

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052547.D
 Acq On : 23 Dec 2022 19:05
 Operator : JC/MD
 Sample : N6171-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/27/2022
 Supervised By :Mahesh Dadoda 12/28/2022

Quant Time: Dec 24 03:58:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.282	114	148571	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.439	117	146475	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.815	152	73129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.639	65	56543	3.757	ug/L	0.04
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.967	69	53899	4.152	ug/L	0.05
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.000%	
11) 1,1-Dichloroethene-d2	2.632	65	26889	4.151	ug/L	0.06
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.000%	
20) 2-Butanone-d5	4.767	46	250915	53.757	ug/L	0.12
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.520%	
24) Chloroform-d	5.124	84	120260	4.735	ug/L	0.06
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.729	65	83228	5.650	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.738	84	223186	4.444	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.783	67	85158	4.926	ug/L	0.10
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.947	98	216367	5.132	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.600%	
43) trans-1,3-Dichloroprop...	8.224	79	34332	5.800	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	116.000%	
46) 2-Hexanone-d5	8.677	63	180839	55.839	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.680%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	80894	5.512	ug/L	0.01
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	82716	5.556	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.742	96	46039	3.658	ug/L	91
30) Cyclohexane	5.410	56	514716	25.837	ug/L	96
33) Benzene	5.783	78	1637702	31.041	ug/L	100
35) Methylcyclohexane	6.841	83	198748	10.686	ug/L	89
42) Toluene	8.018	91	350783	6.934	ug/L	99
52) Ethylbenzene	9.590	91	1299222	24.818	ug/L	100
53) m,p-Xylene	9.713	106	887277	45.964	ug/L	97
54) o-Xylene	10.114	106	31259	1.689	ug/L	97
60) Isopropylbenzene	10.494	105	181979	3.839	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	57242	1.464	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	12327m	0.313	ug/L	

