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 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

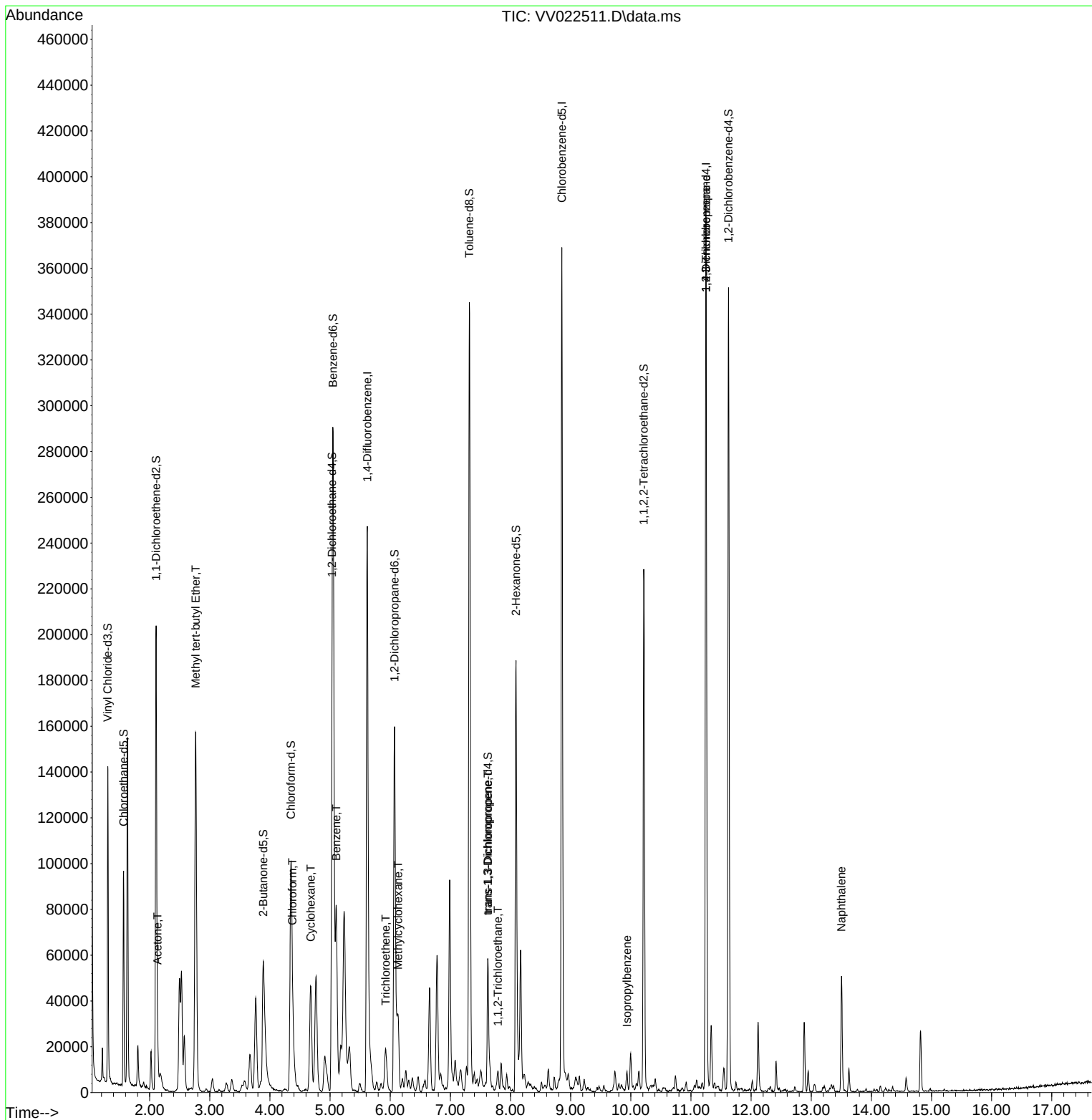
Instrument :
 MSVOA_V
 ClientSampleId :

