

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022248.D
 Acq On : 20 Sep 2021 21:51
 Operator : SY/MD
 Sample : M3788-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 06:22:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 06:08:34 2021
 Response via : Initial Calibration

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

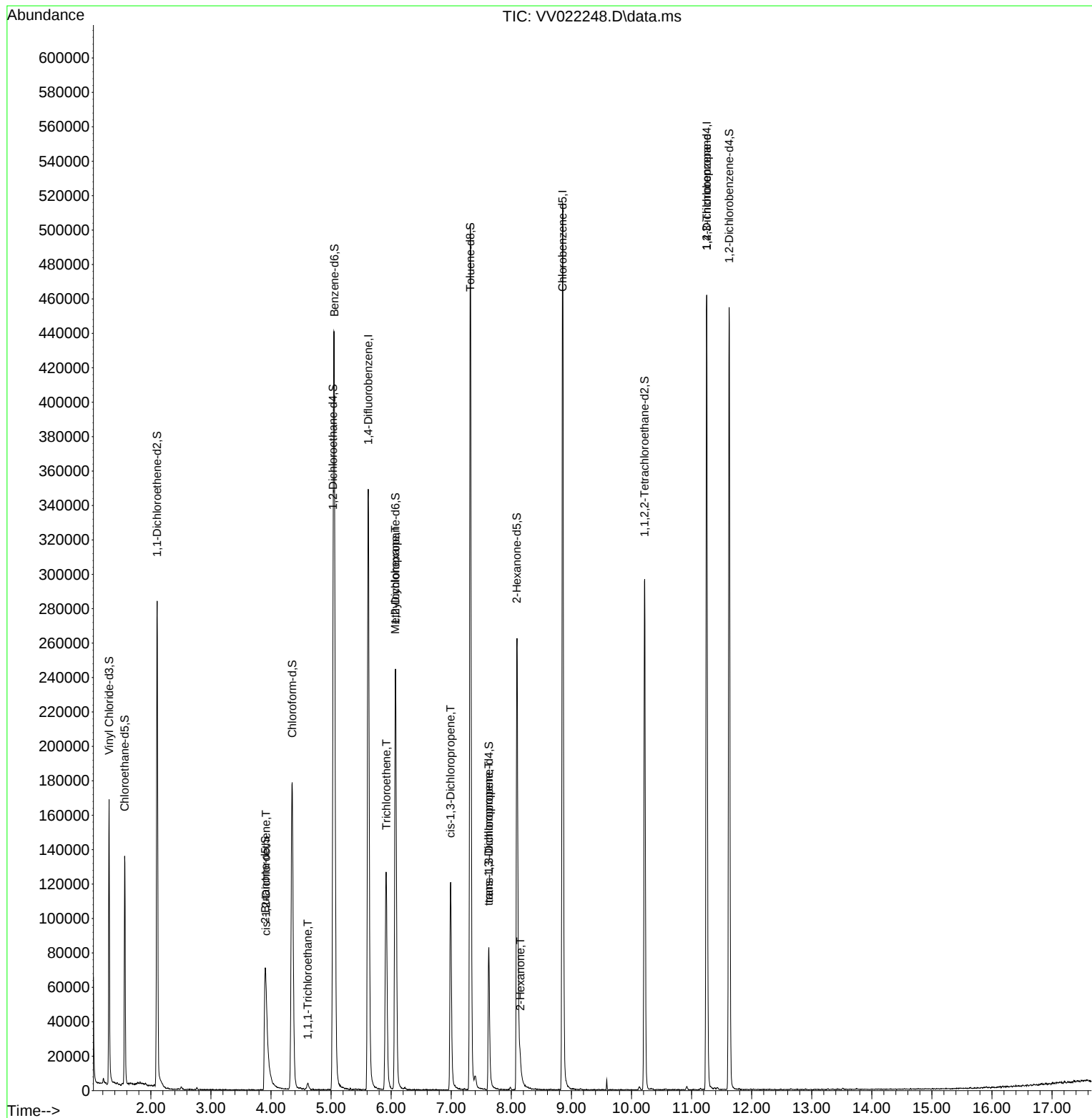
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	311170	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	294073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	125794	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	105409	48.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.840%
7) Chloroethane-d5	1.564	69	83649	49.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.420%
11) 1,1-Dichloroethene-d2	2.105	63	144829	40.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.280%
21) 2-Butanone-d5	3.905	46	156086	105.616	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.620%
24) Chloroform-d	4.352	84	187422	47.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.034	65	116006	50.124	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
32) Benzene-d6	5.053	84	387692	48.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.220%
36) 1,2-Dichloropropane-d6	6.072	67	123115	49.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	7.317	98	340691	45.248	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.500%
43) trans-1,3-Dichloroprop...	7.625	79	48231	40.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.800%
47) 2-Hexanone-d5	8.092	63	91375	94.937	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	144198	44.885	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.780%
66) 1,2-Dichlorobenzene-d4	11.625	152	120401	48.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.380%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.915	96	2366	0.980	ug/L	73
30) 1,1,1-Trichloroethane	4.613	97	2877	0.823	ug/L	95
34) Trichloroethene	5.918	95	40227	16.599	ug/L	97
35) Methylcyclohexane	6.069	83	30307	8.554	ug/L #	20
39) cis-1,3-Dichloropropene	6.989	75	3083	0.900	ug/L #	61
44) trans-1,3-Dichloropropene	7.622	75	2086	0.655	ug/L	92
48) 2-Hexanone	8.149	43	7418	3.180	ug/L #	67
61) 1,2,3-Trichloropropane	11.252	75	14416	6.612	ug/L #	64

