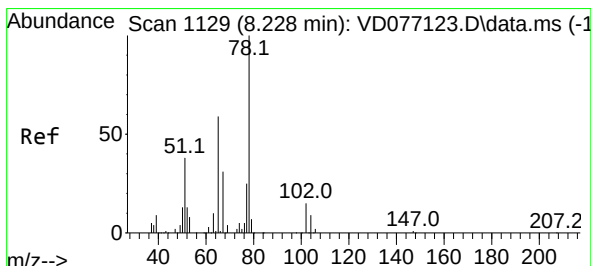
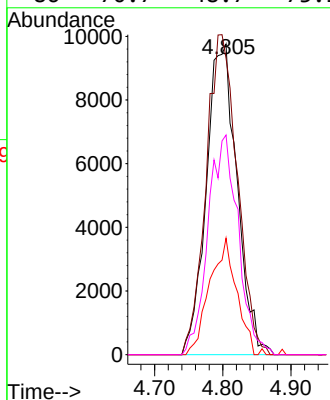
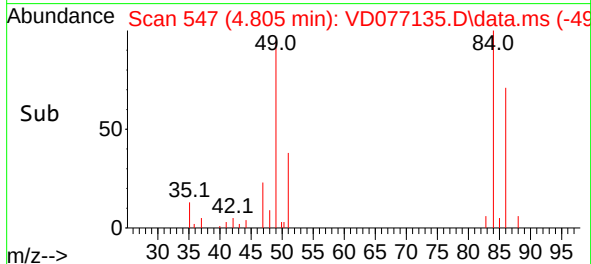
Instrument :
MSVOA_D
ClientSampleId :
CPT103-02(6-6.5)



Tgt Ion: 84 Resp: 30625
Ion Ratio Lower Upper
84 100
49 95.4 71.4 107.2
51 37.5 24.5 36.7
86 70.7 48.7 73.1

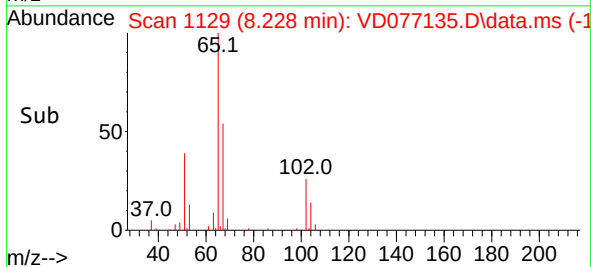
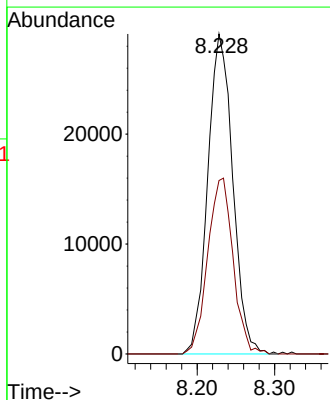
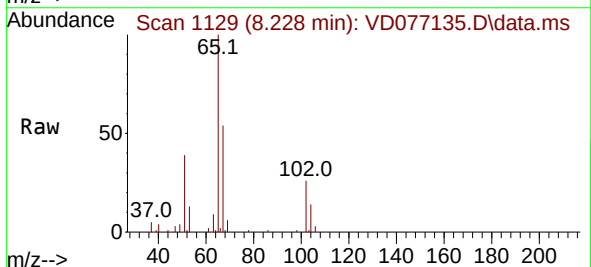
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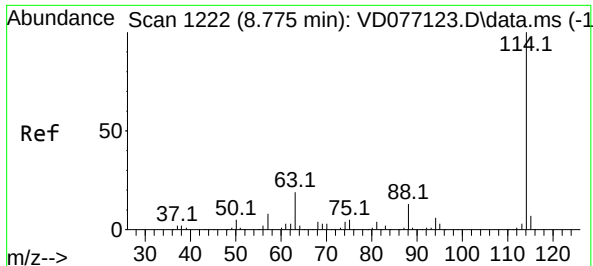
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#33
1,2-Dichloroethane-d4
Concen: 59.225 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

