

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049335.D
 Acq On : 21 Jun 2022 18:42
 Operator : SY/MD
 Sample : N3400-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AD8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2022
 Supervised By :Mahesh Dadoda 06/22/2022

Quant Time: Jun 22 01:51:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.279	114	130685	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	124106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	66164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	33340	2.920	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.916	69	27209	3.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.400%
11) 1,1-Dichloroethene-d2	2.575	65	13117	2.856	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	4.713	46	146909	48.183	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.360%
24) Chloroform-d	5.086	84	77505	4.326	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.745	65	43316	4.407	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.761	84	143318	3.833	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.719	67	54871	4.324	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.912	98	124126	3.687	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	8.192	79	18384	3.261	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.652	63	108000	47.492	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.980%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	45674	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	53387	4.205	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.000%
Target Compounds						
8) Chloroethane	1.938	64	99832	15.698	ug/L	95
18) trans-1,2-Dichloroethene	3.363	96	1963	0.241	ug/L	89
30) Cyclohexane	5.411	56	419685	24.896	ug/L	98
33) Benzene	5.809	78	1028248	27.844	ug/L	100
35) Methylcyclohexane	6.780	83	397456	25.106	ug/L	91
42) Toluene	7.983	91	12747	0.326	ug/L	97
51) Chlorobenzene	9.456	112	4868	0.204	ug/L	93
52) Ethylbenzene	9.575	91	3185248	74.474	ug/L	99
53) m,p-Xylene	9.700	106	1337319	84.139	ug/L	98
60) Isopropylbenzene	10.488	105	3591182	79.683	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	53541m	1.346	ug/L	
63) 1,2,4-Trimethylbenzene	11.468	105	257170	6.525	ug/L	99

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

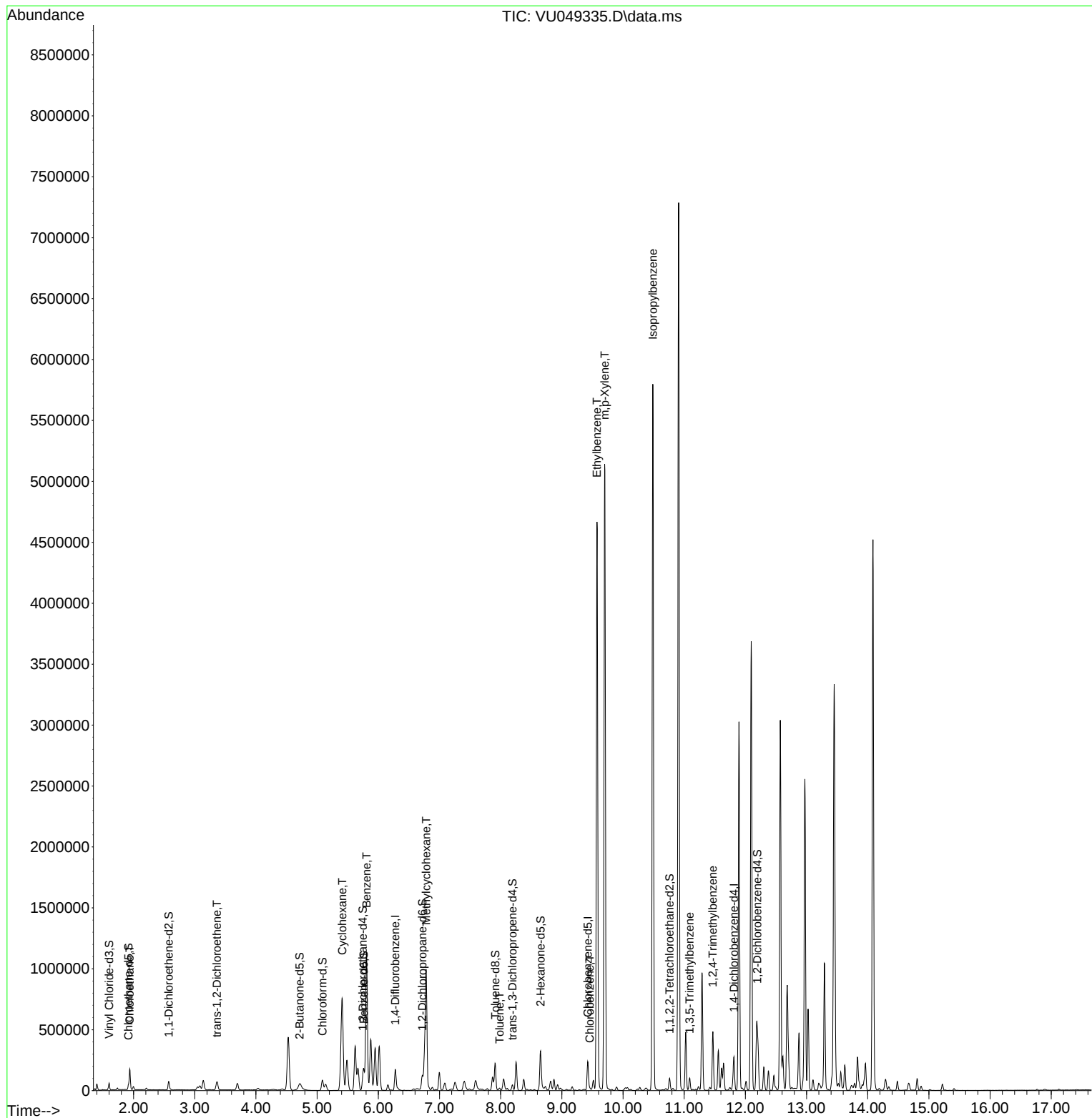
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
Data File : VU049335.D
Acq On : 21 Jun 2022 18:42
Operator : SY/MD
Sample : N3400-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

