

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111821\
 Data File : VV023613.D
 Acq On : 18 Nov 2021 18:52
 Operator : SY/MD
 Sample : M4694-03DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

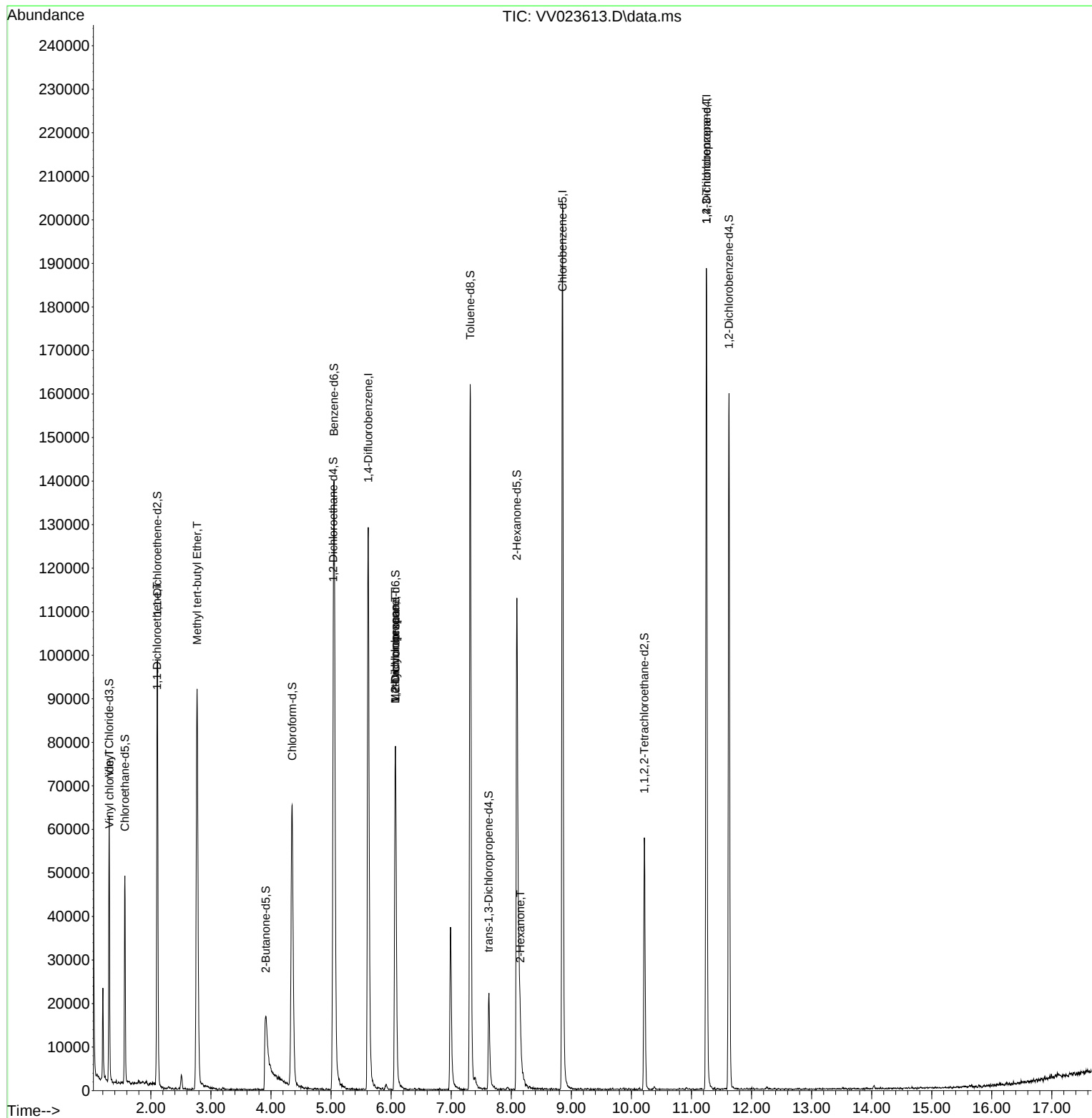
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114544	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115089	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51748	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33879	4.721	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.400%	
7) Chloroethane-d5	1.568	69	28617	4.893	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.800%	
11) 1,1-Dichloroethene-d2	2.108	63	49187	3.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.200%	
20) 2-Butanone-d5	3.912	46	41922	33.911	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.820%	
24) Chloroform-d	4.352	84	69217	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.037	65	32421	4.715	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.050	84	127282	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
36) 1,2-Dichloropropane-d6	6.072	67	37611	4.327	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.600%	
41) Toluene-d8	7.317	98	108612	3.925	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13552	4.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.091	63	49625	40.920	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26333	4.212	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42535	4.936	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	3125	0.329	ug/L #	80
12) 1,1-Dichloroethene	2.101	96	502	0.073	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	93333	6.207	ug/L	97
35) Methylcyclohexane	6.069	83	10006	0.741	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	4511	0.601	ug/L #	83
48) 2-Hexanone	8.149	43	3087	1.265	ug/L #	90
61) 1,2,3-Trichloropropane	11.249	75	5388	1.567	ug/L #	63

