

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092121\
 Data File : VV022270.D
 Acq On : 21 Sep 2021 12:54
 Operator : SY/MD
 Sample : M3778-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 22 01:13:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 22 01:12:58 2021
 Response via : Initial Calibration

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

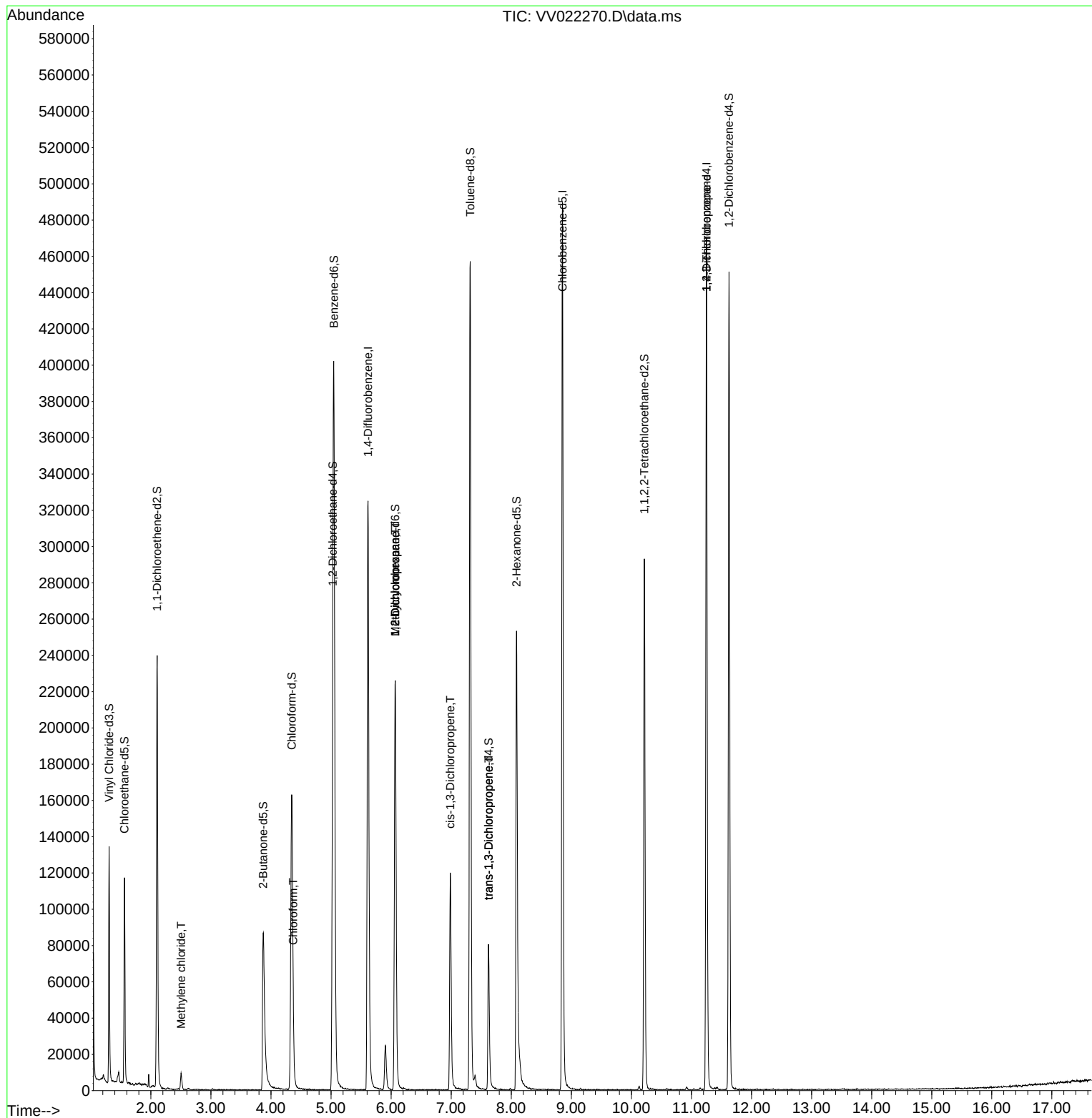
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	291547	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	279558	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84371	41.788	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.580%
7) Chloroethane-d5	1.561	69	72382	45.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.820%
11) 1,1-Dichloroethene-d2	2.105	63	120295	36.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.060%
21) 2-Butanone-d5	3.870	46	137724	99.464	ug/L	-0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.460%
24) Chloroform-d	4.346	84	173459	47.117	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.240%
26) 1,2-Dichloroethane-d4	5.027	65	108991	50.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.520%
32) Benzene-d6	5.047	84	353628	46.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	6.069	67	113950	47.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.580%
41) Toluene-d8	7.317	98	308647	43.121	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.240%
43) trans-1,3-Dichloroprop...	7.622	79	48162	42.434	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.860%
47) 2-Hexanone-d5	8.088	63	85558	93.509	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.510%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	140923	46.143	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	11.625	152	119881	48.470	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.940%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.503	84	3577	1.588	ug/L	95
25) Chloroform	4.372	83	2142	0.559	ug/L	83
35) Methylcyclohexane	6.069	83	27306	8.107	ug/L #	34
37) 1,2-Dichloropropane	6.069	63	12388	5.876	ug/L #	86
39) cis-1,3-Dichloropropene	6.986	75	3020	0.928	ug/L #	73
44) trans-1,3-Dichloropropene	7.622	75	1948	0.643	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	14352	6.582	ug/L #	64

