

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091123\
 Data File : VV032023.D
 Acq On : 11 Sep 2023 13:53
 Operator : SY/MD
 Sample : 04286-18DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 12 06:00:06 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)

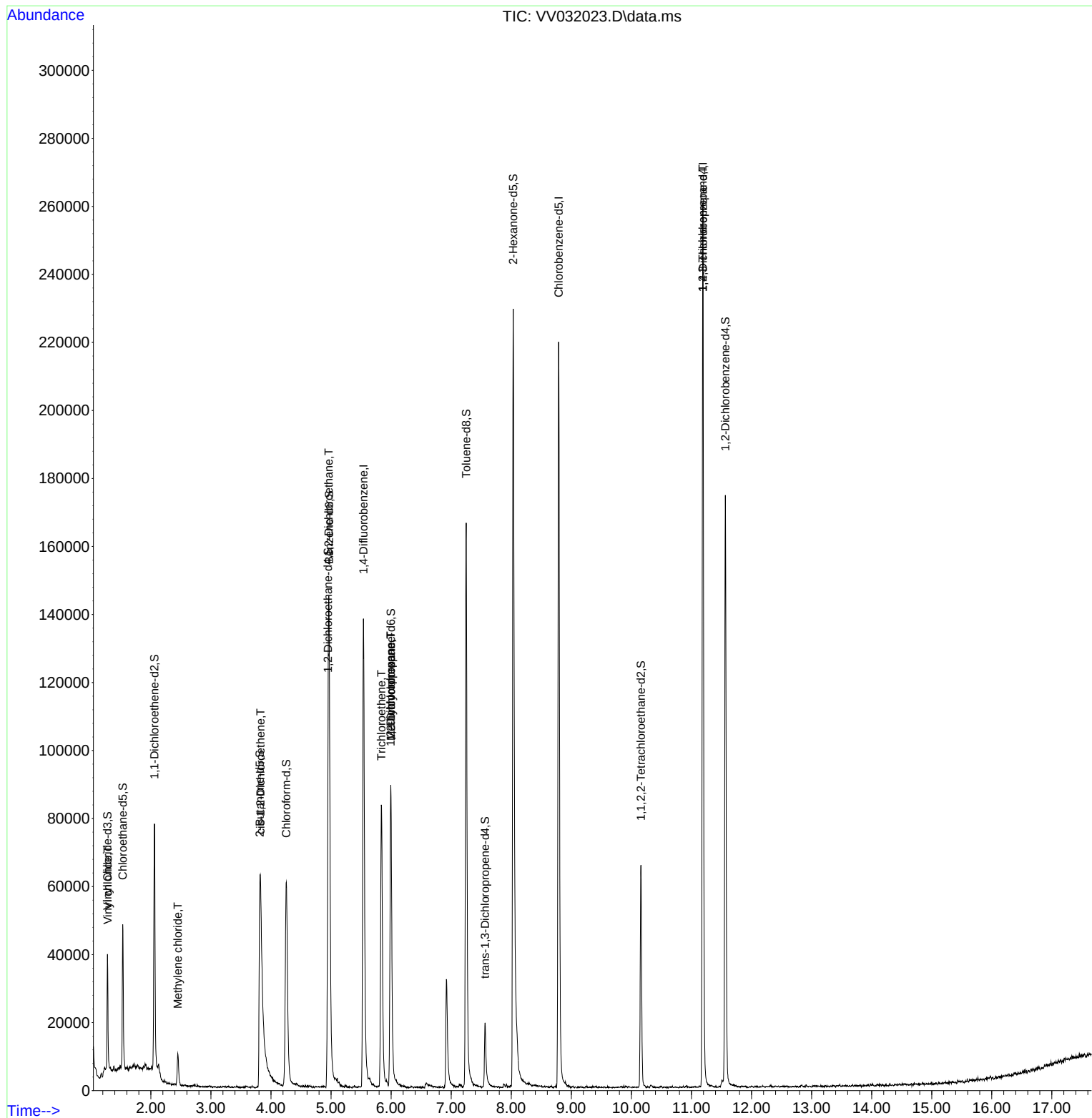
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	119571	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	120872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	63684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21380	5.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.532	69	26910	5.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.060	65	12635	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	3.815	46	119202	60.975	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.960%
24) Chloroform-d	4.256	84	66213	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.950	65	33946	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	4.966	84	132797	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.995	67	46169	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.249	98	113529	4.448	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.564	79	12218	3.455	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.034	63	89871	47.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32507	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	42687	4.139	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.282	62	963	0.128	ug/L #	36
16) Methylene chloride	2.449	84	3558	0.406	ug/L	90
22) cis-1,2-Dichloroethene	3.825	96	8264	1.176	ug/L	96
27) 1,2-Dichloroethane	4.960	62	847	0.111	ug/L #	75
34) Trichloroethene	5.838	95	30401	3.736	ug/L	97
35) Methylcyclohexane	5.995	83	10362	0.875	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	5174	0.674	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	8545	1.822	ug/L #	70