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

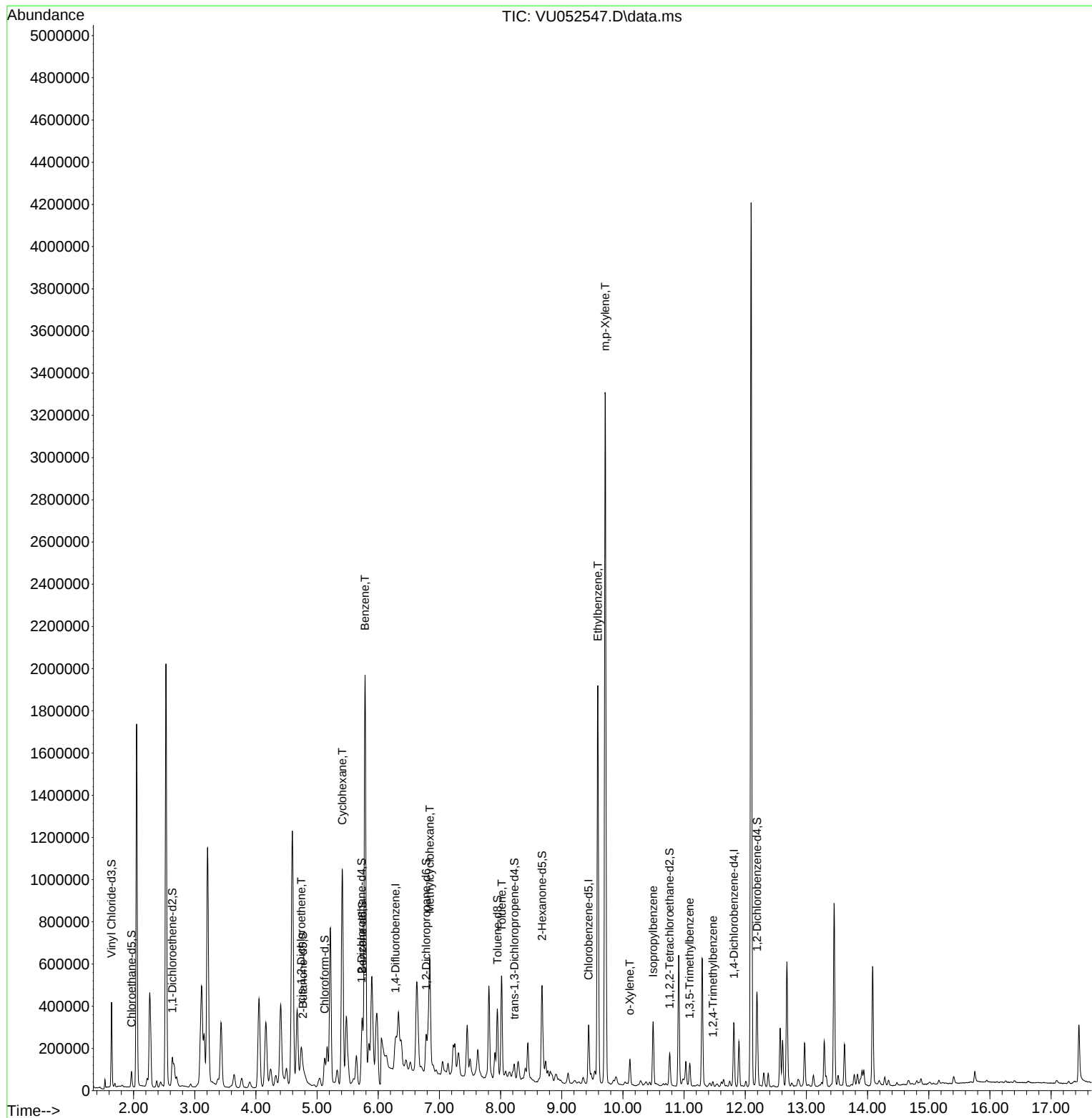
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Data File : VU052547.D
Acq On : 23 Dec 2022 19:05
Operator : JC/MD
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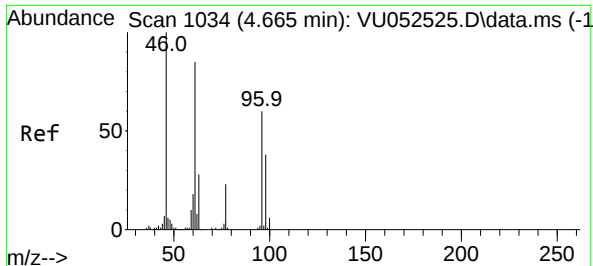
Instrument :
MSVOA_U
ClientSampleId :
GBQD6

Quant Time: Dec 24 03:58:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 24 03:53:16 2022
Response via : Initial Calibration

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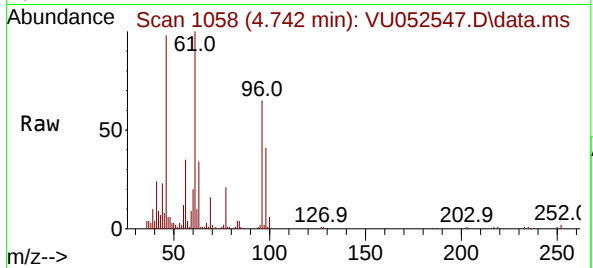
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022





#22
cis-1,2-Dichloroethene
Concen: 3.658 ug/L
RT: 4.742 min Scan# 1058
Delta R.T. 0.077 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

