

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060629.D
 Acq On : 05 Sep 2024 16:45
 Operator : MD/SY
 Sample : P3809-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YE3E4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
 Supervised By :Semsettin Yesilyurt 09/06/2024

Quant Time: Sep 06 02:07:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	122227	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132018	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27283	5.054	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.000%			
7) Chloroethane-d5	1.911	69	28444	3.478	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.600%			
11) 1,1-Dichloroethene-d2	2.563	65	12825	4.031	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 80.600%			
20) 2-Butanone-d5	4.637	46	77542	41.769	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.540%			
24) Chloroform-d	5.055	84	68146	4.428	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.600%			
26) 1,2-Dichloroethane-d4	5.698	65	34603	4.308	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.200%			
32) Benzene-d6	5.721	84	129256	4.477	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.600%			
36) 1,2-Dichloropropane-d6	6.685	67	42421	4.554	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.000%			
41) Toluene-d8	7.894	98	106117	3.918	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	8.177	79	13337	4.001	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.000%			
46) 2-Hexanone-d5	8.631	63	59714	37.419	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 74.840%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	36407	4.393	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	50025	4.593	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	7329	0.619	ug/L	90
13) Acetone	2.650	43	55643	35.820	ug/L	91
14) Carbon disulfide	2.792	76	17238	0.530	ug/L	98
16) Methylene chloride	3.042	84	2934	0.302	ug/L	92
17) Methyl tert-butyl Ether	3.361	73	335829	16.519	ug/L	96
19) 1,1-Dichloroethane	3.869	63	9843	0.557	ug/L	93
21) 2-Butanone	4.724	43	17871m	8.412	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	20194	2.078	ug/L	98
33) Benzene	5.769	78	73098	1.746	ug/L	100
35) Methylcyclohexane	6.756	83	3093	0.199	ug/L #	83
42) Toluene	7.965	91	5880	0.133	ug/L	98
51) Chlorobenzene	9.441	112	60748	2.121	ug/L	99
52) Ethylbenzene	9.569	91	8234	0.176	ug/L	94
54) o-Xylene	10.097	106	2639	0.148	ug/L	94
60) Isopropylbenzene	10.479	105	309605	6.274	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	49857	1.329	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	4275	0.174	ug/L #	87
67) 1,2-Dichlorobenzene	12.206	146	6244	0.276	ug/L	90

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 06 02:03:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

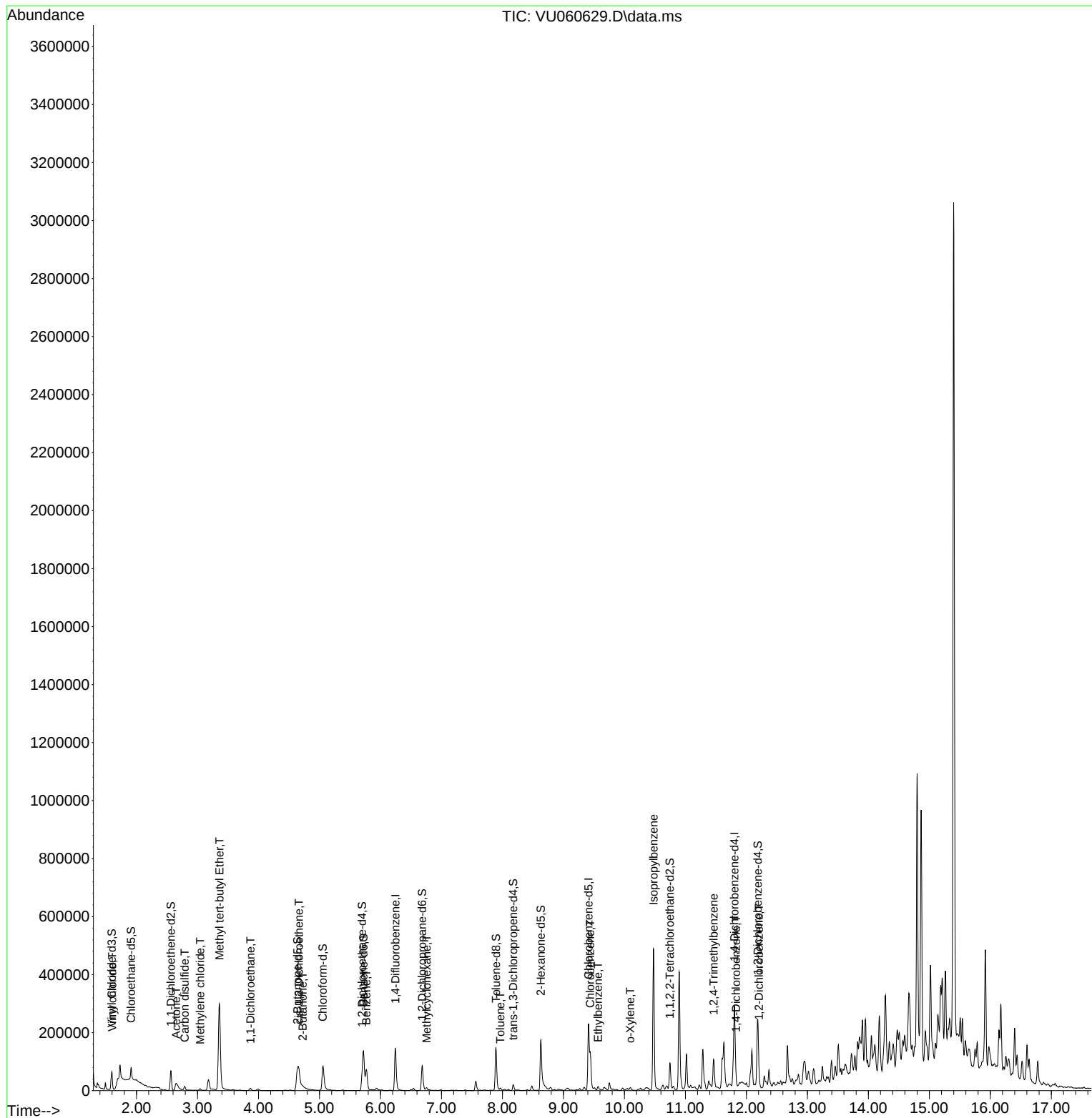
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
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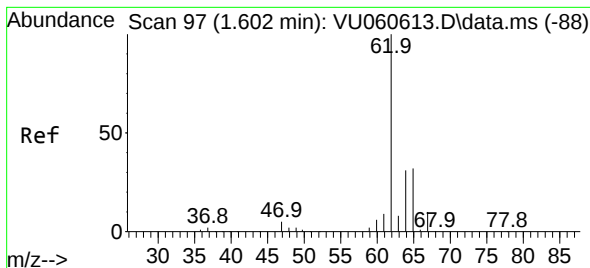
Instrument :
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Quant Time: Sep 06 02:07:13 2024
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#5

