

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045137.D
 Acq On : 05 Oct 2021 12:14
 Operator : SY/MD
 Sample : M3974-08ME
 Misc : 5.01g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW8Z2ME

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 2:23:16 PM

Quant Time: Oct 06 01:43:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330062	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	317790	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	150278	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	119912	33.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.38%		
7) Chloroethane-d5	1.906	69	58816	20.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	41.08%#		
11) 1,1-Dichloroethene-d2	2.539	63	172891	28.49	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.98%#		
21) 2-Butanone-d5	4.655	46	219578	76.87	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.87%		
24) Chloroform-d	5.067	84	215531	37.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.54%		
26) 1,2-Dichloroethane-d4	5.703	65	157684	40.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.58%		
32) Benzene-d6	5.726	84	460626	41.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.54%		
36) 1,2-Dichloropropane-d6	6.694	67	148301	41.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.50%		
41) Toluene-d8	7.903	98	412610	43.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.72%		
43) trans-1,3-Dichloroprop...	8.185	79	68811	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.04%		
47) 2-Hexanone-d5	8.671	63	159177	79.88	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.88%		
56) 1,1,2,2-Tetrachloroeth...	10.771	84	216147	38.60	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.20%		
66) 1,2-Dichlorobenzene-d4	12.201	152	147858	45.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.42%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.665	96	49302	16.62	ug/L	94
34) Trichloroethene	6.542	95	85115	30.06	ug/L	99
35) Methylcyclohexane	6.761	83	6118	1.29	ug/L	99
42) Toluene	7.973	91	6754	0.56	ug/L	91
52) Ethylbenzene	9.578	91	8887	0.70	ug/L	98
61) Isopropylbenzene	10.494	105	5725m	0.52	ug/L	
62) 1,3,5-Trimethylbenzene	11.095	105	11775	1.28	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	17712	1.88	ug/L	98

