

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090923\
 Data File : VV032001.D
 Acq On : 09 Sep 2023 15:29
 Operator : SY/MD
 Sample : 04286-02DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 09 21:55:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 09 21:51:31 2023
 Response via : Initial Calibration

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

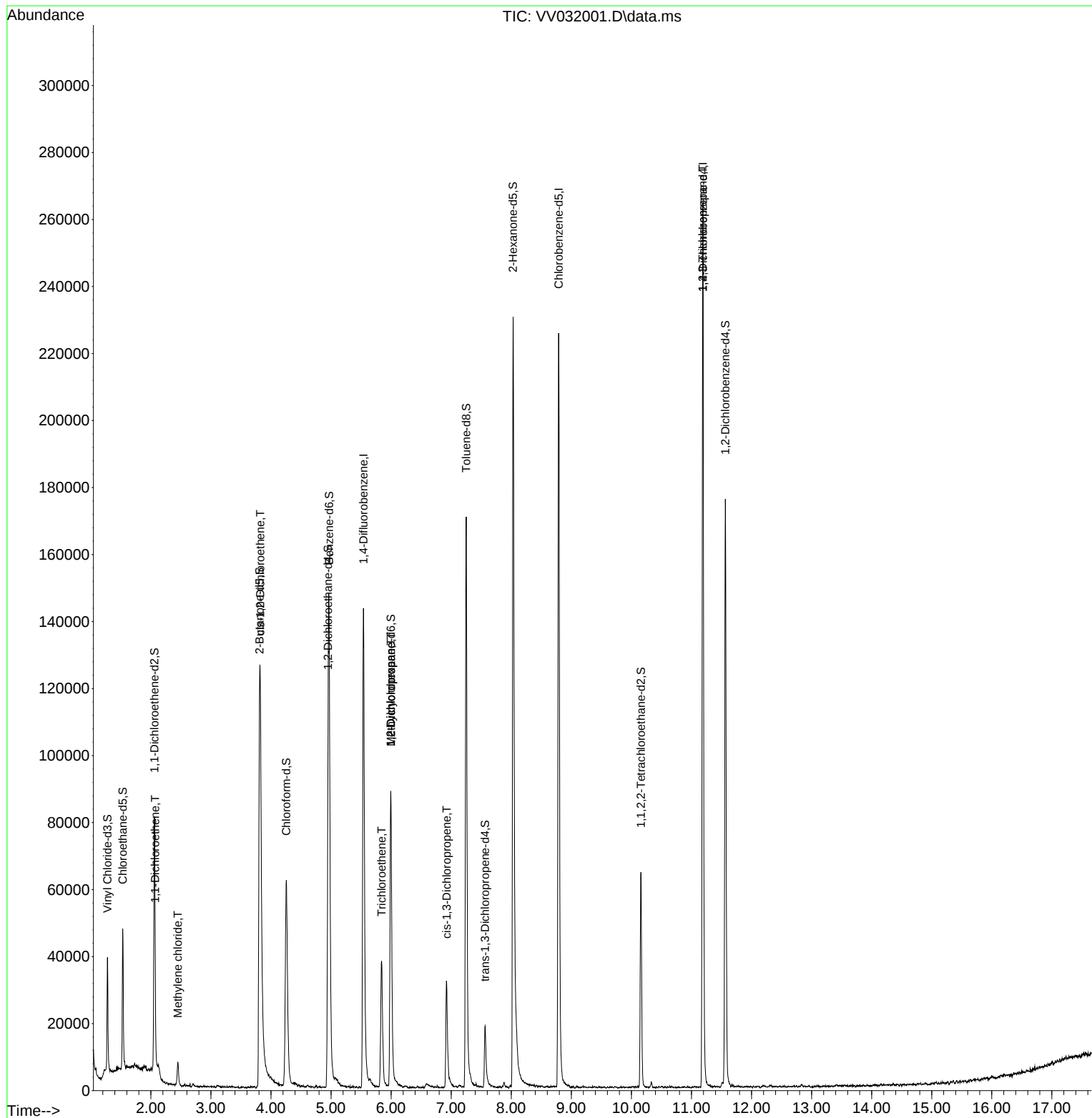
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	123473	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	123723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	65225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21894	5.250	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.000%	
7) Chloroethane-d5	1.532	69	26695	5.588	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	111.800%	
11) 1,1-Dichloroethene-d2	2.060	65	12500	5.093	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.800%	
20) 2-Butanone-d5	3.809	46	115265	57.098	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.200%	
24) Chloroform-d	4.256	84	65172	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
26) 1,2-Dichloroethane-d4	4.950	65	34909	4.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	4.966	84	131734	4.679	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	5.995	67	47195	4.754	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.000%	
41) Toluene-d8	7.249	98	116785	4.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	7.564	79	12380	3.420	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.400%	
46) 2-Hexanone-d5	8.031	63	86195	44.657	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.320%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32921	4.622	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	43744	4.141	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.073	96	2247	0.404	ug/L #	1
16) Methylene chloride	2.449	84	2620	0.290	ug/L	93
22) cis-1,2-Dichloroethene	3.822	96	40625	5.597	ug/L	97
34) Trichloroethene	5.841	95	14075	1.690	ug/L	88
35) Methylcyclohexane	5.995	83	10429	0.860	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	5152	0.656	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	990	0.083	ug/L #	61
61) 1,2,3-Trichloropropane	11.188	75	8916	1.856	ug/L #	69