Vinyl chloride

Concen: 0.619 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060629.D

Acq: 05 Sep 2024 16:45

Instrument :

MSVOA_U

ClientSampleId :

YE3E4

Tgt Ion: 62 Resp: 7329

Ion Ratio Lower Upper

62 100

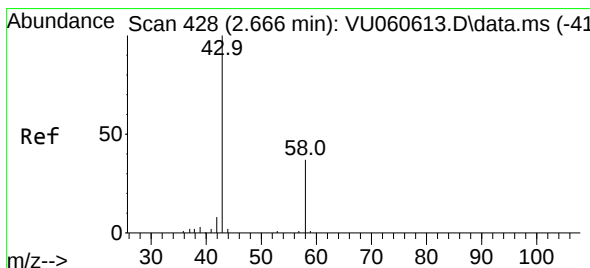
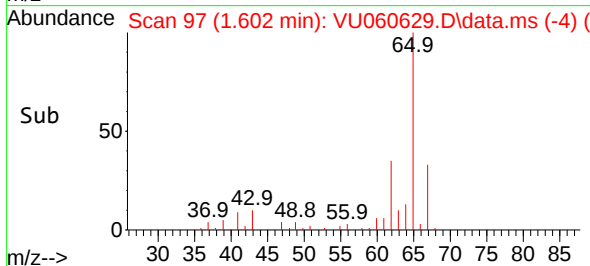
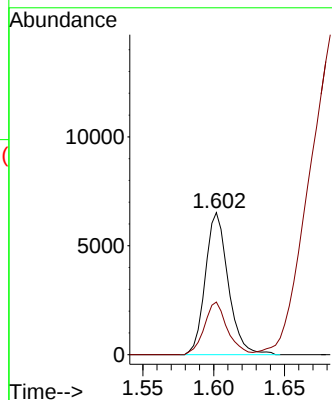
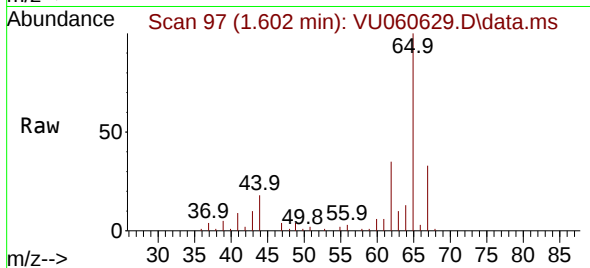
64 37.0 22.0 40.8

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#13

Acetone

Concen: 35.820 ug/L

RT: 2.650 min Scan# 423

Delta R.T. -0.016 min

Lab File: VU060629.D

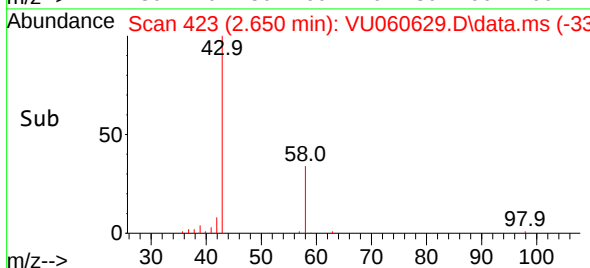
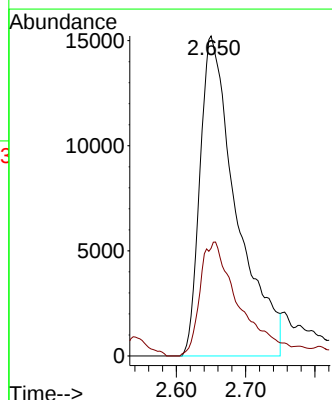
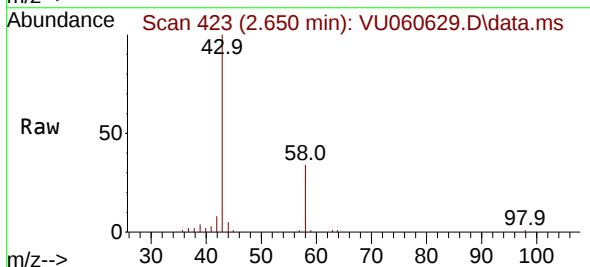
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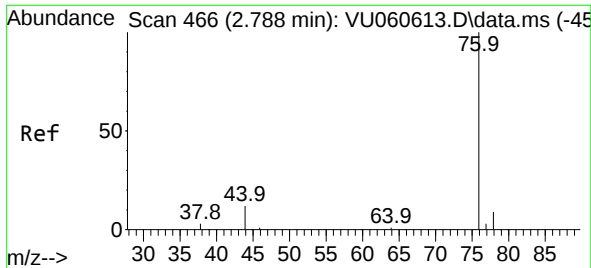
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Ion Ratio Lower Upper

43 100

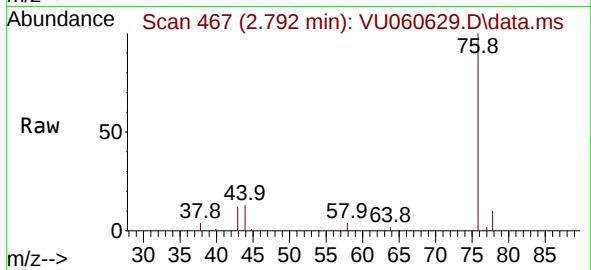
58 38.4 0.0 66.8





#14
Carbon disulfide
Concen: 0.530 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