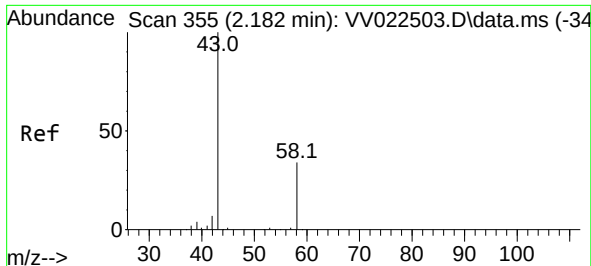
Quant Time: Oct 04 02:00:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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						
13) Acetone	2.130	43	6062	6.347	ug/L	86
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
44) trans-1,3-Dichloropropene	7.625	75	1624	0.692	ug/L #	82
45) 1,1,2-Trichloroethane	7.792	97	3128	1.863	ug/L #	22
60) Isopropylbenzene	9.937	105	5152	0.797	ug/L #	91
61) 1,2,3-Trichloropropane	11.249	75	10355	5.360	ug/L #	63
71) Naphthalene	13.503	128	40681	5.639	ug/L	99

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

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

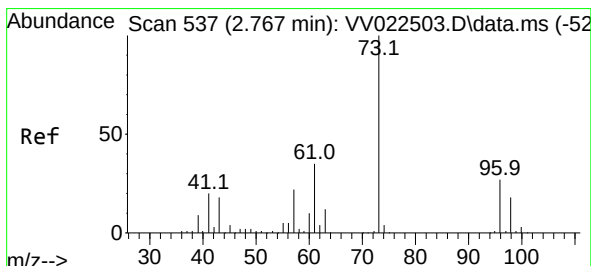
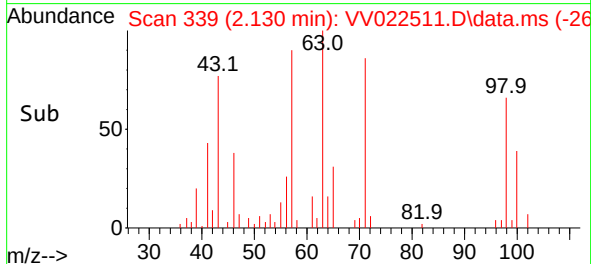
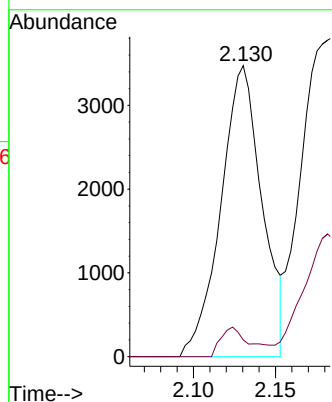
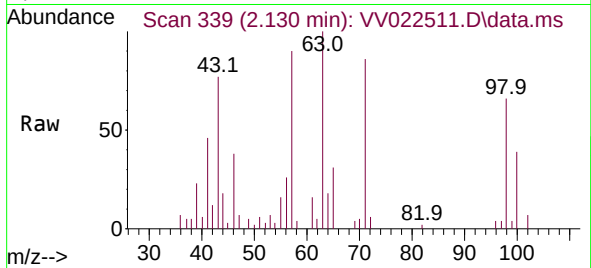




#13
Acetone
Concen: 6.347 ug/L
RT: 2.130 min Scan# 339
Delta R.T. -0.052 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

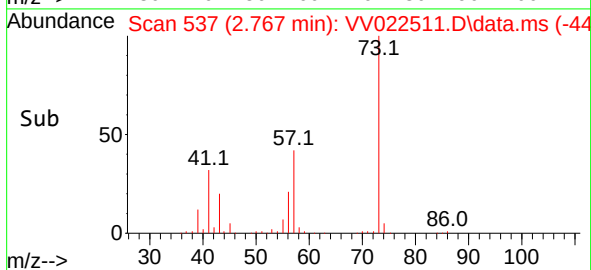
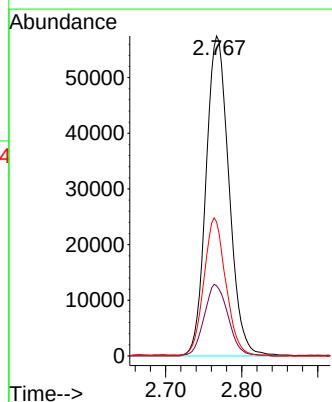
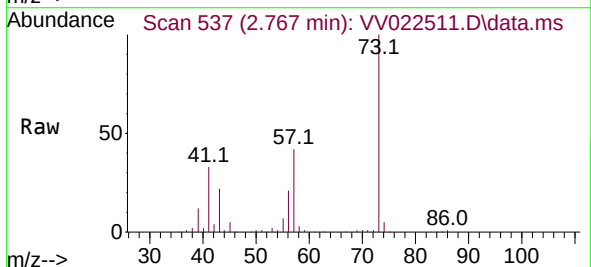
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MSVOA_V
ClientSampleId :