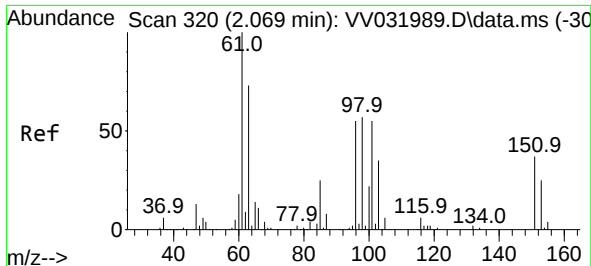
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 09 21:51:31 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.404 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032001.D

Acq: 09 Sep 2023 15:29

Instrument :

MSVOA_V

ClientSampleId :

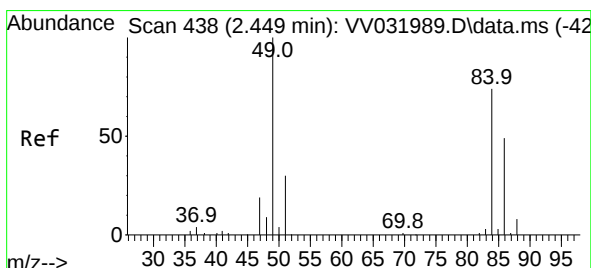
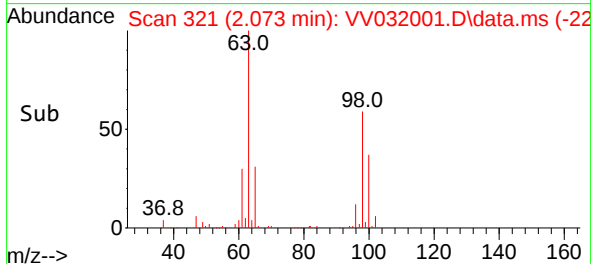
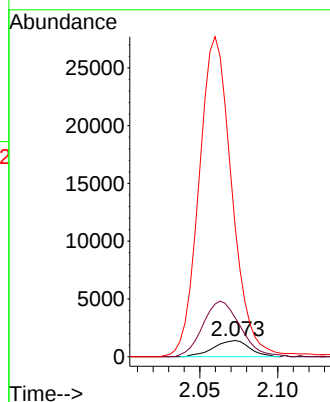
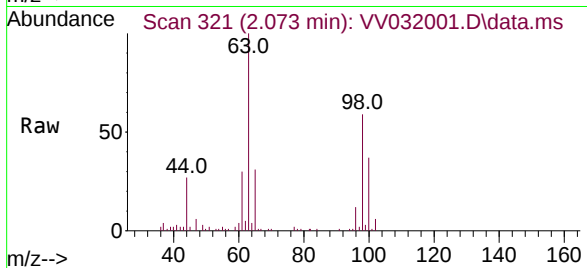
Tgt Ion: 96 Resp: 2247