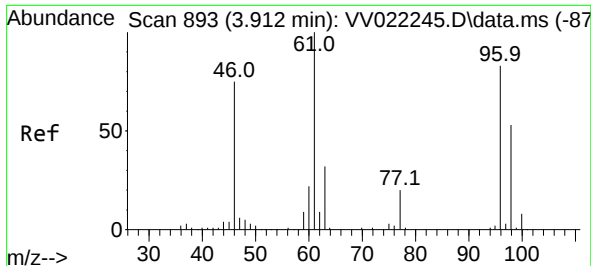
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 0.980 ug/L

RT: 3.915 min Scan# 894

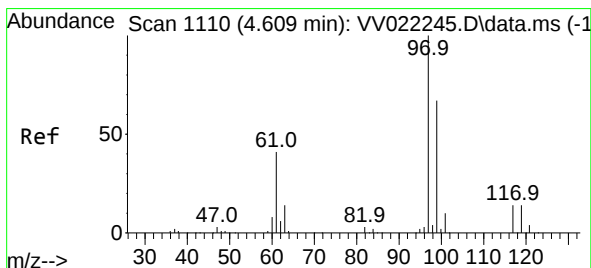
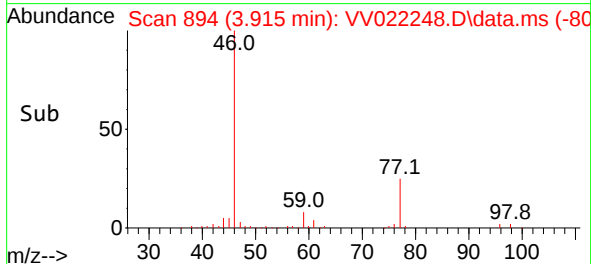
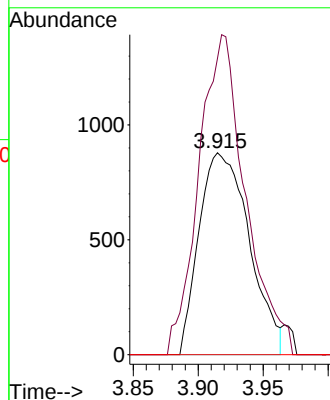
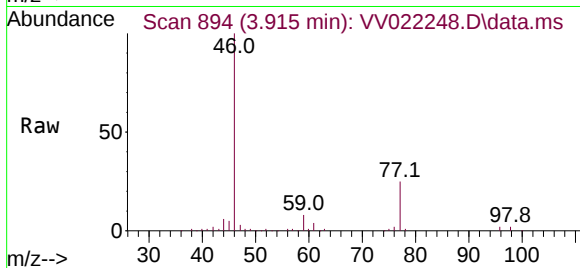
Delta R.T. 0.003 min

Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

Tgt Ion: 96 Resp: 2366

Ion	Ratio	Lower	Upper
96	100		
61	146.8	81.8	152.0
68	0.0	0.0	0.0



#30

1,1,1-Trichloroethane

Concen: 0.823 ug/L

RT: 4.613 min Scan# 1111

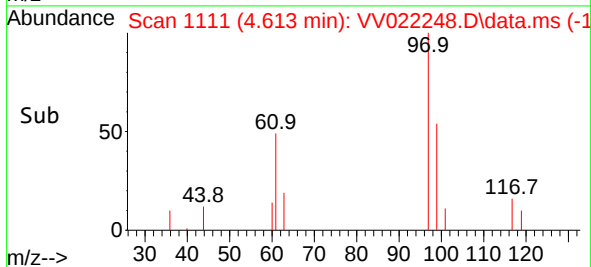
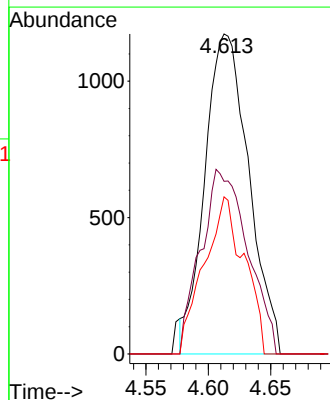
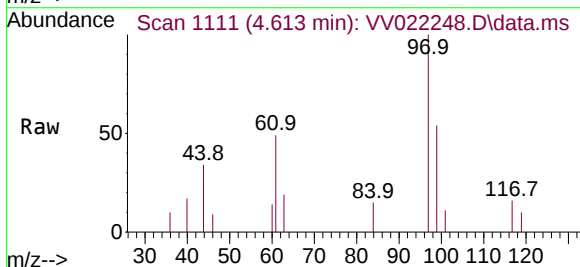
Delta R.T. 0.003 min

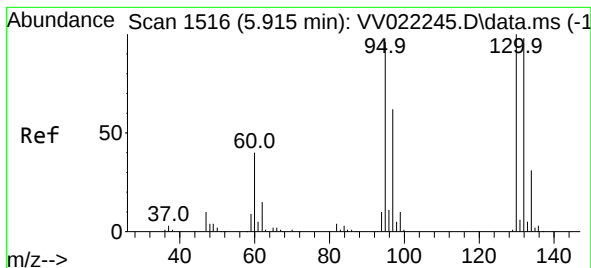
Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