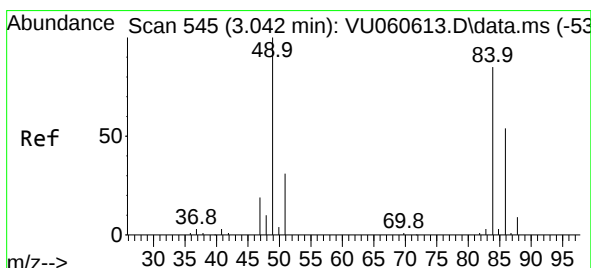
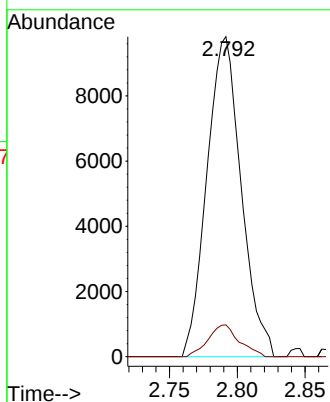
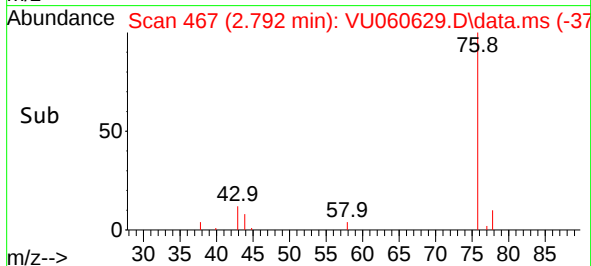
Instrument :
MSVOA_U
ClientSampleId :
YE3E4



Tgt Ion: 76 Resp: 17238
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2

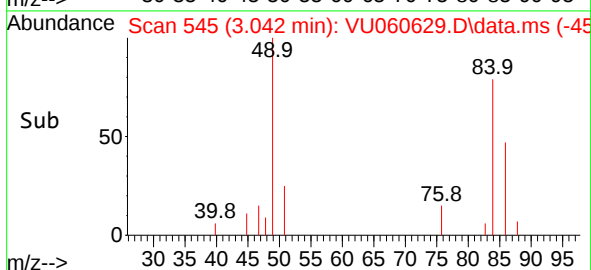
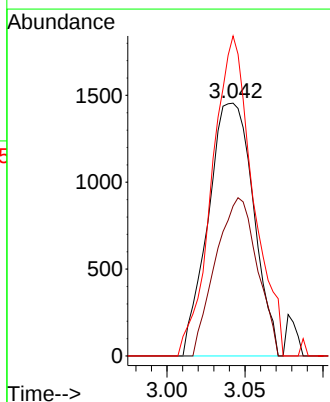
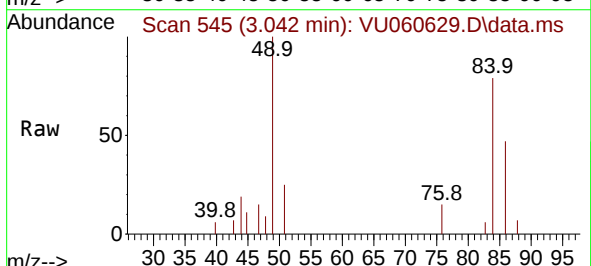
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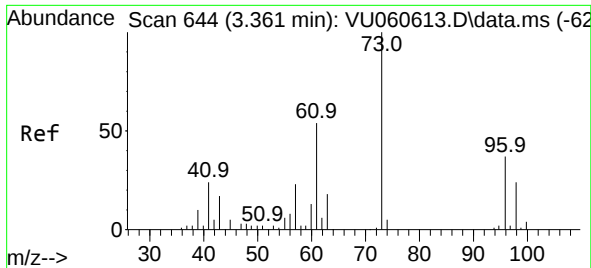
Reviewed By :Mahesh Dadoda 09/06/2024
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#16
Methylene chloride
Concen: 0.302 ug/L
RT: 3.042 min Scan# 545
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

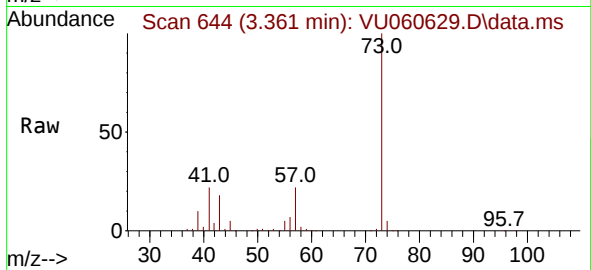
Tgt Ion: 84 Resp: 2934
Ion Ratio Lower Upper
84 100
86 59.3 47.5 88.3
49 126.6 94.4 175.2





#17
Methyl tert-butyl Ether
Concen: 16.519 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

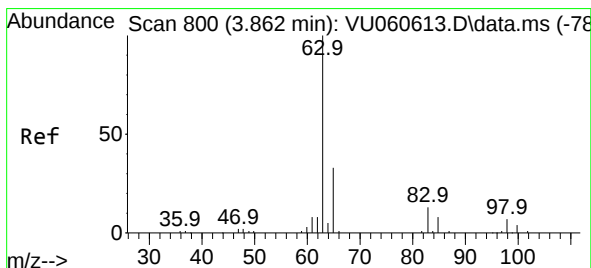
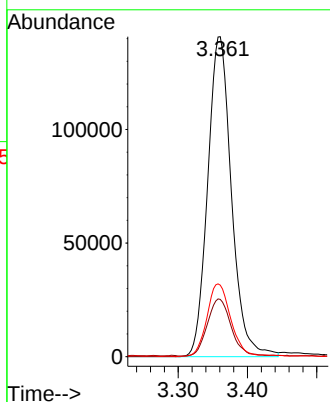
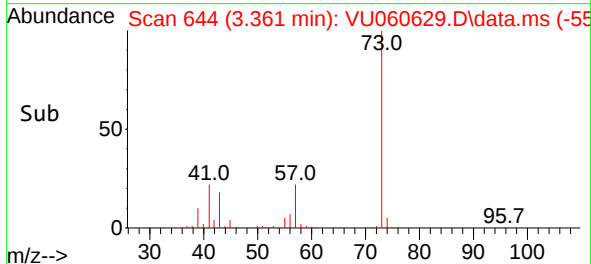
Instrument :
MSVOA_U
ClientSampleId :
YE3E4