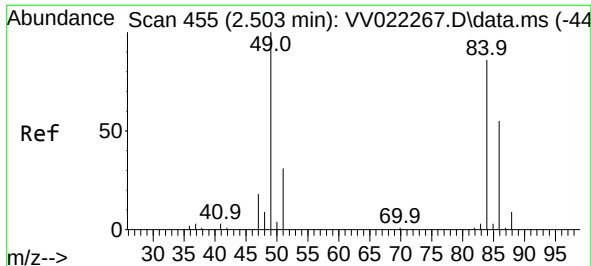
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

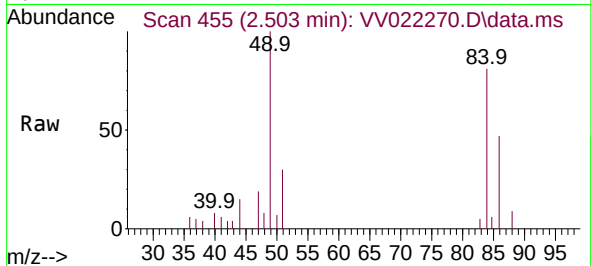
Quant Time: Sep 22 01:13:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 22 01:12:58 2021
Response via : Initial Calibration





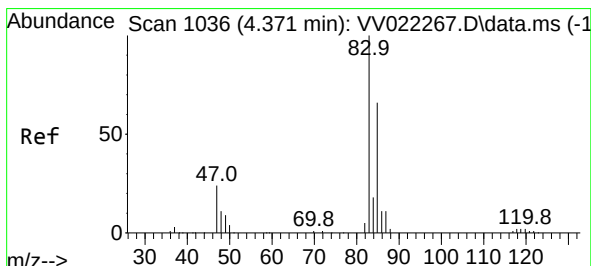
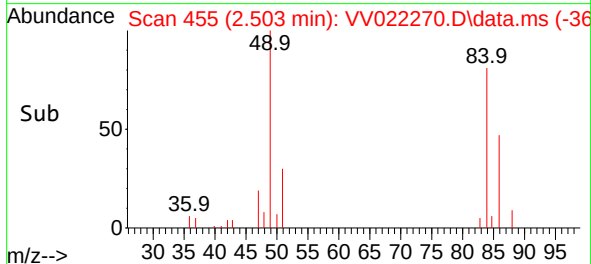
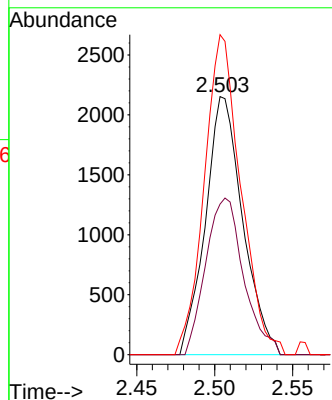
#16
Methylene chloride
Concen: 1.588 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion: 84 Resp: 3577

