

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022511.D
 Acq On : 02 Oct 2021 15:19
 Operator : SY/MD
 Sample : M3996-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4A29

Manual Integrations
 APPROVED

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 10/6/2021 2:27:37 PM

Quant Time: Oct 04 02:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	222082	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	205129	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	101587	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68485	49.862	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 99.720%			
7) Chloroethane-d5	1.568	69	55588	51.487	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.980%			
11) 1,1-Dichloroethene-d2	2.108	63	103121	38.077	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.160%			
21) 2-Butanone-d5	3.889	46	100951	133.527	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 133.530%#			
24) Chloroform-d	4.349	84	102270	40.755	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.500%			
26) 1,2-Dichloroethane-d4	5.034	65	76496	52.550	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.100%			
32) Benzene-d6	5.050	84	252833	53.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.400%			
36) 1,2-Dichloropropane-d6	6.072	67	79432	54.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.600%			
41) Toluene-d8	7.317	98	230434	52.863	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.720%			
43) trans-1,3-Dichloroprop...	7.622	79	33423	48.288	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.580%			
47) 2-Hexanone-d5	8.091	63	65162	107.522	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.520%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	103942	51.095	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.180%			
66) 1,2-Dichlorobenzene-d4	11.625	152	92937	56.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.200%			
Target Compounds					Qvalue	
13) Acetone	2.185	43	12214m	12.789	ug/L	
18) Methyl tert-butyl Ether	2.767	73	120853	22.987	ug/L #	75
25) Chloroform	4.375	83	21909	7.226	ug/L	96
29) Cyclohexane	4.680	56	22310	9.331	ug/L #	93
33) Benzene	5.101	78	80099	12.647	ug/L	100
34) Trichloroethene	5.928	95	5050	3.054	ug/L	95
35) Methylcyclohexane	6.130	83	12734	5.078	ug/L #	78
60) Isopropylbenzene	9.937	105	5152	0.797	ug/L #	91