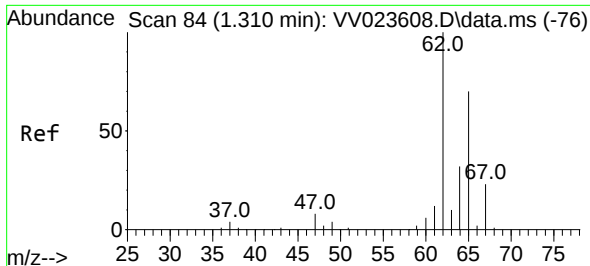
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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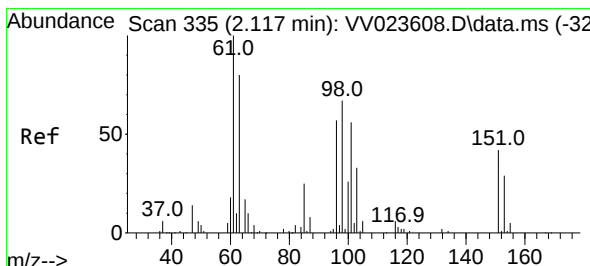
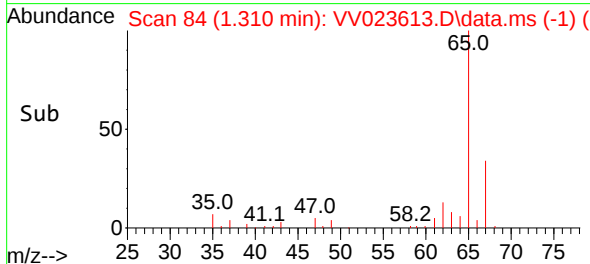
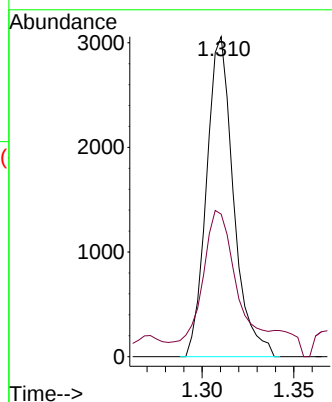
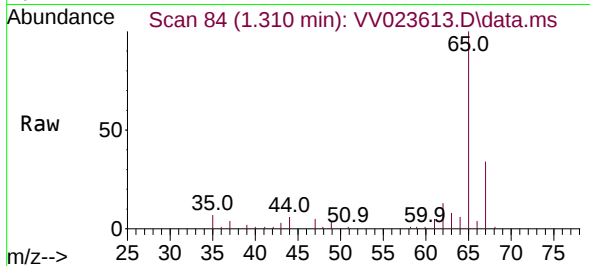




#5
 Vinyl chloride
 Concen: 0.329 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023613.D
 Acq: 18 Nov 2021 18:52