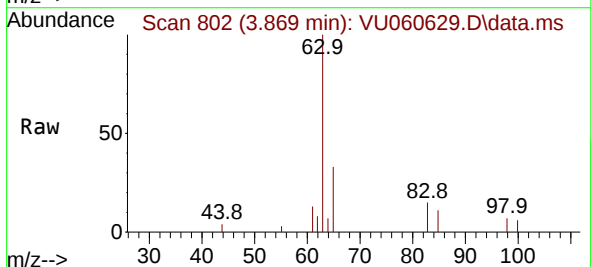
Tgt Ion: 73 Resp: 335829
Ion Ratio Lower Upper
73 100
43 17.8 15.8 23.6
57 22.7 16.8 25.2

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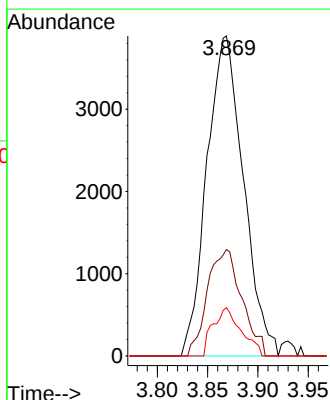
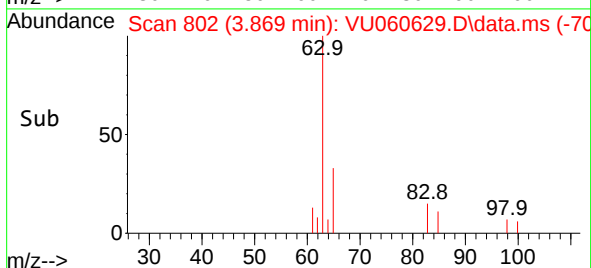
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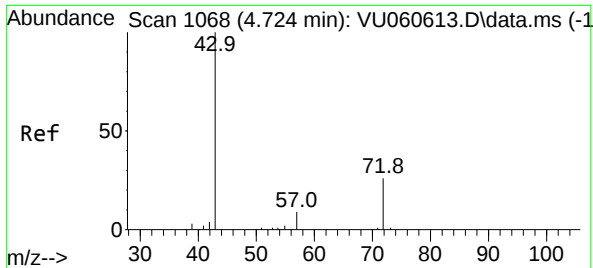


#19
1,1-Dichloroethane
Concen: 0.557 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.006 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45



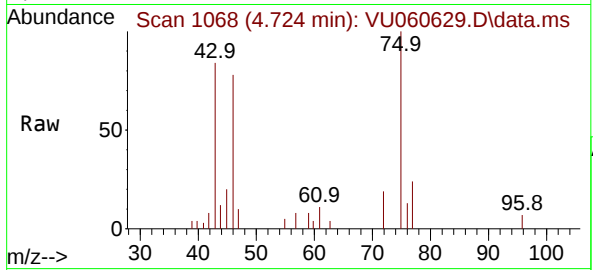
Tgt Ion: 63 Resp: 9843
Ion Ratio Lower Upper
63 100
65 33.2 20.5 38.1
83 15.1 9.2 17.2





#21
2-Butanone
Concen: 8.412 ug/L m
RT: 4.724 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

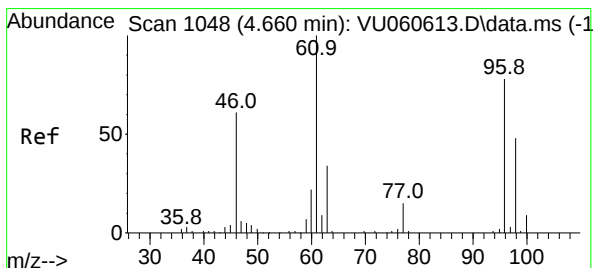
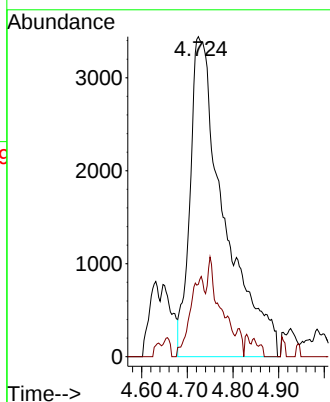
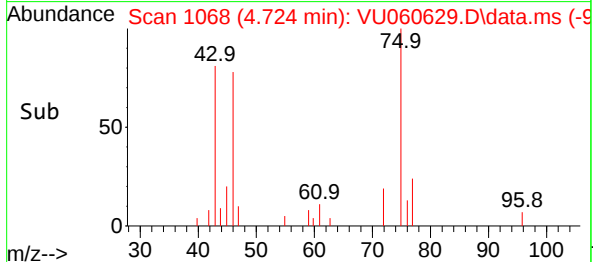
Instrument :
MSVOA_U
ClientSampleId :
YE3E4



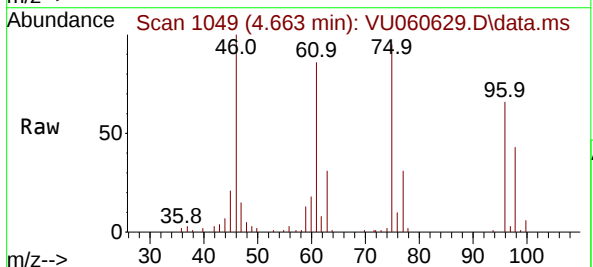
Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
72 10.9 14.0 42.0