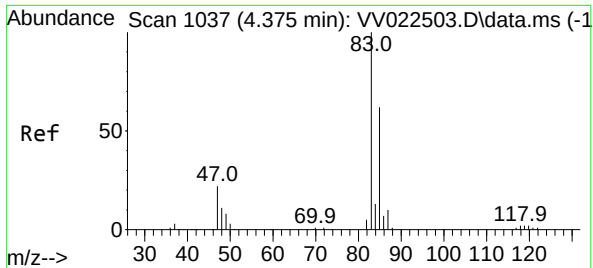
Tgt Ion: 43 Resp: 6062
Ion Ratio Lower Upper
43 100
58 5.4 0.0 21.2



#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#

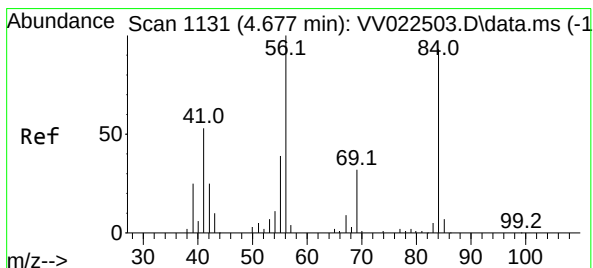
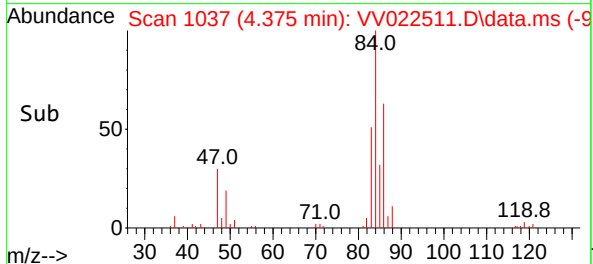
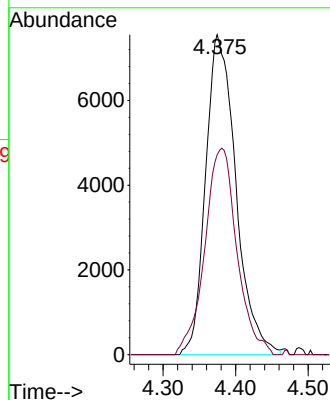
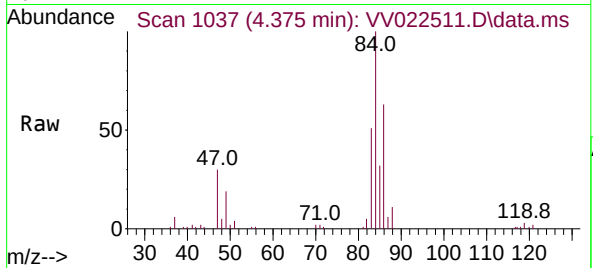




#25
Chloroform
Concen: 7.226 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

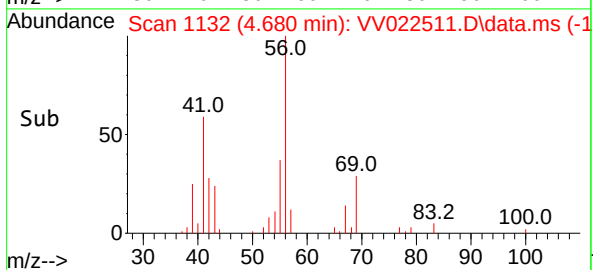
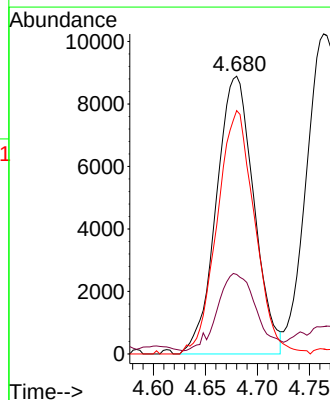
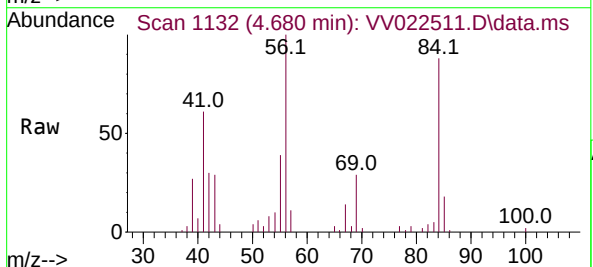
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MSVOA_V
ClientSampled :