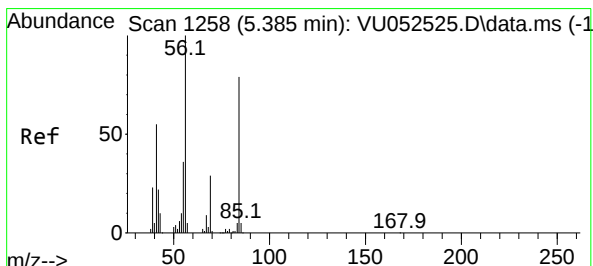
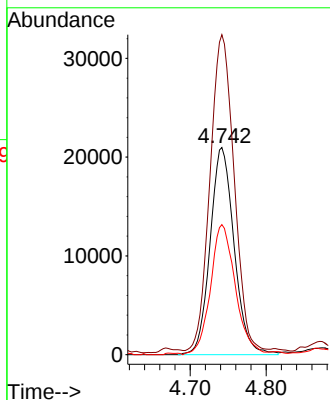
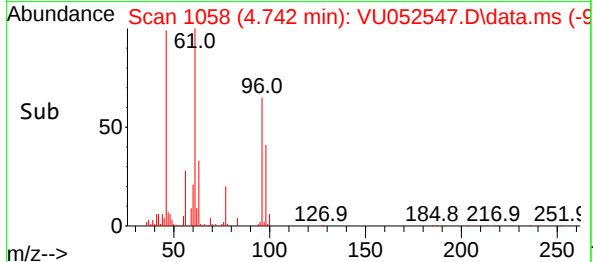
Instrument :
MSVOA_U
ClientSampleId :
GBQD6



Tgt Ion: 96 Resp: 46039
Ion Ratio Lower Upper
96 100
61 154.4 96.9 180.1
98 62.7 44.7 83.1

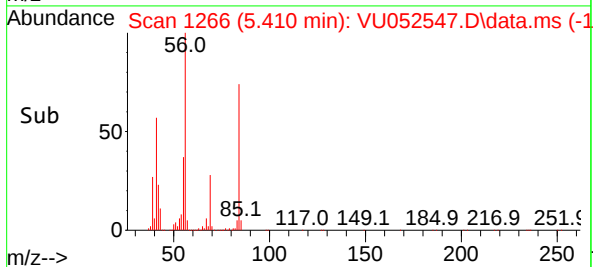
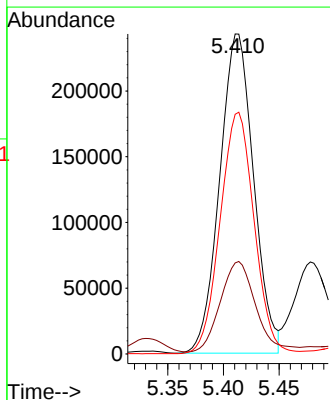
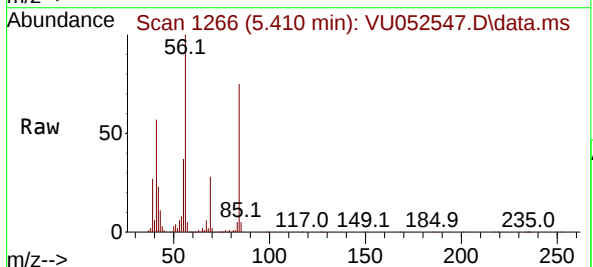
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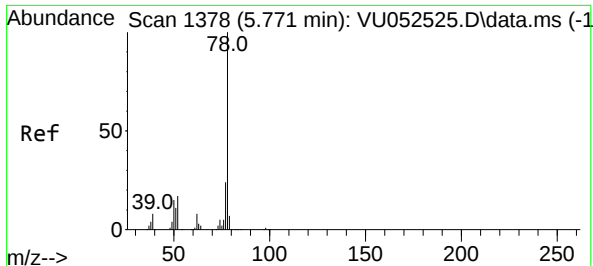
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#30
Cyclohexane
Concen: 25.837 ug/L
RT: 5.410 min Scan# 1266
Delta R.T. 0.025 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Tgt Ion: 56 Resp: 514716
Ion Ratio Lower Upper
56 100
69 29.5 23.0 34.6
84 75.8 64.4 96.6





