

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
 Data File : VU045508.D
 Acq On : 01 Nov 2021 23:31
 Operator : SY/MD
 Sample : M4438-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 D20211101

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
 Supervised By :Semsettin Yesilyurt 11/09/2021

Quant Time: Nov 02 07:39:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U102821W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 11:09:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.379	168	191755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	379958	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	376676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	190815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	163650	52.421	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.840%			
35) Dibromofluoromethane	5.292	113	122088	50.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%			
50) Toluene-d8	7.899	98	491212	51.849	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.700%			
62) 4-Bromofluorobenzene	10.636	95	191553	53.060	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.120%			
Target Compounds						
					Qvalue	
16) Acetone	2.639	43	26447	18.661	ug/l	100
17) Carbon Disulfide	2.800	76	7707	1.209	ug/l	96
40) Benzene	5.777	78	6476	0.595	ug/l	96
51) 4-Methyl-2-Pentanone	7.793	43	4024	0.943	ug/l	88
56) Ethyl methacrylate	8.333	69	6754	2.962	ug/l	99
59) 2-Hexanone	8.687	43	2140m	0.647	ug/l	
83) tert-Butylbenzene	11.423	119	68031	6.510	ug/l	89

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

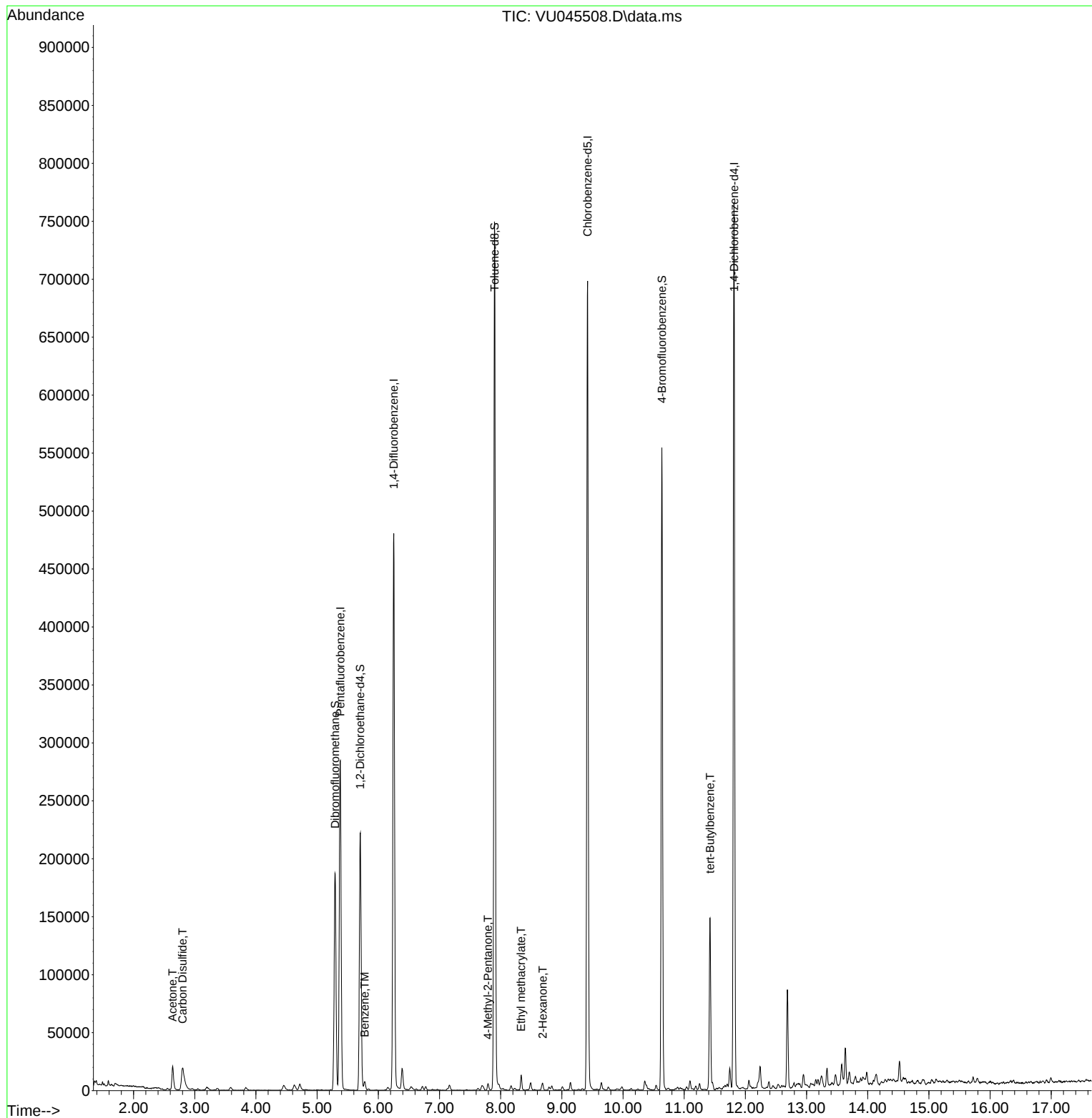
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110221\
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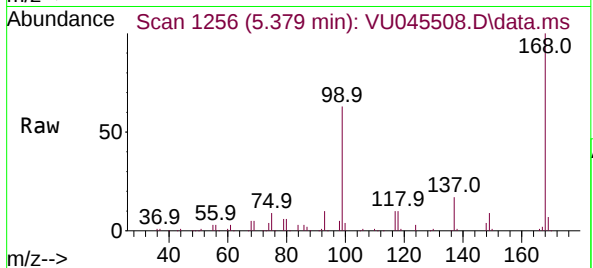
Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

