

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
 Data File : VU060059.D
 Acq On : 19 Jul 2024 14:46
 Operator : MD/SY
 Sample : P3244-02 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZD2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 20 01:40:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 20 01:37:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	135283	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	135528	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	69156	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39649	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	34116	3.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.563	65	14326	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.624	46	121235	55.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.180%
24) Chloroform-d	5.055	84	82931	4.192	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.695	65	41233	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.721	84	163610	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.682	67	53844	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.891	98	137509	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.174	79	19227	4.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	97926	56.028	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49188	4.776	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	61133	4.897	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
5) Vinyl chloride	1.602	62	737572	53.247	ug/L	100
8) Chloroethane	1.930	64	3319	0.367	ug/L	96
12) 1,1-Dichloroethene	2.573	96	1767	0.171	ug/L #	1
13) Acetone	2.640	43	12601	8.656	ug/L	100
16) Methylene chloride	3.036	84	1942	0.153	ug/L	78
18) trans-1,2-Dichloroethene	3.348	96	5901	0.549	ug/L	89
19) 1,1-Dichloroethane	3.865	63	6661	0.327	ug/L	91
21) 2-Butanone	4.721	43	11175m	4.849	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	1077080	89.528	ug/L	99
33) Benzene	5.769	78	34684	0.775	ug/L	100
42) Toluene	7.962	91	5347070	112.227	ug/L	100
51) Chlorobenzene	9.444	112	8454	0.272	ug/L	93
52) Ethylbenzene	9.566	91	105781	2.226	ug/L	97
53) m,p-Xylene	9.685	106	152797	8.324	ug/L	100
54) o-Xylene	10.094	106	91599	5.218	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	15731	0.455	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	56921	1.704	ug/L	100
67) 1,2-Dichlorobenzene	12.209	146	6762	0.290	ug/L	94

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 20 01:37:26 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

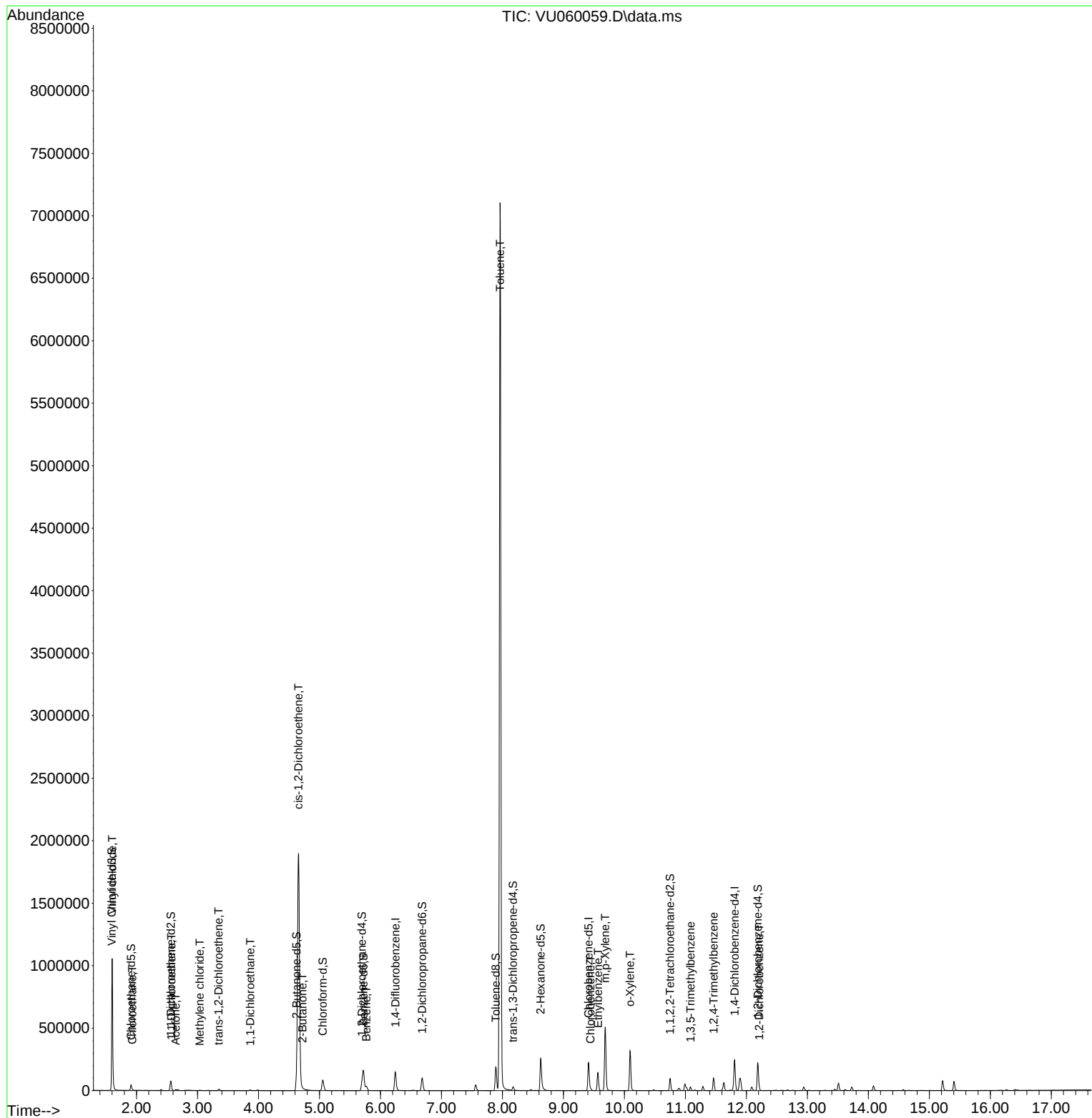
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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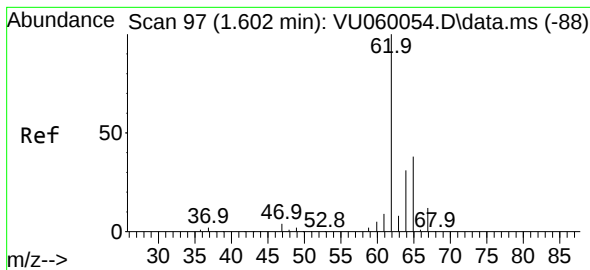
Instrument :
MSVOA_U
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Quant Time: Jul 20 01:40:07 2024
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#5

