

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024013.D
 Acq On : 16 Dec 2021 15:16
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:01:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

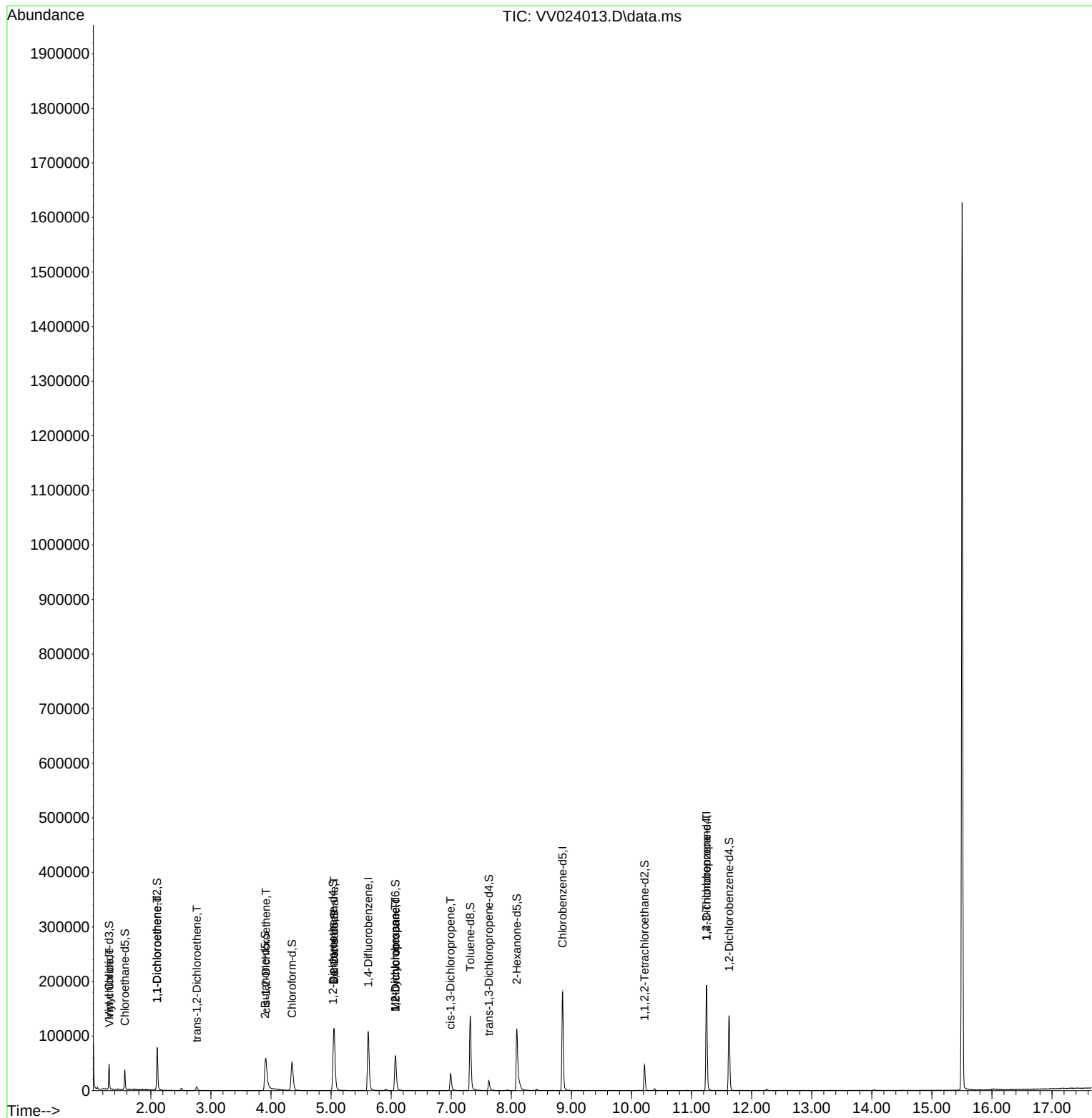
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96804	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25696	4.938	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.800%	
7) Chloroethane-d5	1.568	69	20877	4.808	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.105	63	37994	3.740	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	3.902	46	43529	42.813	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.620%	
24) Chloroform-d	4.349	84	54354	4.611	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.034	65	27515	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	5.050	84	102796	5.050	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.072	67	29428	4.792	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.800%	
41) Toluene-d8	7.317	98	91482	4.992	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
43) trans-1,3-Dichloroprop...	7.625	79	11343	4.453	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.000%	
46) 2-Hexanone-d5	8.092	63	43129	37.818	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.640%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21249	4.171	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	37342	5.333	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	1653	0.212	ug/L #	78
12) 1,1-Dichloroethene	2.105	96	440	0.068	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	2567	0.357	ug/L	93
22) cis-1,2-Dichloroethene	3.915	96	24409	3.207	ug/L	97
27) 1,2-Dichloroethane	5.050	62	784	0.101	ug/L #	73
35) Methylcyclohexane	6.069	83	7882	0.653	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	3637	0.526	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	947	0.092	ug/L	84
61) 1,2,3-Trichloropropane	11.249	75	5282	1.479	ug/L #	65