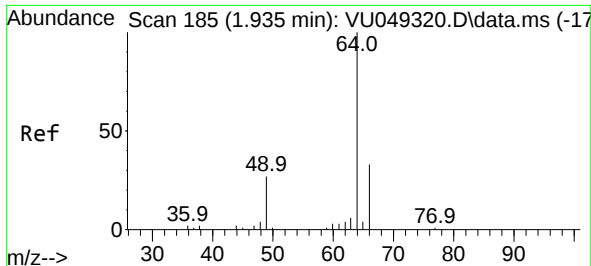
Instrument :
MSVOA_U
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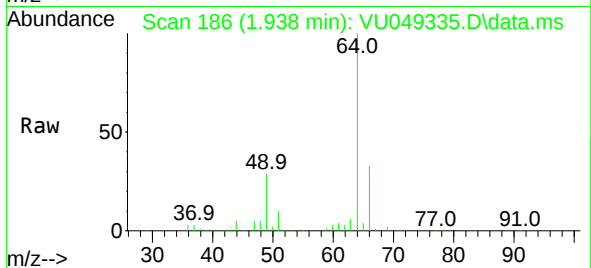
Quant Time: Jun 22 01:51:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 22 01:47:02 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 15.698 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

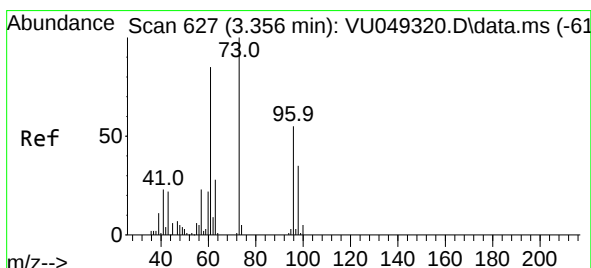
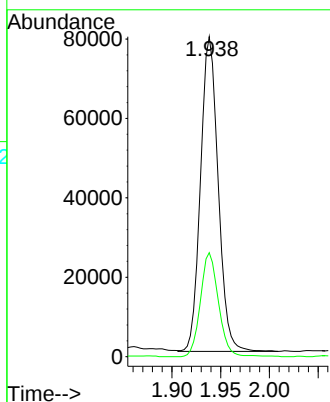
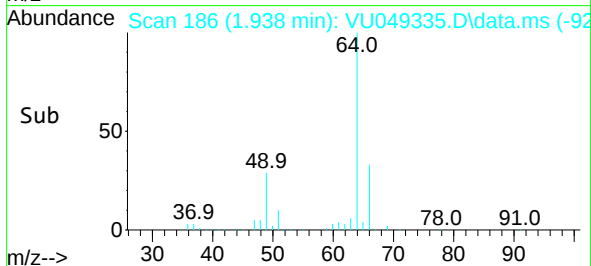
Instrument :
MSVOA_U
ClientSampleId :
C0AD8