Vinyl chloride

Concen: 53.247 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU060059.D

Acq: 19 Jul 2024 14:46

Instrument :

MSVOA_U

ClientSampleId :

YDZD2

Tgt Ion: 62 Resp: 737572

Ion Ratio Lower Upper

62 100

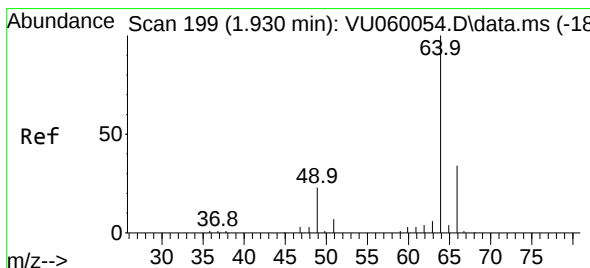
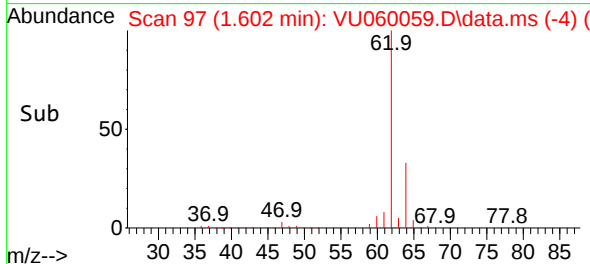
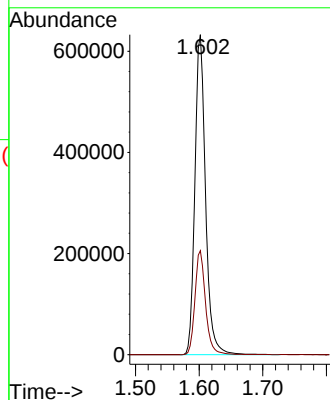
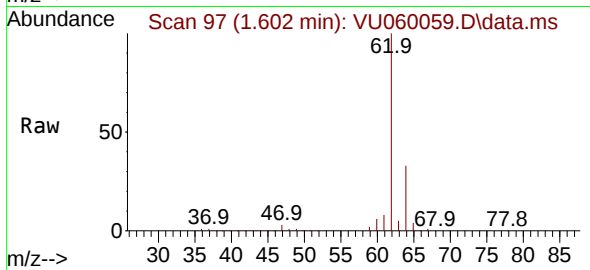
64 32.5 22.8 42.4

Manual Integrations

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#8

Chloroethane

Concen: 0.367 ug/L

RT: 1.930 min Scan# 199

Delta R.T. 0.000 min

Lab File: VU060059.D

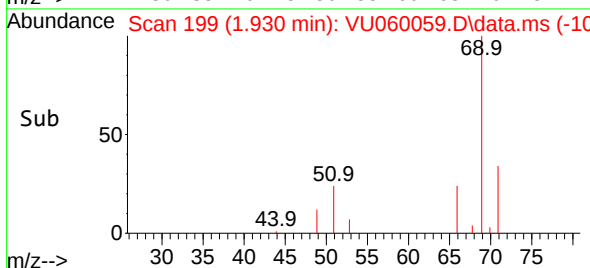
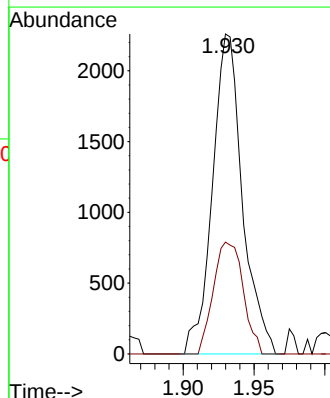
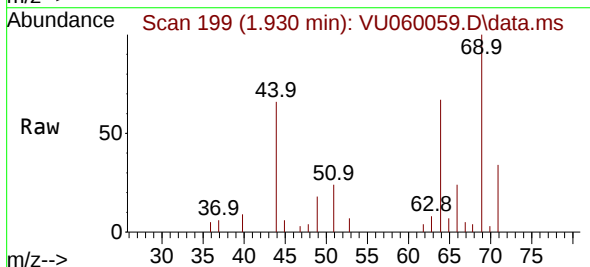
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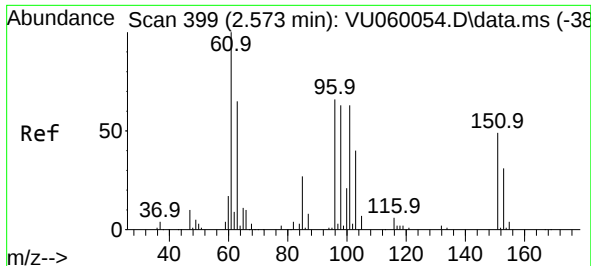
Tgt Ion: 64 Resp: 3319

Ion Ratio Lower Upper

64 100

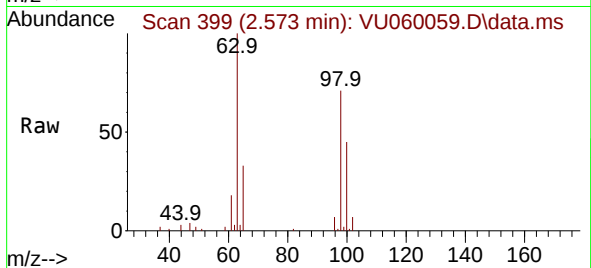
66 35.0 22.8 42.4





#12
1,1-Dichloroethene
Concen: 0.171 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

