

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046510.D
 Acq On : 20 Dec 2021 15:23
 Operator : SY/MD
 Sample : M5150-22
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 21 00:15:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

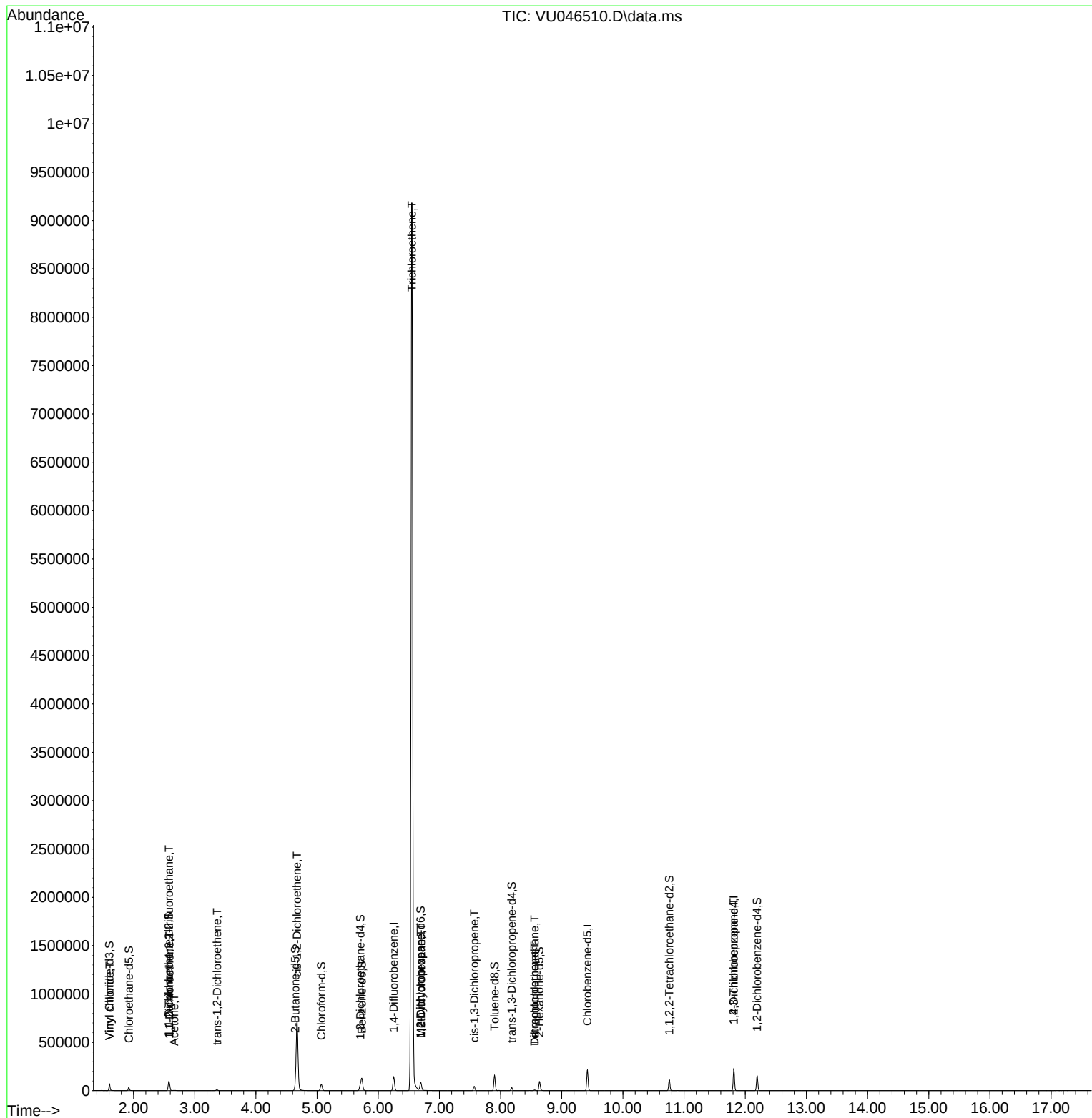
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