Tgt Ion: 64 Resp: 9983
Ion Ratio Lower Upper
64 100
66 32.5 20.9 38.9

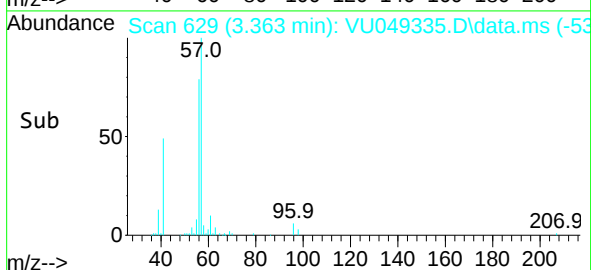
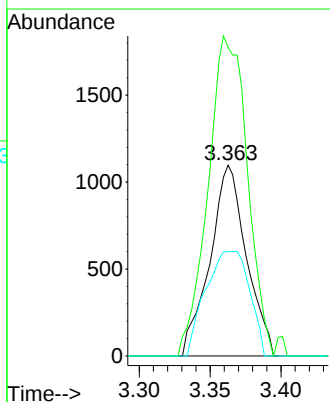
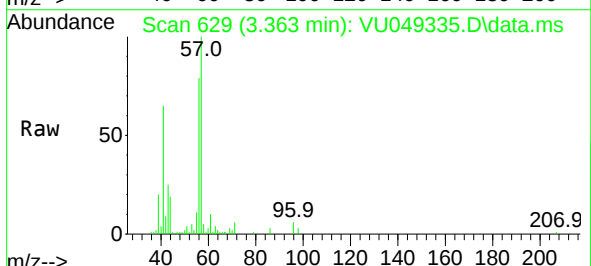
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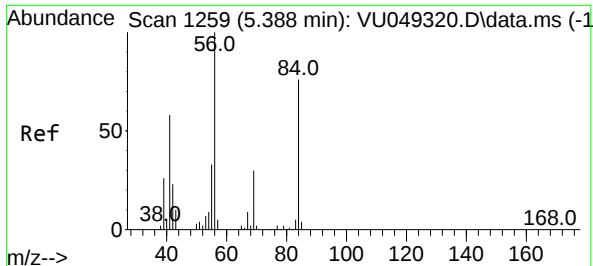
Reviewed By :Krupa Patel 06/22/2022
Supervised By :Mahesh Dadoda 06/22/2022



#18
trans-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.006 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

Tgt Ion: 96 Resp: 1963
Ion Ratio Lower Upper
96 100
61 161.7 103.3 191.9
98 54.6 44.0 81.8





#30

Cyclohexane

Concen: 24.896 ug/L

RT: 5.411 min Scan# 11

Delta R.T. 0.023 min

Lab File: VU049335.D

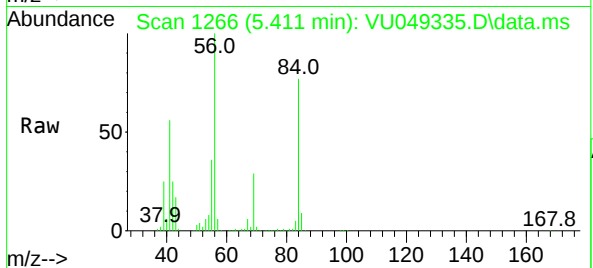
Acq: 21 Jun 2022 18:42

Instrument :

MSVOA_U

ClientSampleId :