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

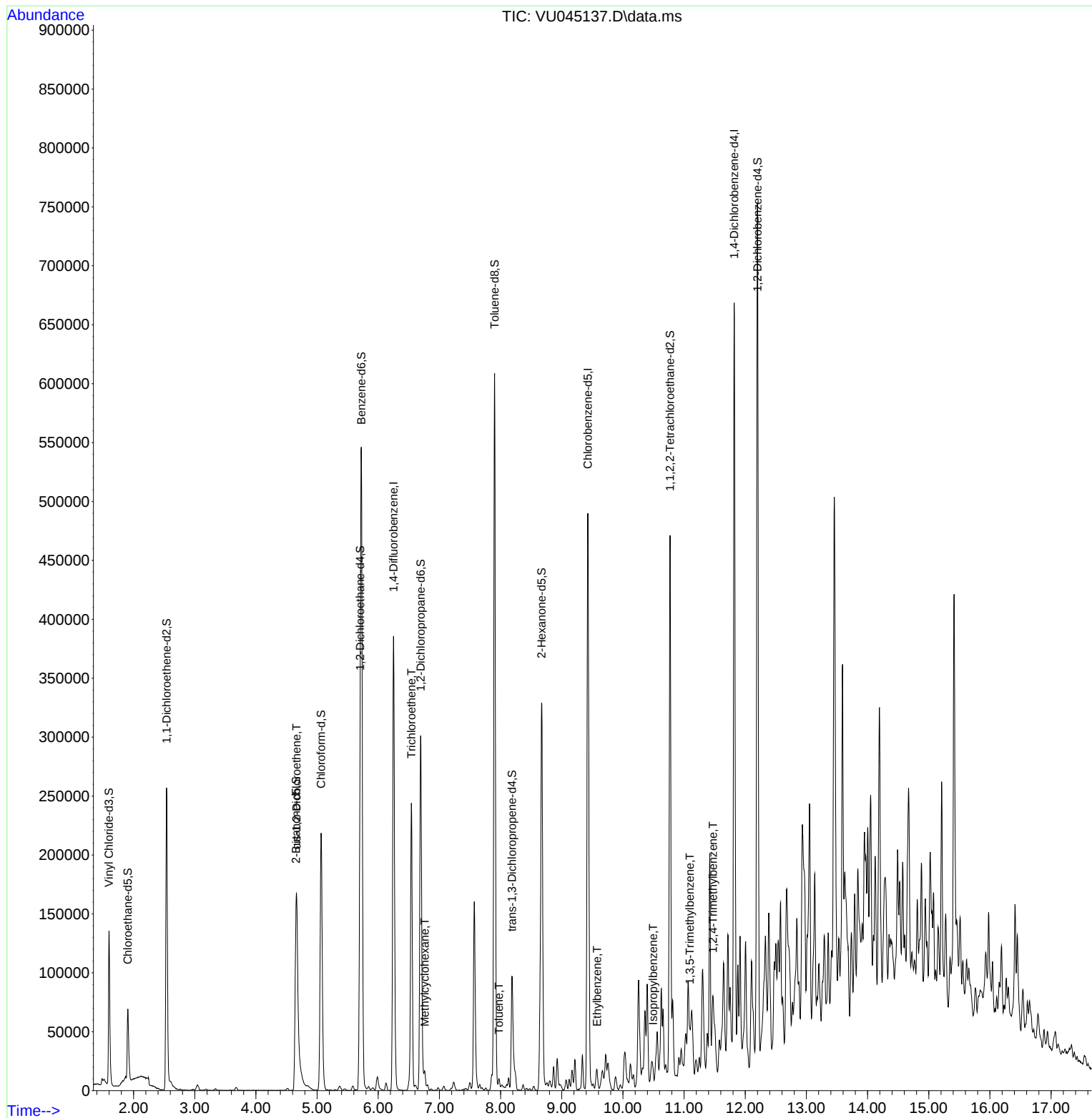
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
Data File : VU045137.D
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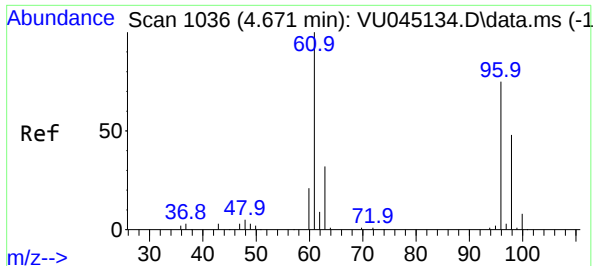
Instrument :
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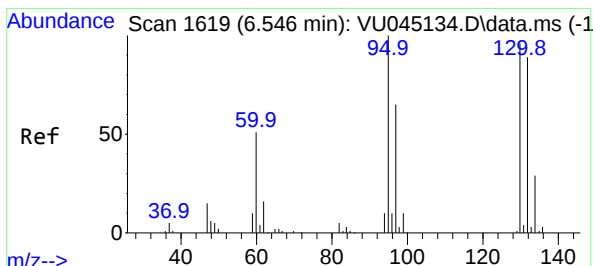
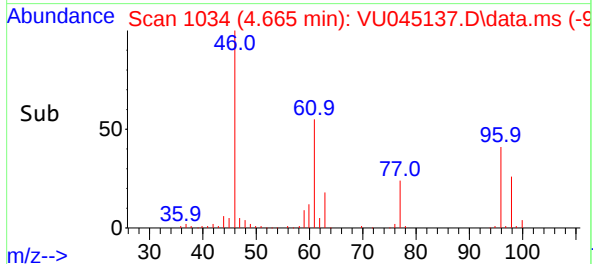
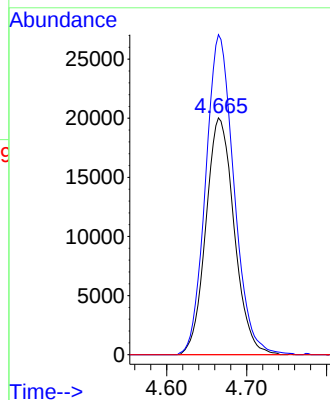
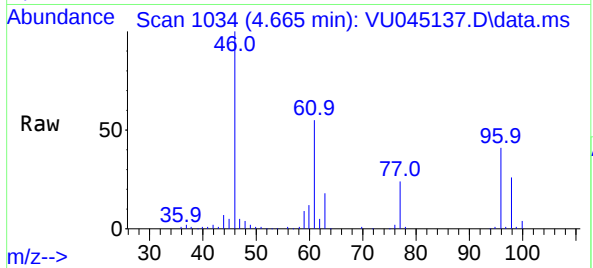
#20
cis-1,2-Dichloroethene
Concen: 16.62 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.006 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 96 Resp: 49302
Ion Ratio Lower Upper
96 100
61 135.1 100.2 186.0
68 0.0 0.0 0.0