Tgt Ion: 97 Resp: 2877

Ion	Ratio	Lower	Upper
97	100		
99	61.6	52.0	78.0
61	35.8	31.8	47.8





#34

Trichloroethene

Concen: 16.599 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

Tgt Ion: 95 Resp: 40227

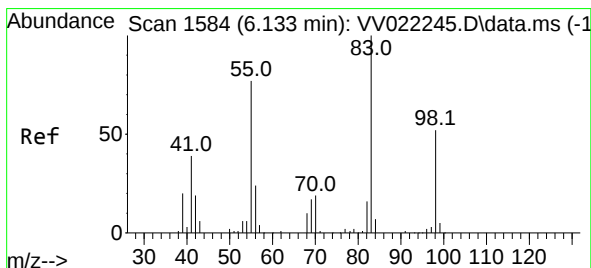
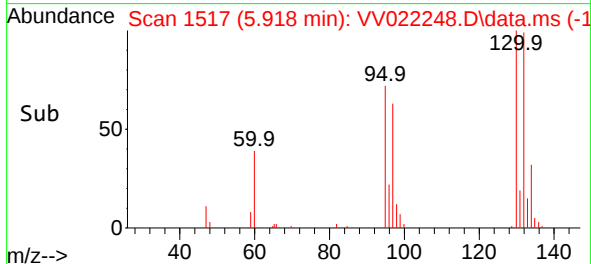
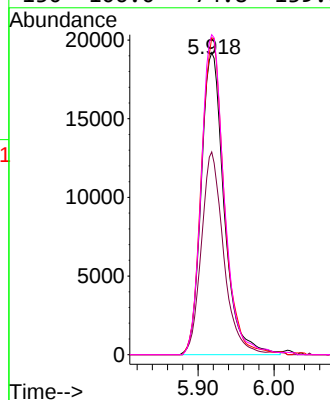
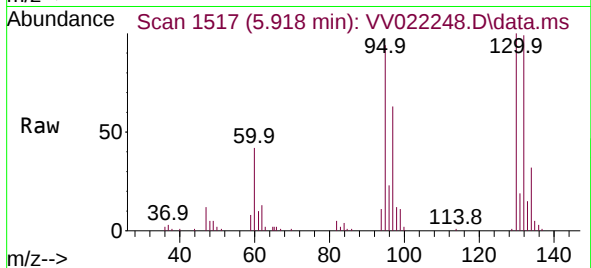
Ion Ratio Lower Upper

95 100

97 67.2 44.1 81.9

132 105.0 70.7 131.3

130 106.0 74.8 139.0



#35

Methylcyclohexane

Concen: 8.554 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

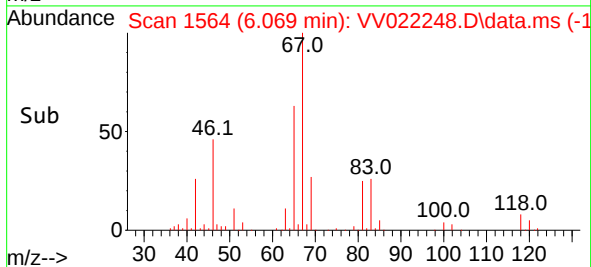
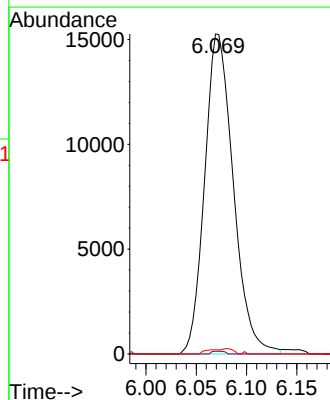
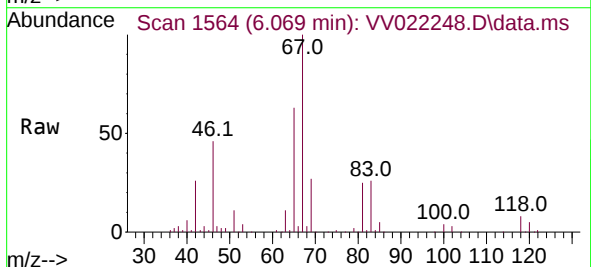
Tgt Ion: 83 Resp: 30307