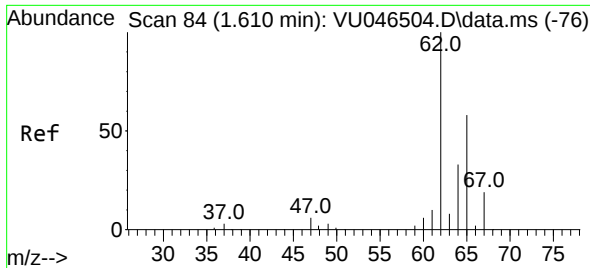
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	115954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	57827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	36208	37.907	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.820%
7) Chloroethane-d5	1.922	69	27725	37.805	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.575	63	53096	30.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.940%
21) 2-Butanone-d5	4.645	46	51050	67.232	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.230%
24) Chloroform-d	5.070	84	61590	38.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.220%
26) 1,2-Dichloroethane-d4	5.706	65	42053	39.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.560%
32) Benzene-d6	5.732	84	121389	36.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.140%
36) 1,2-Dichloropropane-d6	6.694	67	38131	36.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.120%
41) Toluene-d8	7.902	98	103784	33.869	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.740%#
43) trans-1,3-Dichloroprop...	8.182	79	18235	36.217	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.440%
47) 2-Hexanone-d5	8.636	63	36119	73.037	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53944	34.103	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	68.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	39924	35.850	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.700%#
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	20648	18.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	343	0.407	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	12716	15.860	ug/L #	54
13) Acetone	2.665	43	5163	5.441	ug/L	48
17) trans-1,2-Dichloroethene	3.366	96	4373	5.154	ug/L	96
20) cis-1,2-Dichloroethene	4.671	96	375145	407.483	ug/L	100
34) Trichloroethene	6.549	95	3242121	3462.931	ug/L	96
35) Methylcyclohexane	6.697	83	9385	6.465	ug/L #	20
37) 1,2-Dichloropropane	6.697	63	4028	4.327	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1155	0.816	ug/L #	79
46) Tetrachloroethene	8.558	164	1690	2.456	ug/L	97
49) Dibromochloromethane	8.558	129	1744	1.778	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	6970	5.498	ug/L #	65

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

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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

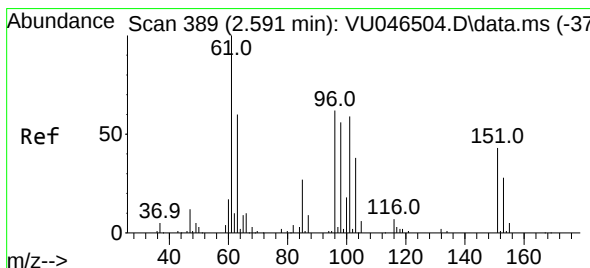
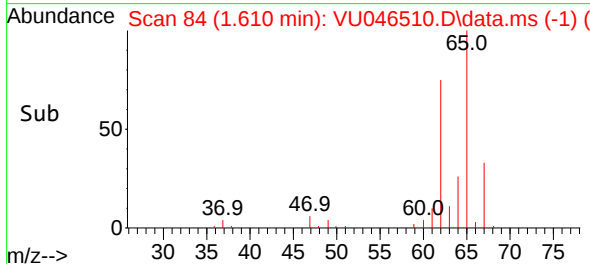
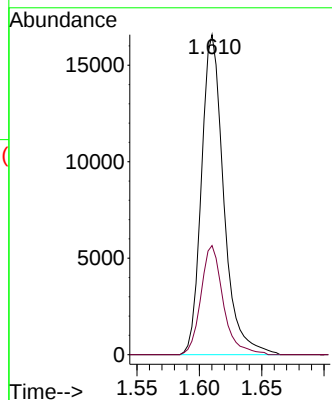
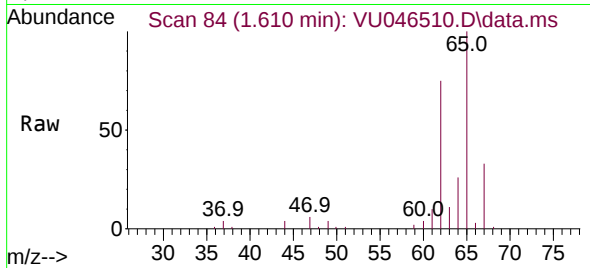
Quant Time: Dec 21 00:15:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration





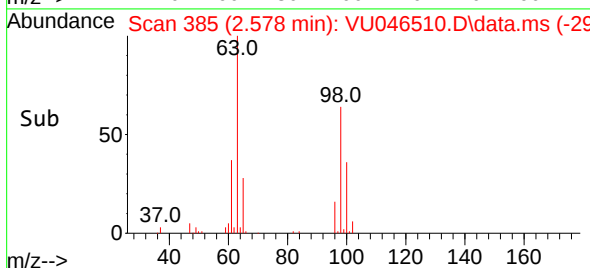
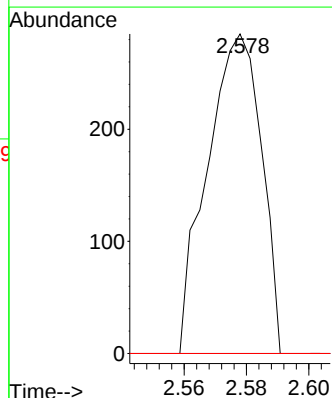
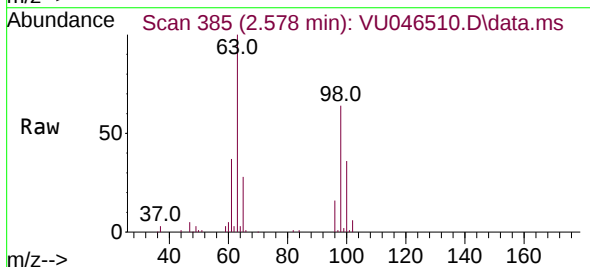
#5
 Vinyl chloride
 Concen: 18.148 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU046510.D
 Acq: 20 Dec 2021 15:23

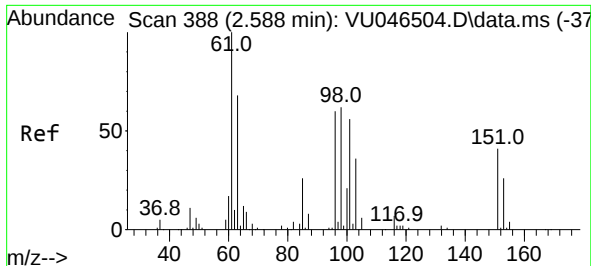
Tgt Ion: 62 Resp: 20648
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.407 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU046510.D
 Acq: 20 Dec 2021 15:23

Tgt Ion: 101 Resp: 343
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#





#12

1,1-Dichloroethene

Concen: 15.860 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046510.D

Acq: 20 Dec 2021 15:23

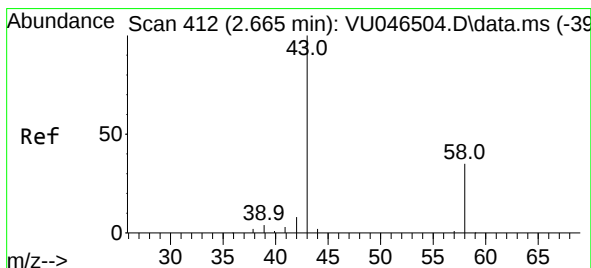
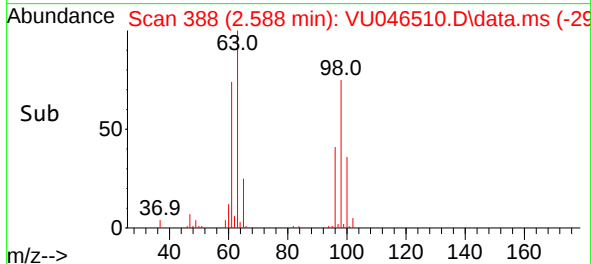
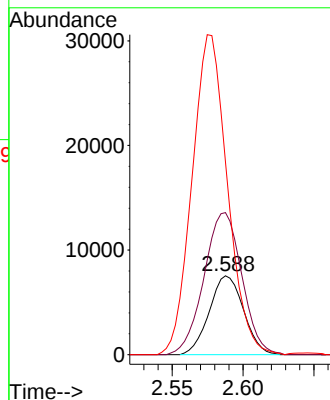
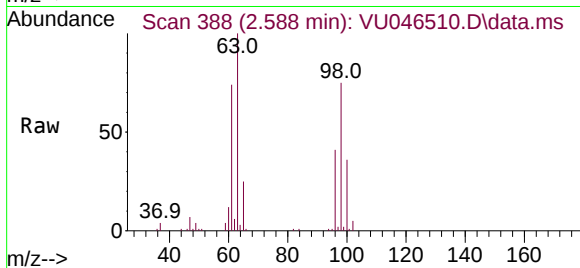
Tgt Ion: 96 Resp: 12716