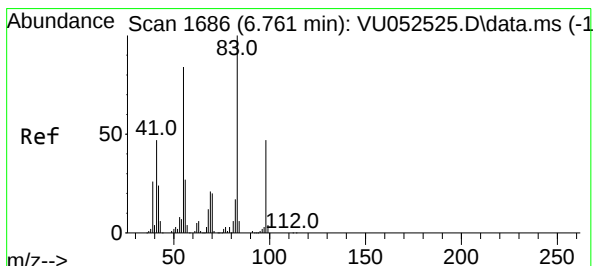
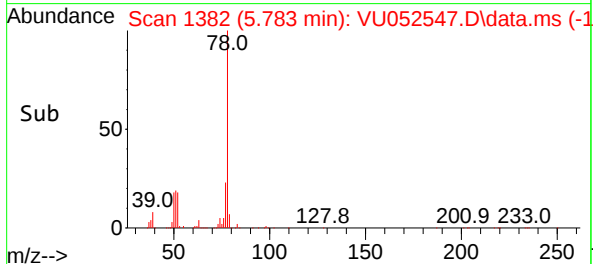
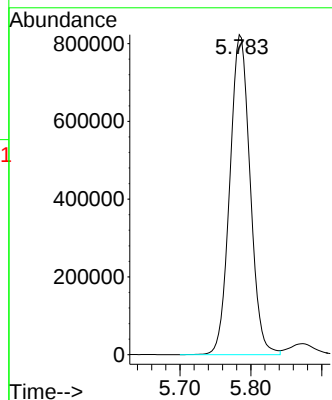
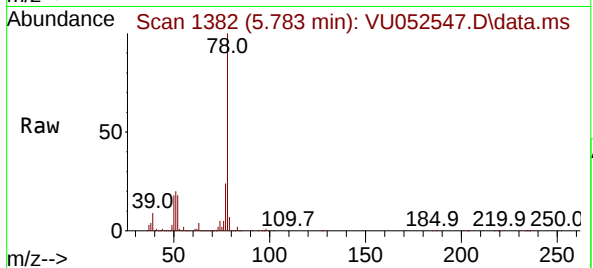
#33
Benzene
Concen: 31.041 ug/L
RT: 5.783 min Scan# 11
Delta R.T. 0.013 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Instrument :
MSVOA_U
ClientSampleId :
GBQD6

Tgt Ion: 78 Resp: 163770

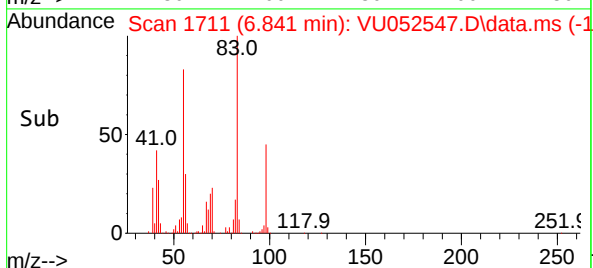
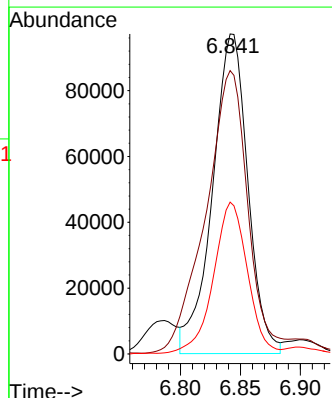
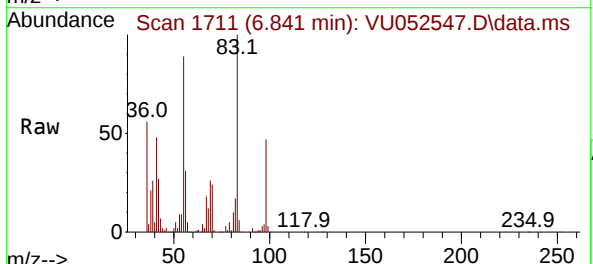
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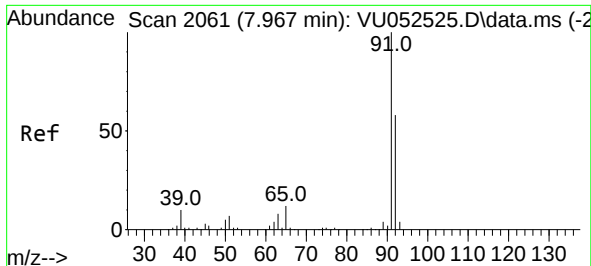
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#35
Methylcyclohexane
Concen: 10.686 ug/L
RT: 6.841 min Scan# 1711
Delta R.T. 0.080 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Tgt Ion: 83 Resp: 198748
Ion Ratio Lower Upper
83 100
55 104.9 71.4 107.0
98 45.5 36.5 54.7