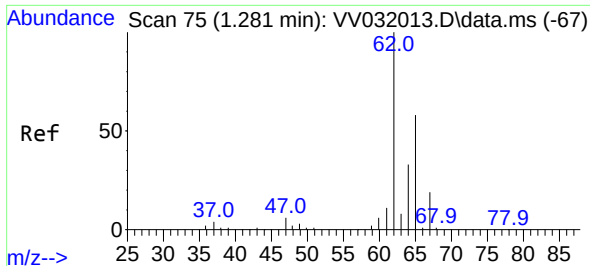
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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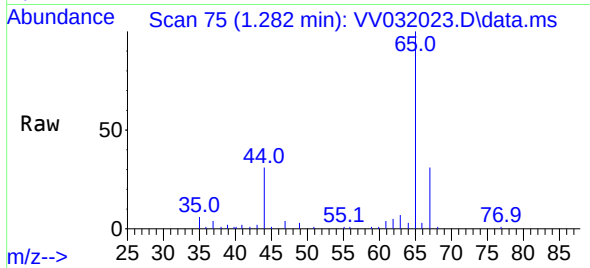
Quant Time: Sep 12 06:00:06 2023
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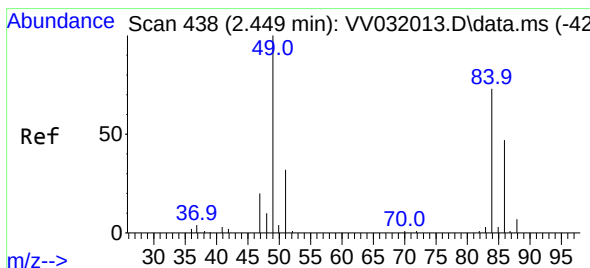
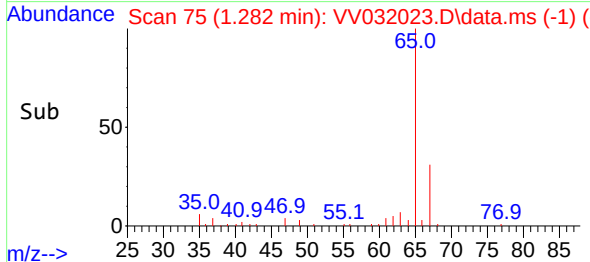
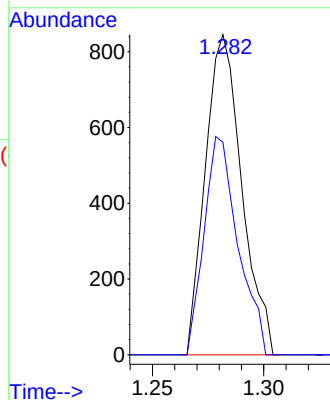


#5
 Vinyl chloride
 Concen: 0.128 ug/L
 RT: 1.282 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV032023.D
 Acq: 11 Sep 2023 13:53

Instrument :
 MSVOA_V
 ClientSampleId :

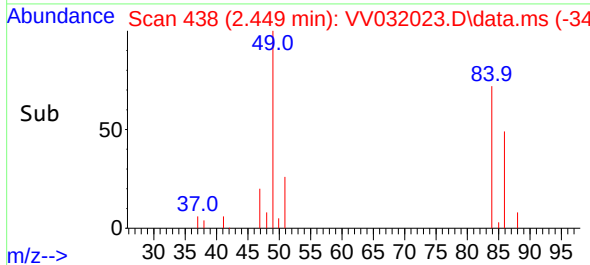
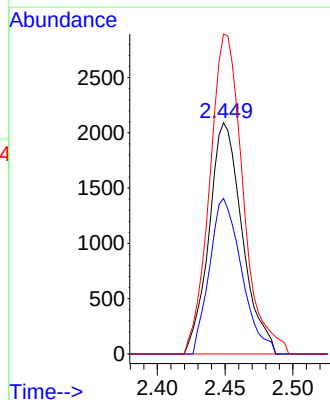
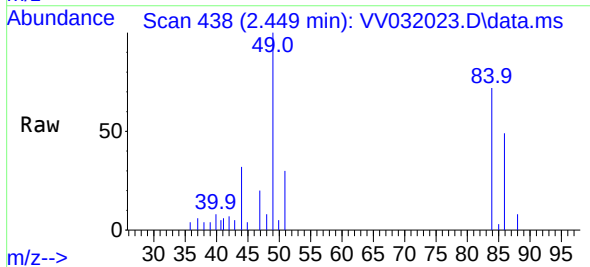