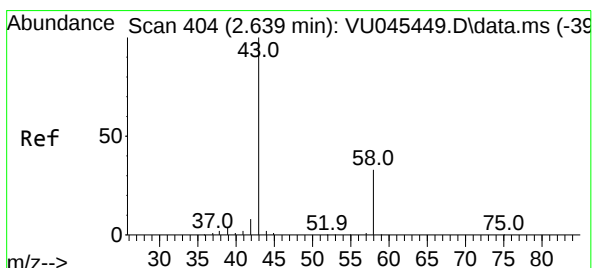
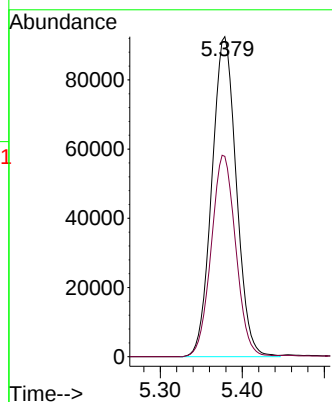
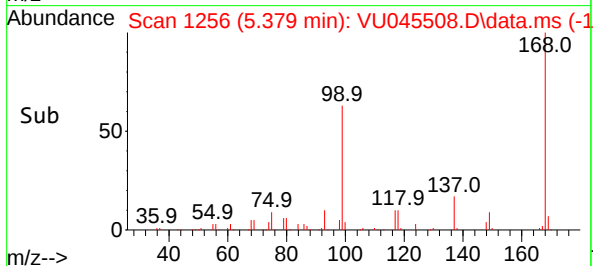
Instrument :
MSVOA_U
ClientSampleId :
D20211101



Tgt Ion:168 Resp: 19175
Ion Ratio Lower Upper
168 100
99 62.6 51.0 76.6

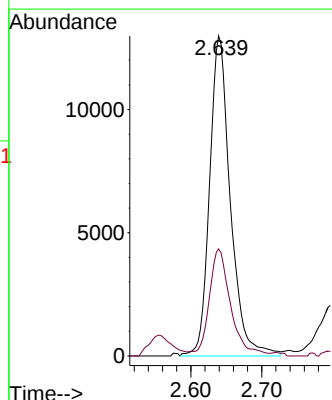
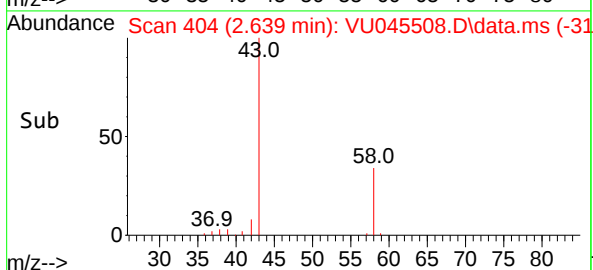
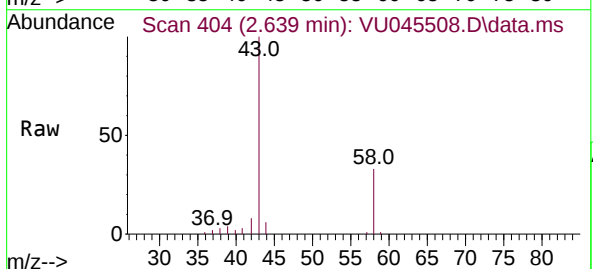
Manual Integrations
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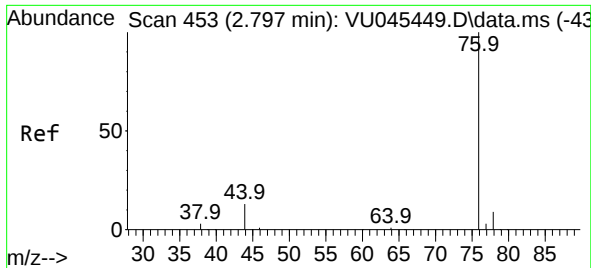
Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#16
Acetone
Concen: 18.661 ug/l
RT: 2.639 min Scan# 404
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