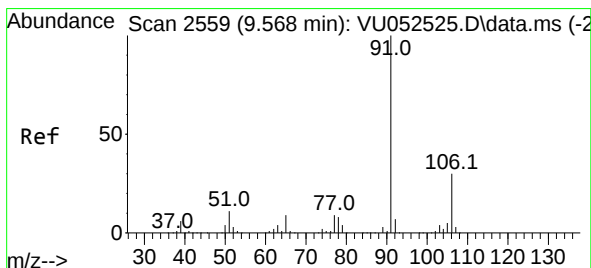
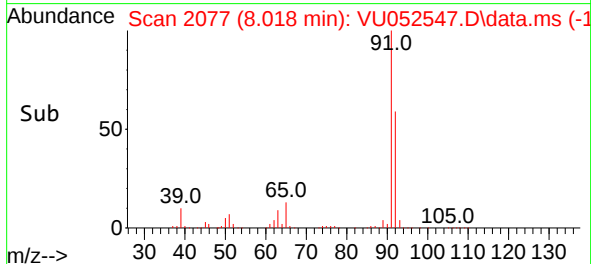
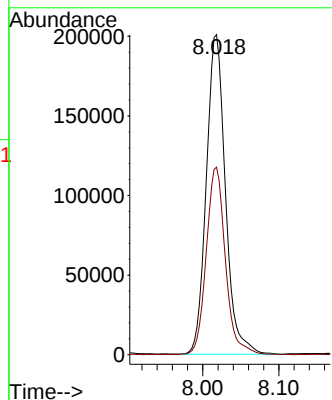
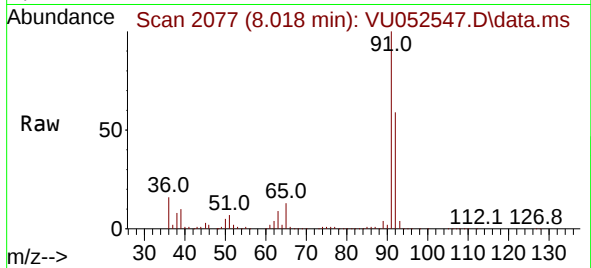
#42
Toluene
Concen: 6.934 ug/L
RT: 8.018 min Scan# 2061
Delta R.T. 0.051 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Instrument :
MSVOA_U
ClientSampleId :
GBQD6