Instrument :
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ClientSampleId :
EW8Z2ME

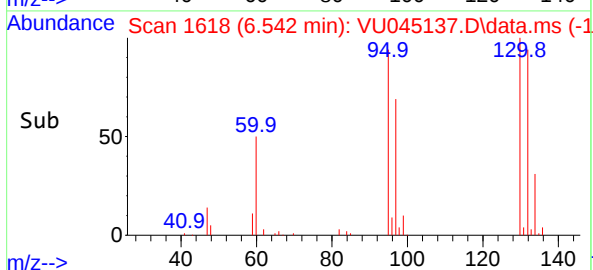
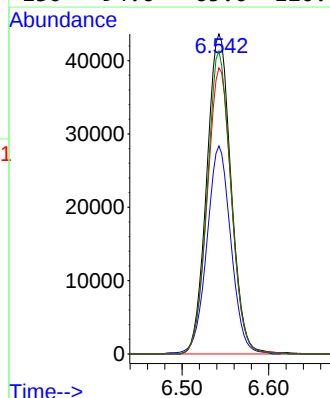
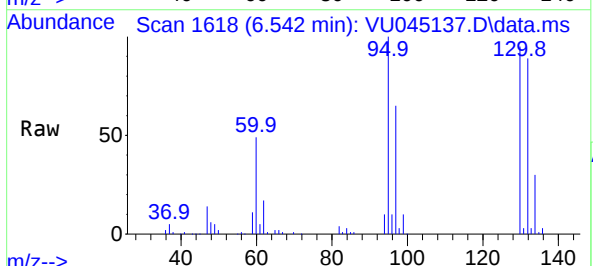
Manual Integrations
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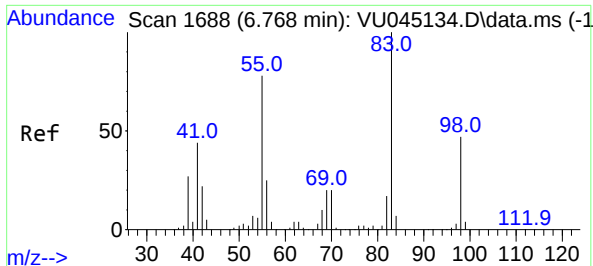
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#34
Trichloroethene
Concen: 30.06 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion: 95 Resp: 85115
Ion Ratio Lower Upper
95 100
97 65.0 44.4 82.4
132 89.4 62.9 116.9
130 94.6 65.0 120.8





#35

Methylcyclohexane

Concen: 1.29 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.006 min

Lab File: VU045137.D

Acq: 05 Oct 2021 12:14

Tgt Ion:	83	Resp:	6118
Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.8	98.6
98	45.7	37.1	55.7

Instrument :