Tgt Ion: 65 Resp: 65146
Ion Ratio Lower Upper
65 100
67 55.8 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077135.D

Acq: 18 Sep 2023 17:44

Instrument :

MSVOA_D

ClientSampleId :

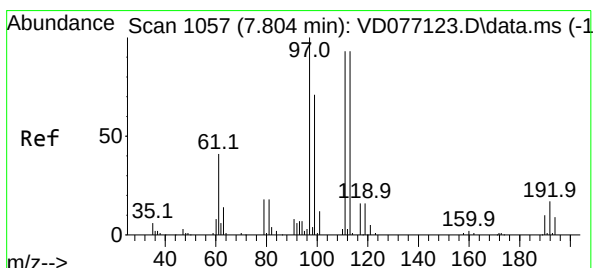
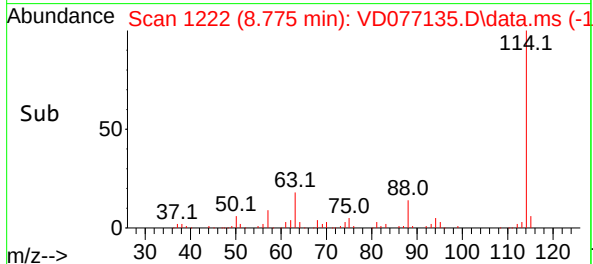
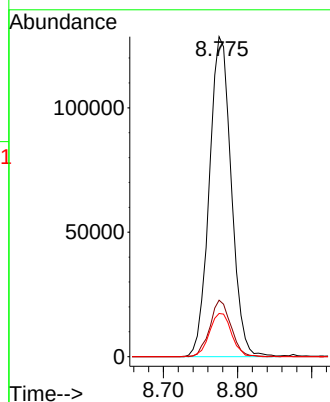
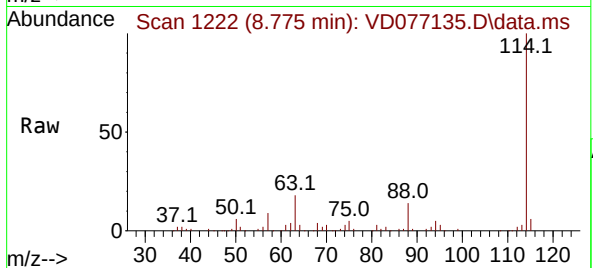
CPT103-02(6-6.5)

Tgt Ion:114	Resp: 26494
Ion Ratio	Lower Upper
114 100	
63 17.6	0.0 33.4
88 13.5	0.0 26.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#35

Dibromofluoromethane

Concen: 52.131 ug/l

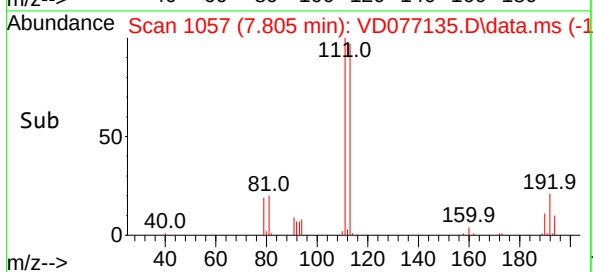
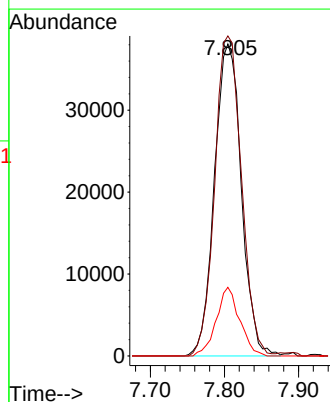
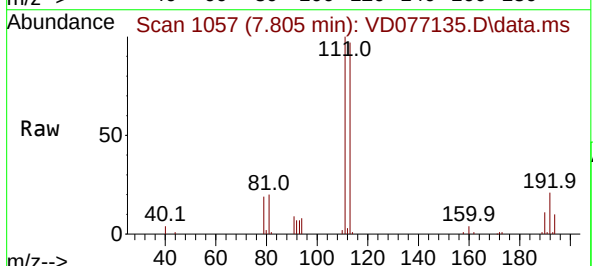
RT: 7.805 min Scan# 1057