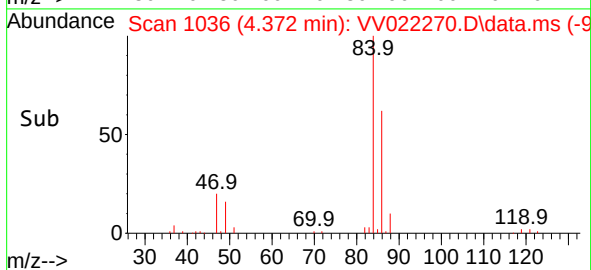
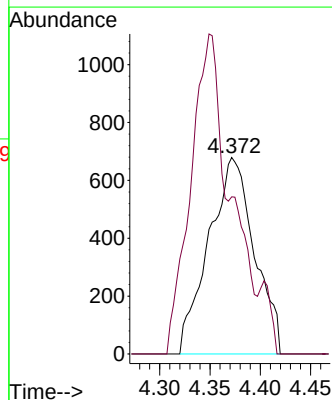
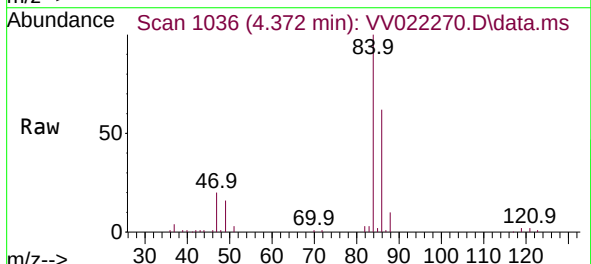
Ion	Ratio	Lower	Upper
84	100		
86	54.4	44.8	83.2
49	115.7	80.2	149.0

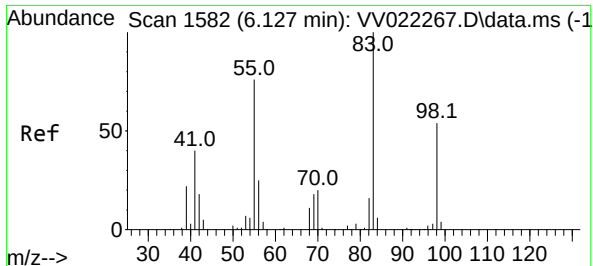


#25
Chloroform
Concen: 0.559 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

Tgt Ion: 83 Resp: 2142

Ion	Ratio	Lower	Upper
83	100		
85	80.0	46.3	85.9

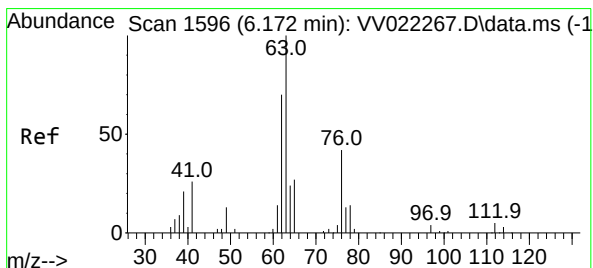
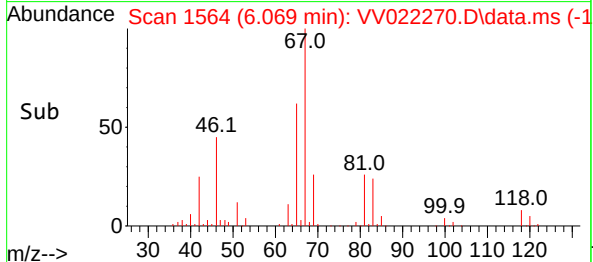
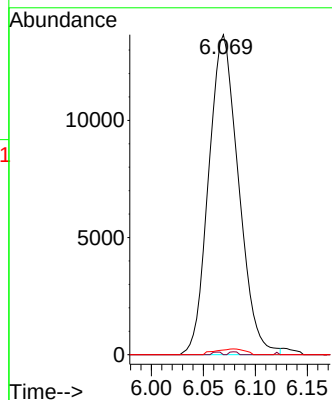
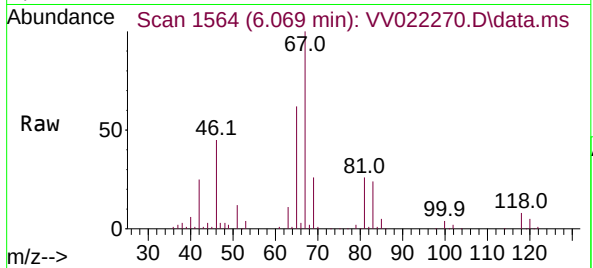