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

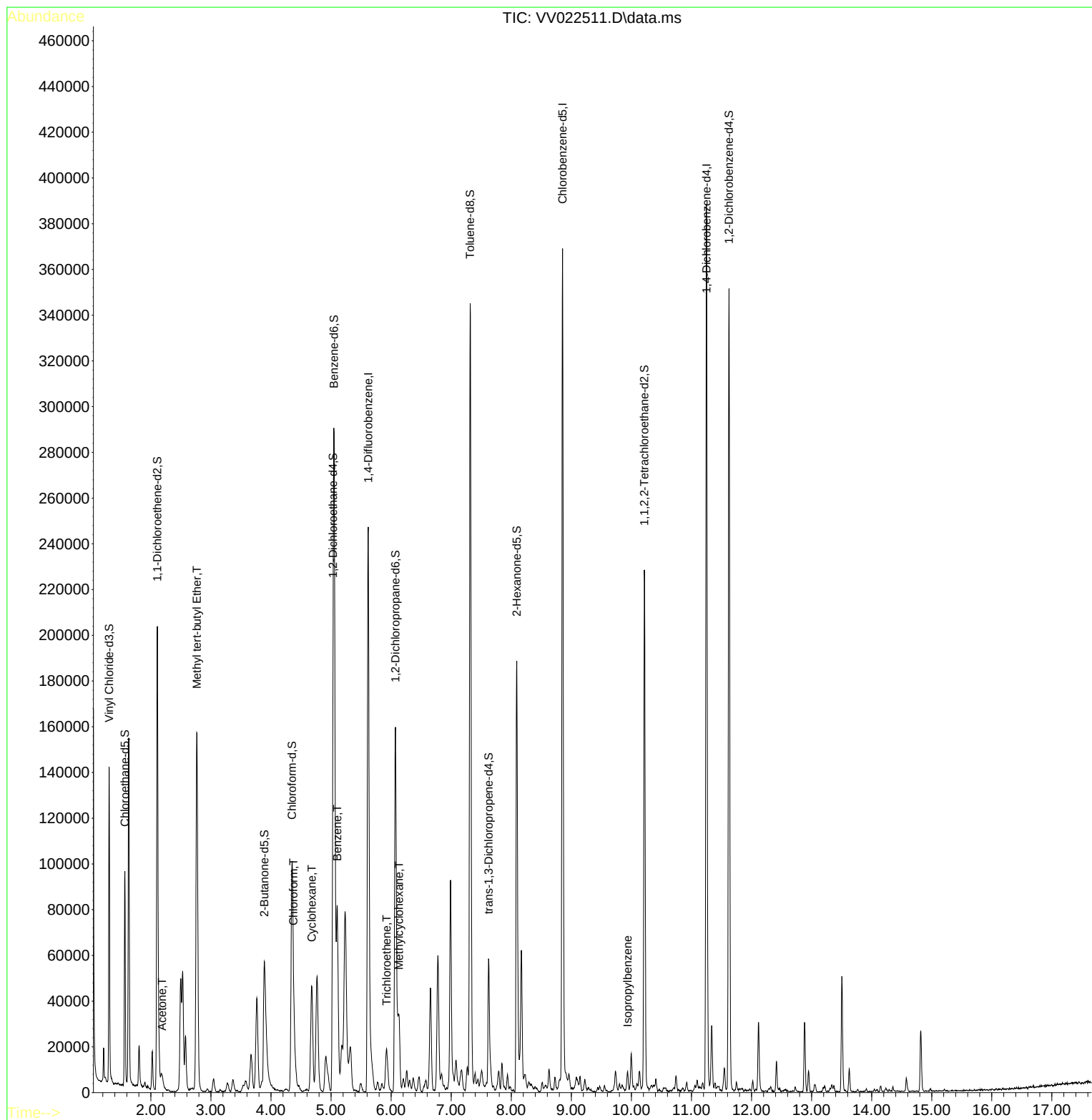
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
Data File : VV022511.D
Acq On : 02 Oct 2021 15:19
Operator : SY/MD
Sample : M3996-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

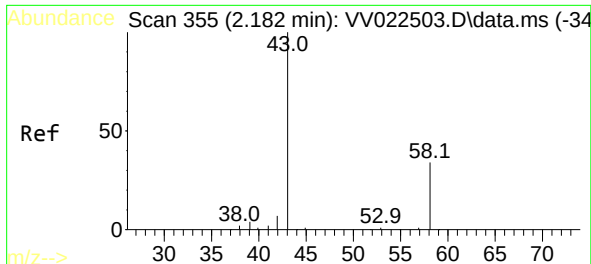
Instrument :
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ClientSampleId :
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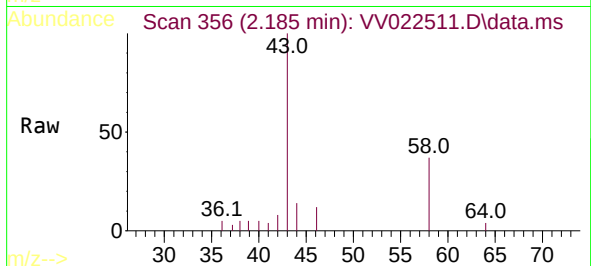
Quant Time: Oct 04 02:00:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 01:01:56 2021
Response via : Initial Calibration





#13
Acetone
Concen: 12.789 ug/L m
RT: 2.185 min Scan# 356
Delta R.T. 0.003 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