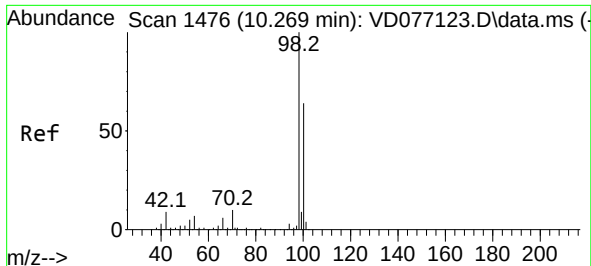
Delta R.T. 0.000 min

Lab File: VD077135.D

Acq: 18 Sep 2023 17:44

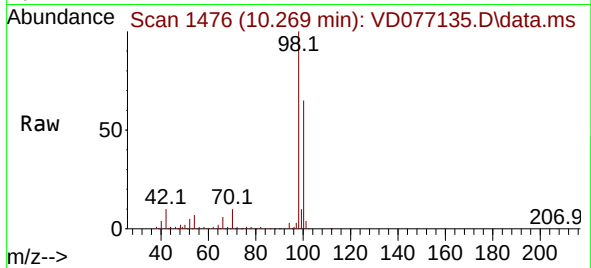
Tgt Ion:113	Resp: 95936
Ion Ratio	Lower Upper
113 100	
111 101.9	84.7 127.1
192 19.2	16.8 25.2





#50
Toluene-d8
Concen: 49.202 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

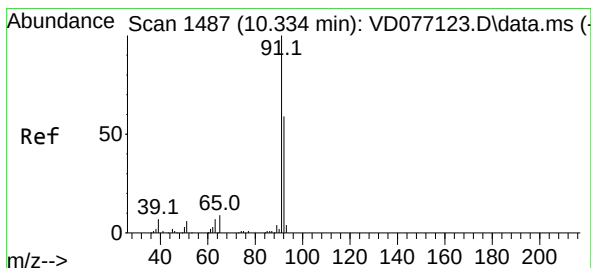
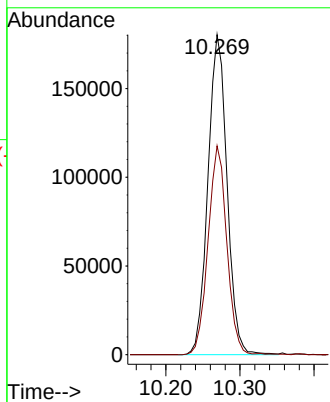
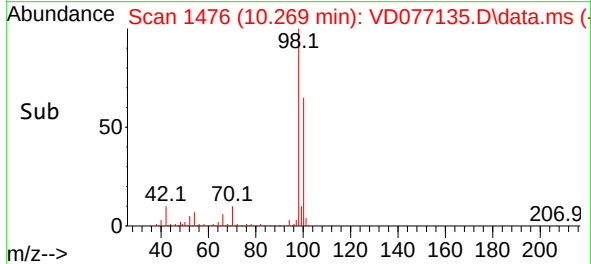
Instrument :
MSVOA_D
ClientSampleId :
CPT103-02(6-6.5)