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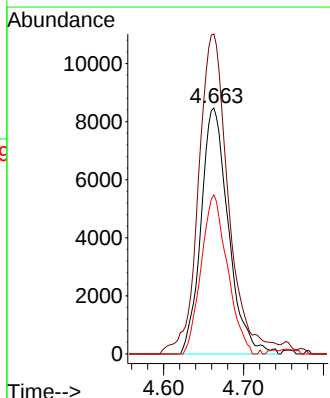
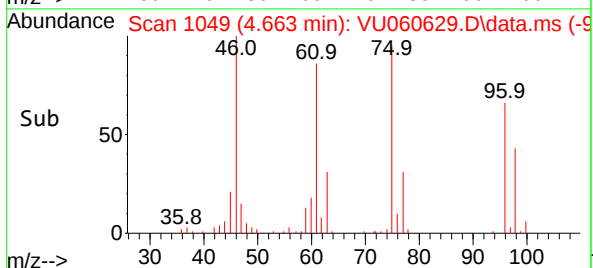
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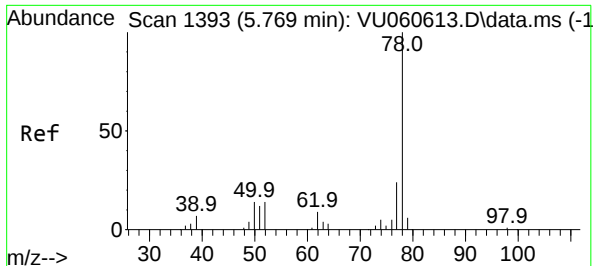


#22
cis-1,2-Dichloroethene
Concen: 2.078 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45



Tgt Ion: 96 Resp: 20194
Ion Ratio Lower Upper
96 100
61 130.1 92.9 172.5
98 64.7 45.0 83.6





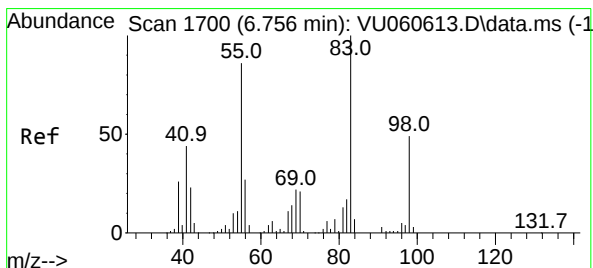
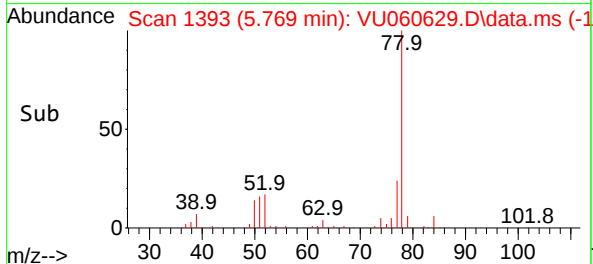
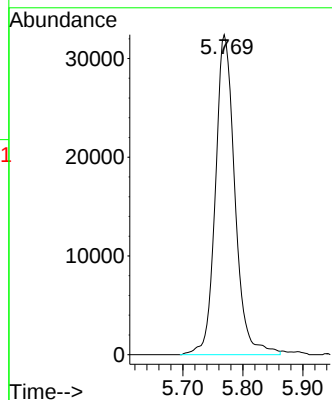
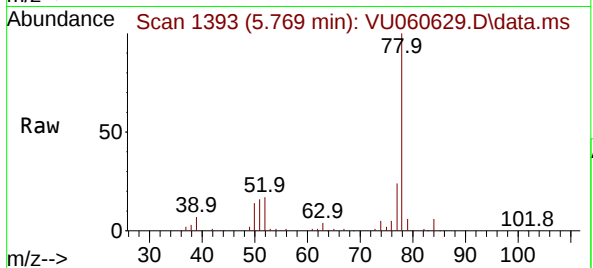
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Benzene
Concen: 1.746 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

Instrument :
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Tgt Ion: 78 Resp: 73098

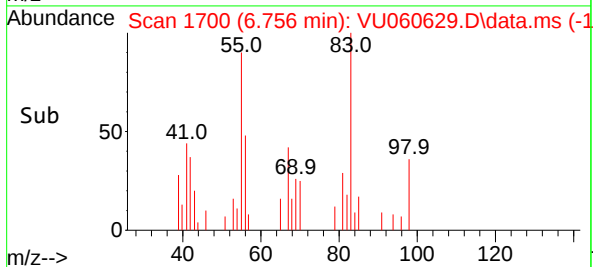
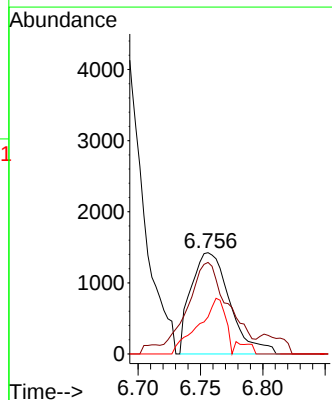
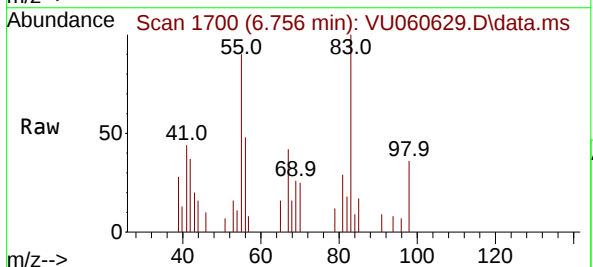
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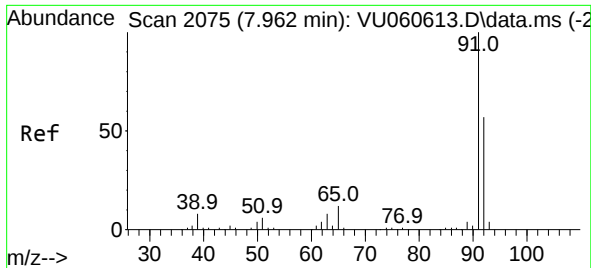
Reviewed By :Mahesh Dadoda 09/06/2024
Supervised By :Semsettin Yesilyurt 09/06/2024