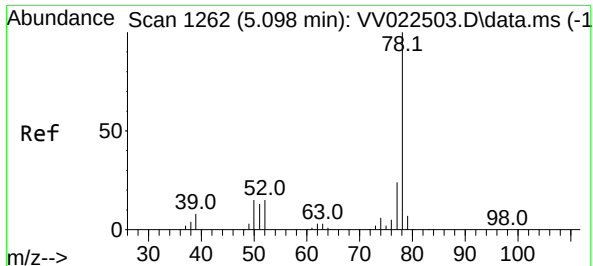
Tgt Ion: 83 Resp: 21909
Ion Ratio Lower Upper
83 100
85 62.4 45.8 85.0



#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

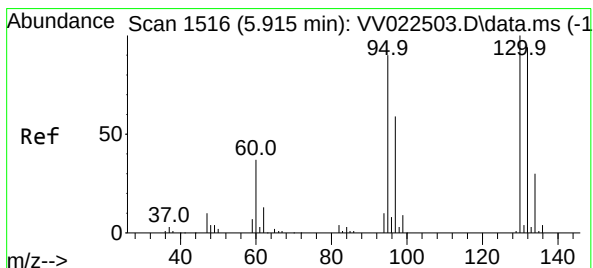
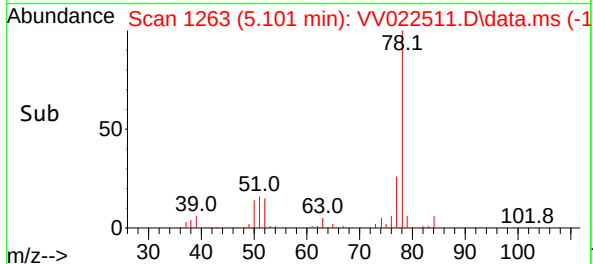
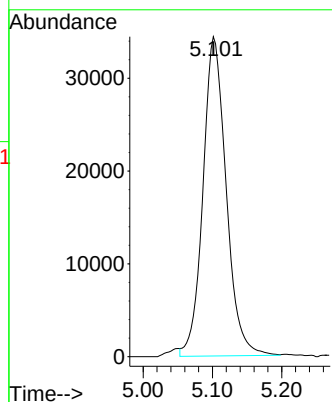
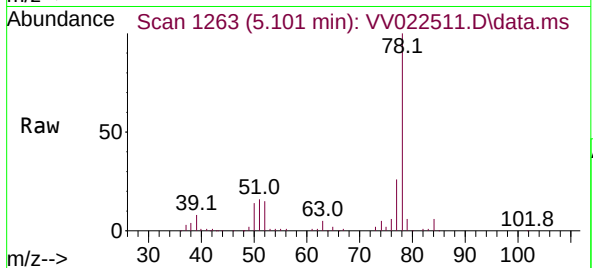
Tgt Ion: 56 Resp: 22310
Ion Ratio Lower Upper
56 100
69 23.3 24.9 37.3#
84 87.7 73.9 110.9





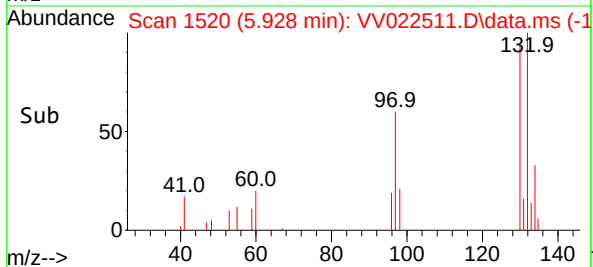
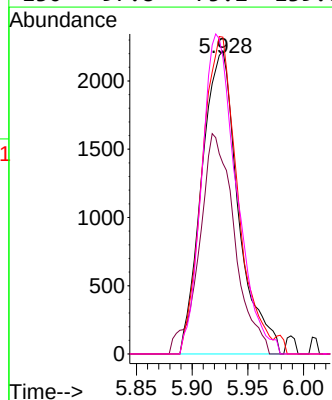
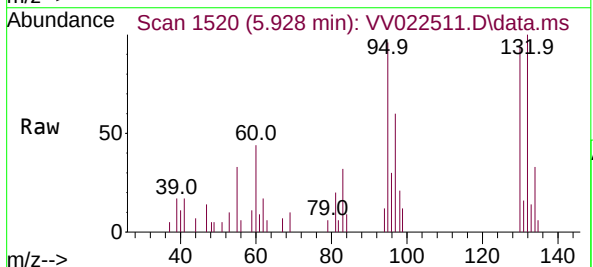
#33
Benzene
Concen: 12.647 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19
Tgt Ion: 78 Resp: 80099