Ion Ratio Lower Upper

96 100

61 241.7 129.0 239.6#

63 811.2 99.0 183.8#



#16

Methylene chloride

Concen: 0.290 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV032001.D

Acq: 09 Sep 2023 15:29

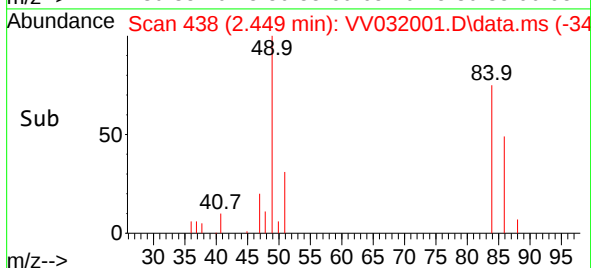
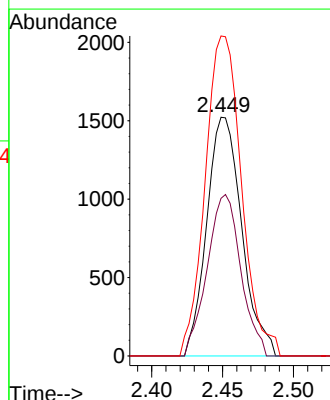
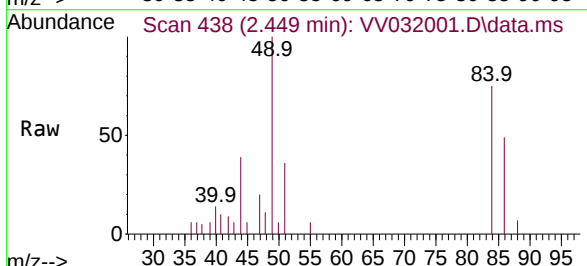
Tgt Ion: 84 Resp: 2620

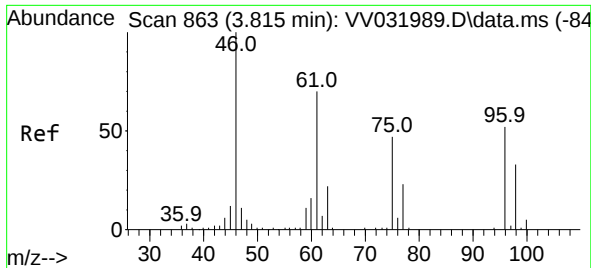
Ion Ratio Lower Upper

84 100

86 66.0 42.6 79.2

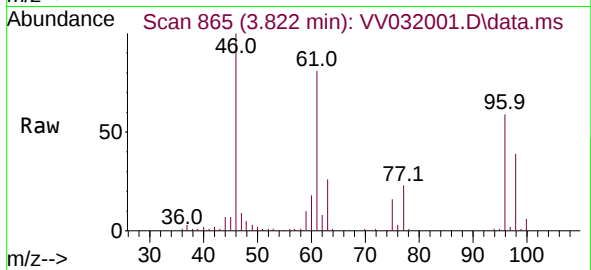
49 134.0 88.5 164.4





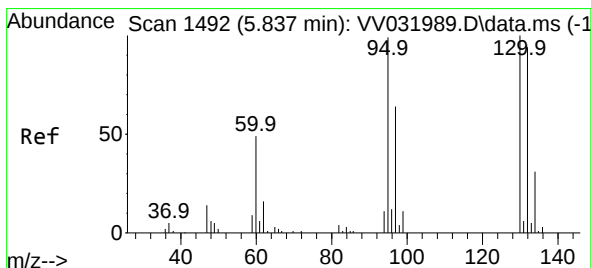
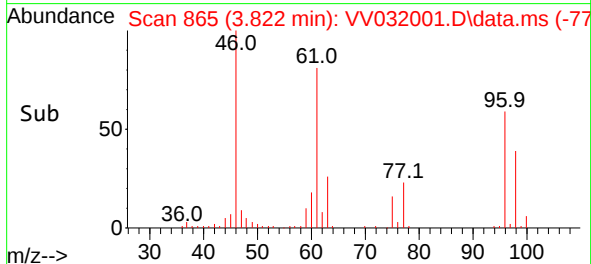
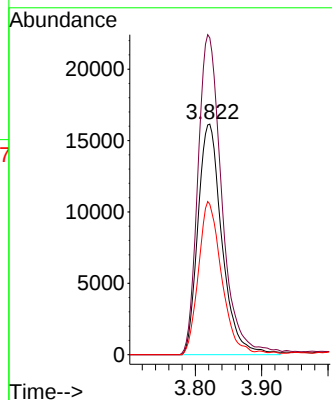
#22
cis-1,2-Dichloroethene
Concen: 5.597 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV032001.D
Acq: 09 Sep 2023 15:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 40625