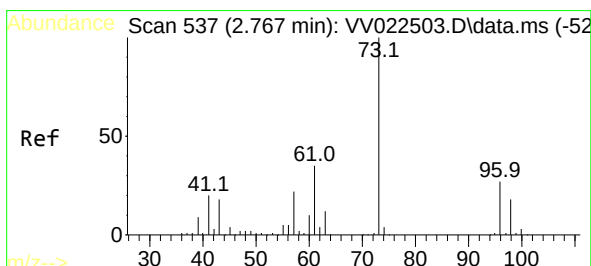
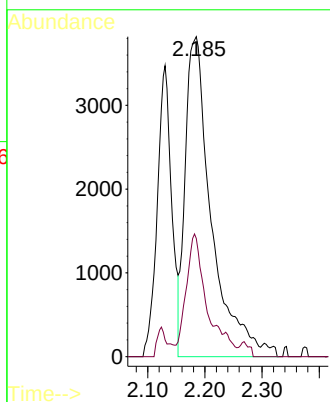
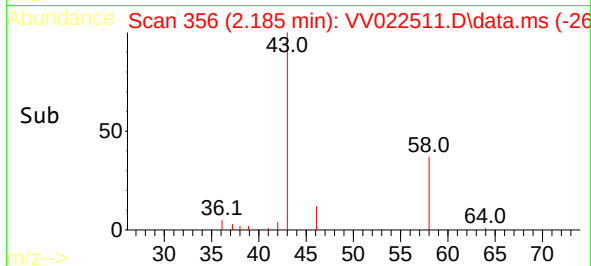
Instrument :
MSVOA_V
ClientSampled :
F4A29



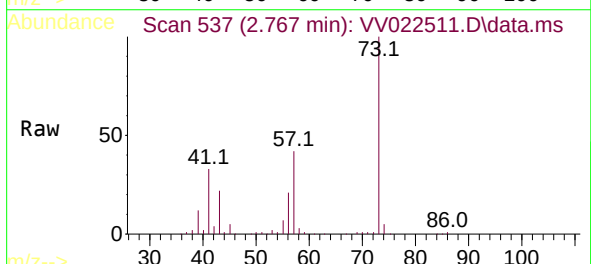
Tgt Ion: 43 Resp: 12214
Ion Ratio Lower Upper
43 100
58 2.7 0.0 21.2

Manual Integrations
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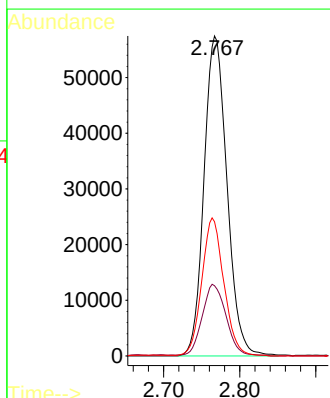
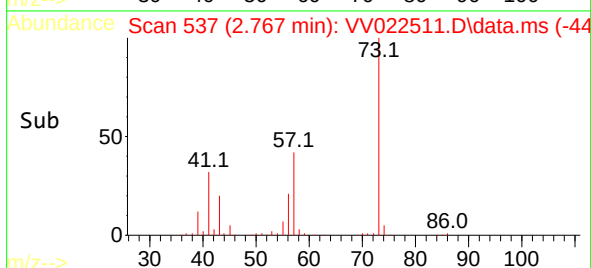
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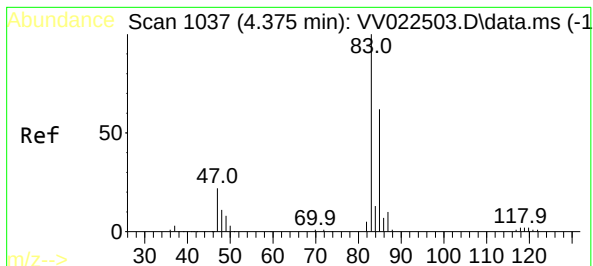


#18
Methyl tert-butyl Ether
Concen: 22.987 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19



Tgt Ion: 73 Resp: 120853
Ion Ratio Lower Upper
73 100
43 22.8 15.1 22.7#
57 41.0 17.6 26.4#