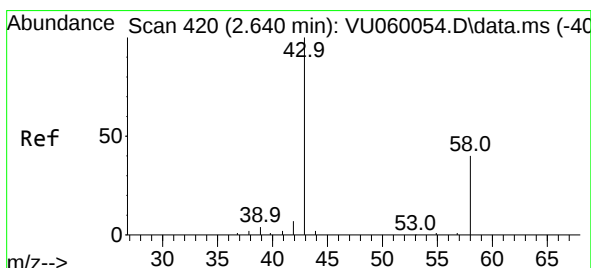
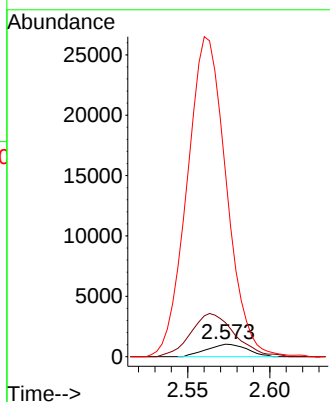
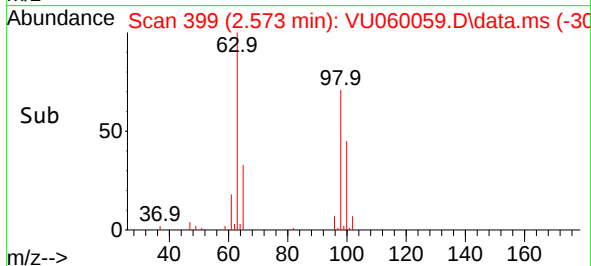
Instrument :
MSVOA_U
ClientSampleId :
YDZD2



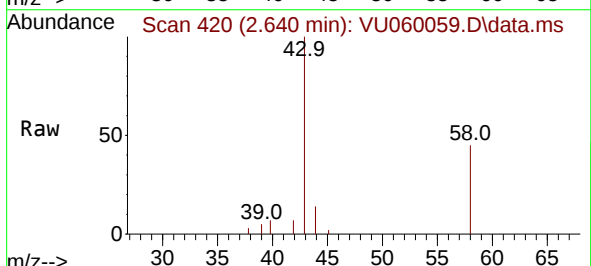
Tgt Ion: 96 Resp: 176
Ion Ratio Lower Upper
96 100
61 273.7 107.0 198.6
63 1479.9 76.4 142.0

Manual Integrations
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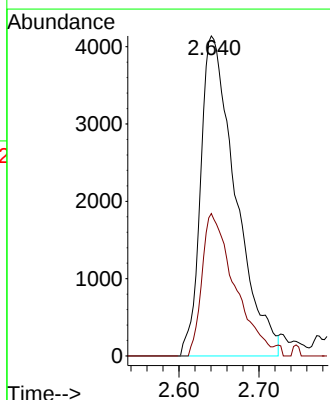
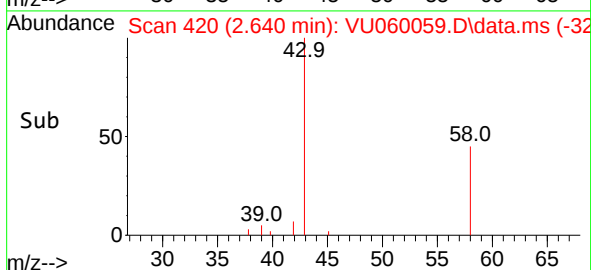
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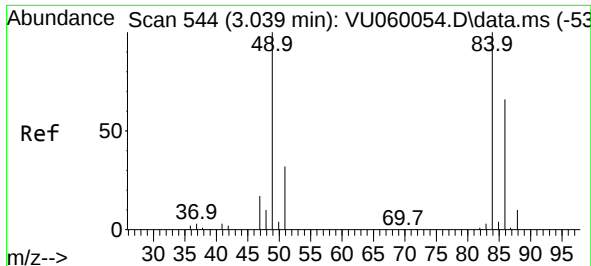


#13
Acetone
Concen: 8.656 ug/L
RT: 2.640 min Scan# 420
Delta R.T. 0.000 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46



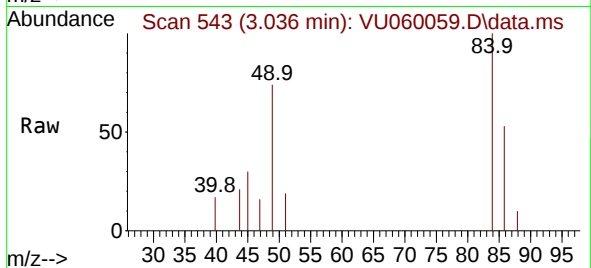
Tgt Ion: 43 Resp: 12601
Ion Ratio Lower Upper
43 100
58 41.3 0.0 82.2





#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

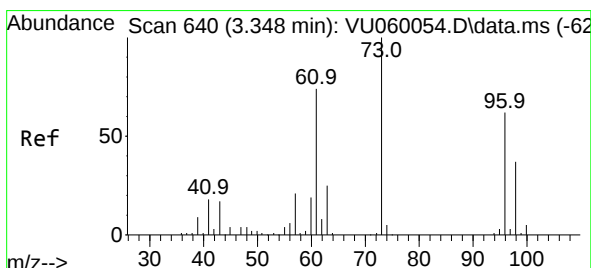
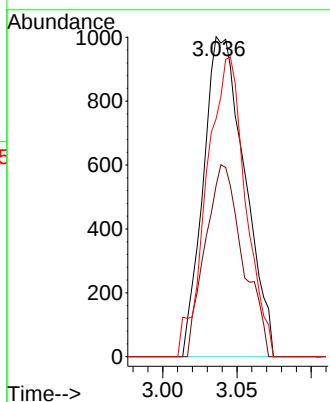
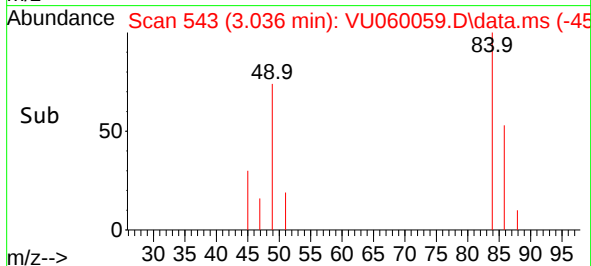
Instrument :
MSVOA_U
ClientSampleId :
YDZD2