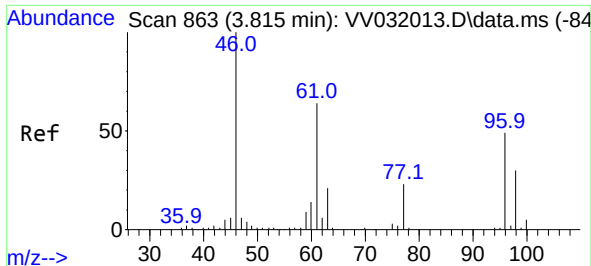
Tgt Ion: 62 Resp: 963
 Ion Ratio Lower Upper
 62 100
 64 66.4 21.7 40.3#



#16
 Methylene chloride
 Concen: 0.406 ug/L
 RT: 2.449 min Scan# 438
 Delta R.T. 0.000 min
 Lab File: VV032023.D
 Acq: 11 Sep 2023 13:53

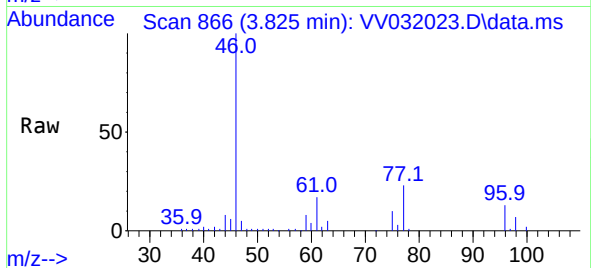
Tgt Ion: 84 Resp: 3558
 Ion Ratio Lower Upper
 84 100
 86 67.2 42.6 79.2
 49 138.4 88.5 164.4





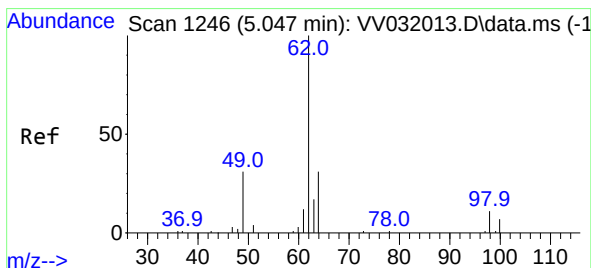
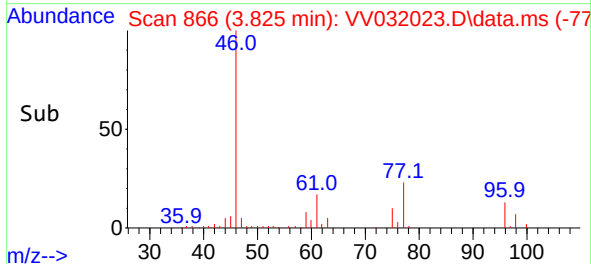
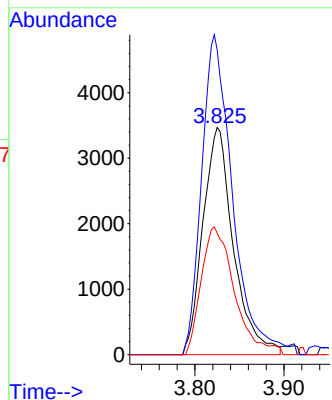
#22
 cis-1,2-Dichloroethene
 Concen: 1.176 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VV032023.D
 Acq: 11 Sep 2023 13:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 8264