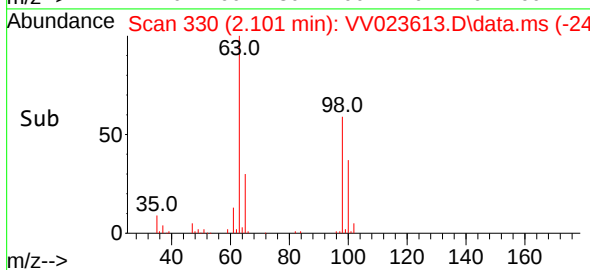
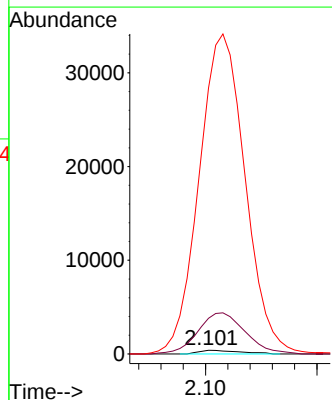
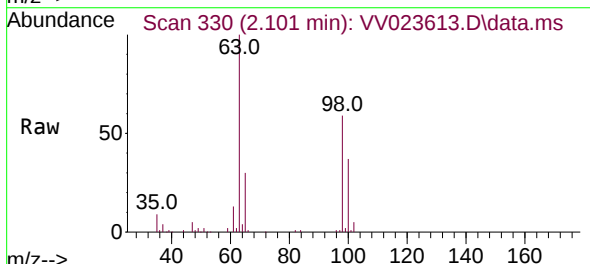
Instrument :
 MSVOA_V
 ClientSampleId :

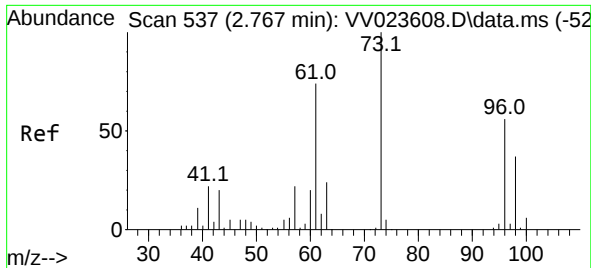
Tgt Ion: 62 Resp: 3125
 Ion Ratio Lower Upper
 62 100
 64 44.5 23.1 42.9#



#12
 1,1-Dichloroethene
 Concen: 0.073 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.016 min
 Lab File: VV023613.D
 Acq: 18 Nov 2021 18:52

Tgt Ion: 96 Resp: 502
 Ion Ratio Lower Upper
 96 100
 61 984.5 121.5 225.7#
 63 7332.3 99.6 185.0#

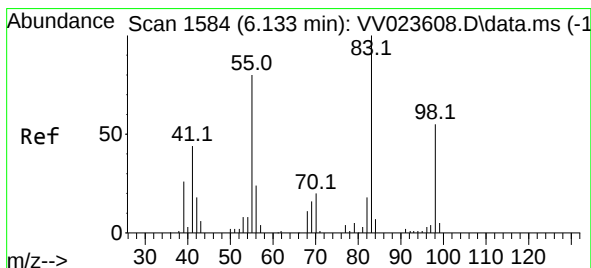
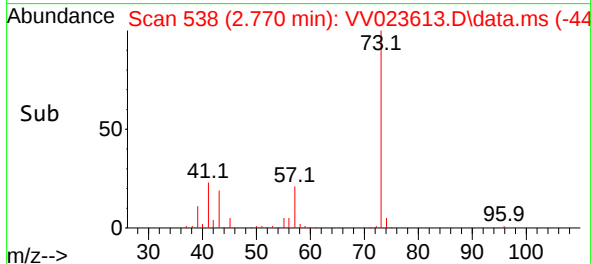
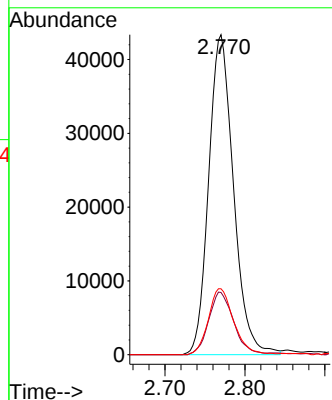
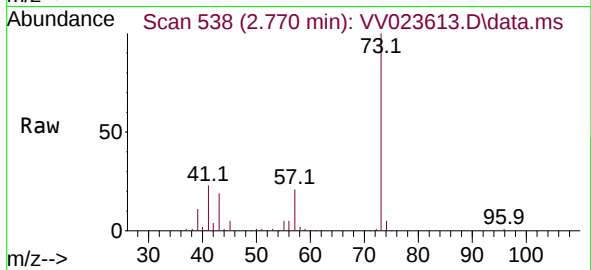