Ion Ratio Lower Upper

96 100

61 180.2 118.6 220.2

63 244.4 93.0 172.8#



#13

Acetone

Concen: 5.441 ug/L

RT: 2.665 min Scan# 412

Delta R.T. 0.000 min

Lab File: VU046510.D

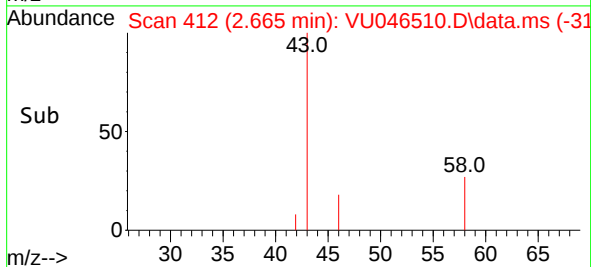
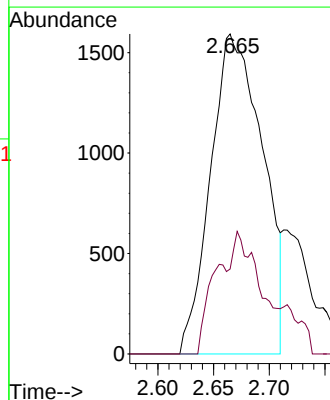
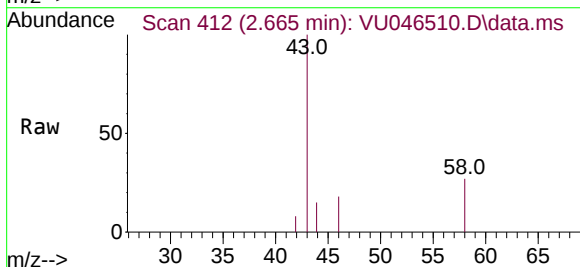
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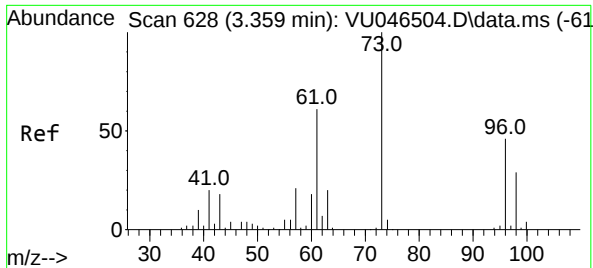
Tgt Ion: 43 Resp: 5163

Ion Ratio Lower Upper

43 100

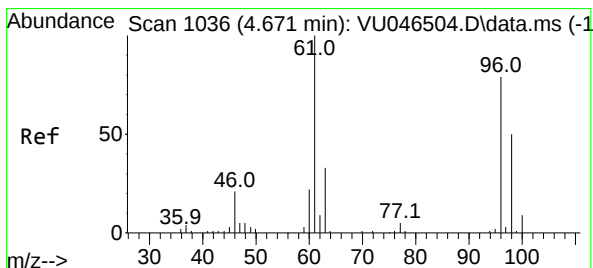
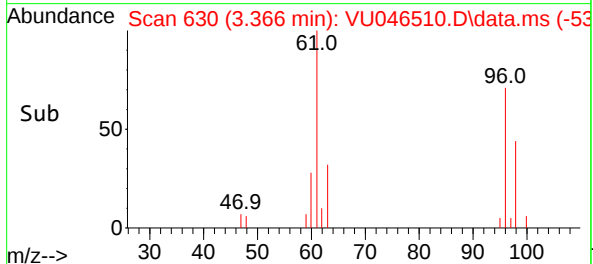
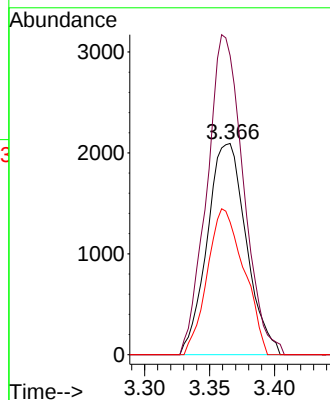
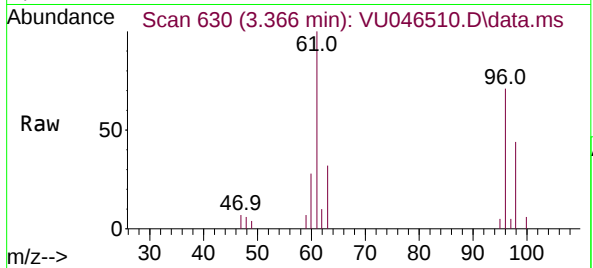
58 3.9 0.0 66.8