Tgt Ion: 84 Resp: 1942
Ion Ratio Lower Upper
84 100
86 53.5 44.4 82.5
49 74.4 72.0 133.6

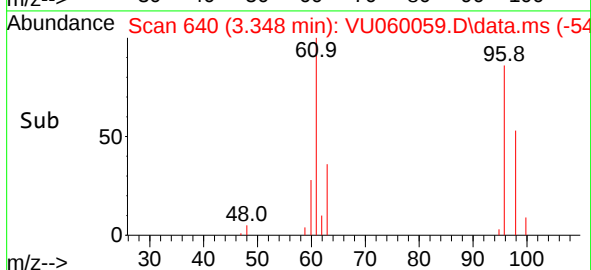
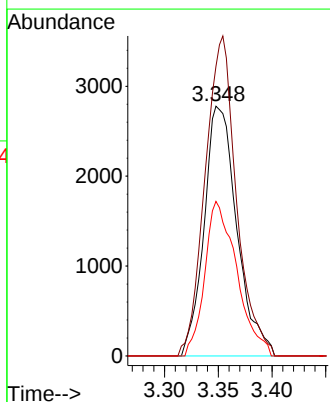
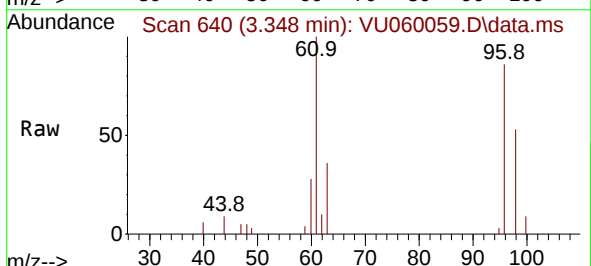
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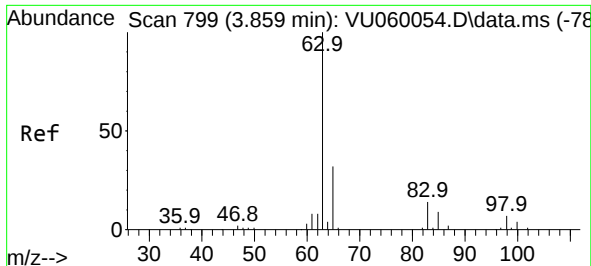
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#18
trans-1,2-Dichloroethene
Concen: 0.549 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

Tgt Ion: 96 Resp: 5901
Ion Ratio Lower Upper
96 100
61 116.0 91.6 170.0
98 61.9 47.7 88.5





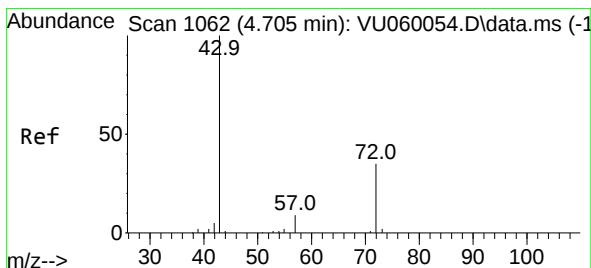
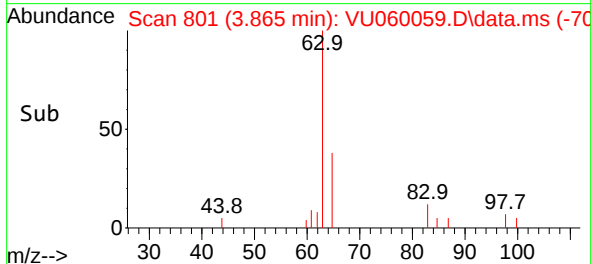
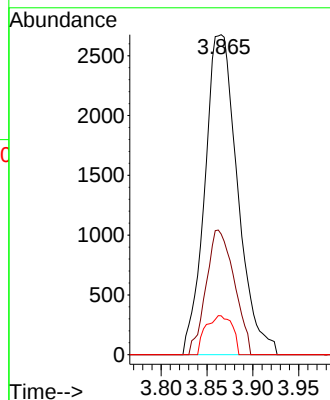
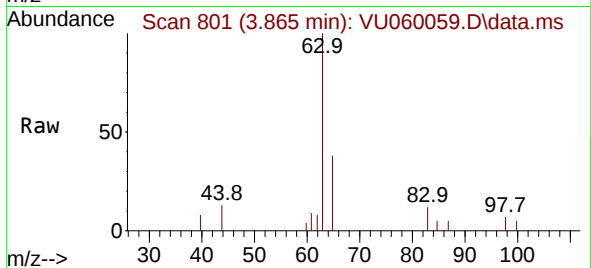
#19
1,1-Dichloroethane
Concen: 0.327 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

Instrument :
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ClientSampleId :
YDZD2

Tgt Ion: 63 Resp: 666
Ion Ratio Lower Upper
63 100
65 37.7 22.0 40.8
83 12.2 9.7 17.9