#17
Methyl tert-butyl Ether
Concen: 6.207 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023613.D
Acq: 18 Nov 2021 18:52

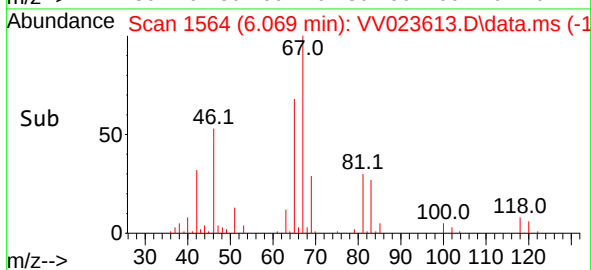
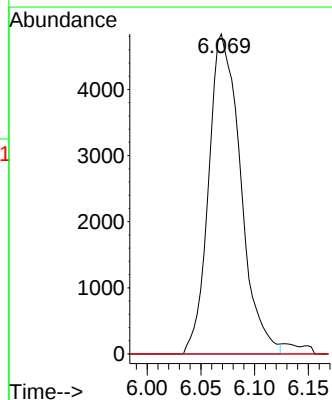
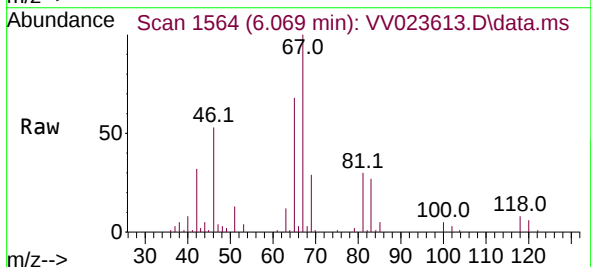
Instrument :
MSVOA_V
ClientSampleId :

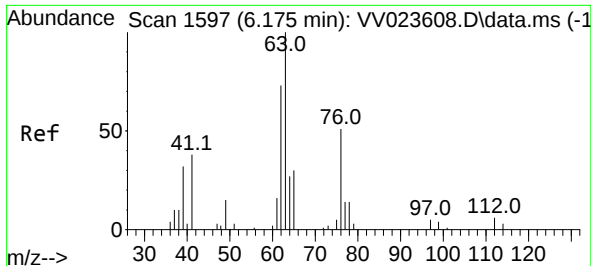
Tgt Ion: 73 Resp: 93333
Ion Ratio Lower Upper
73 100
43 19.6 17.4 26.0
57 21.0 16.5 24.7



#35
Methylcyclohexane
Concen: 0.741 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.064 min
Lab File: VV023613.D
Acq: 18 Nov 2021 18:52

Tgt Ion: 83 Resp: 10006
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 2.9 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV023613.D

Acq: 18 Nov 2021 18:52

Instrument :

MSVOA_V

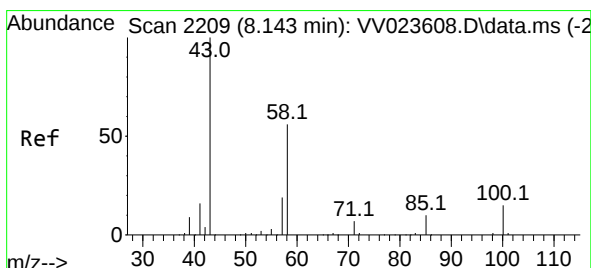
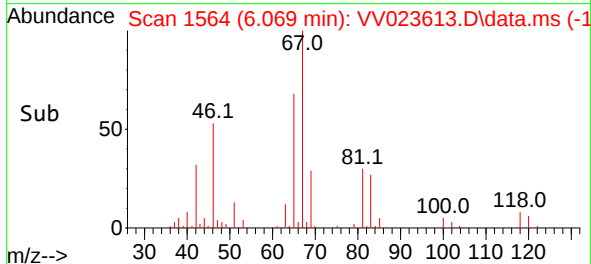
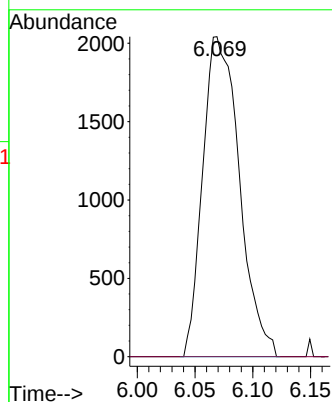
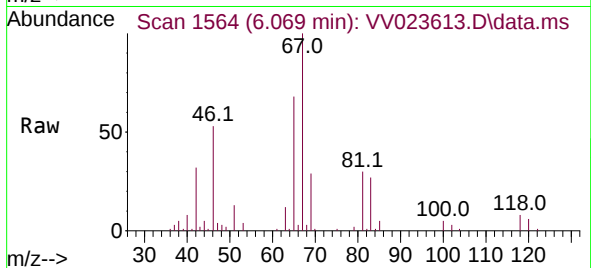
ClientSampleId :