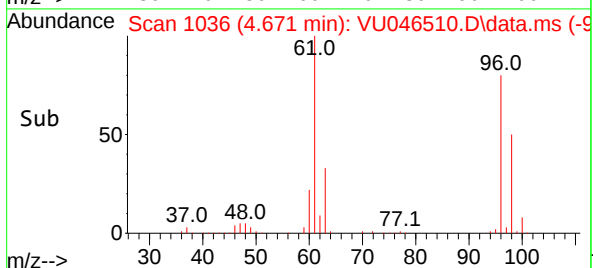
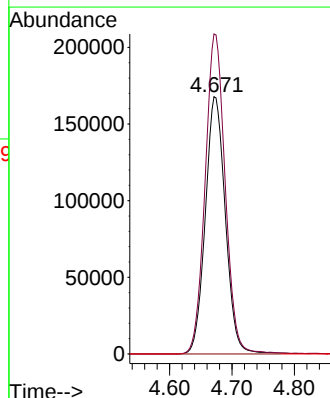
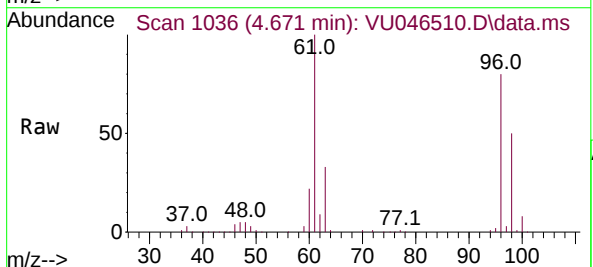
#17
trans-1,2-Dichloroethene
Concen: 5.154 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.006 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

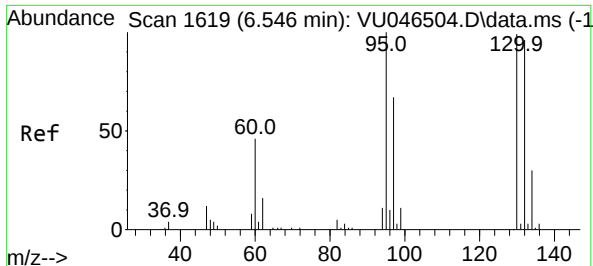
Tgt Ion: 96	Resp: 4373
Ion Ratio	Lower Upper
96 100	
61 141.5	94.6 175.6
98 62.7	44.0 81.8



#20
cis-1,2-Dichloroethene
Concen: 407.483 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

Tgt Ion: 96	Resp: 375145
Ion Ratio	Lower Upper
96 100	
61 124.4	86.8 161.2
68 0.0	0.0 0.0