#25

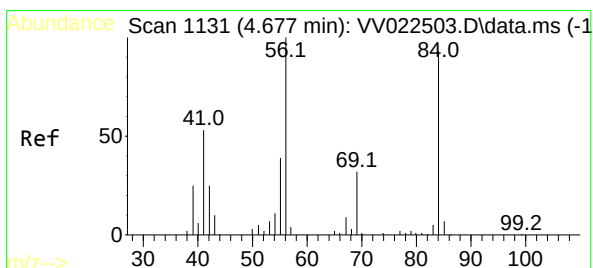
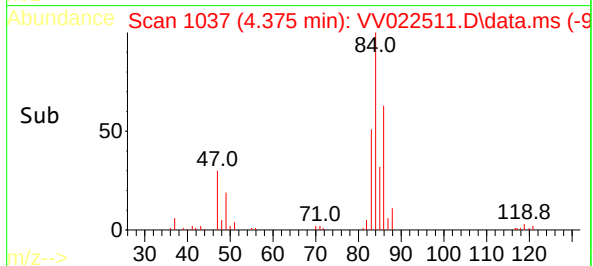
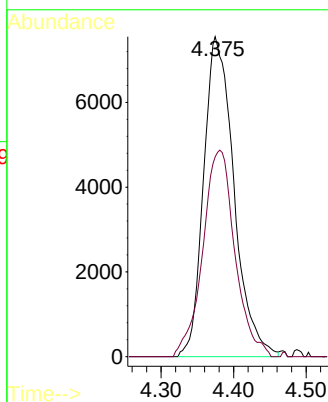
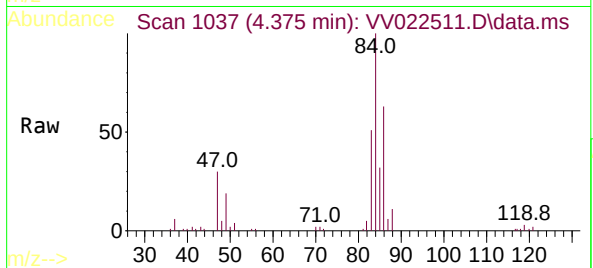
Chloroform
Concen: 7.226 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 83 Resp: 21909
Ion Ratio Lower Upper
83 100
85 62.4 45.8 85.0

Instrument :
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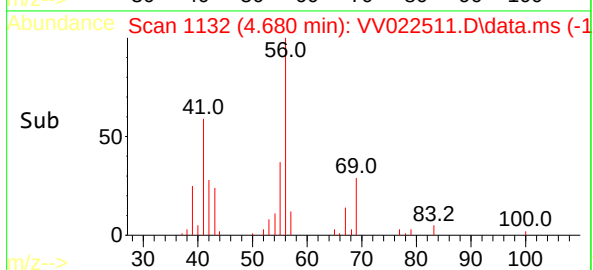
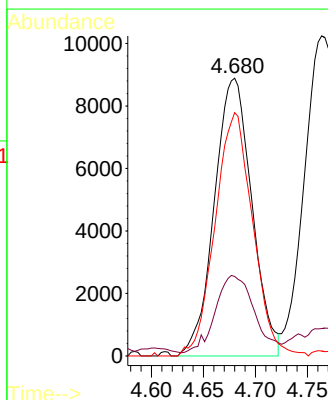
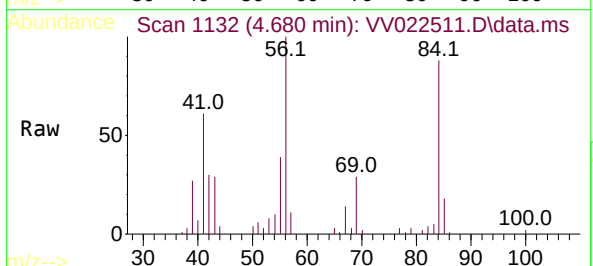
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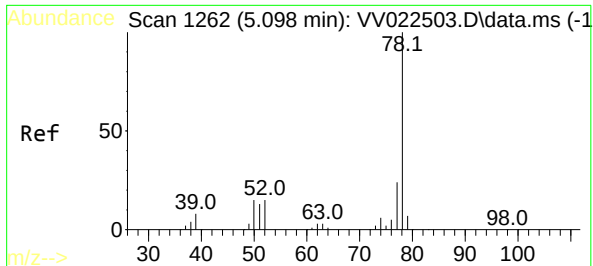