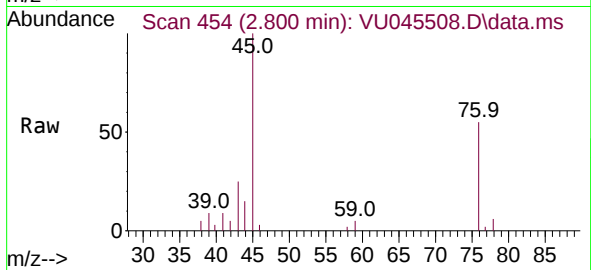
Tgt Ion: 43 Resp: 26447
Ion Ratio Lower Upper
43 100
58 32.6 26.2 39.2





#17
Carbon Disulfide
Concen: 1.209 ug/l
RT: 2.800 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

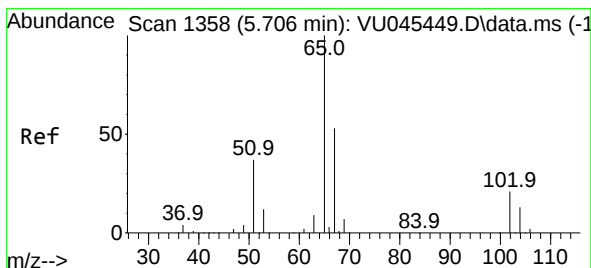
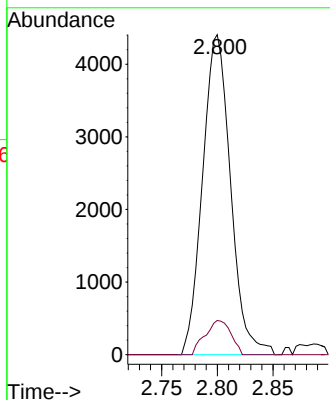
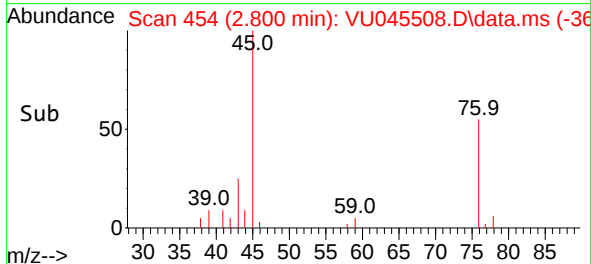
Instrument :
MSVOA_U
ClientSampleId :
D20211101



Tgt Ion: 76 Resp: 770
Ion Ratio Lower Upper
76 100
78 10.7 7.3 10.9

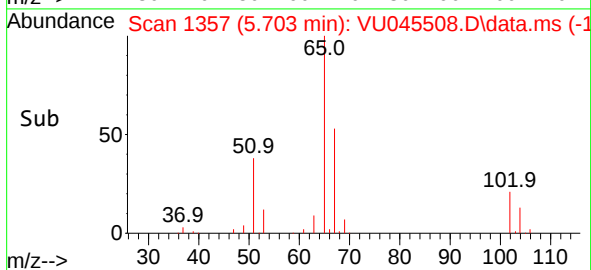
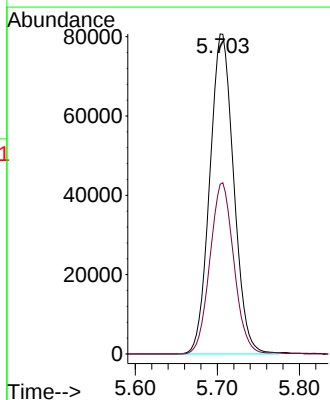
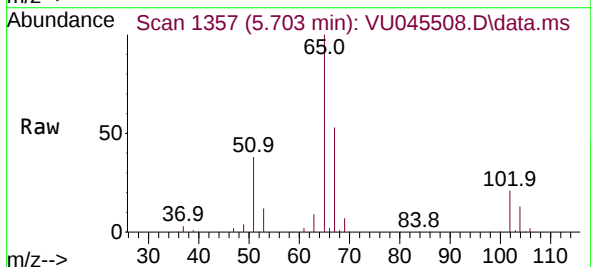
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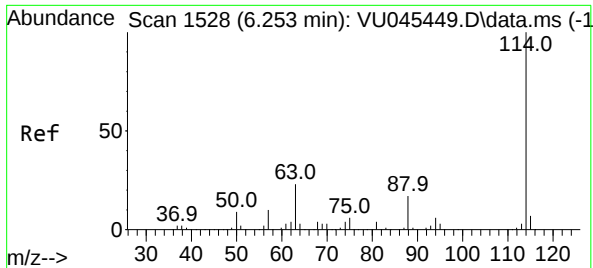
Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#33
1,2-Dichloroethane-d4
Concen: 52.421 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

Tgt Ion: 65 Resp: 163650
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.253 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045508.D