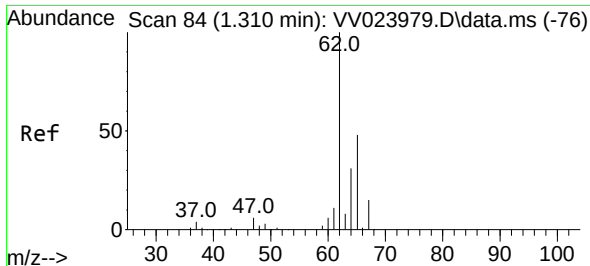
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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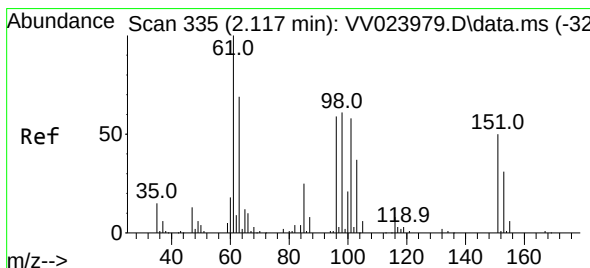
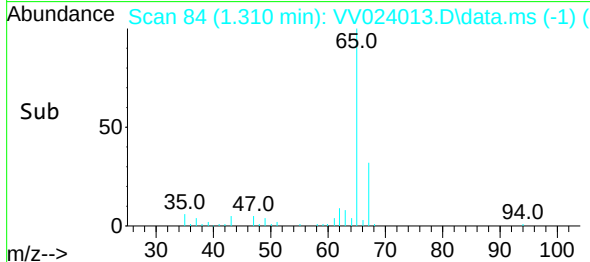
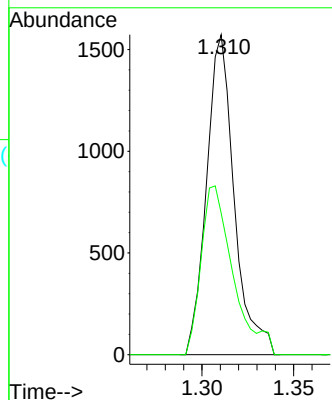
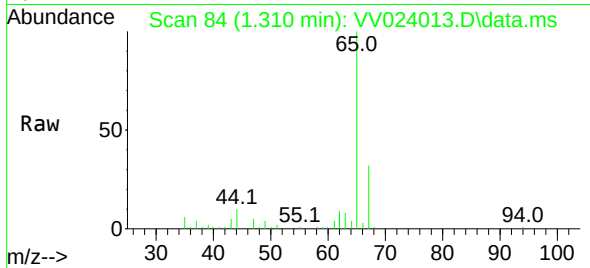




#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024013.D
 Acq: 16 Dec 2021 15:16