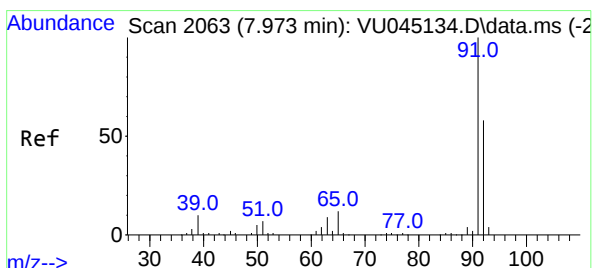
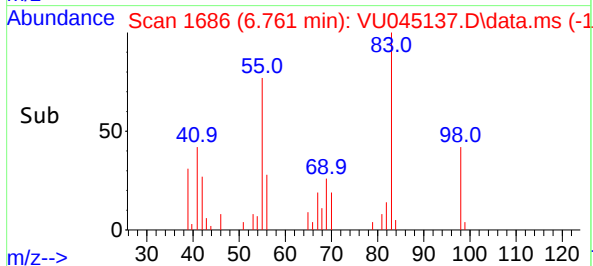
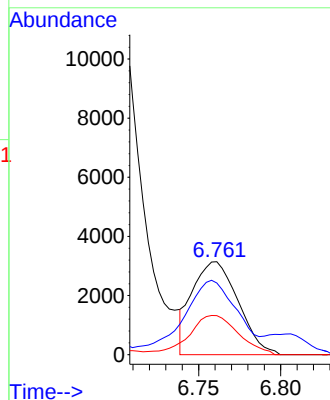
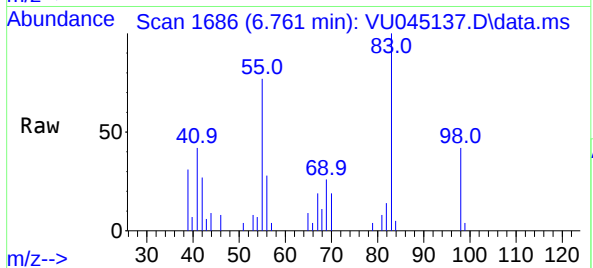
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#42

Toluene

Concen: 0.56 ug/L

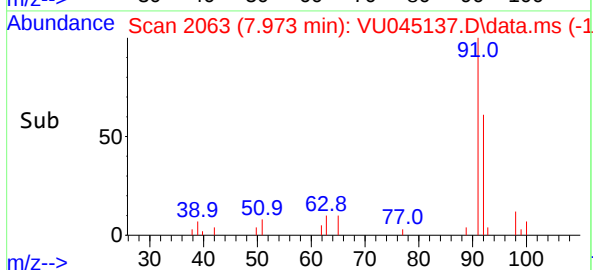
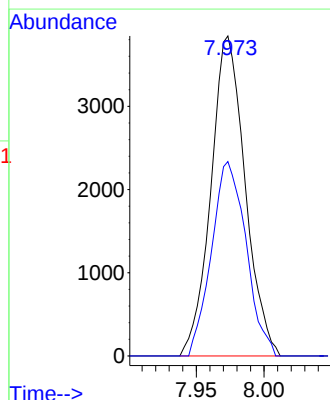
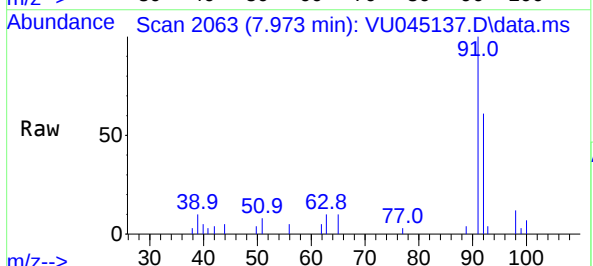
RT: 7.973 min Scan# 2063