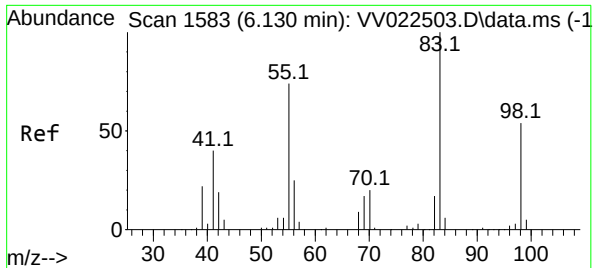
Instrument :
MSVOA_V
ClientSampled :



#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

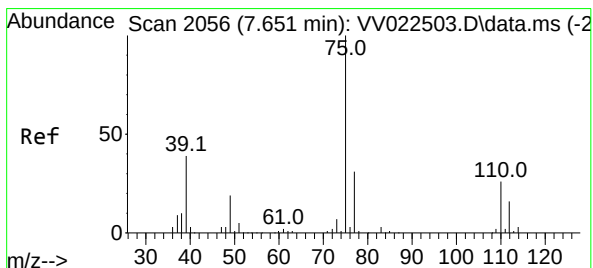
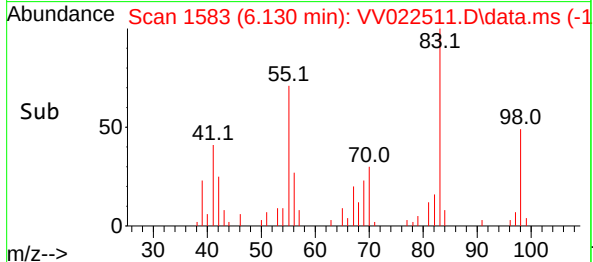
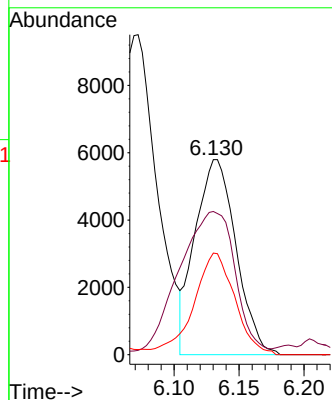
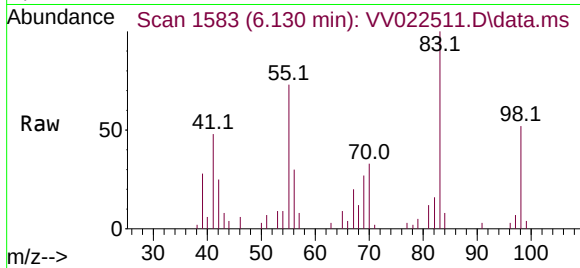




#35
Methylcyclohexane
Concen: 5.078 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

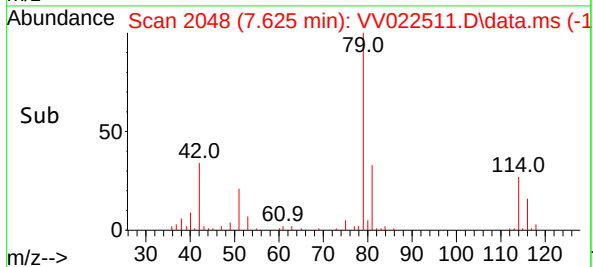
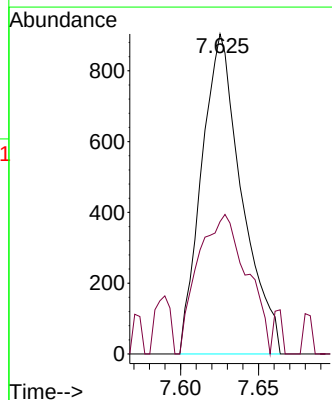
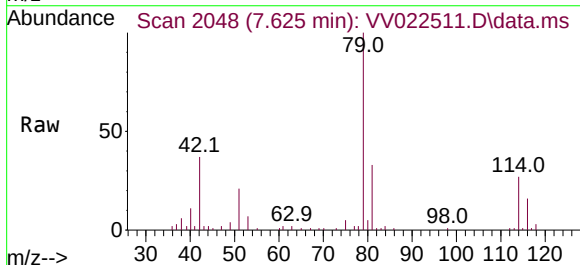
Instrument :
MSVOA_V
ClientSampled :