Acq: 01 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

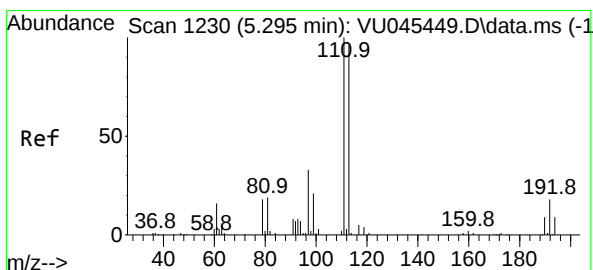
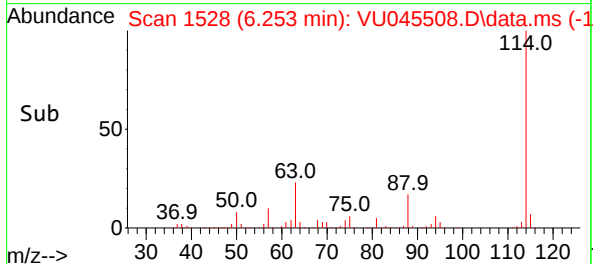
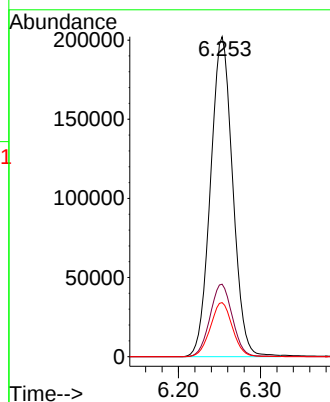
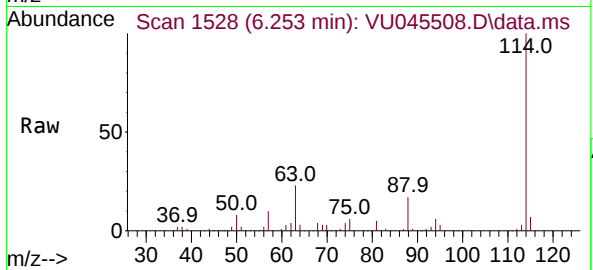
D20211101

Tgt Ion:114 Resp: 379958
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.9 0.0 33.8

Manual Integrations

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#35

Dibromofluoromethane

Concen: 50.534 ug/l

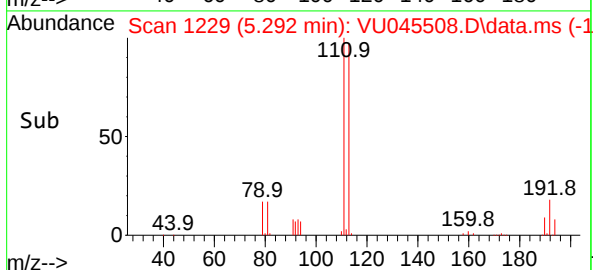
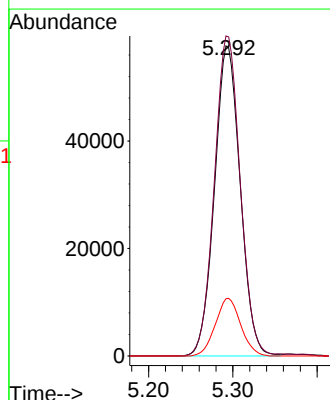
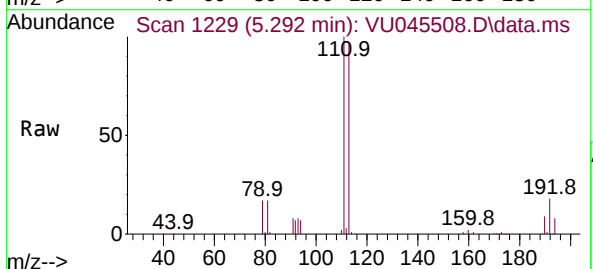
RT: 5.292 min Scan# 1229

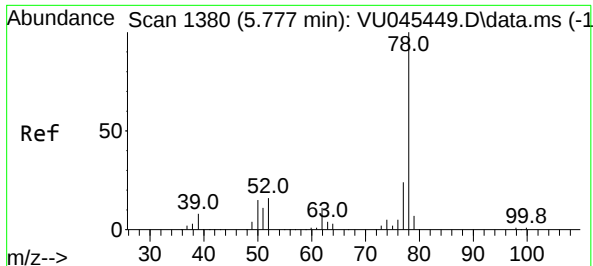
Delta R.T. -0.003 min

Lab File: VU045508.D

Acq: 01 Nov 2021 23:31

Tgt Ion:113 Resp: 122088
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.8 124.2
 192 18.4 14.8 22.2





#40

Benzene

Concen: 0.595 ug/l

RT: 5.777 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU045508.D

Acq: 01 Nov 2021 23:31

Instrument :

MSVOA_U

ClientSampleId :