C0AD8



Tgt Ion: 56 Resp: 41968

Ion Ratio Lower Upper

56 100

69 28.2 23.8 35.6

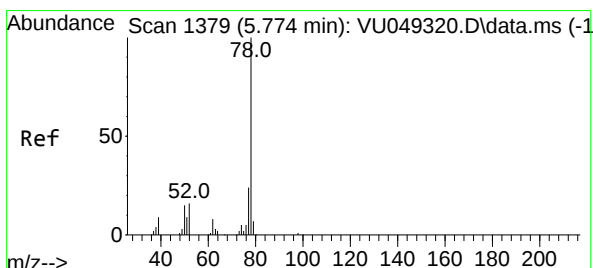
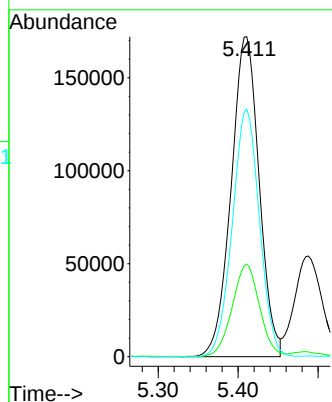
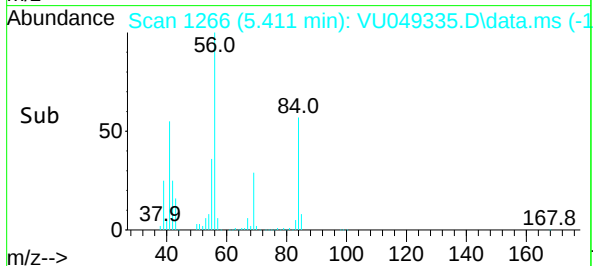
84 75.0 61.2 91.8

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#33

Benzene

Concen: 27.844 ug/L

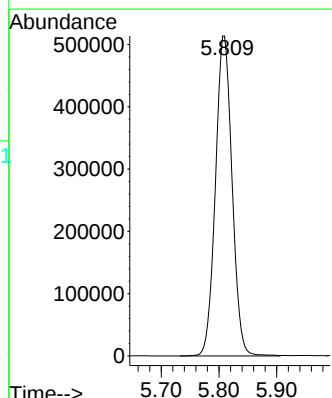
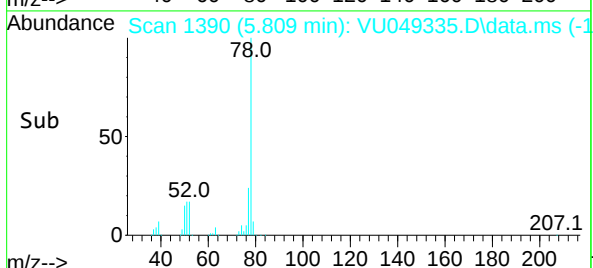
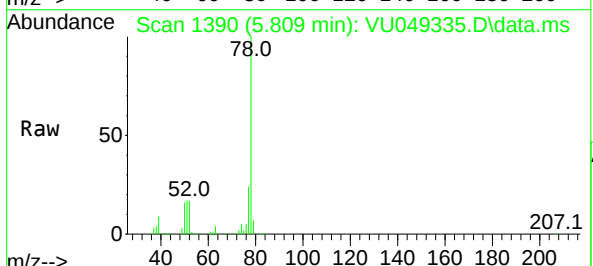
RT: 5.809 min Scan# 1390

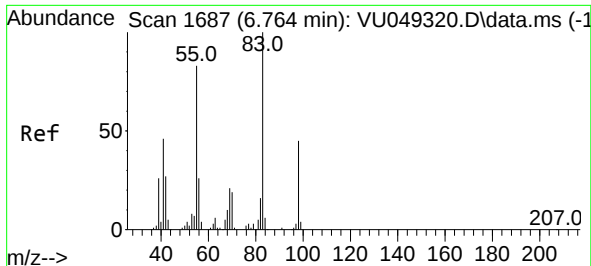
Delta R.T. 0.035 min

Lab File: VU049335.D

Acq: 21 Jun 2022 18:42

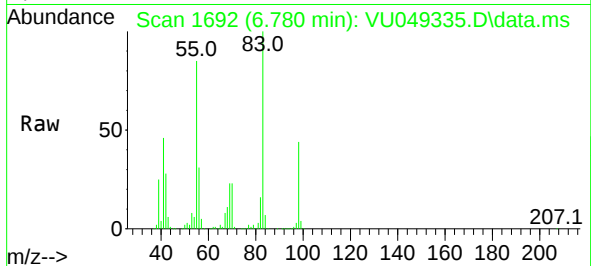
Tgt Ion: 78 Resp: 1028248





#35
Methylcyclohexane
Concen: 25.106 ug/L
RT: 6.780 min Scan# 1687
Delta R.T. 0.016 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