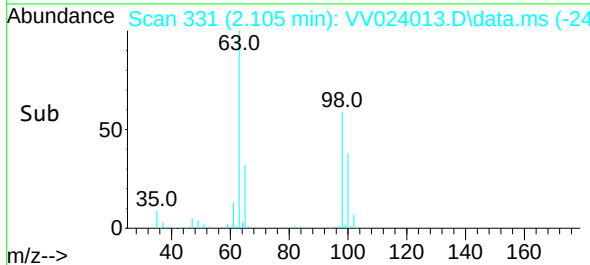
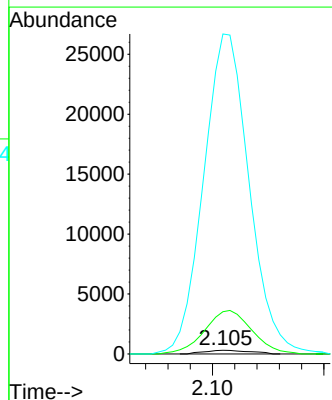
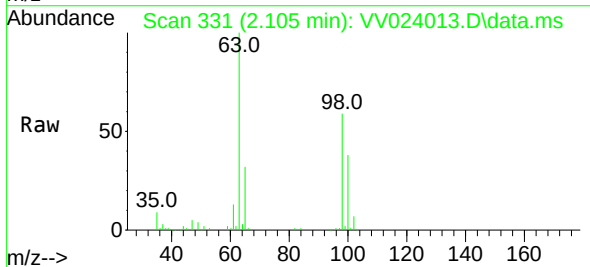
Instrument :
 MSVOA_V
 ClientSampleId :

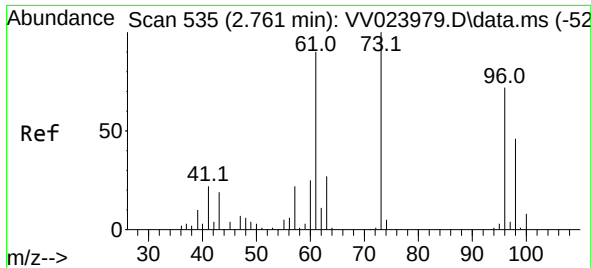
Tgt Ion: 62 Resp: 1653
 Ion Ratio Lower Upper
 62 100
 64 44.2 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.013 min
 Lab File: VV024013.D
 Acq: 16 Dec 2021 15:16

Tgt Ion: 96 Resp: 440
 Ion Ratio Lower Upper
 96 100
 61 1127.2 116.1 215.5#
 63 8529.1 79.4 147.4#

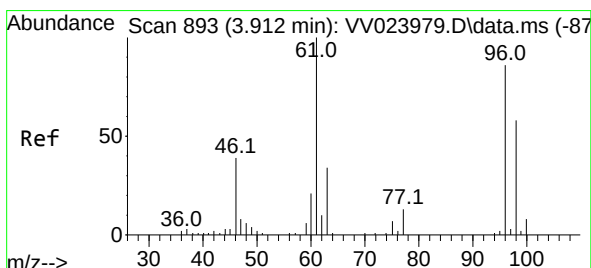
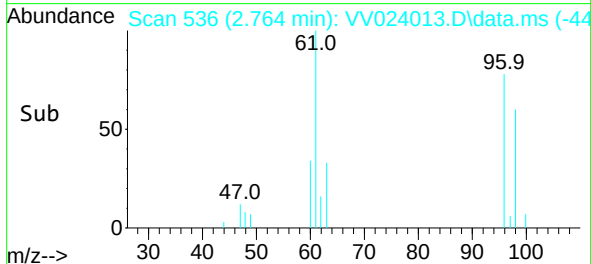
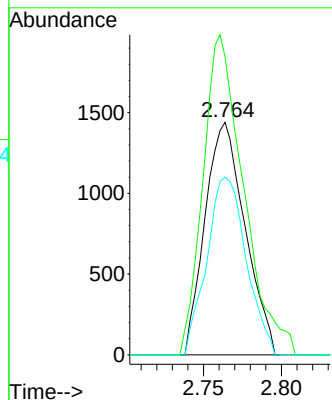
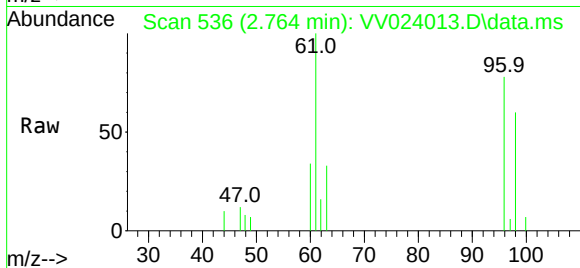