D20211101

Tgt Ion: 78 Resp: 6470

Ion Ratio Lower Upper

78 100

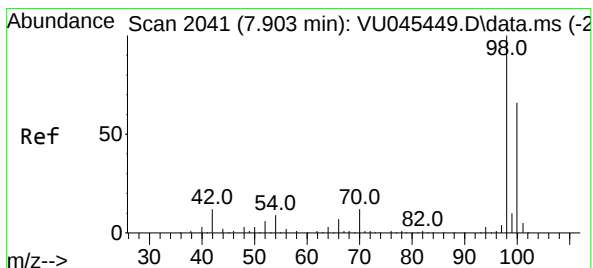
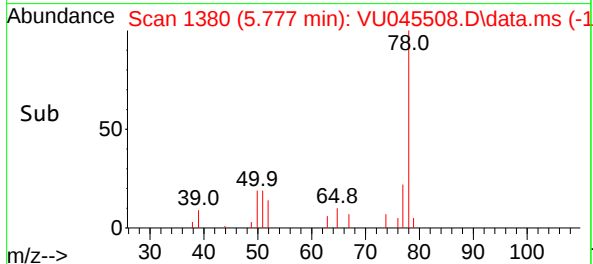
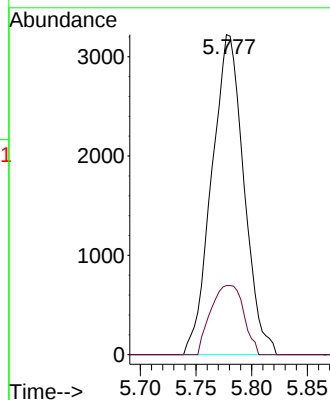
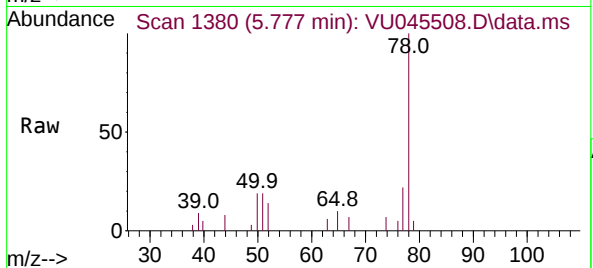
77 21.6 19.0 28.4

Manual Integrations

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#50

Toluene-d8

Concen: 51.849 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. -0.003 min

Lab File: VU045508.D

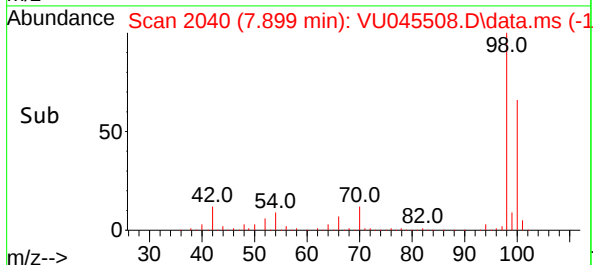
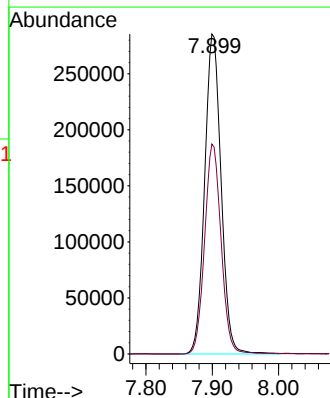
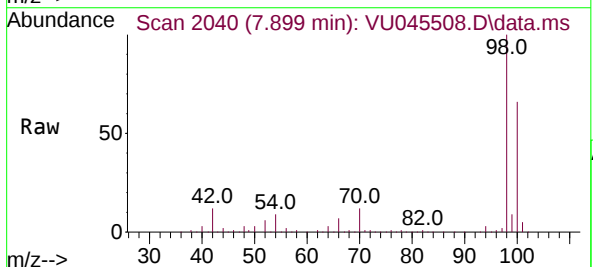
Acq: 01 Nov 2021 23:31

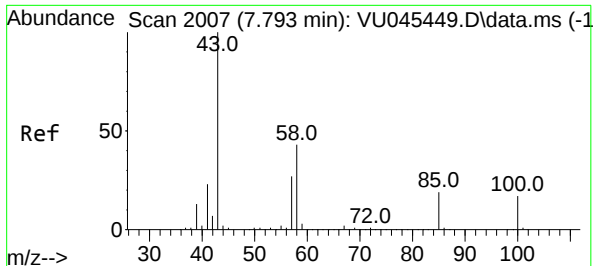
Tgt Ion: 98 Resp: 491212

Ion Ratio Lower Upper

98 100

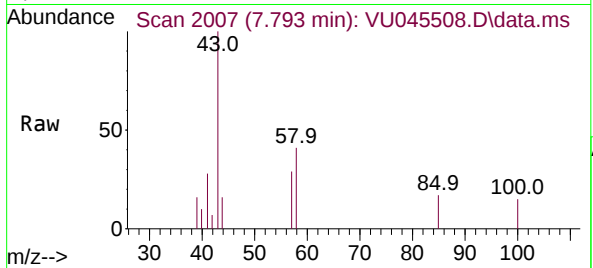
100 66.0 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 0.943 ug/l
RT: 7.793 min Scan# 2007
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