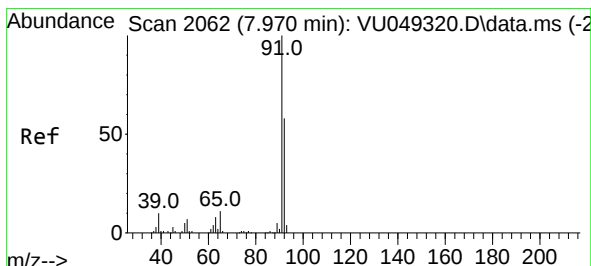
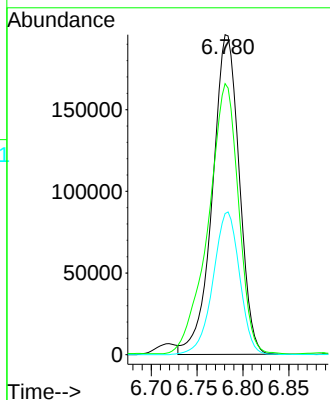
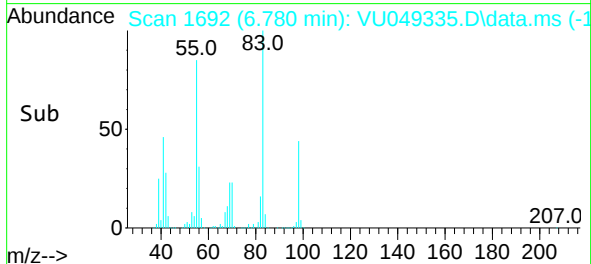
Instrument :
MSVOA_U
ClientSampleId :
C0AD8



Tgt Ion: 83 Resp: 397450
Ion Ratio Lower Upper
83 100
55 95.6 66.9 100.3
98 44.3 35.5 53.3

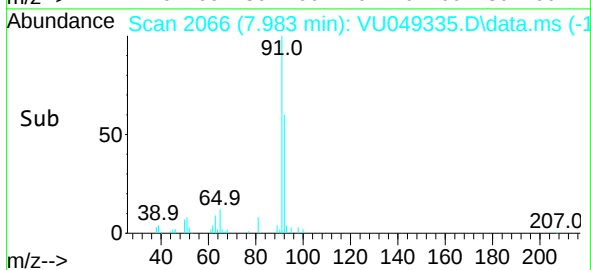
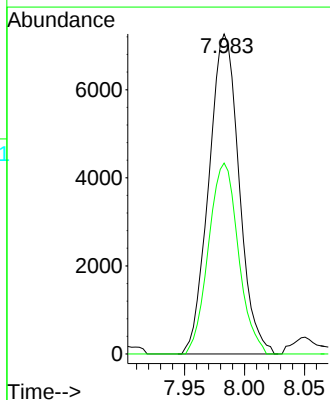
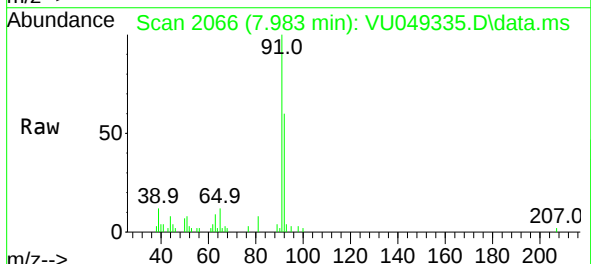
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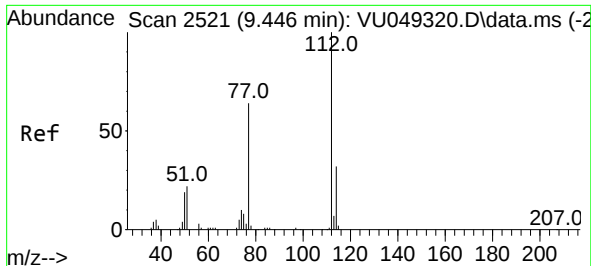
Reviewed By :Krupa Patel 06/22/2022
Supervised By :Mahesh Dadoda 06/22/2022