#18
trans-1,2-Dichloroethene
Concen: 0.357 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024013.D
Acq: 16 Dec 2021 15:16

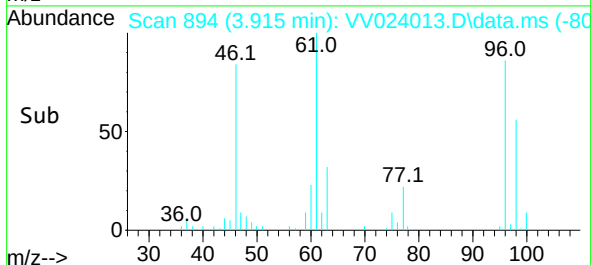
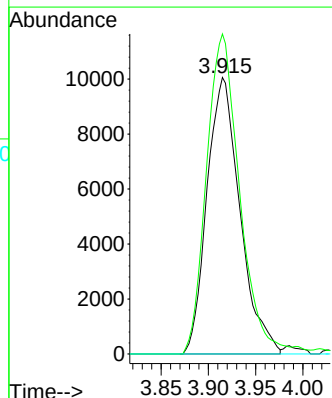
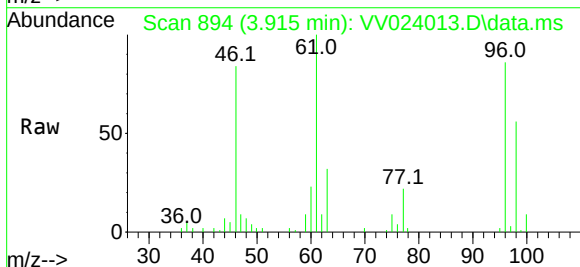
Instrument :
MSVOA_V
ClientSampleId :

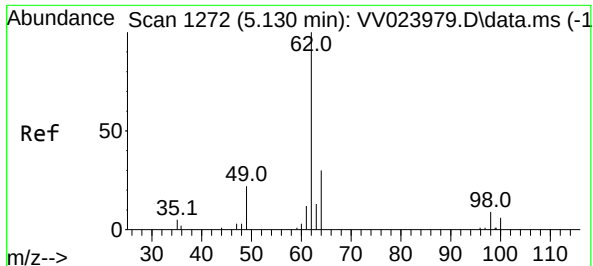
Tgt Ion: 96 Resp: 2567
Ion Ratio Lower Upper
96 100
61 128.3 88.2 163.8
98 76.4 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 3.207 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV024013.D
Acq: 16 Dec 2021 15:16

Tgt Ion: 96 Resp: 24409
Ion Ratio Lower Upper
96 100
61 115.7 83.4 154.8
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV024013.D

Acq: 16 Dec 2021 15:16

Instrument :

MSVOA_V

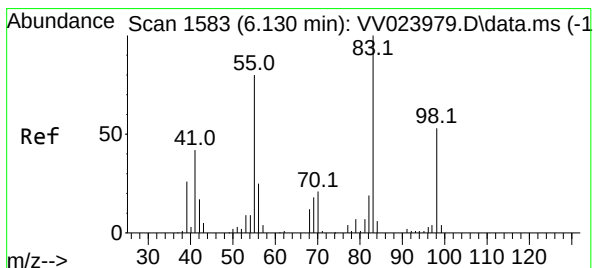
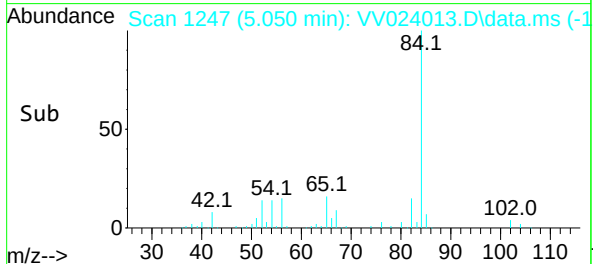
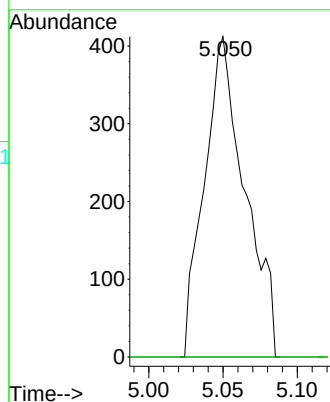
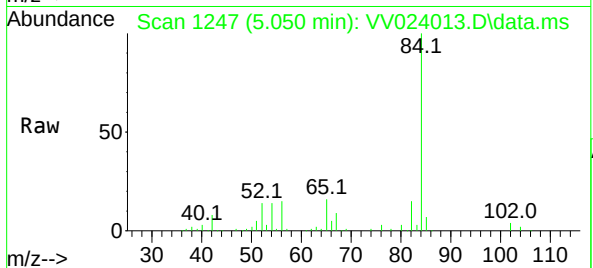
ClientSampleId :