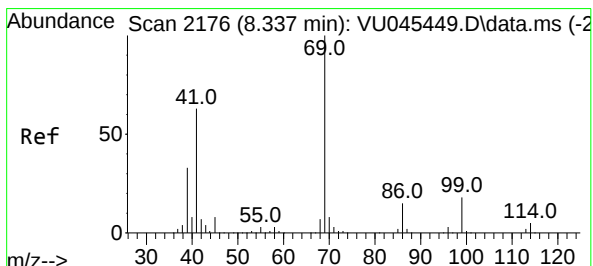
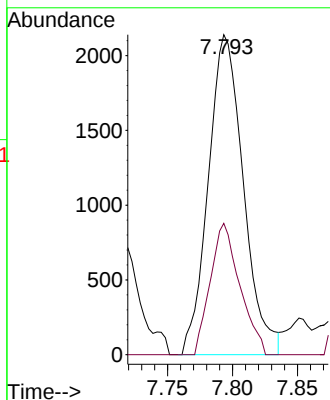
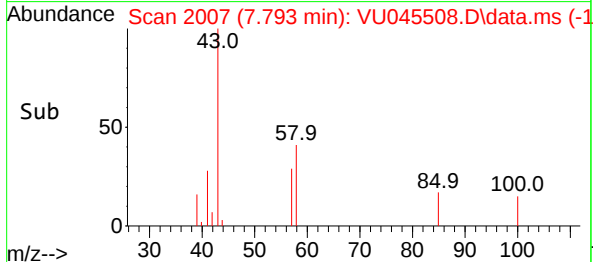
Instrument :
MSVOA_U
ClientSampleId :
D20211101



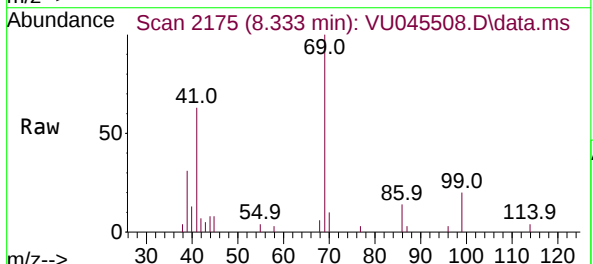
Tgt Ion: 43 Resp: 4024
Ion Ratio Lower Upper
43 100
58 34.6 33.8 50.8

Manual Integrations
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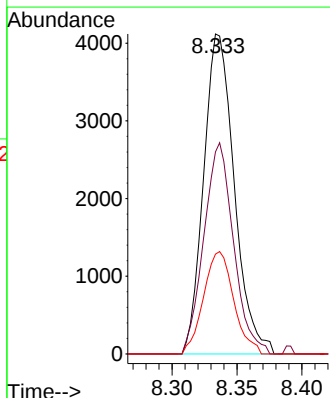
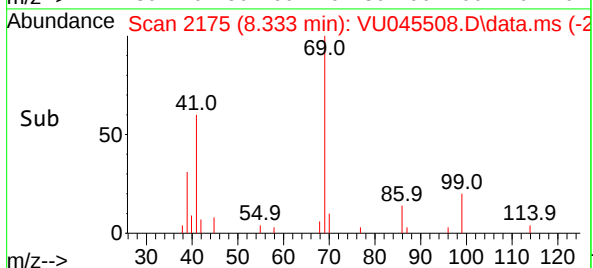
Reviewed By :Mahesh Dadoda 11/02/2021
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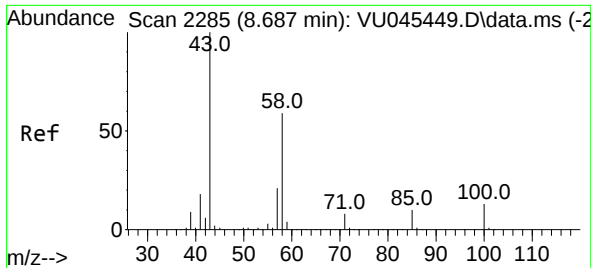


#56
Ethyl methacrylate
Concen: 2.962 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.004 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31



Tgt Ion: 69 Resp: 6754
Ion Ratio Lower Upper
69 100
41 64.0 51.0 76.4
39 31.5 26.6 39.8