#35
Methylcyclohexane
Concen: 0.199 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

Tgt Ion: 83 Resp: 3093
Ion Ratio Lower Upper
83 100
55 99.8 65.8 98.8#
98 39.7 37.8 56.8





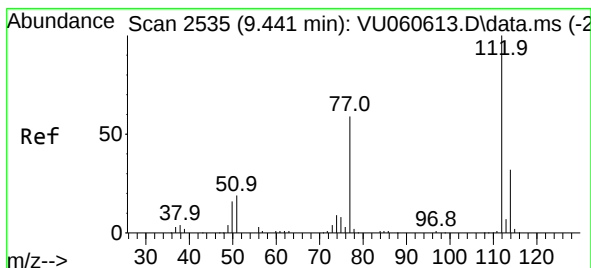
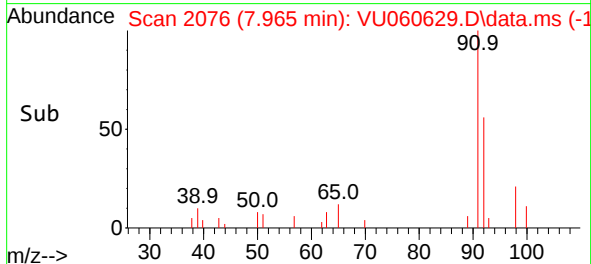
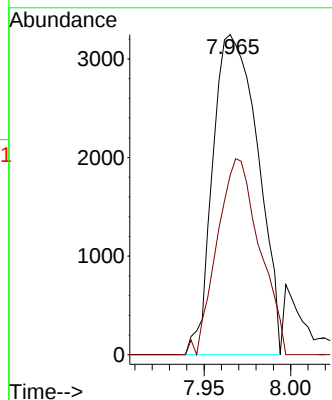
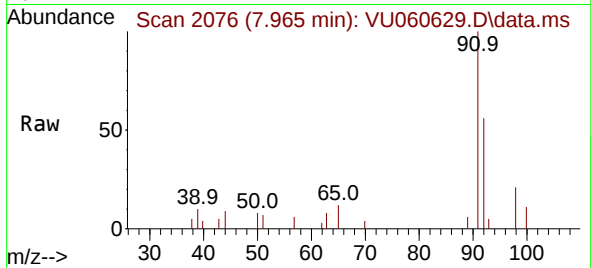
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Toluene
Concen: 0.133 ug/L
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Tgt Ion: 91 Resp: 5880
Ion Ratio Lower Upper
91 100
92 56.0 38.0 70.6

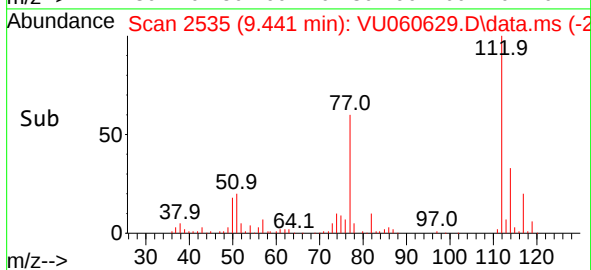
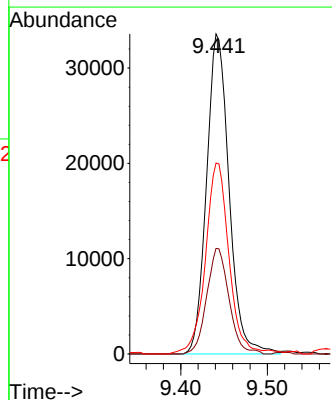
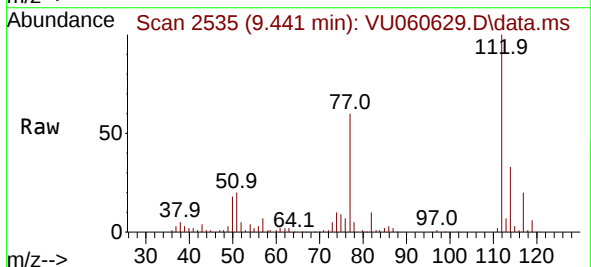
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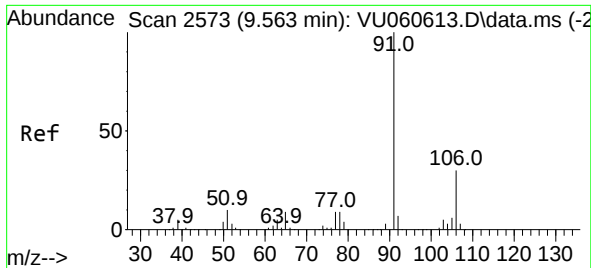
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Supervised By :Semsettin Yesilyurt 09/06/2024



#51
Chlorobenzene
Concen: 2.121 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

Tgt Ion:112 Resp: 60748
Ion Ratio Lower Upper
112 100
114 33.0 21.9 40.7
77 59.6 47.4 71.2