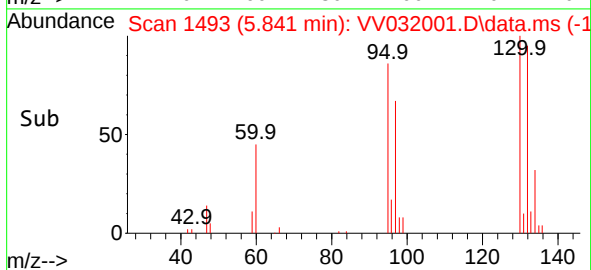
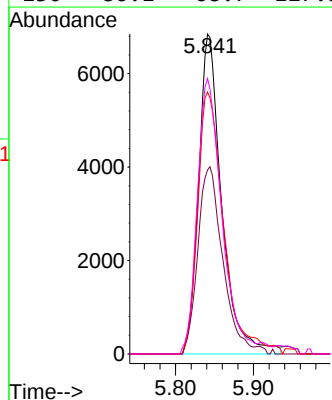
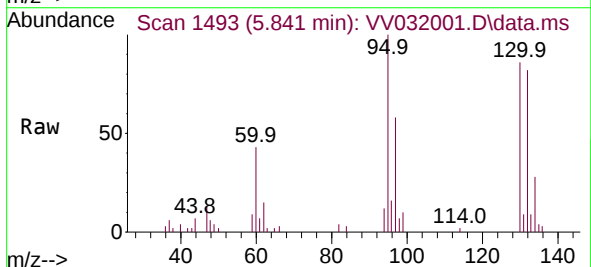
Ion	Ratio	Lower	Upper
96	100		
61	137.4	94.1	174.8
98	65.2	43.8	81.4

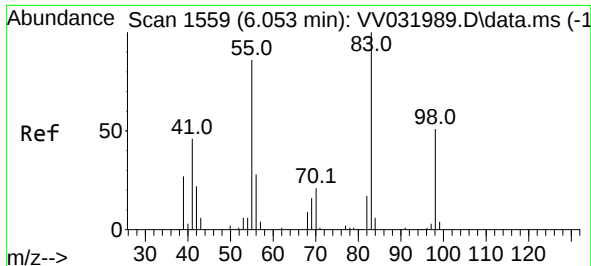


#34
Trichloroethene
Concen: 1.690 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV032001.D
Acq: 09 Sep 2023 15:29

Tgt Ion: 95 Resp: 14075

Ion	Ratio	Lower	Upper
95	100		
97	57.5	47.7	88.7
132	81.8	63.8	118.4
130	86.1	68.7	127.5

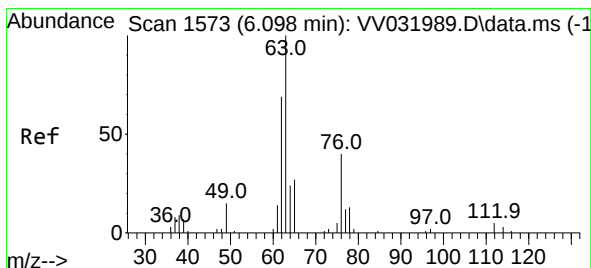
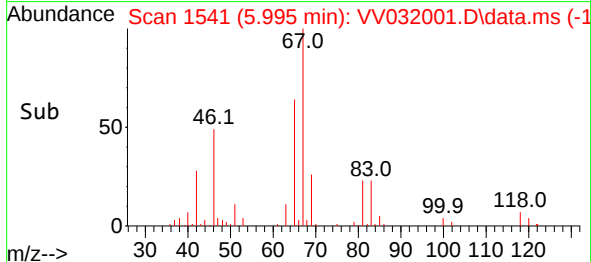
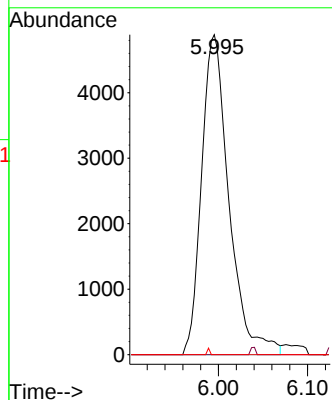
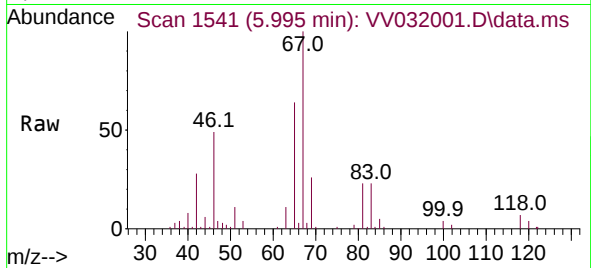




#35
Methylcyclohexane
Concen: 0.860 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.058 min
Lab File: VV032001.D
Acq: 09 Sep 2023 15:29