#34

Trichloroethene

Concen: 3462.931 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU046510.D

Acq: 20 Dec 2021 15:23

Tgt Ion: 95 Resp: 3242121

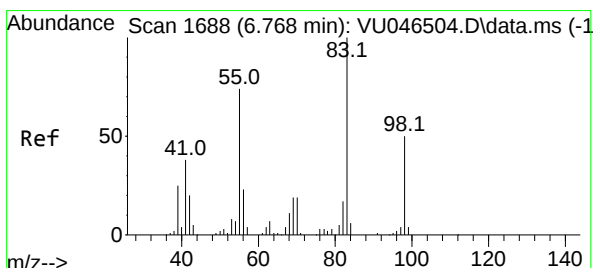
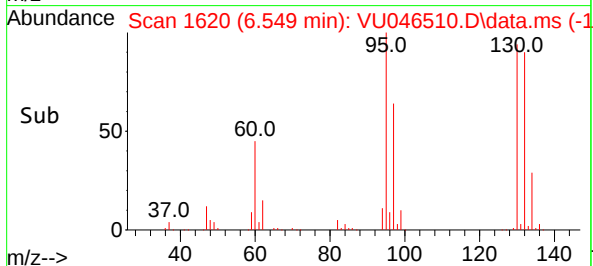
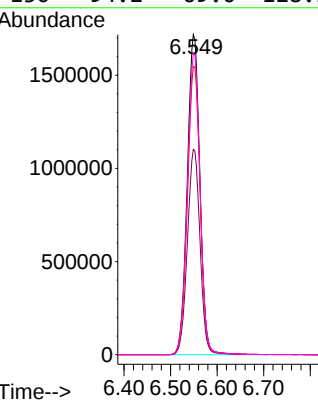
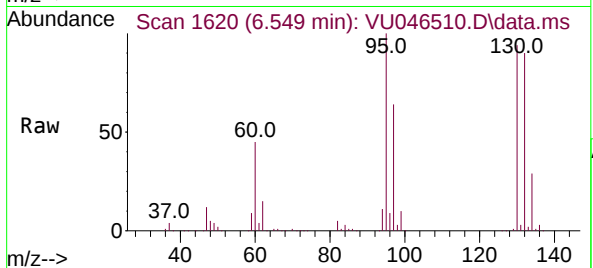
Ion Ratio Lower Upper

95 100

97 64.2 44.1 81.9

132 90.1 66.8 124.0

130 94.2 69.0 128.1



#35

Methylcyclohexane

Concen: 6.465 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.071 min

Lab File: VU046510.D

Acq: 20 Dec 2021 15:23

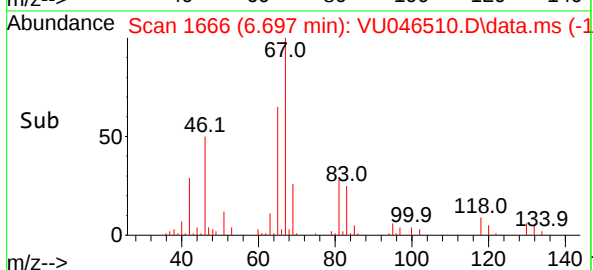
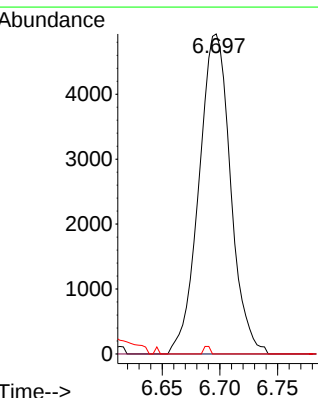
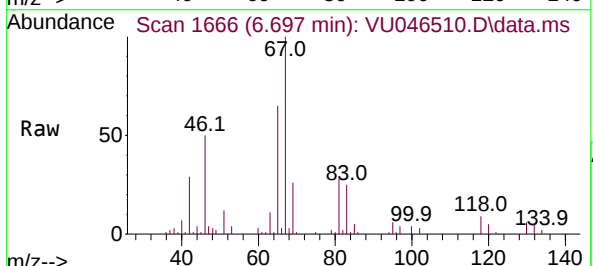
Tgt Ion: 83 Resp: 9385

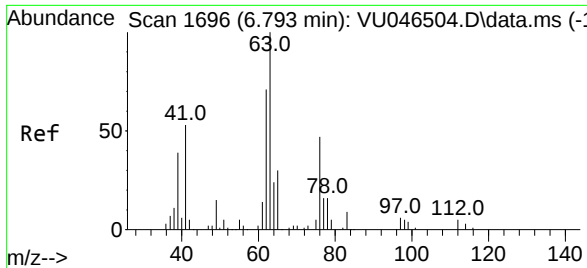
Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