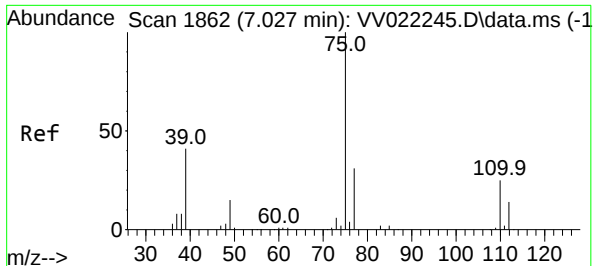
Ion Ratio Lower Upper

83 100

55 0.4 56.8 85.2#

98 0.7 39.9 59.9#



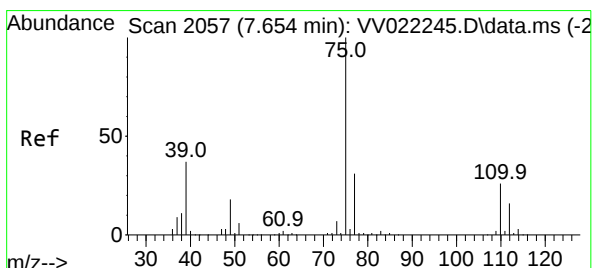
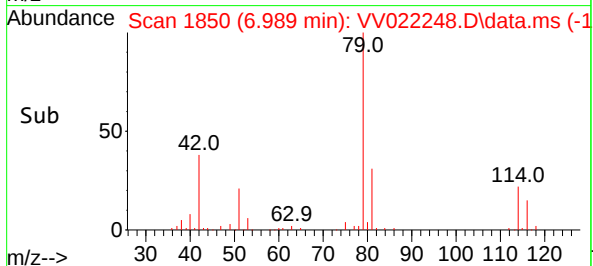
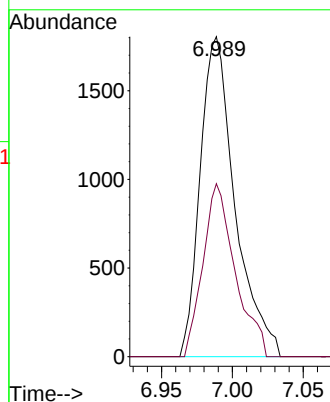
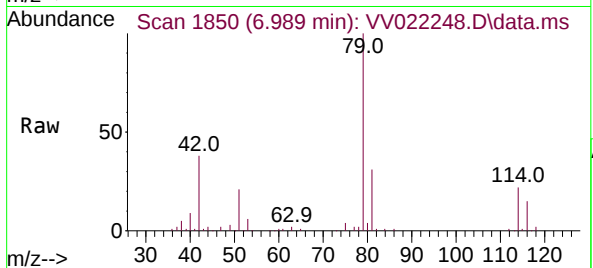


#39

cis-1,3-Dichloropropene
Concen: 0.900 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.038 min
Lab File: VV022248.D
Acq: 20 Sep 2021 21:51

Instrument :
MSVOA_V
ClientSampled :

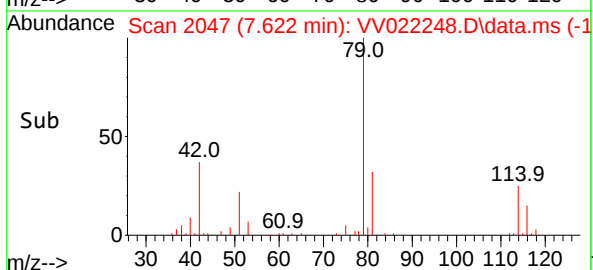
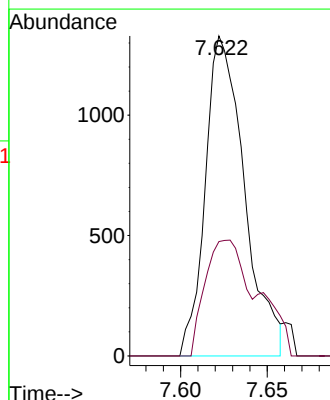
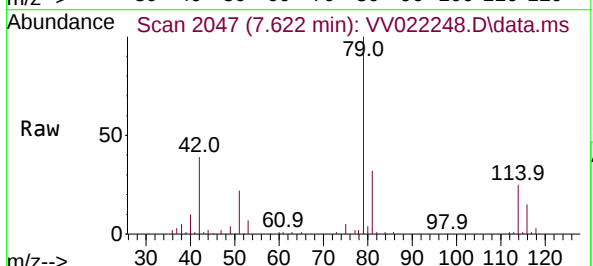
Tgt Ion: 75 Resp: 3083
Ion Ratio Lower Upper
75 100
77 54.1 22.7 42.1#