#42
Toluene
Concen: 0.326 ug/L
RT: 7.983 min Scan# 2066
Delta R.T. 0.013 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

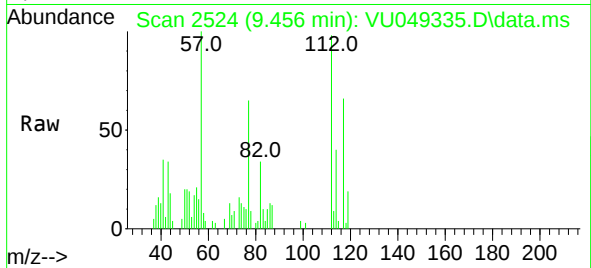
Tgt Ion: 91 Resp: 12747
Ion Ratio Lower Upper
91 100
92 59.6 40.0 74.2





#51
Chlorobenzene
Concen: 0.204 ug/L
RT: 9.456 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

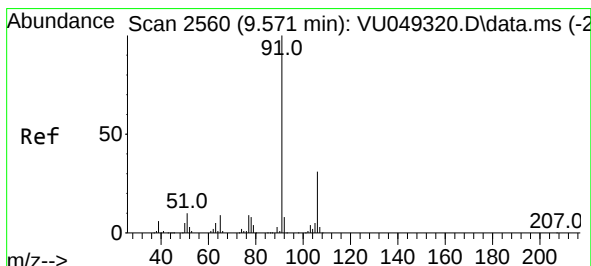
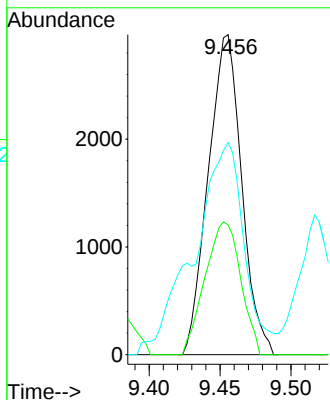
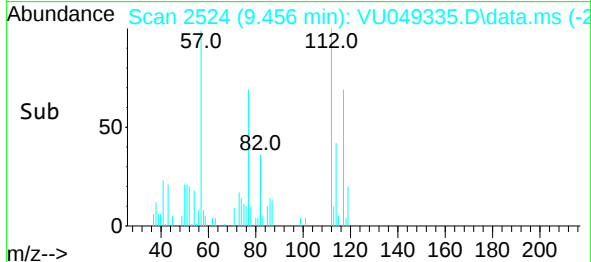
Instrument :
MSVOA_U
ClientSampleId :
C0AD8



Tgt Ion: 112 Resp: 486
Ion Ratio Lower Upper
112 100
114 40.6 22.3 41.3
77 66.3 51.0 76.6

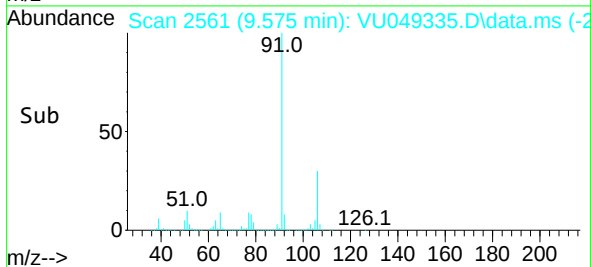
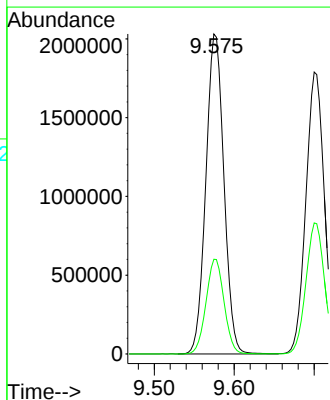
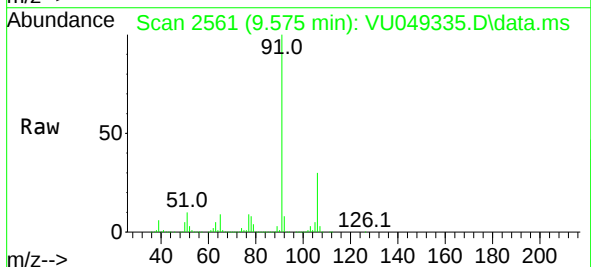
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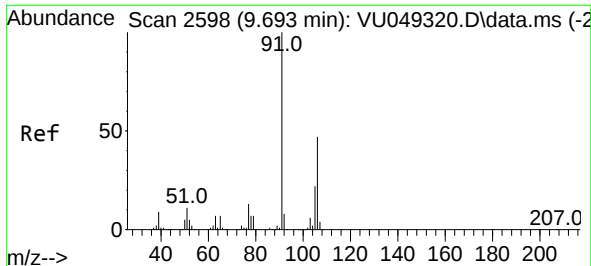
Reviewed By :Krupa Patel 06/22/2022
Supervised By :Mahesh Dadoda 06/22/2022