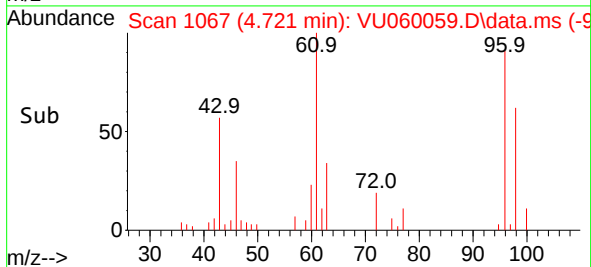
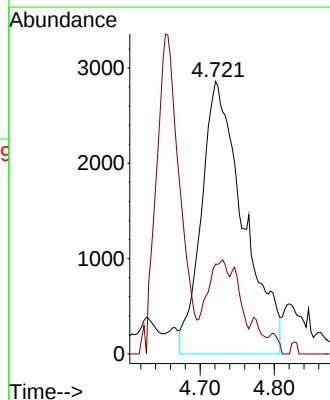
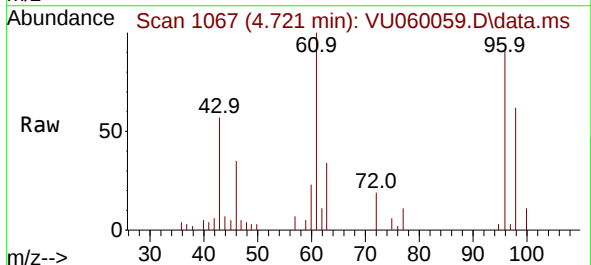
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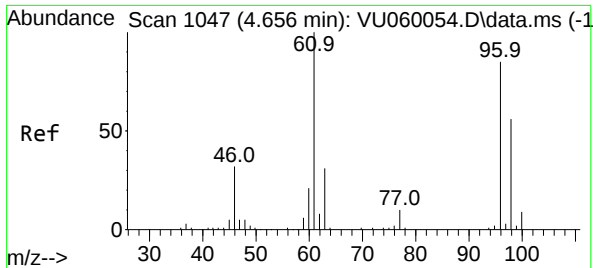
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#21
2-Butanone
Concen: 4.849 ug/L m
RT: 4.721 min Scan# 1067
Delta R.T. 0.016 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

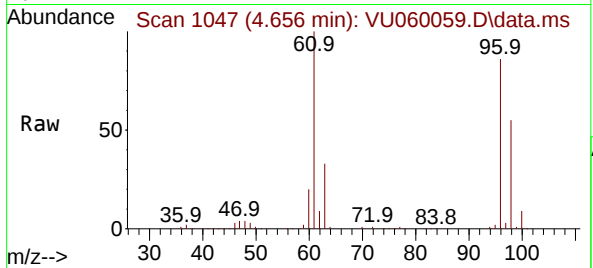
Tgt Ion: 43 Resp: 11175
Ion Ratio Lower Upper
43 100
72 9.8 16.3 48.9#





#22
 cis-1,2-Dichloroethene
 Concen: 89.528 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU060059.D
 Acq: 19 Jul 2024 14:46

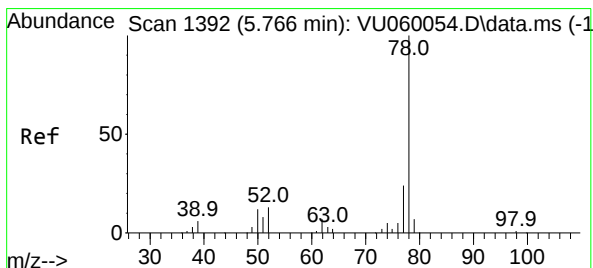
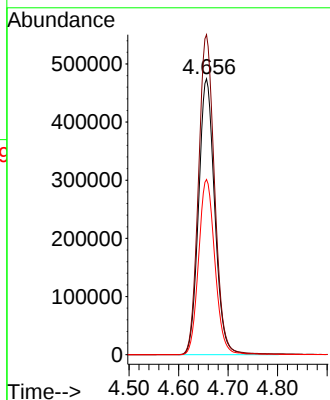
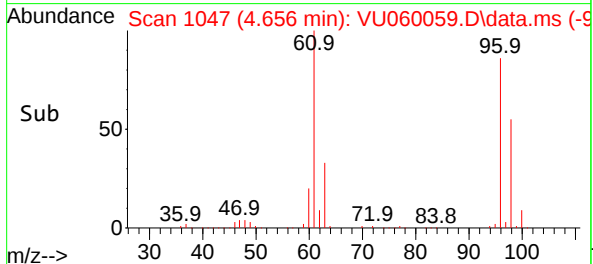
Instrument :
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Tgt Ion: 96 Resp: 1077080
 Ion Ratio Lower Upper
 96 100
 61 116.0 80.2 148.9
 98 63.5 44.7 83.1

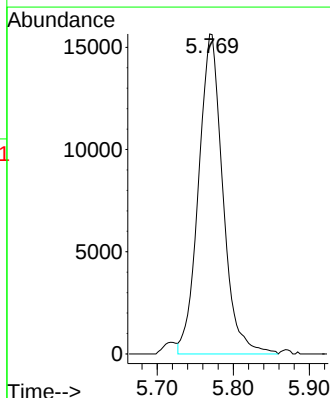
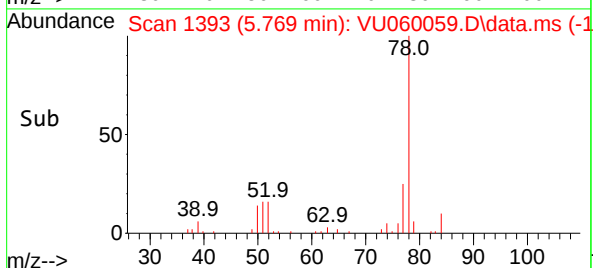
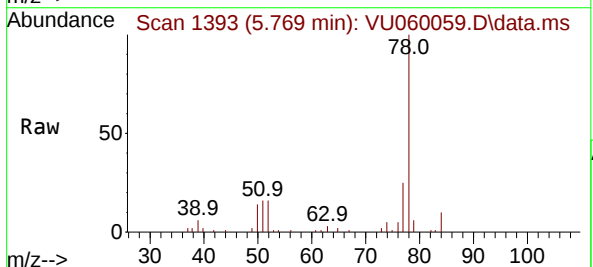
Manual Integrations
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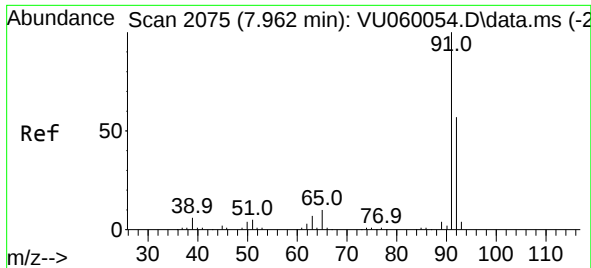
Reviewed By :Mahesh Dadoda 07/24/2024
 Supervised By :Semsettin Yesilyurt 07/24/2024