#35
Methylcyclohexane
Concen: 8.107 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

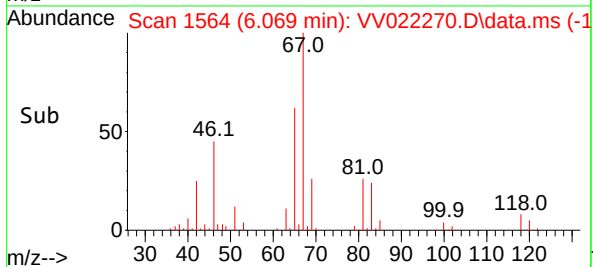
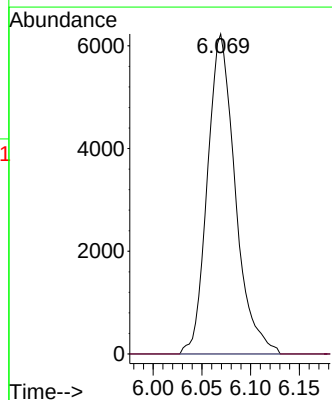
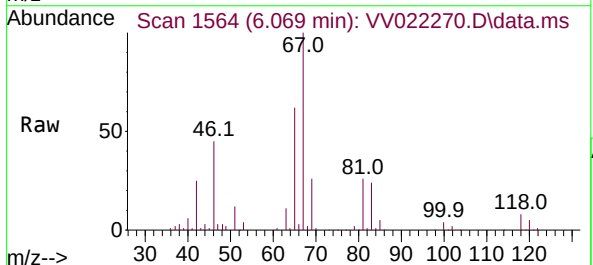
Instrument :
MSVOA_V
ClientSampled :

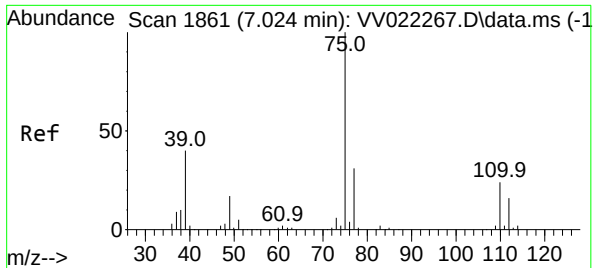
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	56.8	85.2#
98	23.6	39.9	59.9#



#37
1,2-Dichloropropane
Concen: 5.876 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

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



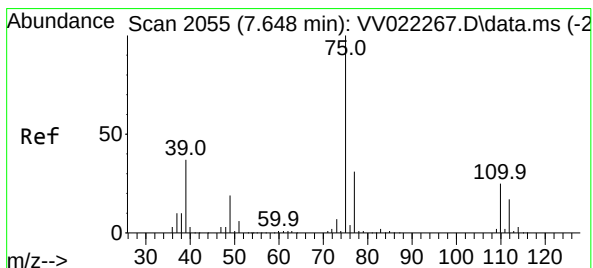
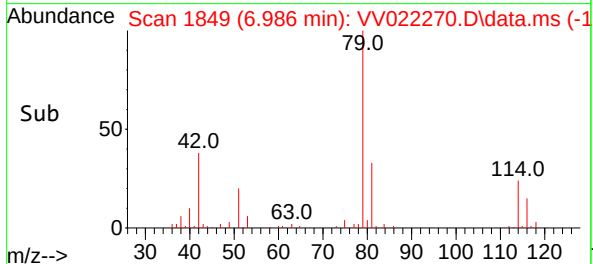
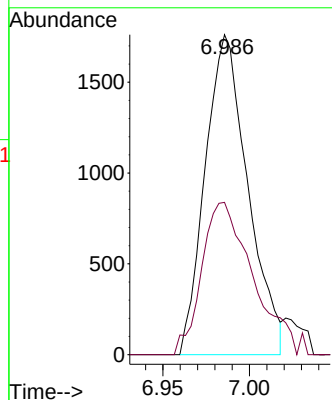
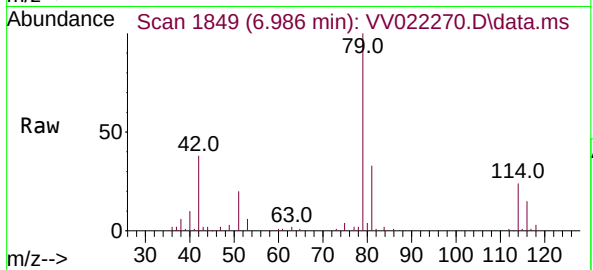