#29

Cyclohexane
Concen: 9.331 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 56 Resp: 22310
Ion Ratio Lower Upper
56 100
69 23.3 24.9 37.3#
84 87.7 73.9 110.9





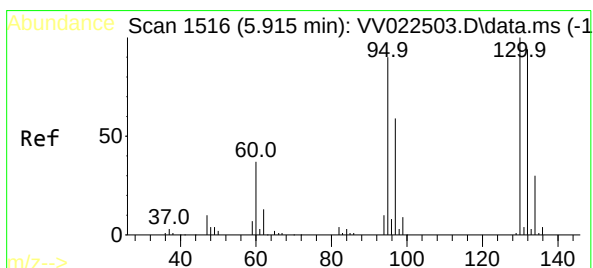
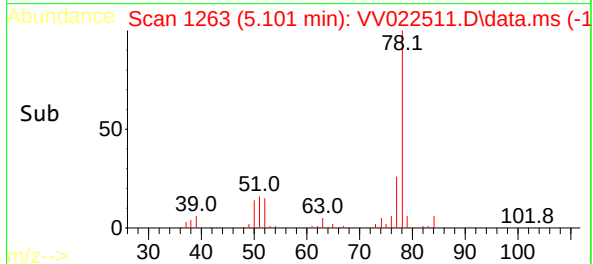
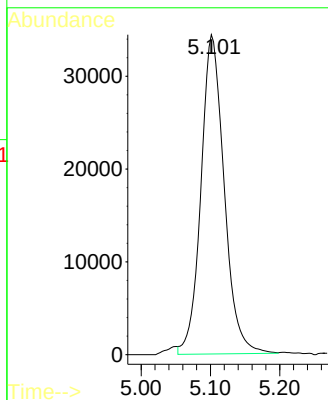
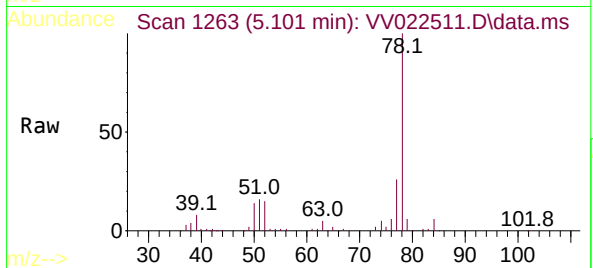
#33
Benzene
Concen: 12.647 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 78 Resp: 80099