Tgt Ion: 91 Resp: 35078
Ion Ratio Lower Upper
91 100
92 58.6 40.6 75.4

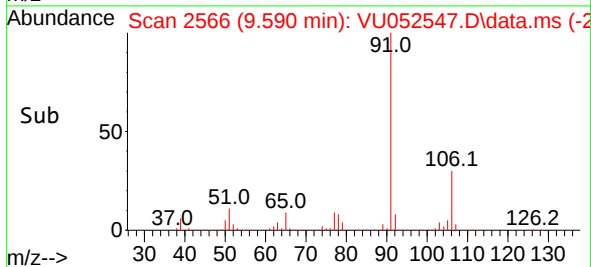
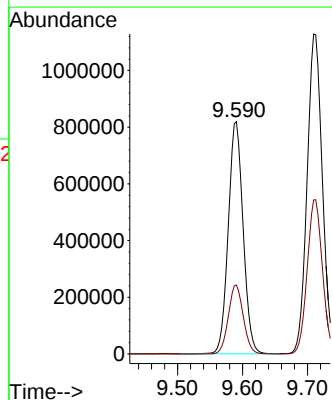
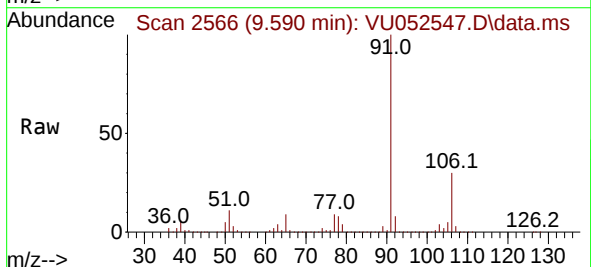
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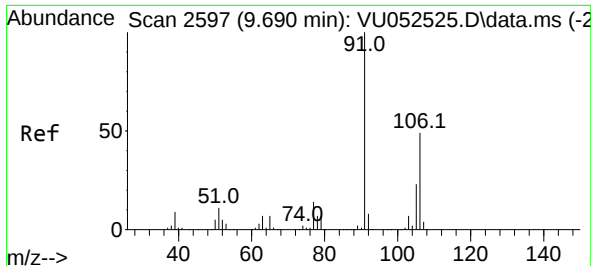
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#52
Ethylbenzene
Concen: 24.818 ug/L
RT: 9.590 min Scan# 2566
Delta R.T. 0.022 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Tgt Ion: 91 Resp: 1299222
Ion Ratio Lower Upper
91 100
106 29.7 20.9 38.7





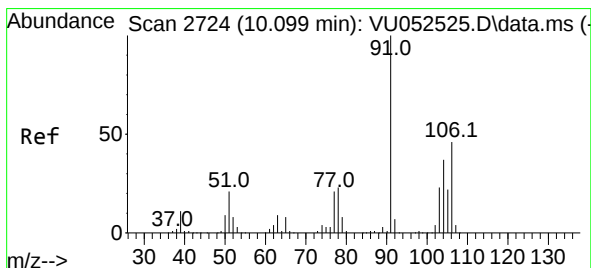
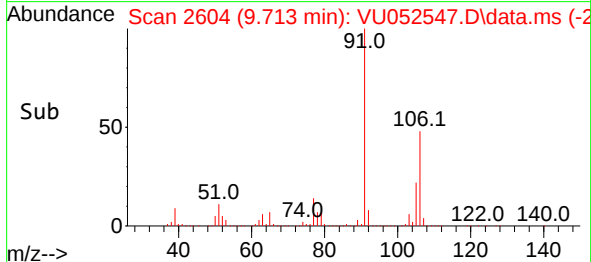
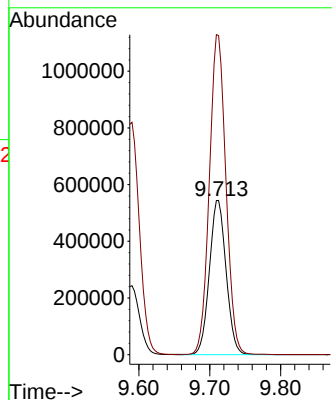
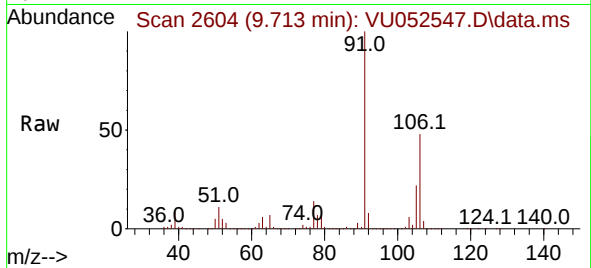
#53
m,p-Xylene
Concen: 45.964 ug/L
RT: 9.713 min Scan# 2604
Delta R.T. 0.022 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