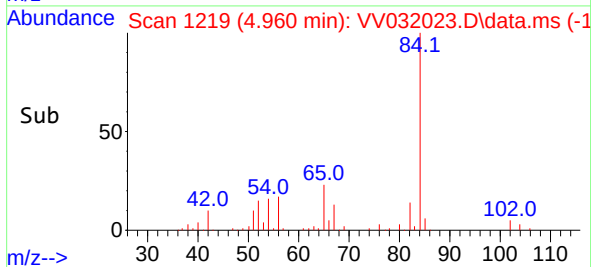
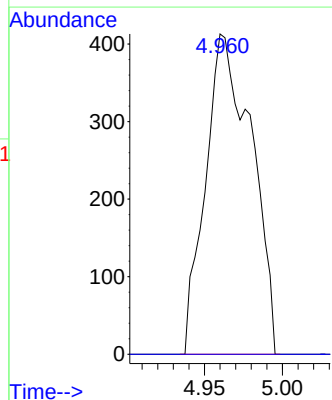
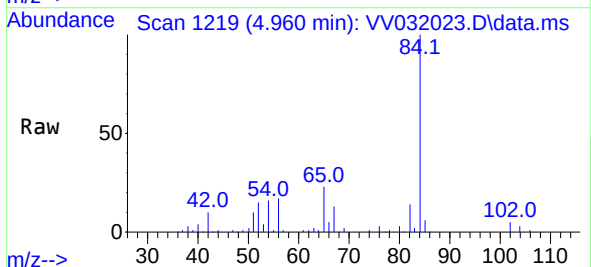
Ion	Ratio	Lower	Upper
96	100		
61	134.3	94.1	174.8
98	53.5	43.8	81.4

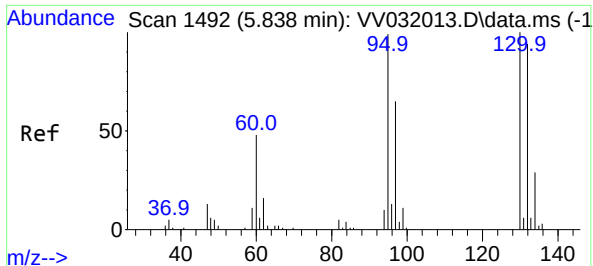


#27
 1,2-Dichloroethane
 Concen: 0.111 ug/L
 RT: 4.960 min Scan# 1219
 Delta R.T. -0.087 min
 Lab File: VV032023.D
 Acq: 11 Sep 2023 13:53

Tgt Ion: 62 Resp: 847

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#





#34

Trichloroethene

Concen: 3.736 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.000 min

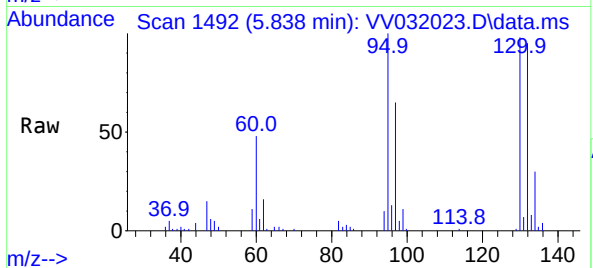
Lab File: VV032023.D

Acq: 11 Sep 2023 13:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 30401

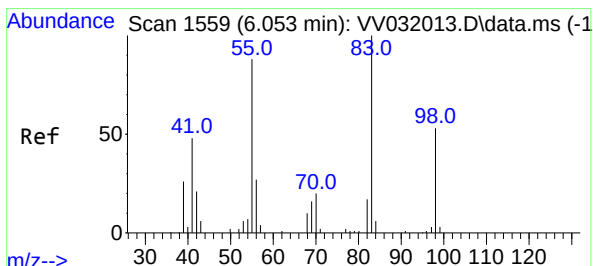
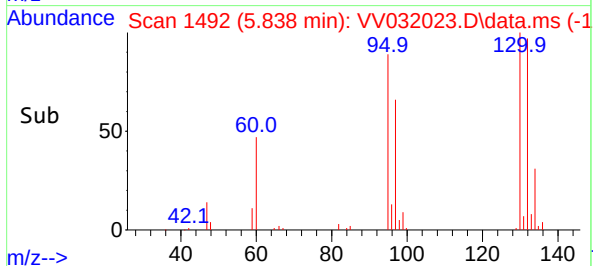
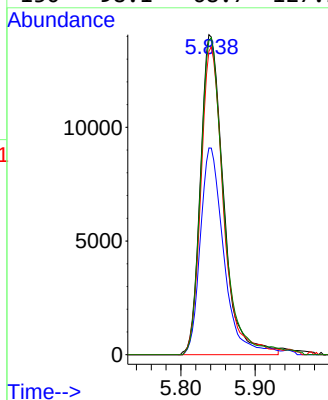
Ion Ratio Lower Upper