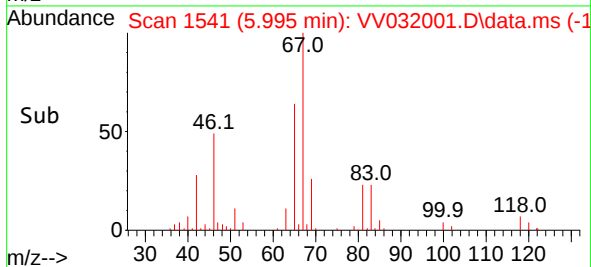
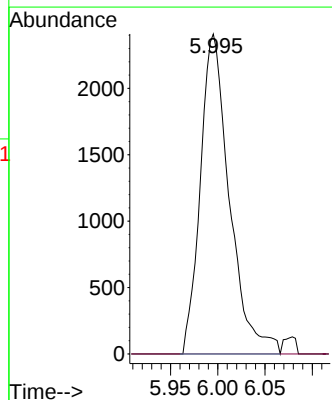
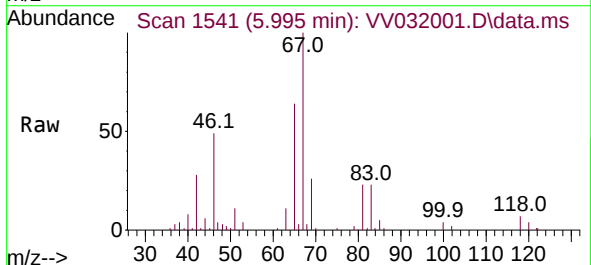
Instrument :
MSVOA_V
ClientSampleId :

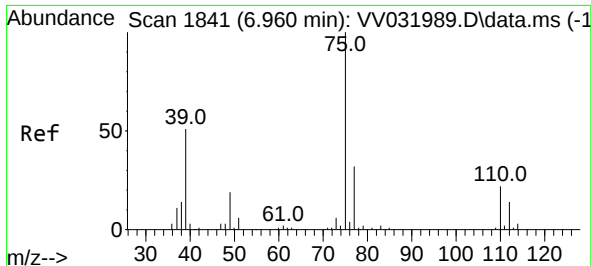
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.6	94.0#
98	1.2	37.8	56.8#



#37
1,2-Dichloropropane
Concen: 0.656 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.103 min
Lab File: VV032001.D
Acq: 09 Sep 2023 15:29

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV032001.D

Acq: 09 Sep 2023 15:29

Instrument :

MSVOA_V

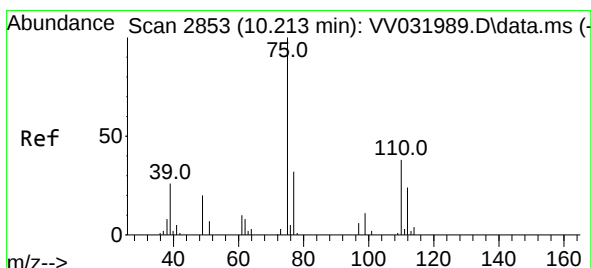
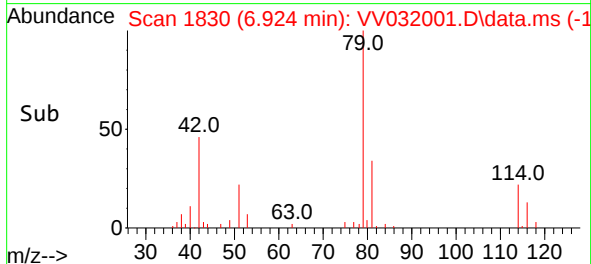
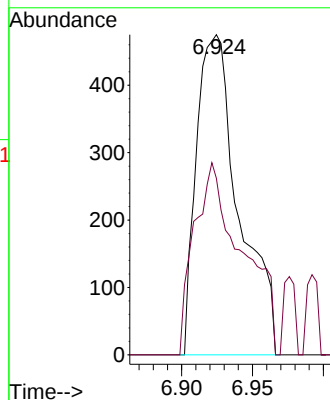
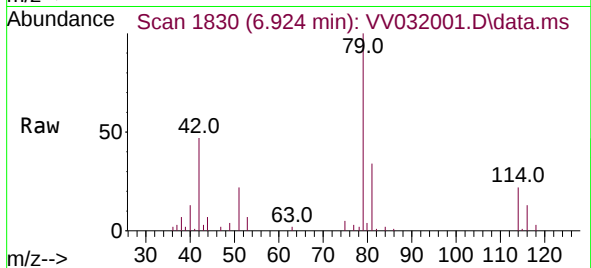
ClientSampleId :

Tgt Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

77 55.2 23.2 43.2#



#61

1,2,3-Trichloropropane

Concen: 1.856 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.975 min

Lab File: VV032001.D

Acq: 09 Sep 2023 15:29

Tgt Ion: 75 Resp: 8916

Ion Ratio Lower Upper

75 100

77 34.3 28.8 43.2

110 3.2 30.2 45.2#