Instrument :
MSVOA_U
ClientSampleId :
GBQD6

Tgt Ion:106 Resp: 88727
Ion Ratio Lower Upper
106 100
91 206.9 148.2 275.2

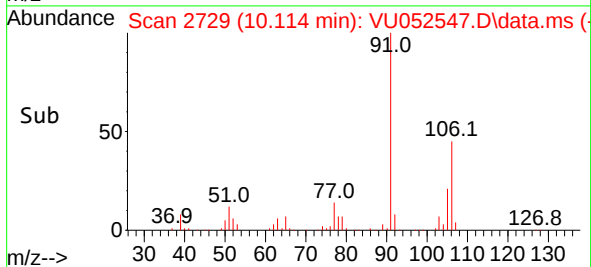
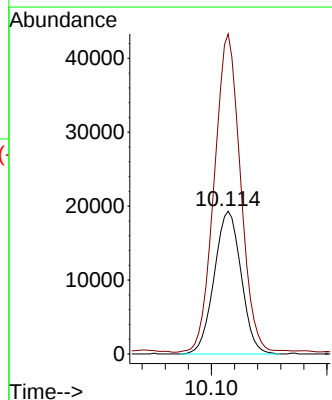
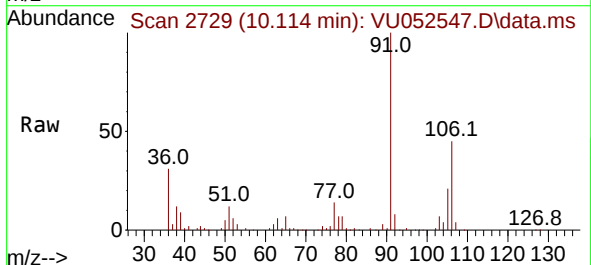
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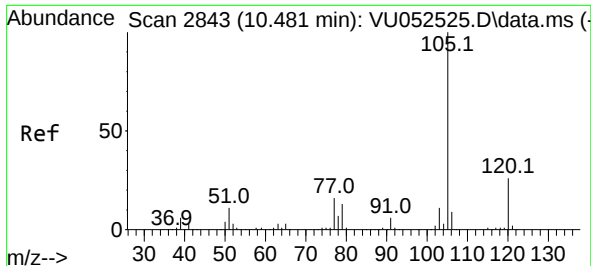
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022



#54
o-Xylene
Concen: 1.689 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. 0.016 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

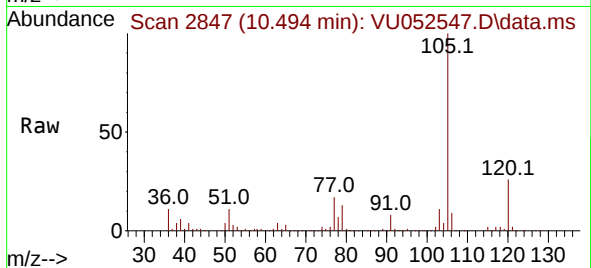
Tgt Ion:106 Resp: 31259
Ion Ratio Lower Upper
106 100
91 224.2 153.2 284.4





#60
Isopropylbenzene
Concen: 3.839 ug/L
RT: 10.494 min Scan# 2847
Delta R.T. 0.013 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05

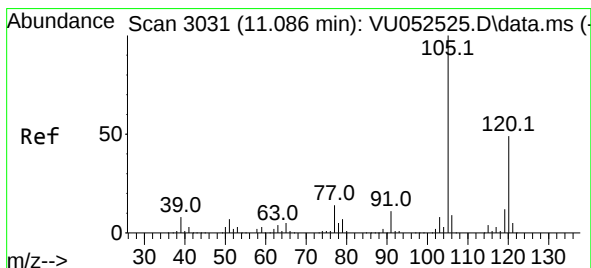
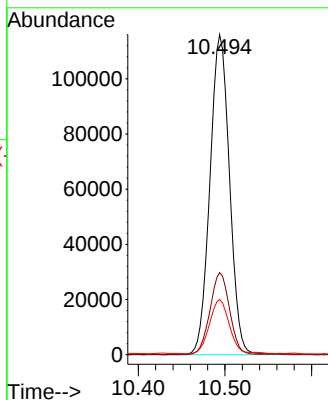
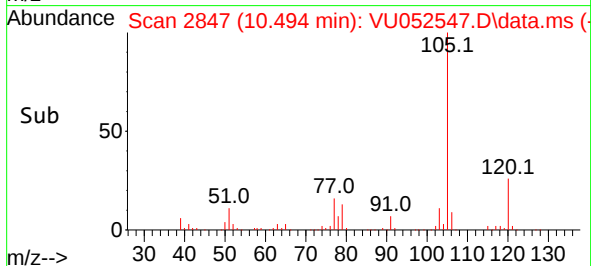
Instrument :
MSVOA_U
ClientSampleId :
GBQD6