Tgt Ion: 63 Resp: 4511

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#48

2-Hexanone

Concen: 1.265 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VV023613.D

Acq: 18 Nov 2021 18:52

Tgt Ion: 43 Resp: 3087

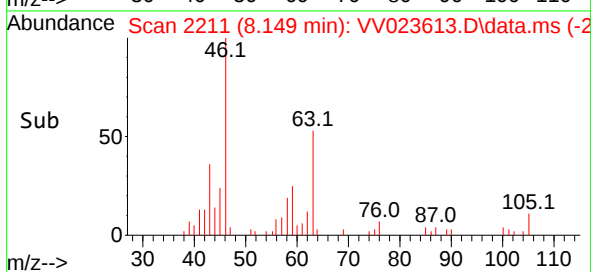
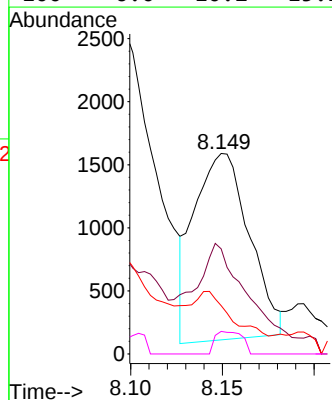
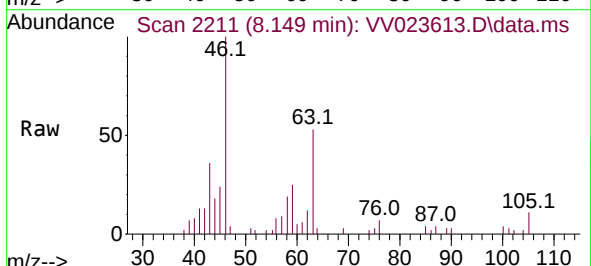
Ion Ratio Lower Upper

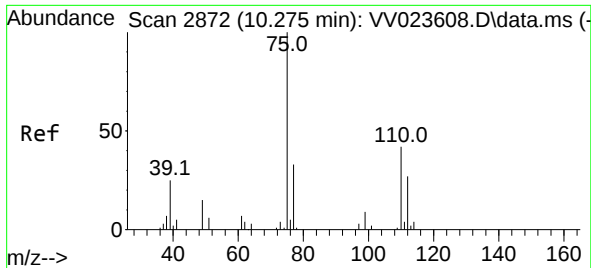
43 100

58 52.2 43.7 65.5

57 28.4 14.1 21.1#

100 6.0 10.2 15.2#





#61

1,2,3-Trichloropropane

Concen: 1.567 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

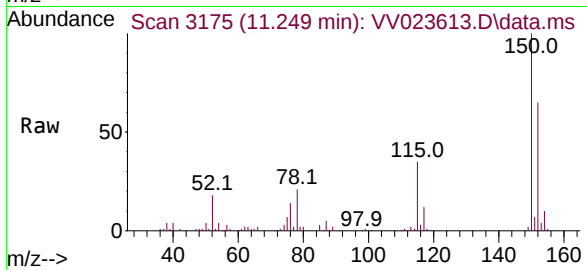
Lab File: VV023613.D

Acq: 18 Nov 2021 18:52

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5388

Ion Ratio Lower Upper

75 100

77 36.9 26.6 39.8

110 1.0 31.8 47.6#