95 100

97 64.6 47.7 88.7

132 94.9 63.8 118.4

130 98.1 68.7 127.5



#35

Methylcyclohexane

Concen: 0.875 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.058 min

Lab File: VV032023.D

Acq: 11 Sep 2023 13:53

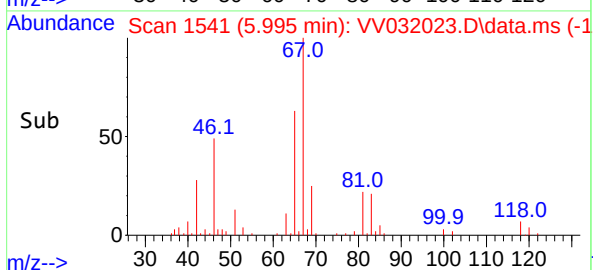
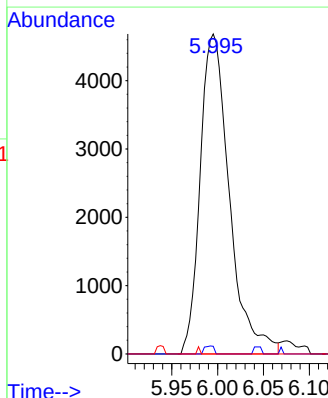
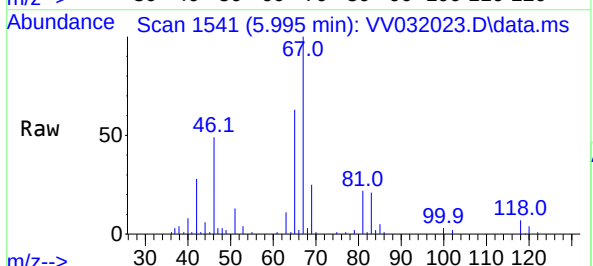
Tgt Ion: 83 Resp: 10362

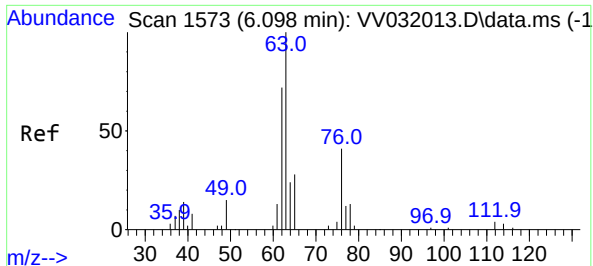
Ion Ratio Lower Upper

83 100

55 0.8 62.6 94.0#

98 0.6 37.8 56.8#

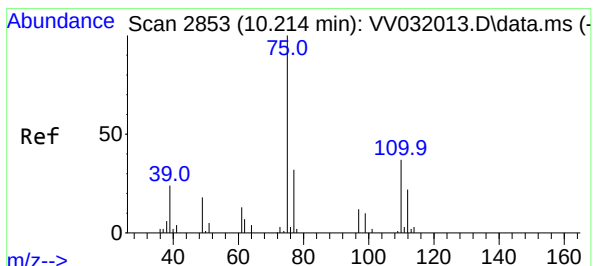
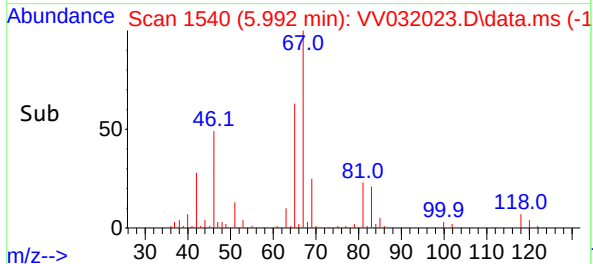
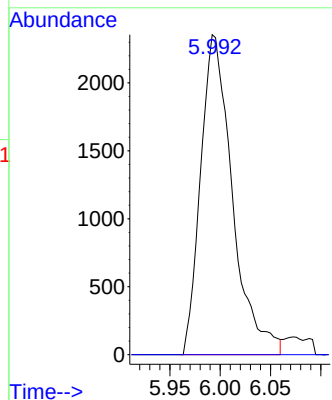
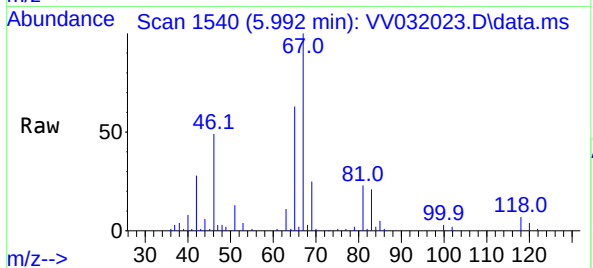




#37
1,2-Dichloropropane
Concen: 0.674 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV032023.D
Acq: 11 Sep 2023 13:53

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 5174
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#61
1,2,3-Trichloropropane
Concen: 1.822 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.975 min
Lab File: VV032023.D
Acq: 11 Sep 2023 13:53

Tgt Ion: 75 Resp: 8545
Ion Ratio Lower Upper
75 100
77 35.8 28.8 43.2
110 2.6 30.2 45.2#