#52
Ethylbenzene
Concen: 74.474 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

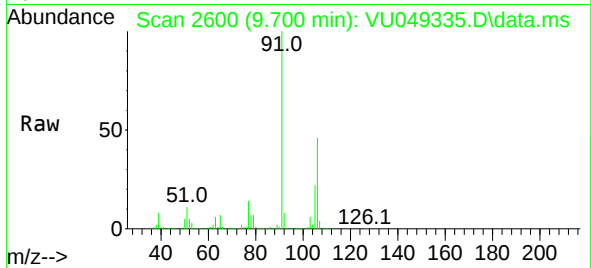
Tgt Ion: 91 Resp: 3185248
Ion Ratio Lower Upper
91 100
106 29.6 21.2 39.4





#53
m,p-Xylene
Concen: 84.139 ug/L
RT: 9.700 min Scan# 20
Delta R.T. 0.007 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

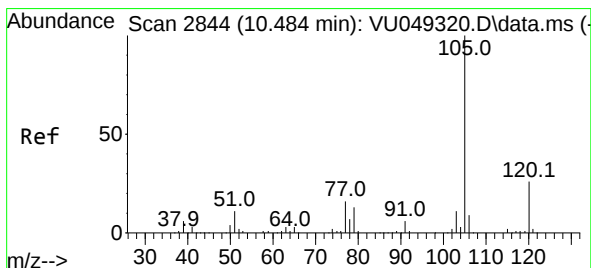
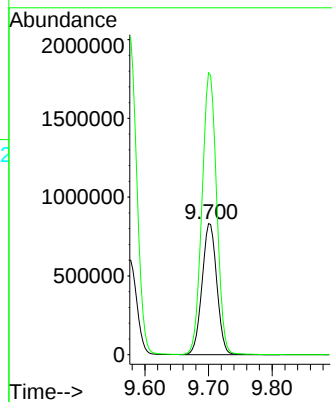
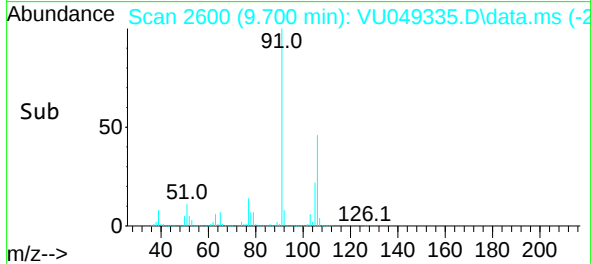
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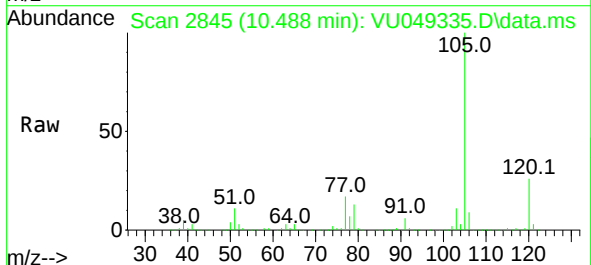
Tgt Ion:106 Resp: 1337319
Ion Ratio Lower Upper
106 100
91 215.2 148.5 275.7