Instrument :
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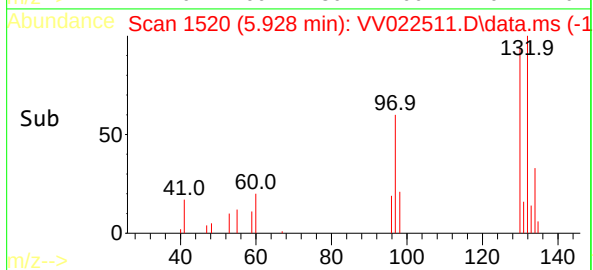
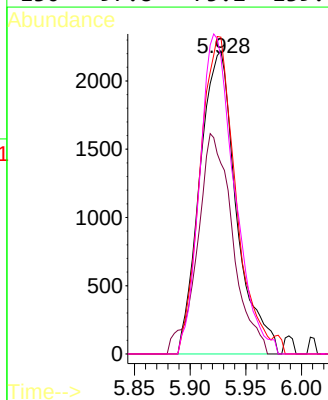
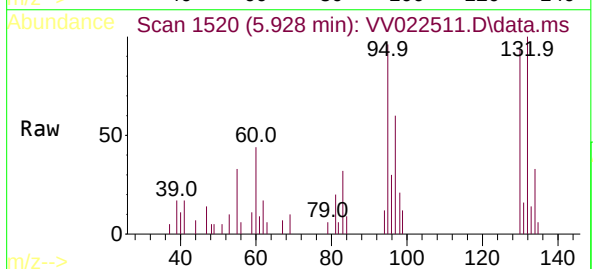
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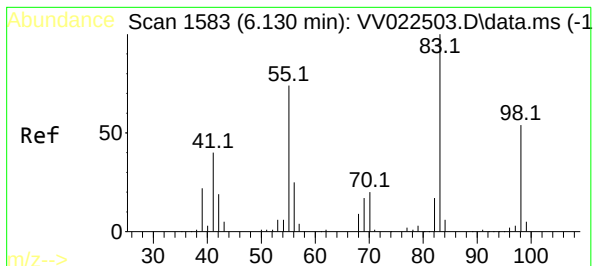


#34
Trichloroethene
Concen: 3.054 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.013 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 95 Resp: 5050

Ion	Ratio	Lower	Upper
95	100		
97	62.9	45.4	84.4
132	104.5	71.5	132.9
130	97.8	75.2	139.6





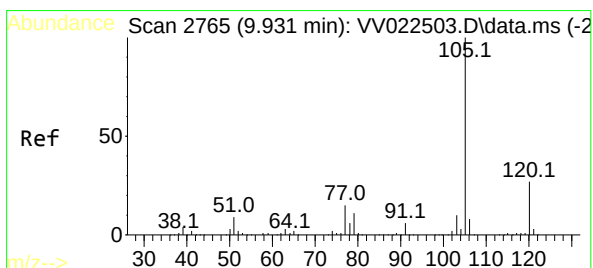
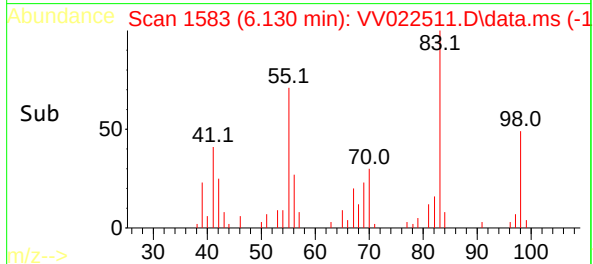
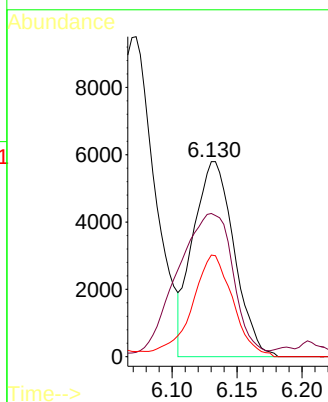
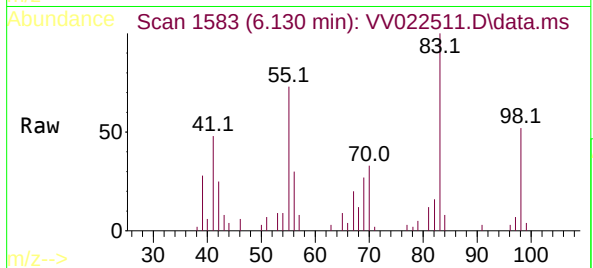
#35
Methylcyclohexane
Concen: 5.078 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 83 Resp: 12734
Ion Ratio Lower Upper
83 100
55 100.7 56.7 85.1#
98 52.2 40.6 60.8

Instrument :
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#60
Isopropylbenzene
Concen: 0.797 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.006 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 105 Resp: 5152
Ion Ratio Lower Upper
105 100
120 21.9 21.6 32.4
77 18.7 12.0 18.0#