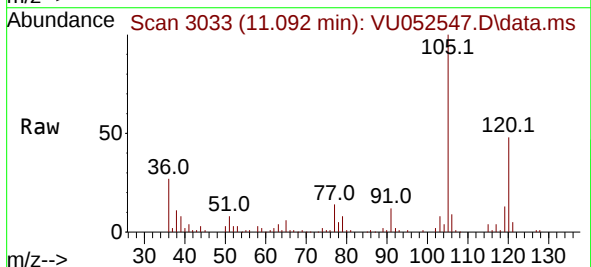
Tgt Ion:105 Resp: 181979
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 16.9 13.8 20.8

Manual Integrations
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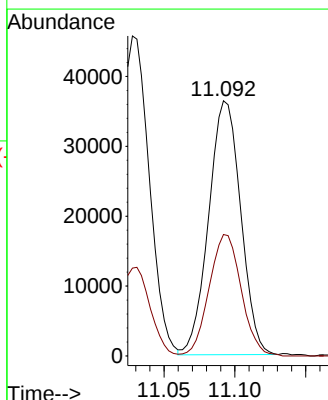
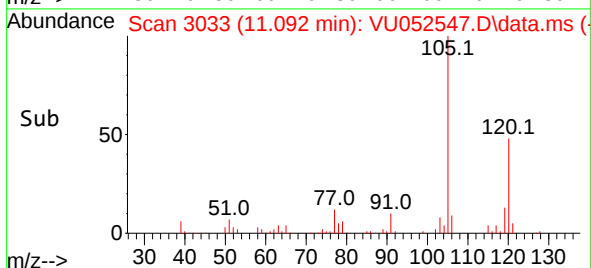
Reviewed By :Krupa Patel 12/27/2022
Supervised By :Mahesh Dadoda 12/28/2022

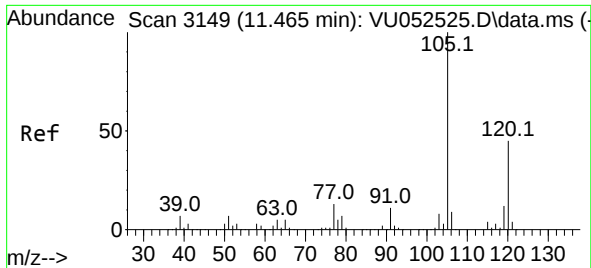


#62
1,3,5-Trimethylbenzene
Concen: 1.464 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.006 min
Lab File: VU052547.D
Acq: 23 Dec 2022 19:05



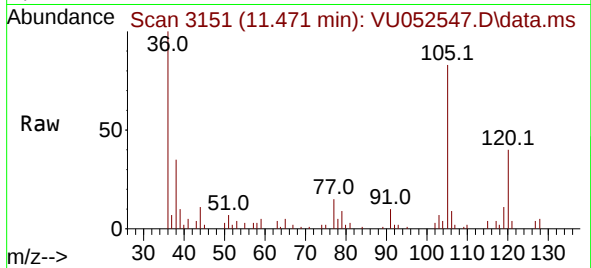
Tgt Ion:105 Resp: 57242
Ion Ratio Lower Upper
105 100
120 47.9 38.6 57.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.313 ug/L m
 RT: 11.471 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU052547.D
 Acq: 23 Dec 2022 19:05

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD6



Tgt Ion:105 Resp: 1232
 Ion Ratio Lower Upper
 105 100
 120 222.4 35.6 53.4

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