#33
 Benzene
 Concen: 0.775 ug/L
 RT: 5.769 min Scan# 1393
 Delta R.T. 0.003 min
 Lab File: VU060059.D
 Acq: 19 Jul 2024 14:46

Tgt Ion: 78 Resp: 34684





#42

Toluene

Concen: 112.227 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU060059.D

Acq: 19 Jul 2024 14:46

Instrument :

MSVOA_U

ClientSampleId :

YDZD2

Tgt Ion: 91 Resp: 5347070

Ion Ratio Lower Upper

91 100

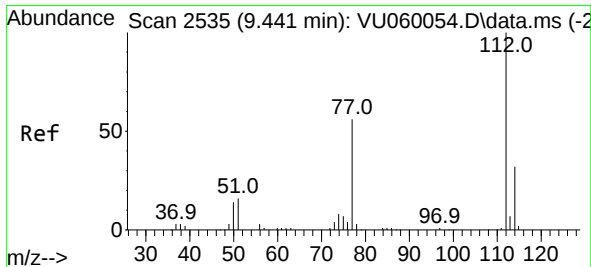
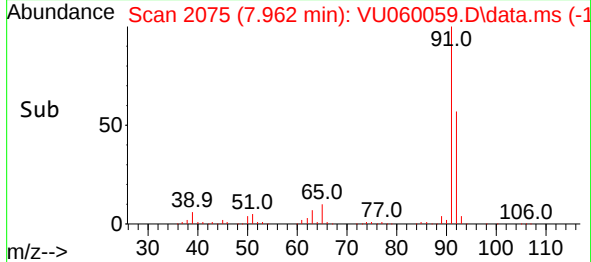
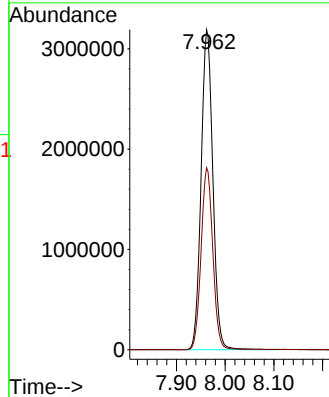
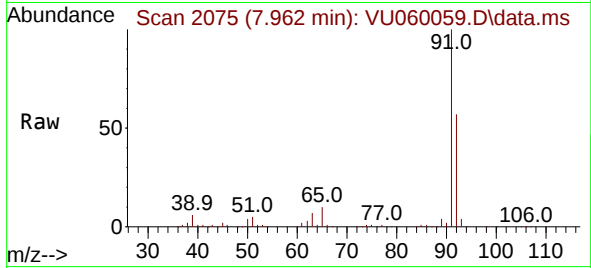
92 56.8 39.8 73.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/24/2024



#51

Chlorobenzene

Concen: 0.272 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060059.D

Acq: 19 Jul 2024 14:46

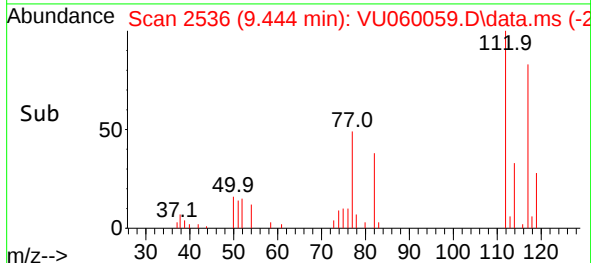
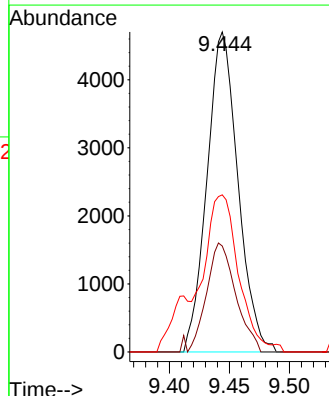
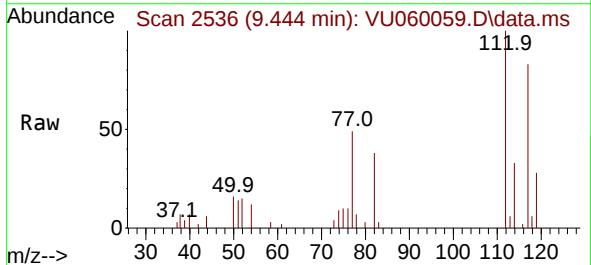
Tgt Ion:112 Resp: 8454