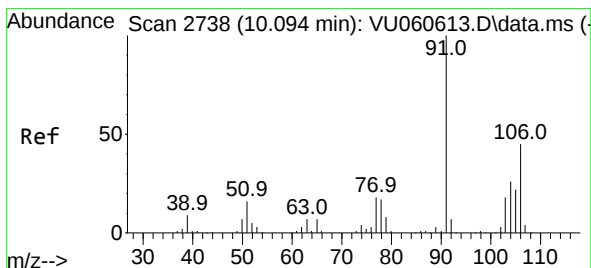
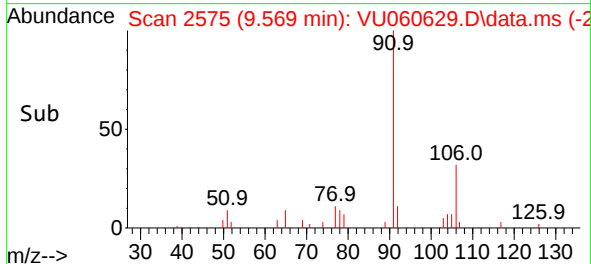
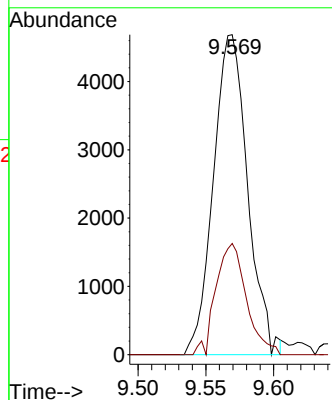
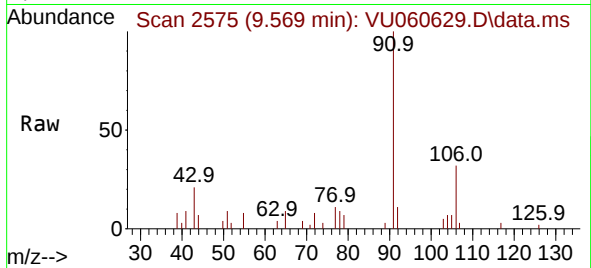
#52
Ethylbenzene
Concen: 0.176 ug/L
RT: 9.569 min Scan# 2573
Delta R.T. 0.006 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

Instrument :
MSVOA_U
ClientSampleId :
YE3E4

Tgt Ion: 91 Resp: 8234
Ion Ratio Lower Upper
91 100
106 34.7 21.9 40.7

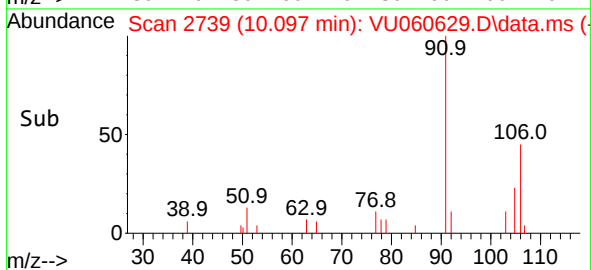
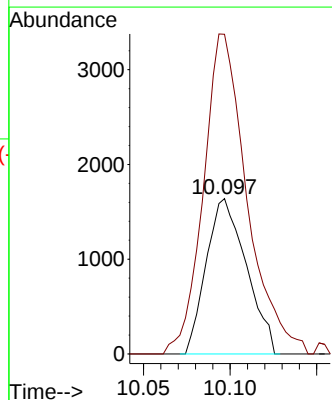
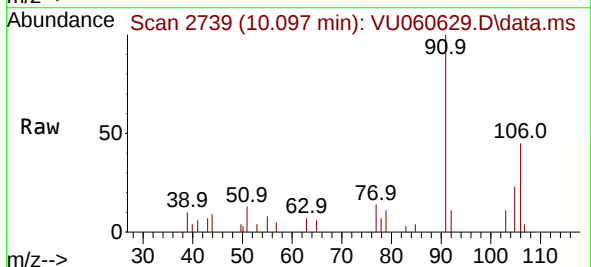
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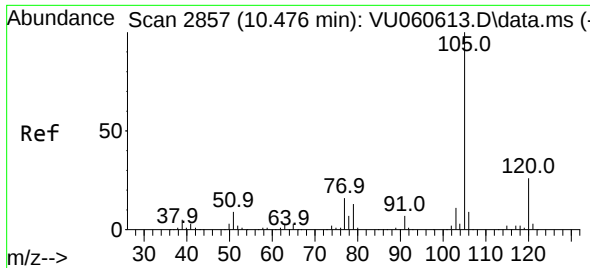
Reviewed By :Mahesh Dadoda 09/06/2024
Supervised By :Semsettin Yesilyurt 09/06/2024



#54
o-Xylene
Concen: 0.148 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

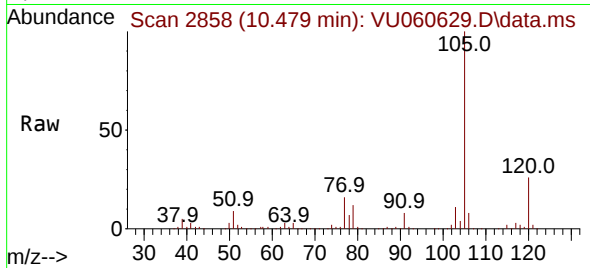
Tgt Ion:106 Resp: 2639
Ion Ratio Lower Upper
106 100
91 205.7 151.1 280.7





#60
Isopropylbenzene
Concen: 6.274 ug/L
RT: 10.479 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

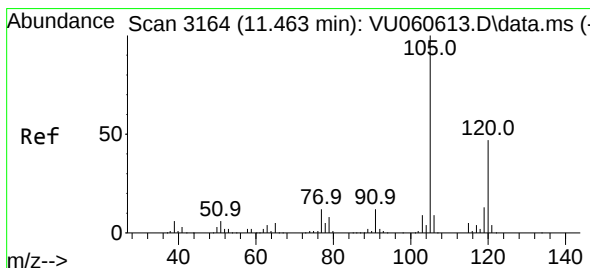
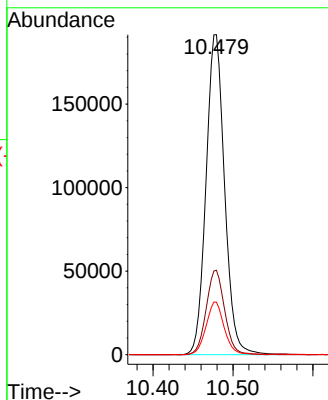
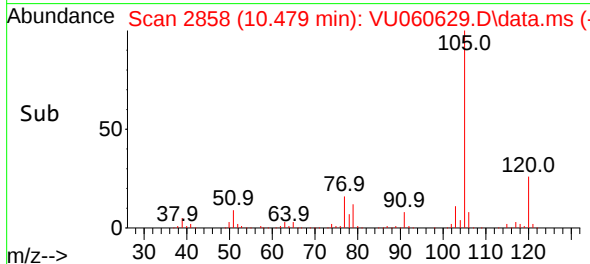
Instrument :
MSVOA_U
ClientSampleId :
YE3E4