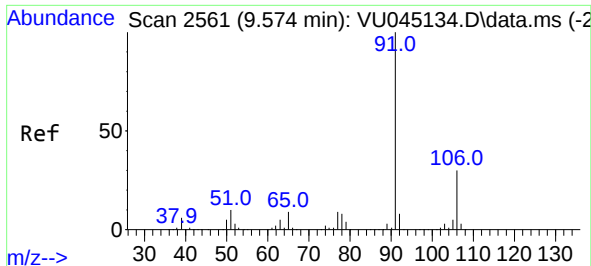
Delta R.T. 0.000 min

Lab File: VU045137.D

Acq: 05 Oct 2021 12:14

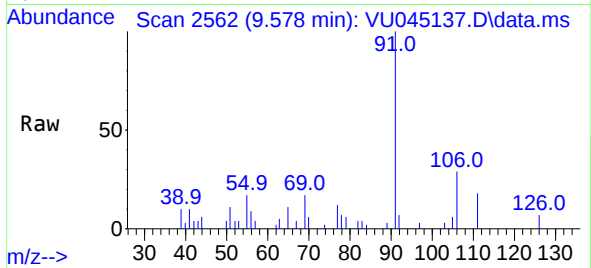
Tgt Ion:	91	Resp:	6754
Ion	Ratio	Lower	Upper
91	100		
92	64.8	40.5	75.1





#52
Ethylbenzene
Concen: 0.70 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

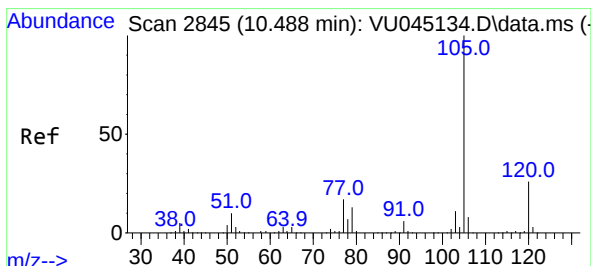
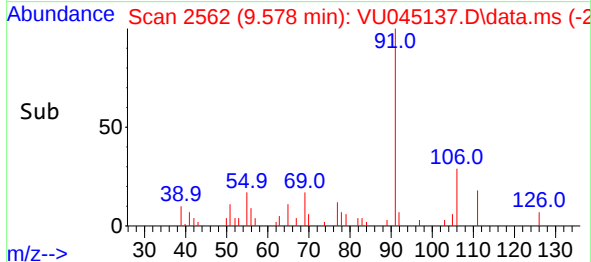
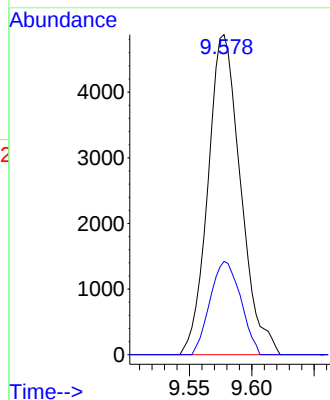
Instrument :
MSVOA_U
ClientSampled :
EW8Z2ME



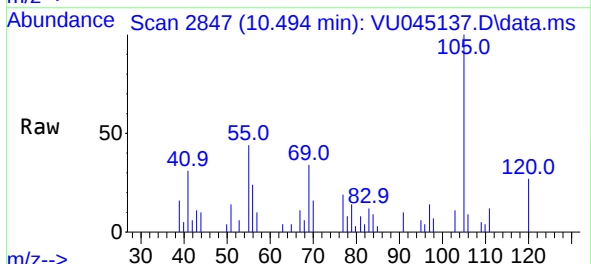
Tgt Ion: 91 Resp: 8887
Ion Ratio Lower Upper
91 100
106 29.1 21.2 39.4