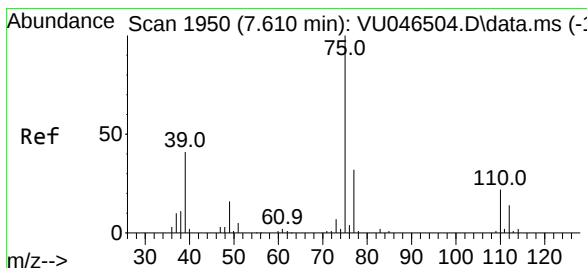
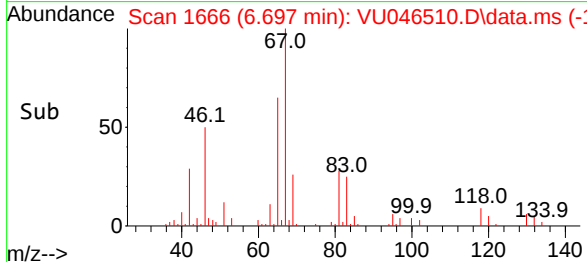
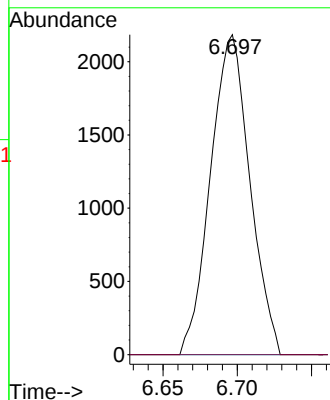
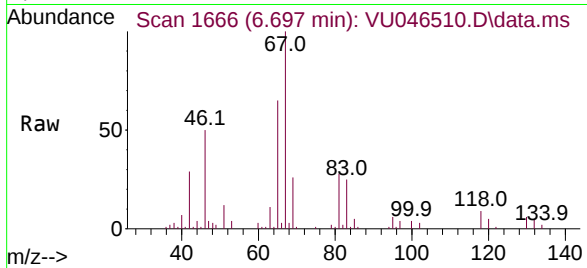
98 0.5 38.4 57.6#





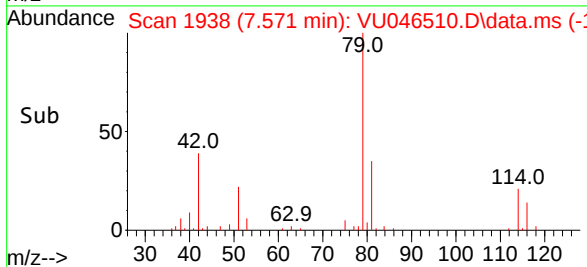
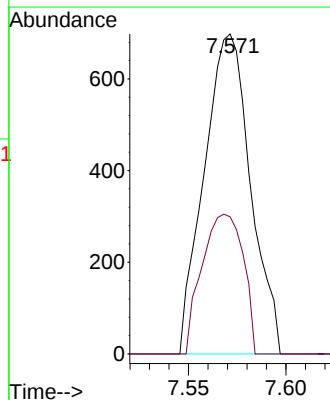
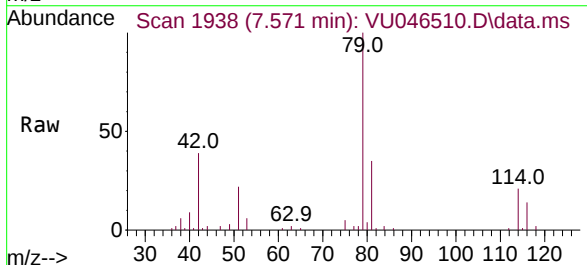
#37
1,2-Dichloropropane
Concen: 4.327 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.096 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

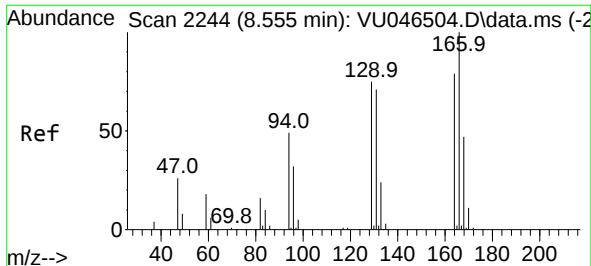
Tgt Ion: 63 Resp: 4028
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 0.816 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.039 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