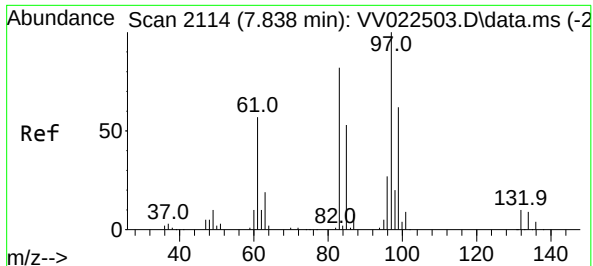
Tgt Ion: 83 Resp: 12734
Ion Ratio Lower Upper
83 100
55 100.7 56.7 85.1#
98 52.2 40.6 60.8



#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 75 Resp: 1624
Ion Ratio Lower Upper
75 100
77 41.4 22.0 40.8#

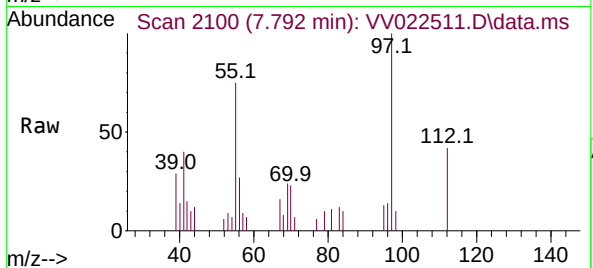




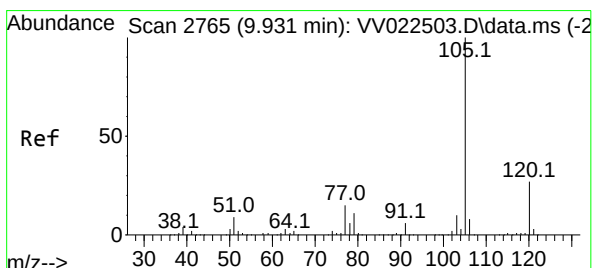
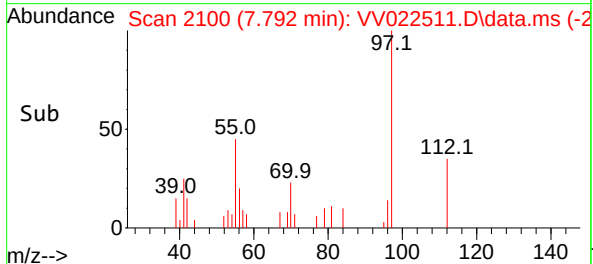
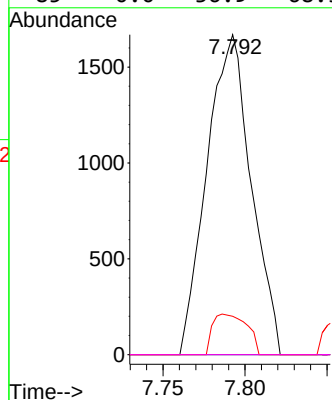
#45

1,1,2-Trichloroethane
Concen: 1.863 ug/L
RT: 7.792 min Scan# 2100
Delta R.T. -0.045 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

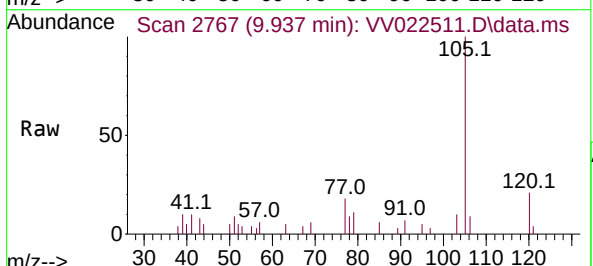


Tgt Ion:	97	Resp:	3128
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.1	80.1#
83	12.0	58.6	108.8#
85	0.0	36.9	68.5#