Manual Integrations
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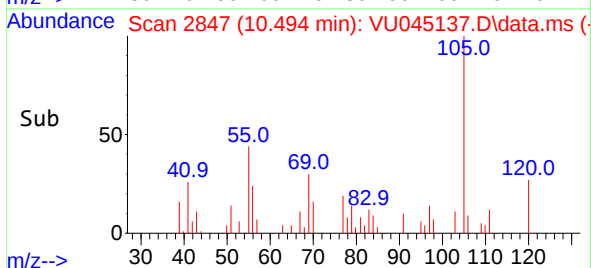
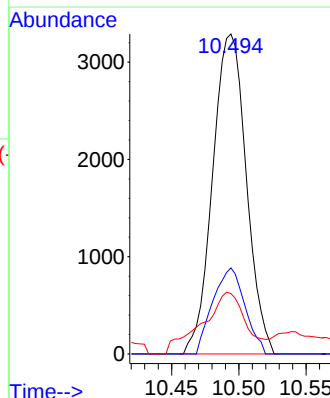
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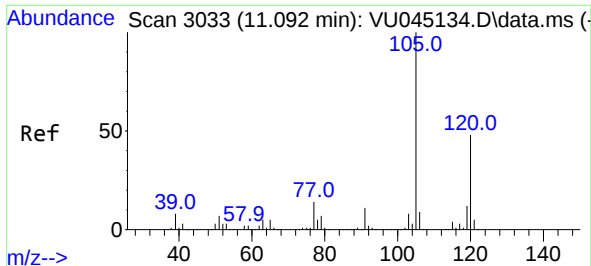


#61
Isopropylbenzene
Concen: 0.52 ug/L m
RT: 10.494 min Scan# 2847
Delta R.T. 0.006 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14



Tgt Ion: 105 Resp: 5725
Ion Ratio Lower Upper
105 100
120 66.3 20.5 30.7#
77 37.3 13.5 20.3#





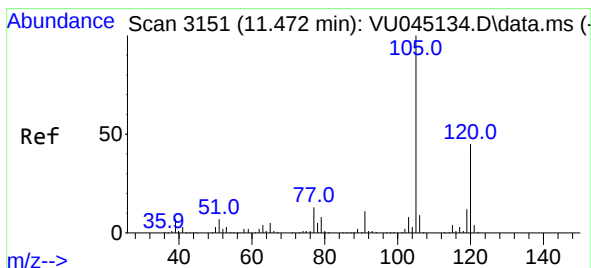
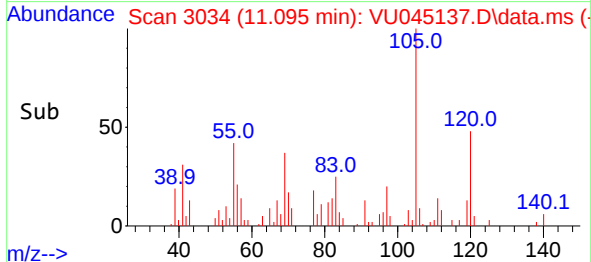
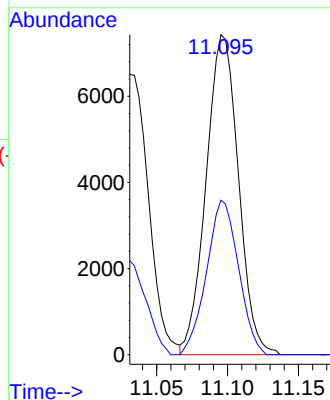
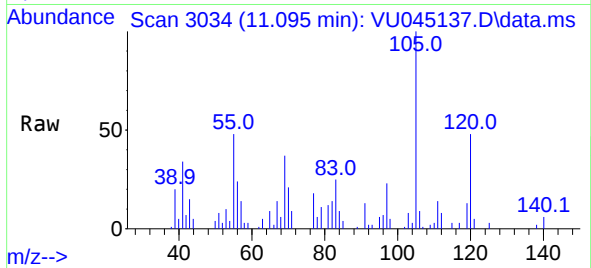
#62
1,3,5-Trimethylbenzene
Concen: 1.28 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion:105 Resp: 11775
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2

Instrument :
MSVOA_U
ClientSampleId :
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#63
1,2,4-Trimethylbenzene
Concen: 1.88 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU045137.D
Acq: 05 Oct 2021 12:14

Tgt Ion:105 Resp: 17712
Ion Ratio Lower Upper
105 100
120 43.1 35.7 53.5