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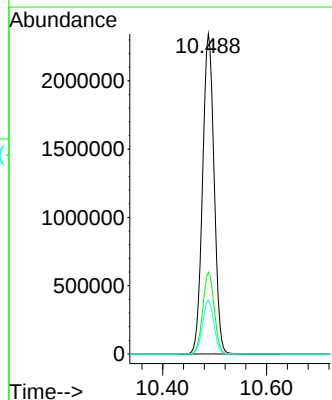
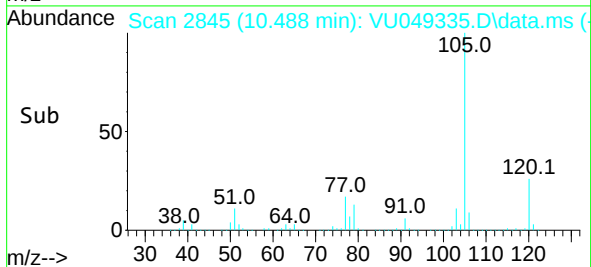
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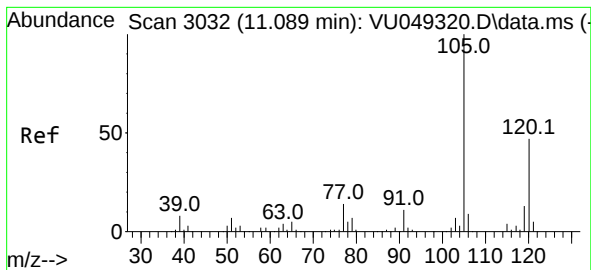


#60
Isopropylbenzene
Concen: 79.683 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42



Tgt Ion:105 Resp: 3591182
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 16.8 13.0 19.6





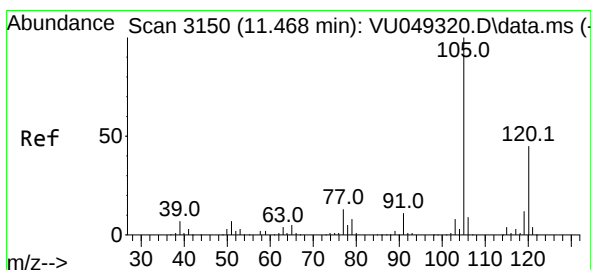
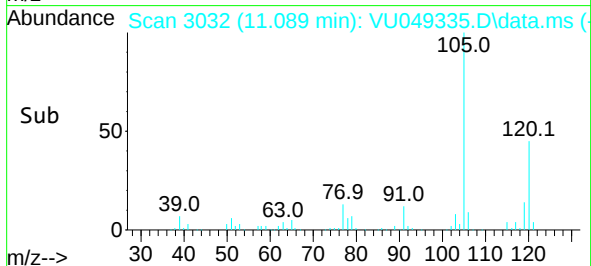
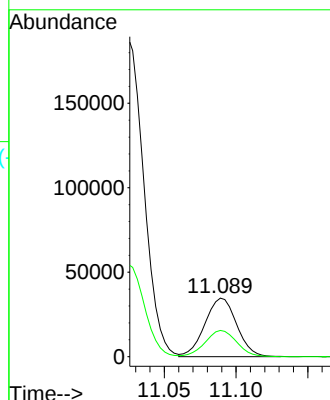
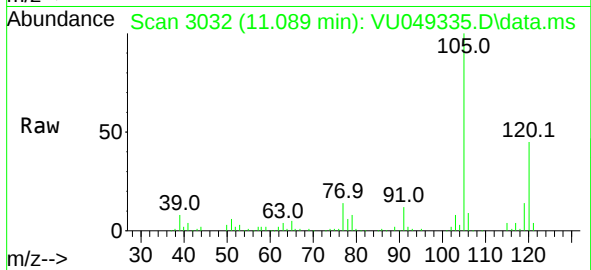
#62
1,3,5-Trimethylbenzene
Concen: 1.346 ug/L m
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

Instrument :
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ClientSampleId :
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Tgt Ion:105 Resp: 5354
Ion Ratio Lower Upper
105 100
120 210.5 37.8 56.6

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Supervised By :Mahesh Dadoda 06/22/2022



#63
1,2,4-Trimethylbenzene
Concen: 6.525 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049335.D
Acq: 21 Jun 2022 18:42

Tgt Ion:105 Resp: 257170
Ion Ratio Lower Upper
105 100
120 43.8 34.6 52.0