Tgt Ion: 62 Resp: 784

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#



#35

Methylcyclohexane

Concen: 0.653 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV024013.D

Acq: 16 Dec 2021 15:16

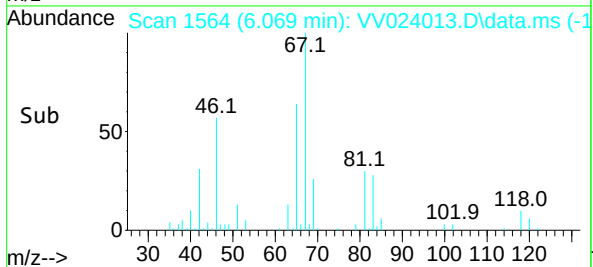
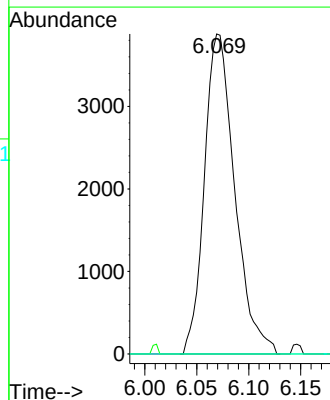
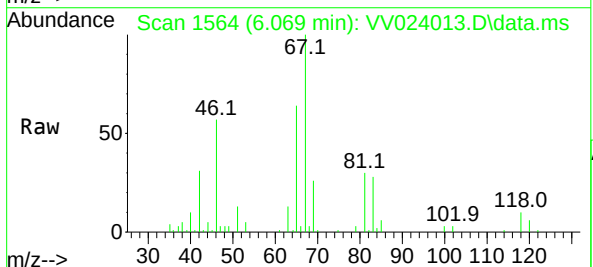
Tgt Ion: 83 Resp: 7882

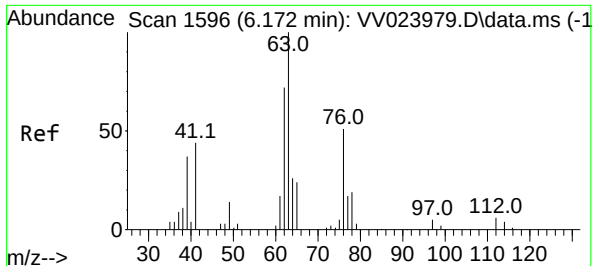
Ion Ratio Lower Upper

83 100

55 0.5 60.2 90.2#

98 6.5 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.526 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024013.D

Acq: 16 Dec 2021 15:16

Instrument :