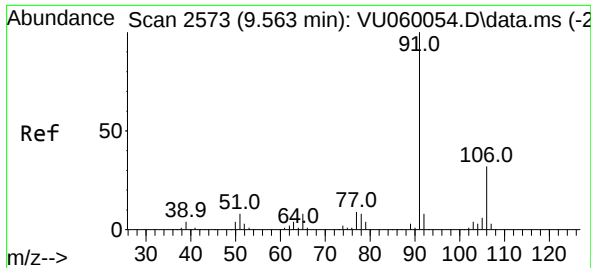
Ion Ratio Lower Upper

112 100

114 33.1 22.1 41.1

77 49.1 44.7 67.1





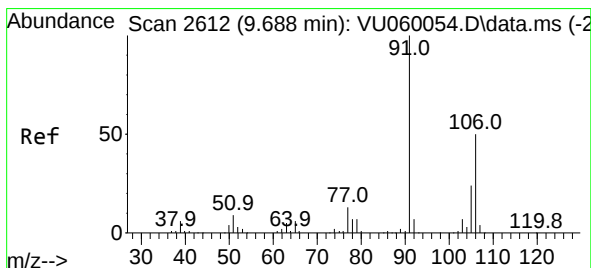
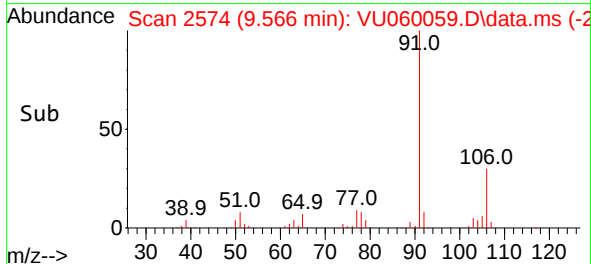
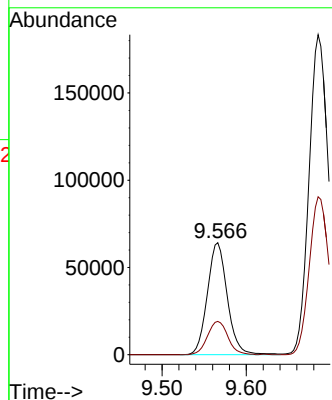
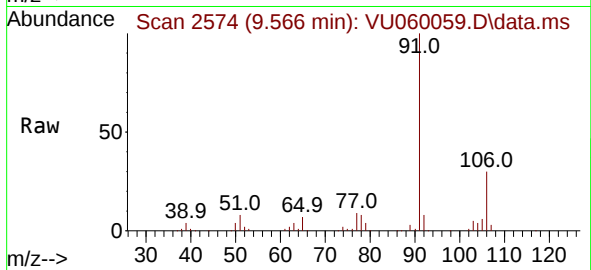
#52
Ethylbenzene
Concen: 2.226 ug/L
RT: 9.566 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

Instrument :
MSVOA_U
ClientSampleId :
YDZD2

Tgt Ion: 91 Resp: 10578
Ion Ratio Lower Upper
91 100
106 29.7 21.9 40.7

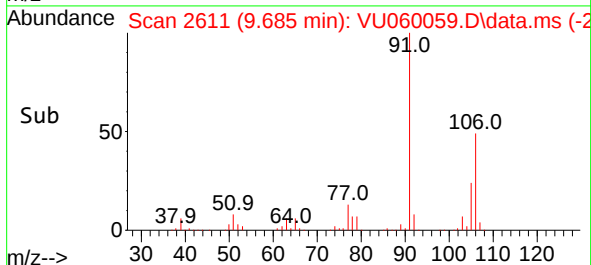
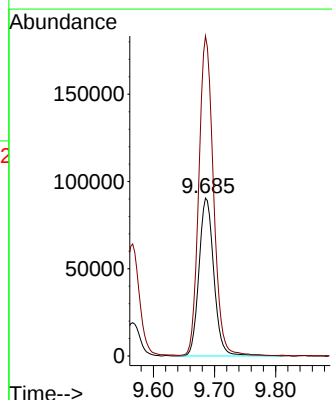
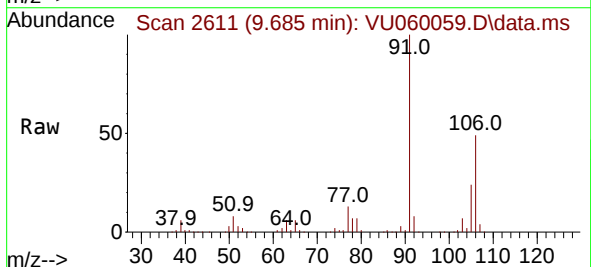
Manual Integrations
APPROVED

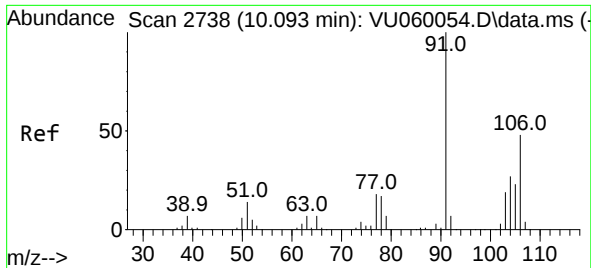
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#53
m,p-Xylene
Concen: 8.324 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.003 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

Tgt Ion:106 Resp: 152797
Ion Ratio Lower Upper
106 100
91 202.5 141.3 262.5





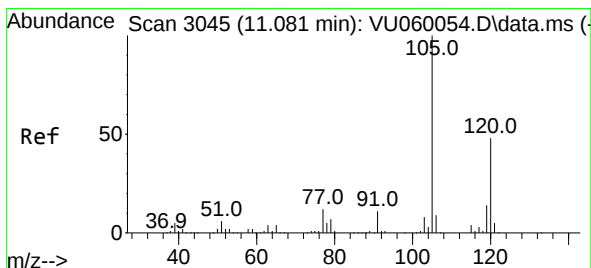
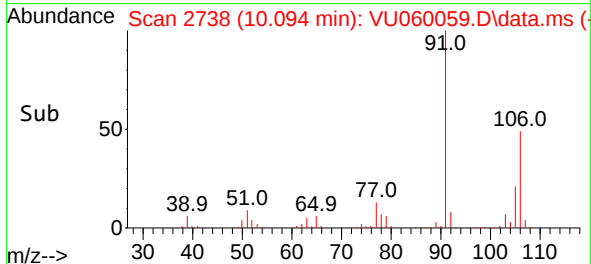
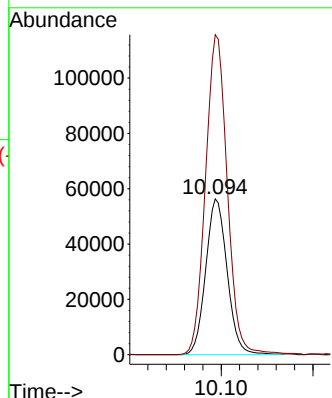
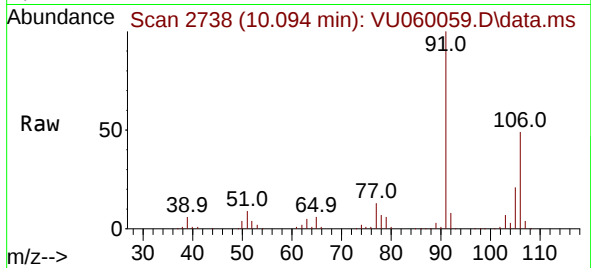
#54
o-Xylene
Concen: 5.218 ug/L
RT: 10.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