Tgt Ion: 98 Resp: 322290
Ion Ratio Lower Upper
98 100
100 64.2 50.3 75.5

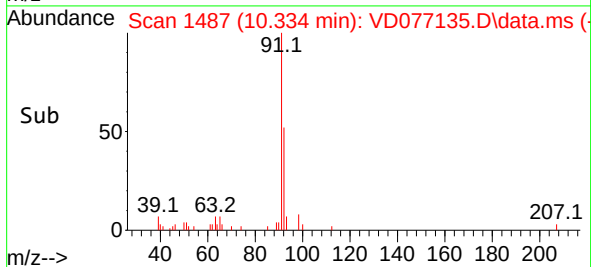
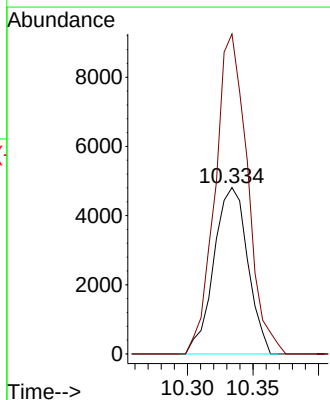
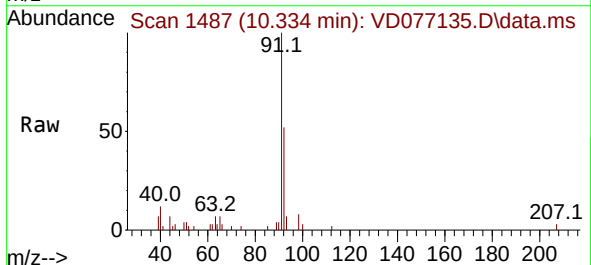
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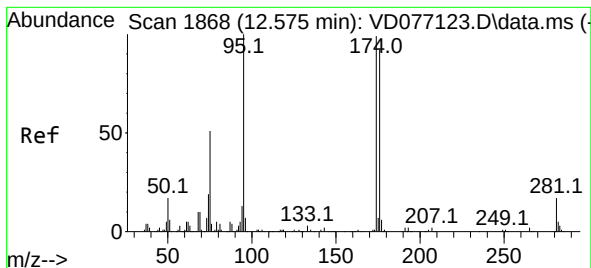
Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023



#52
Toluene
Concen: 1.575 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

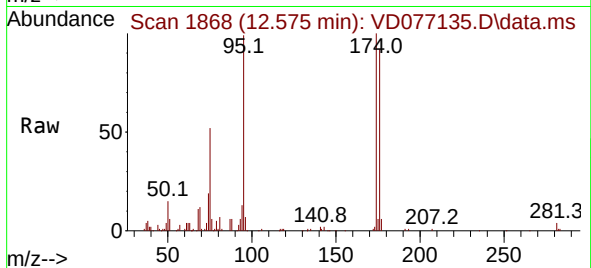
Tgt Ion: 92 Resp: 8639
Ion Ratio Lower Upper
92 100
91 183.7 143.0 214.4





#62
4-Bromofluorobenzene
Concen: 42.081 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44

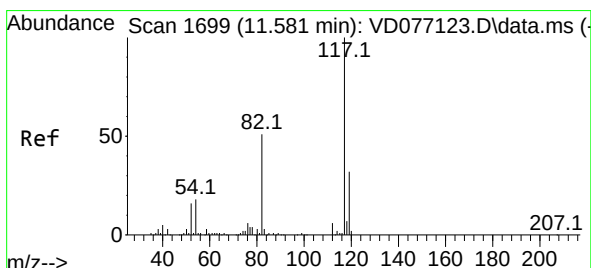
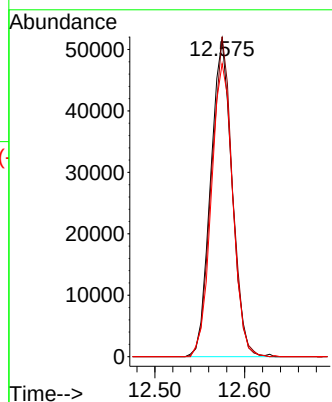
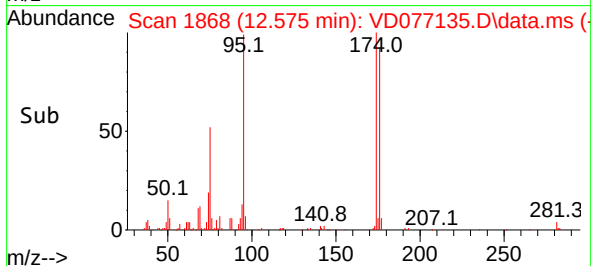
Instrument :
MSVOA_D
ClientSampleId :
CPT103-02(6-6.5)