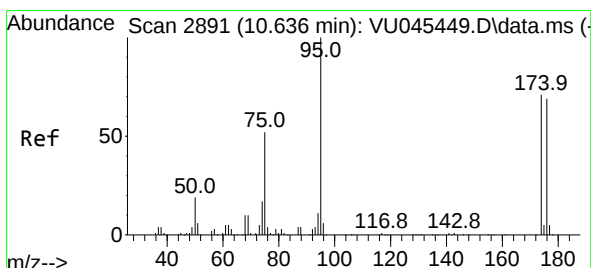
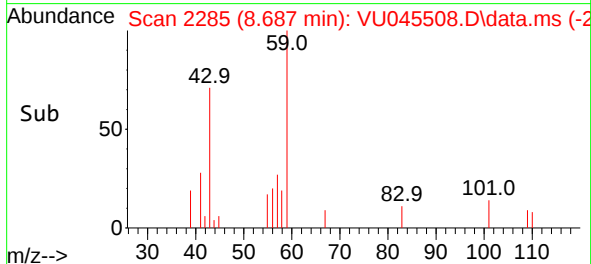
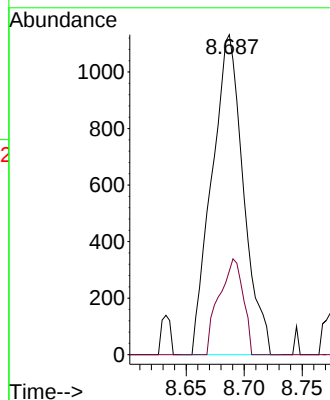
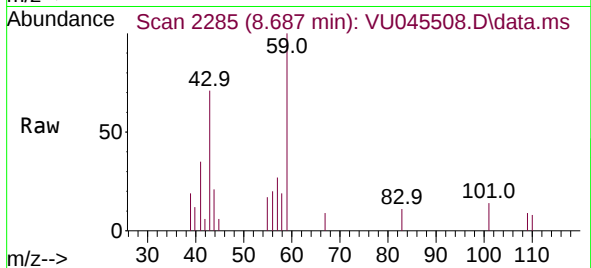
#59
2-Hexanone
Concen: 0.647 ug/l m
RT: 8.687 min Scan# 2140
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :
D20211101

Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 74.1 29.5 88.6

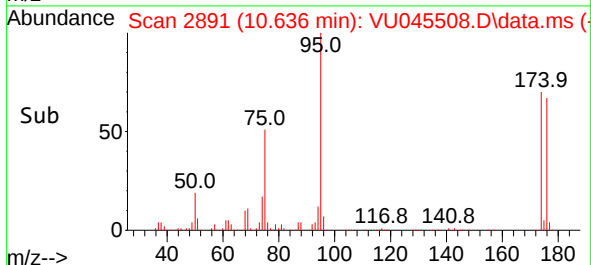
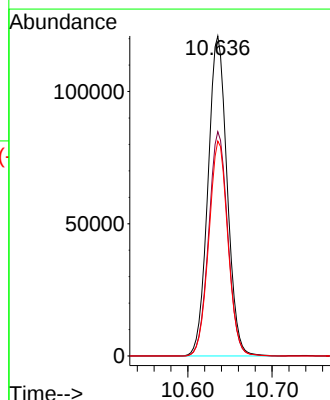
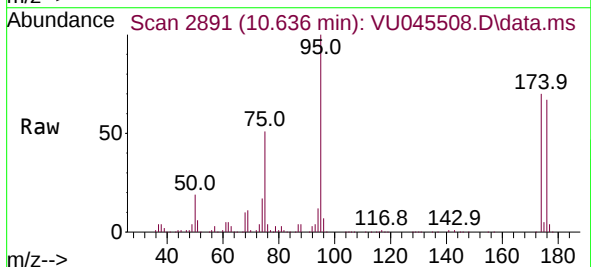
Manual Integrations
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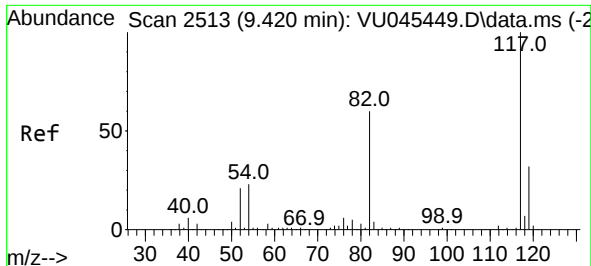
Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#62
4-Bromofluorobenzene
Concen: 53.060 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

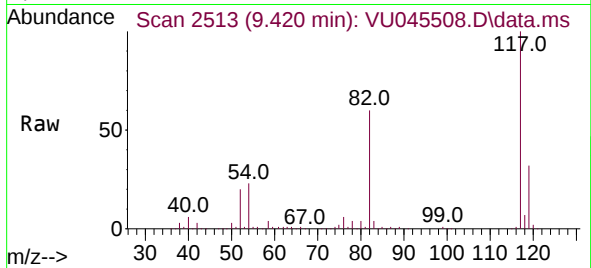
Tgt Ion: 95 Resp: 191553
Ion Ratio Lower Upper
95 100
174 70.0 0.0 141.8
176 66.9 0.0 138.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