Instrument :
MSVOA_U
ClientSampleId :
YDZD2

Tgt Ion:106 Resp: 91599
Ion Ratio Lower Upper
106 100
91 205.3 143.6 266.6

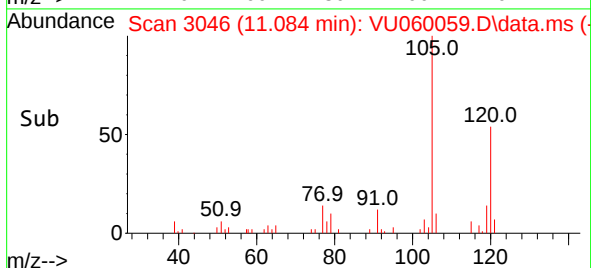
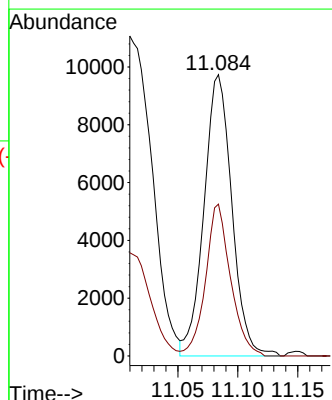
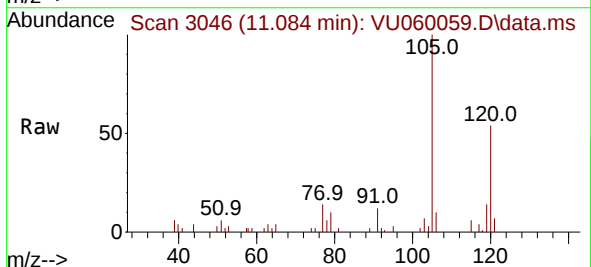
Manual Integrations
APPROVED

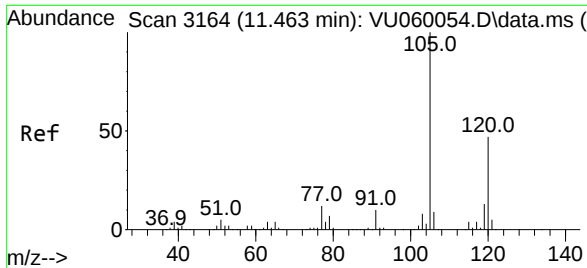
Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 0.455 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.003 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

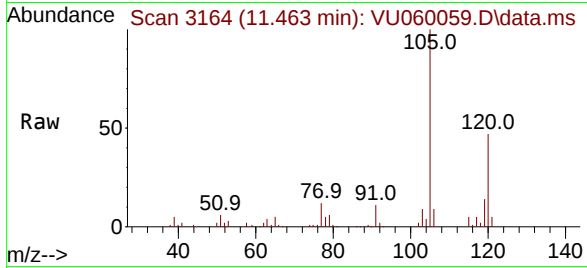
Tgt Ion:105 Resp: 15731
Ion Ratio Lower Upper
105 100
120 48.6 39.4 59.2





#63
1,2,4-Trimethylbenzene
Concen: 1.704 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46

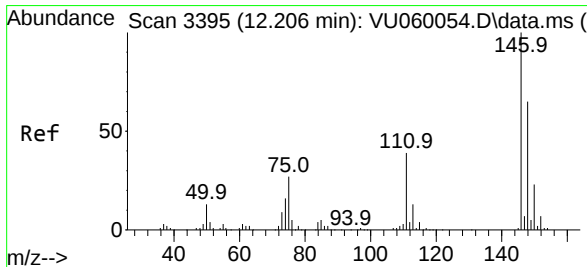
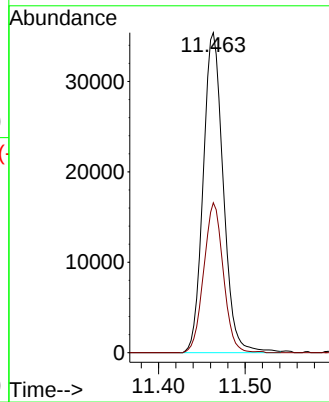
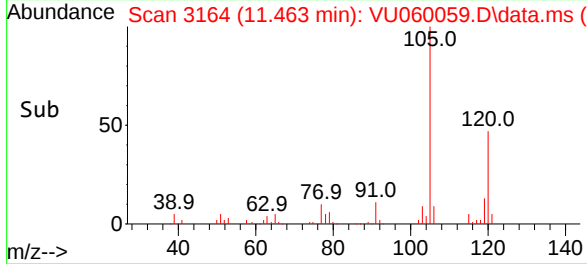
Instrument :
MSVOA_U
ClientSampleId :
YDZD2



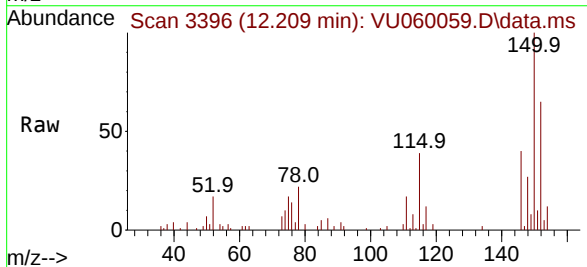
Tgt Ion:105 Resp: 5692
Ion Ratio Lower Upper
105 100
120 45.7 36.7 55.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#67
1,2-Dichlorobenzene
Concen: 0.290 ug/L
RT: 12.209 min Scan# 3396
Delta R.T. 0.003 min
Lab File: VU060059.D
Acq: 19 Jul 2024 14:46



Tgt Ion:146 Resp: 6762
Ion Ratio Lower Upper
146 100
111 42.4 30.9 46.3
148 66.8 49.8 74.8