#39

cis-1,3-Dichloropropene
Concen: 0.928 ug/L
RT: 6.986 min Scan# 1849
Delta R.T. -0.038 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

Instrument :
MSVOA_V
ClientSampled :

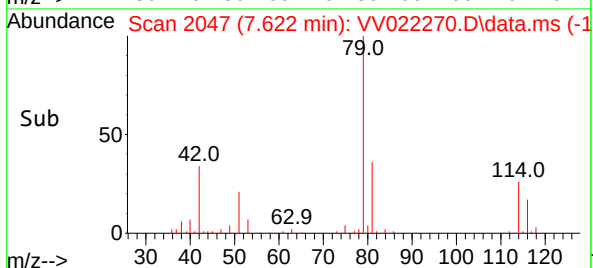
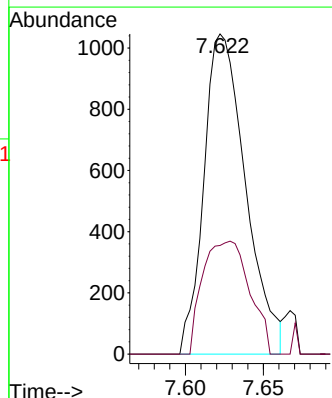
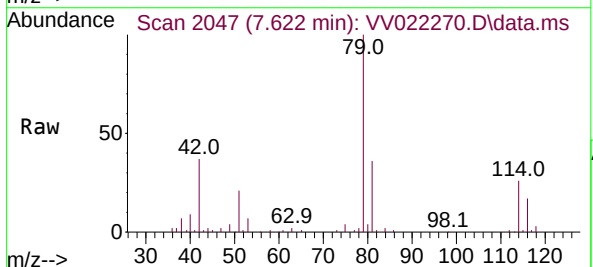
Tgt Ion: 75 Resp: 3020
Ion Ratio Lower Upper
75 100
77 47.6 22.7 42.1#

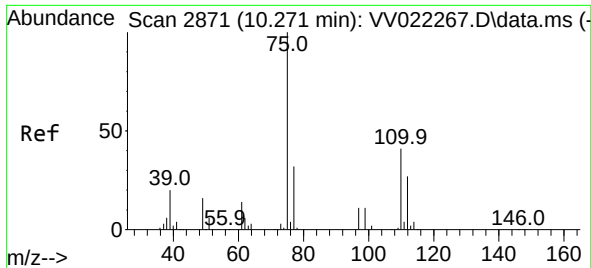


#44

trans-1,3-Dichloropropene
Concen: 0.643 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.026 min
Lab File: VV022270.D
Acq: 21 Sep 2021 12:54

Tgt Ion: 75 Resp: 1948
Ion Ratio Lower Upper
75 100
77 33.9 21.8 40.6





#61
 1,2,3-Trichloropropane
 Concen: 6.582 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV022270.D
 Acq: 21 Sep 2021 12:54

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75	Resp: 14352
Ion Ratio	Lower Upper
75 100	
77 31.5	26.2 39.2
110 2.8	33.8 50.6#