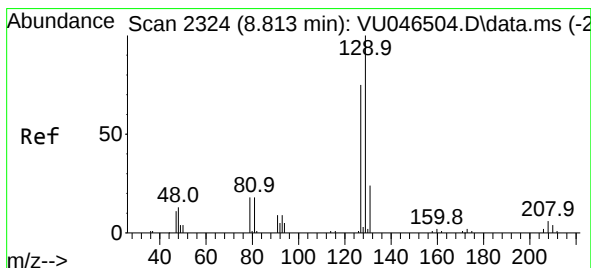
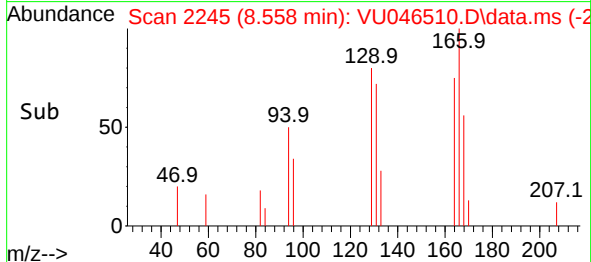
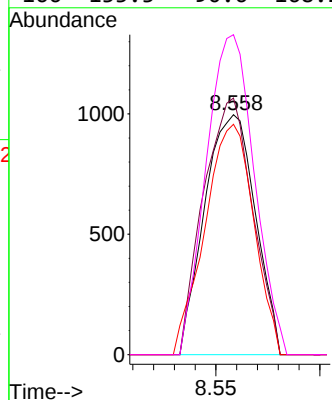
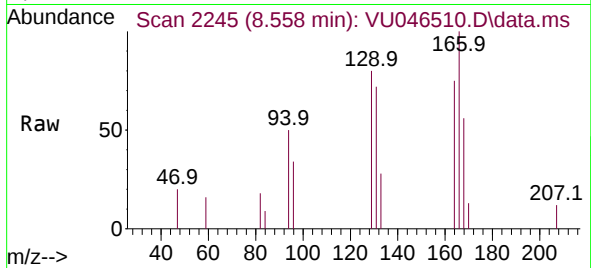
Tgt Ion: 75 Resp: 1155
Ion Ratio Lower Upper
75 100
77 42.8 21.8 40.6#





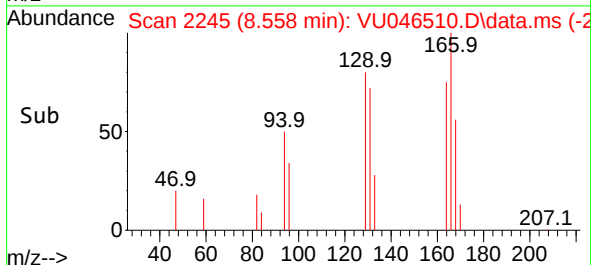
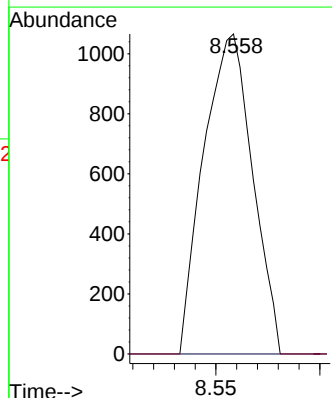
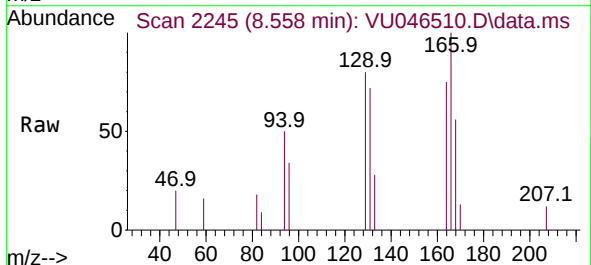
#46
Tetrachloroethene
Concen: 2.456 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

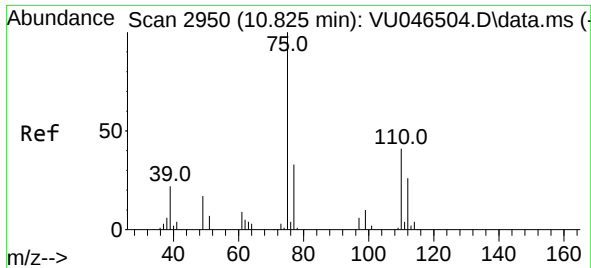
Tgt Ion:164	Resp:	1690
Ion	Ratio	Lower Upper
164	100	
129	106.9	71.1 132.1
131	96.0	67.8 126.0
166	133.3	90.6 168.2



#49
Dibromochloromethane
Concen: 1.778 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.254 min
Lab File: VU046510.D
Acq: 20 Dec 2021 15:23

Tgt Ion:129	Resp:	1744
Ion	Ratio	Lower Upper
129	100	
127	0.0	55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.498 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046510.D
 Acq: 20 Dec 2021 15:23

Tgt Ion: 75 Resp: 6970
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.4 39.6
 110 1.9 32.4 48.6#