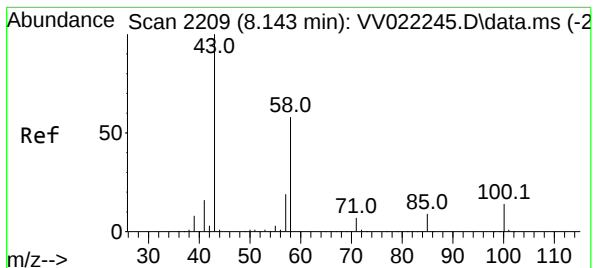


#44

trans-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.032 min
Lab File: VV022248.D
Acq: 20 Sep 2021 21:51

Tgt Ion: 75 Resp: 2086
Ion Ratio Lower Upper
75 100
77 35.7 21.8 40.6





#48

2-Hexanone

Concen: 3.180 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

Tgt Ion: 43 Resp: 7418

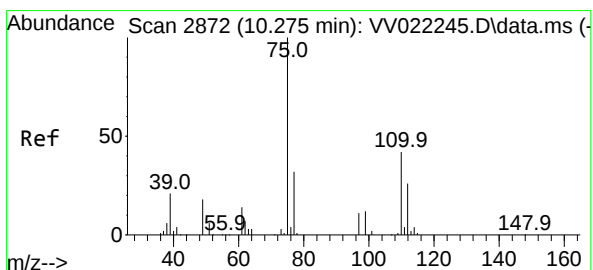
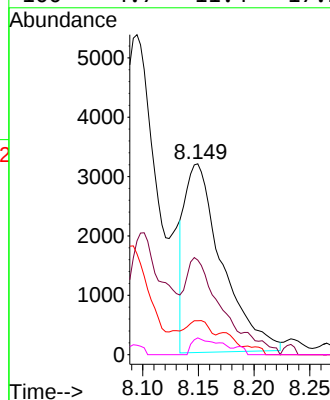
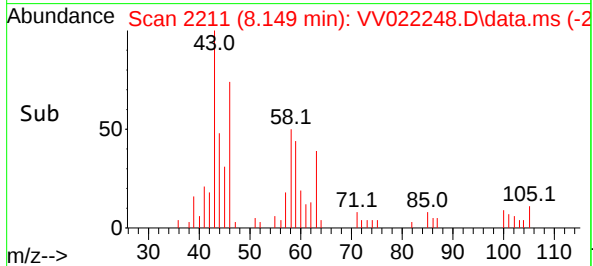
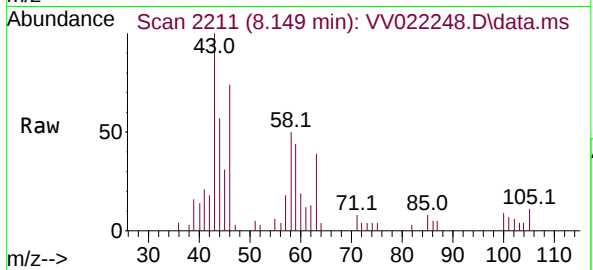
Ion Ratio Lower Upper

43 100

58 32.8 47.5 71.3#

57 4.9 15.9 23.9#

100 4.7 11.4 17.2#



#61

1,2,3-Trichloropropane

Concen: 6.612 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022248.D

Acq: 20 Sep 2021 21:51

Tgt Ion: 75 Resp: 14416

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

110 3.0 33.8 50.6#