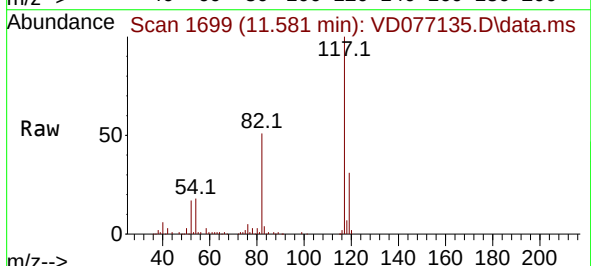
Tgt Ion: 95 Resp: 85438
Ion Ratio Lower Upper
95 100
174 98.6 0.0 201.8
176 92.6 0.0 191.8

Manual Integrations
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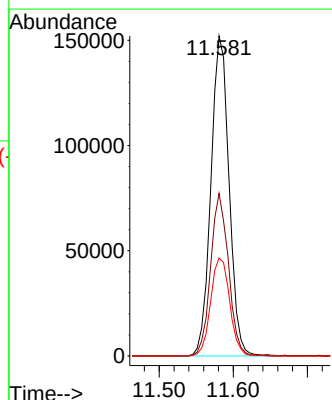
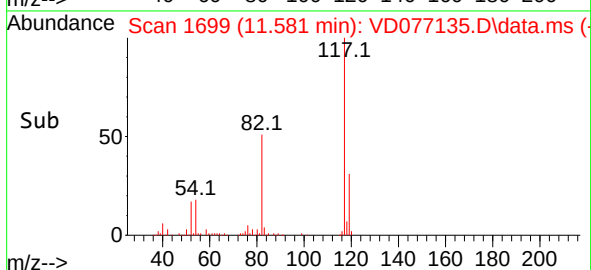
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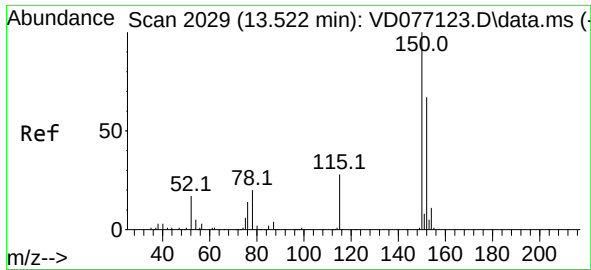


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077135.D
Acq: 18 Sep 2023 17:44



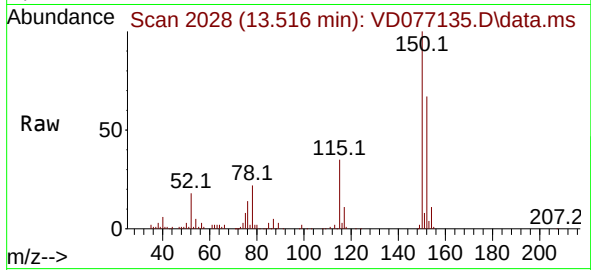
Tgt Ion:117 Resp: 258393
Ion Ratio Lower Upper
117 100
82 50.8 38.3 57.5
119 30.6 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077135.D
 Acq: 18 Sep 2023 17:44

Instrument :
 MSVOA_D
 ClientSampleId :
 CPT103-02(6-6.5)



Tgt Ion:152 Resp: 87810
 Ion Ratio Lower Upper
 152 100
 115 52.6 27.1 81.3
 150 154.7 0.0 353.6

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