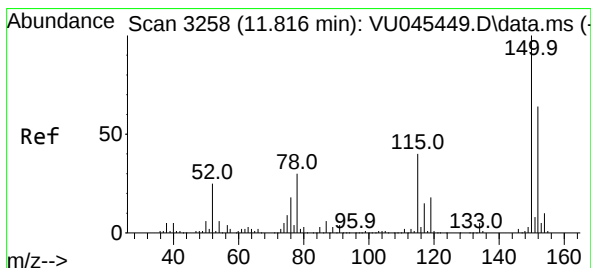
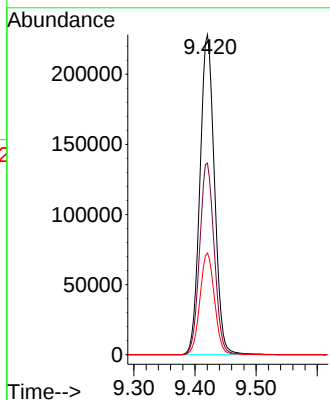
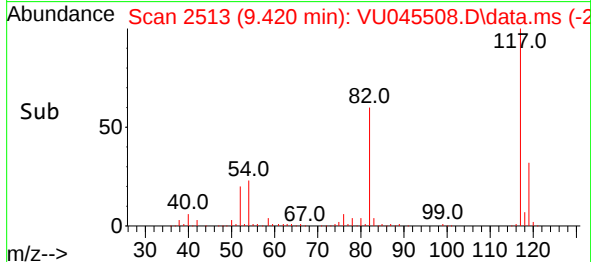
Instrument :
MSVOA_U
ClientSampleId :
D20211101



Tgt Ion:117 Resp: 376670
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 31.7 25.8 38.8

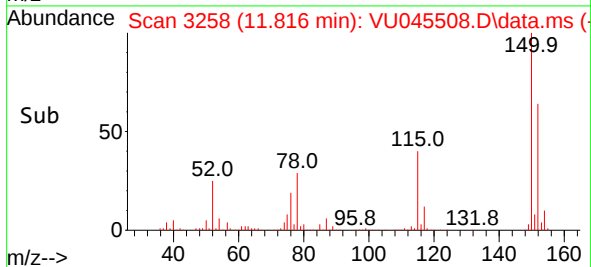
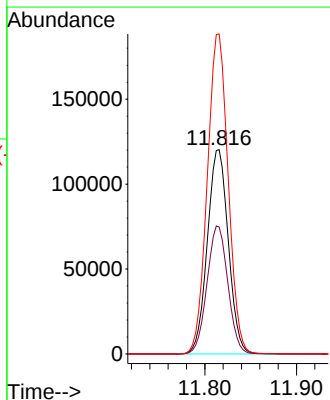
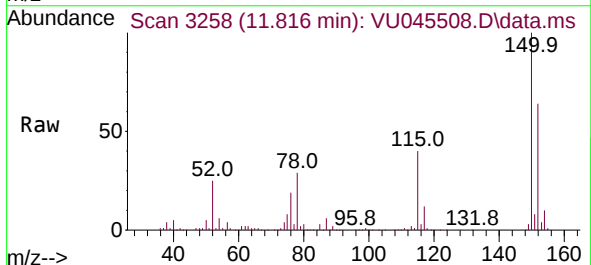
Manual Integrations
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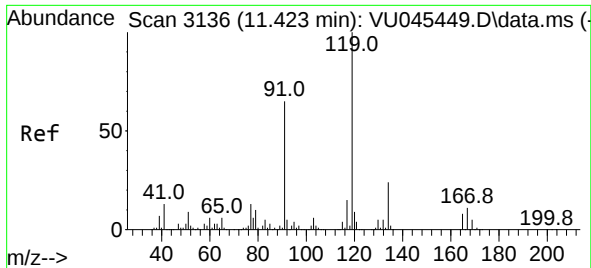
Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

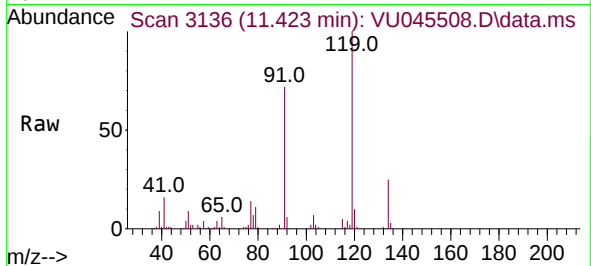
Tgt Ion:152 Resp: 190815
Ion Ratio Lower Upper
152 100
115 62.3 42.7 128.1
150 155.9 0.0 346.8





#83
tert-Butylbenzene
Concen: 6.510 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045508.D
Acq: 01 Nov 2021 23:31

Instrument :
MSVOA_U
ClientSampleId :
D20211101



Tgt Ion:119 Resp: 6803
Ion Ratio Lower Upper
119 100
91 71.1 30.5 91.5
134 24.9 11.5 34.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 11/02/2021
Supervised By :Semsettin Yesilyurt 11/09/2021