Tgt Ion:105 Resp: 30960
Ion Ratio Lower Upper
105 100
120 26.2 21.0 31.4
77 16.2 13.0 19.4

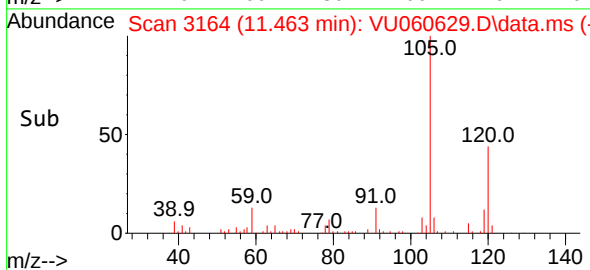
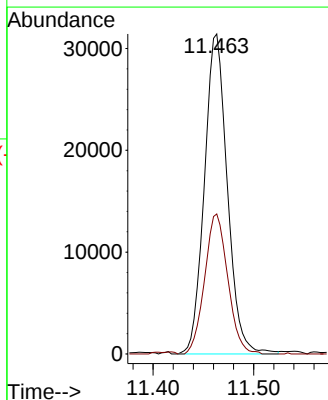
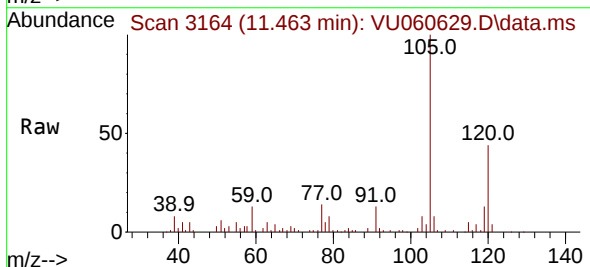
Manual Integrations
APPROVED

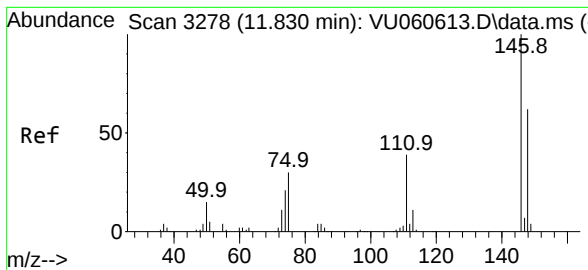
Reviewed By :Mahesh Dadoda 09/06/2024
Supervised By :Semsettin Yesilyurt 09/06/2024



#63
1,2,4-Trimethylbenzene
Concen: 1.329 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

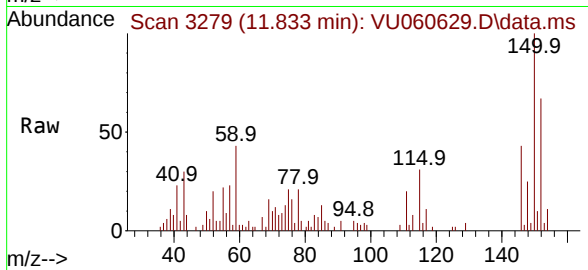
Tgt Ion:105 Resp: 49857
Ion Ratio Lower Upper
105 100
120 44.1 35.7 53.5





#65
1,4-Dichlorobenzene
Concen: 0.174 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45

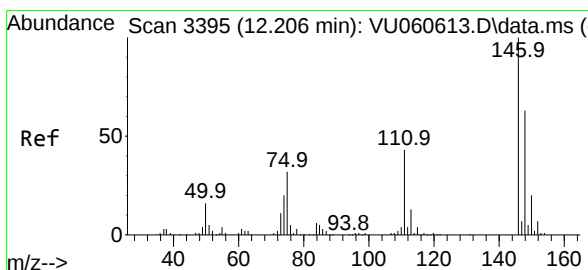
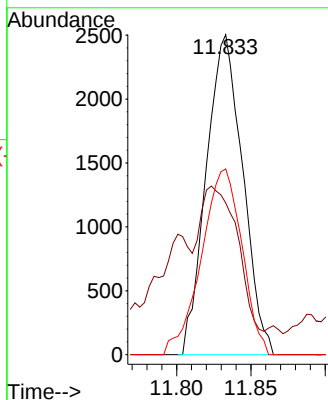
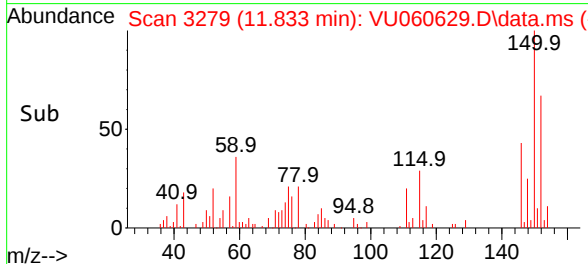
Instrument :
MSVOA_U
ClientSampleId :
YE3E4



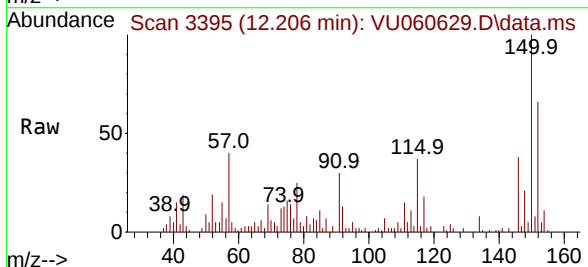
Tgt Ion:146 Resp: 4279
Ion Ratio Lower Upper
146 100
111 54.1 27.2 50.4
148 58.1 43.6 81.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/06/2024
Supervised By :Semsettin Yesilyurt 09/06/2024



#67
1,2-Dichlorobenzene
Concen: 0.276 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU060629.D
Acq: 05 Sep 2024 16:45



Tgt Ion:146 Resp: 6244
Ion Ratio Lower Upper
146 100
111 38.0 34.6 52.0
148 55.3 51.4 77.2