MSVOA_V

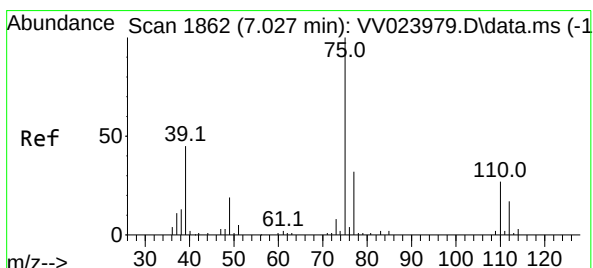
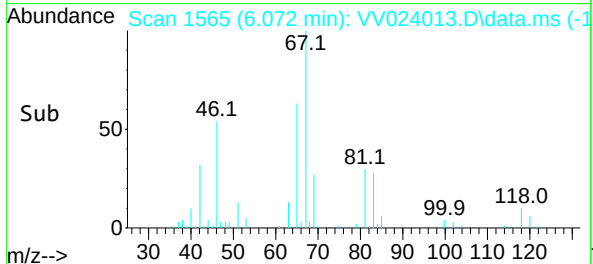
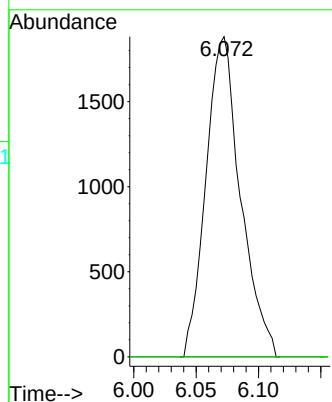
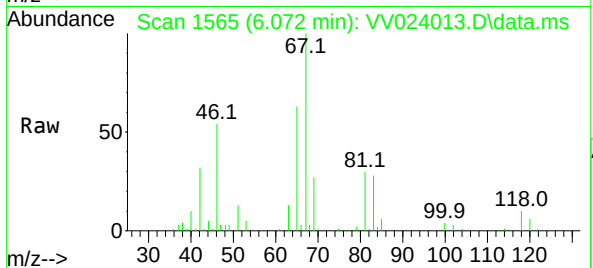
ClientSampleId :

Tgt Ion: 63 Resp: 3637

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV024013.D

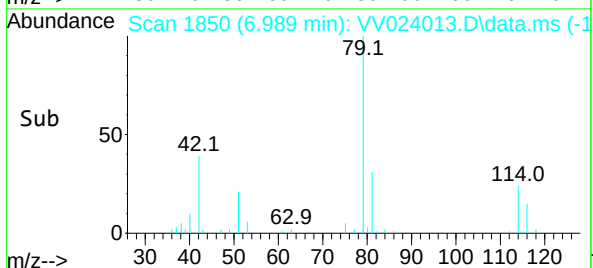
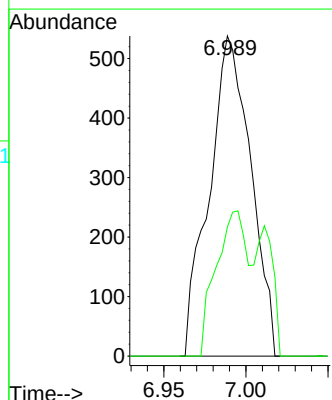
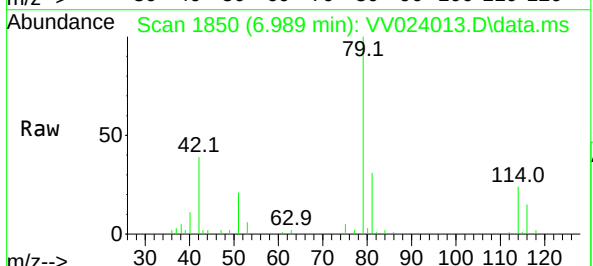
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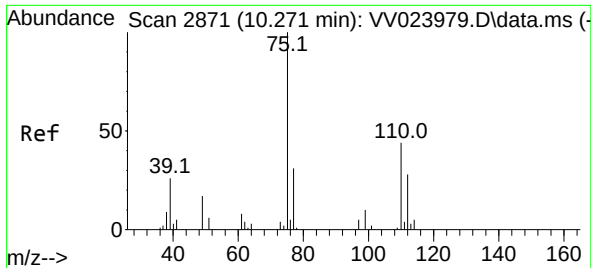
Tgt Ion: 75 Resp: 947

Ion Ratio Lower Upper

75 100

77 40.3 22.0 41.0





#61

1,2,3-Trichloropropane

Concen: 1.479 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

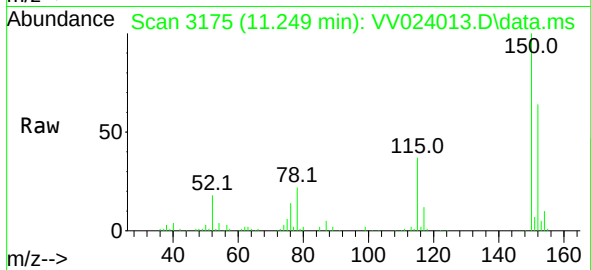
Lab File: VV024013.D

Acq: 16 Dec 2021 15:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5282

Ion Ratio Lower Upper

75 100

77 34.9 26.4 39.6

110 4.5 34.2 51.2#