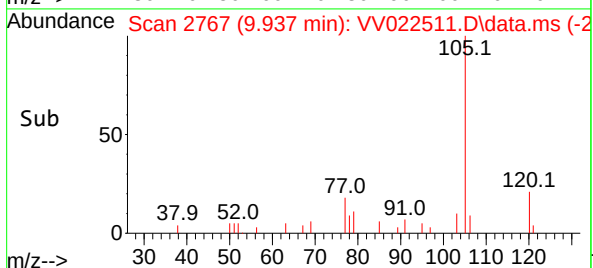
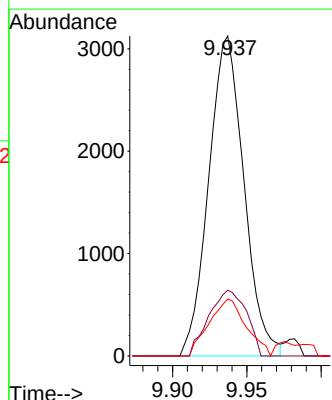


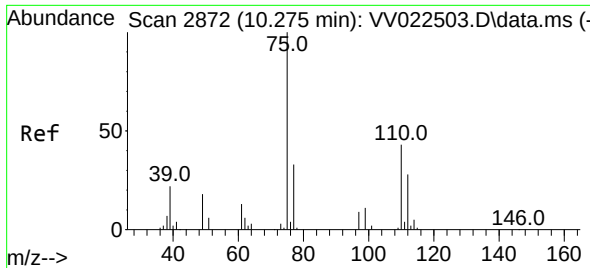
#60

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#

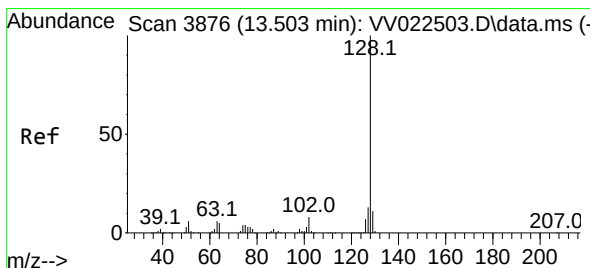
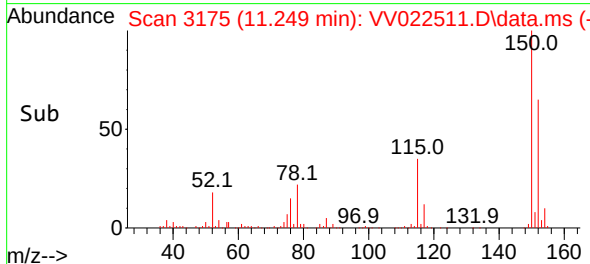
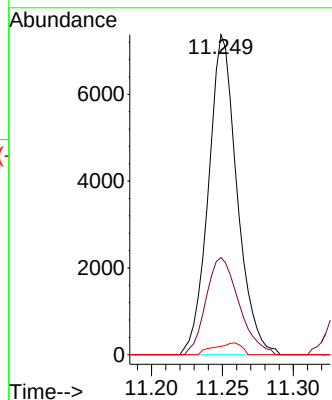
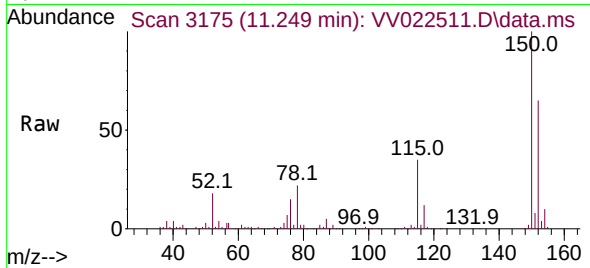




#61
1,2,3-Trichloropropane
Concen: 5.360 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 10355
Ion Ratio Lower Upper
75 100
77 34.9 26.0 39.0
110 3.5 34.3 51.5#



#71
Naphthalene
Concen: 5.639 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022511.D
Acq: 02 Oct 2021 15:19

Tgt Ion: 128 Resp: 40681
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.8 8.7 13.1

