

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032710.D
 Acq On : 28 Oct 2023 02:13
 Operator : SY/MD
 Sample : 05055-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 05:10:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 02:08:41 2023
 Response via : Initial Calibration

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

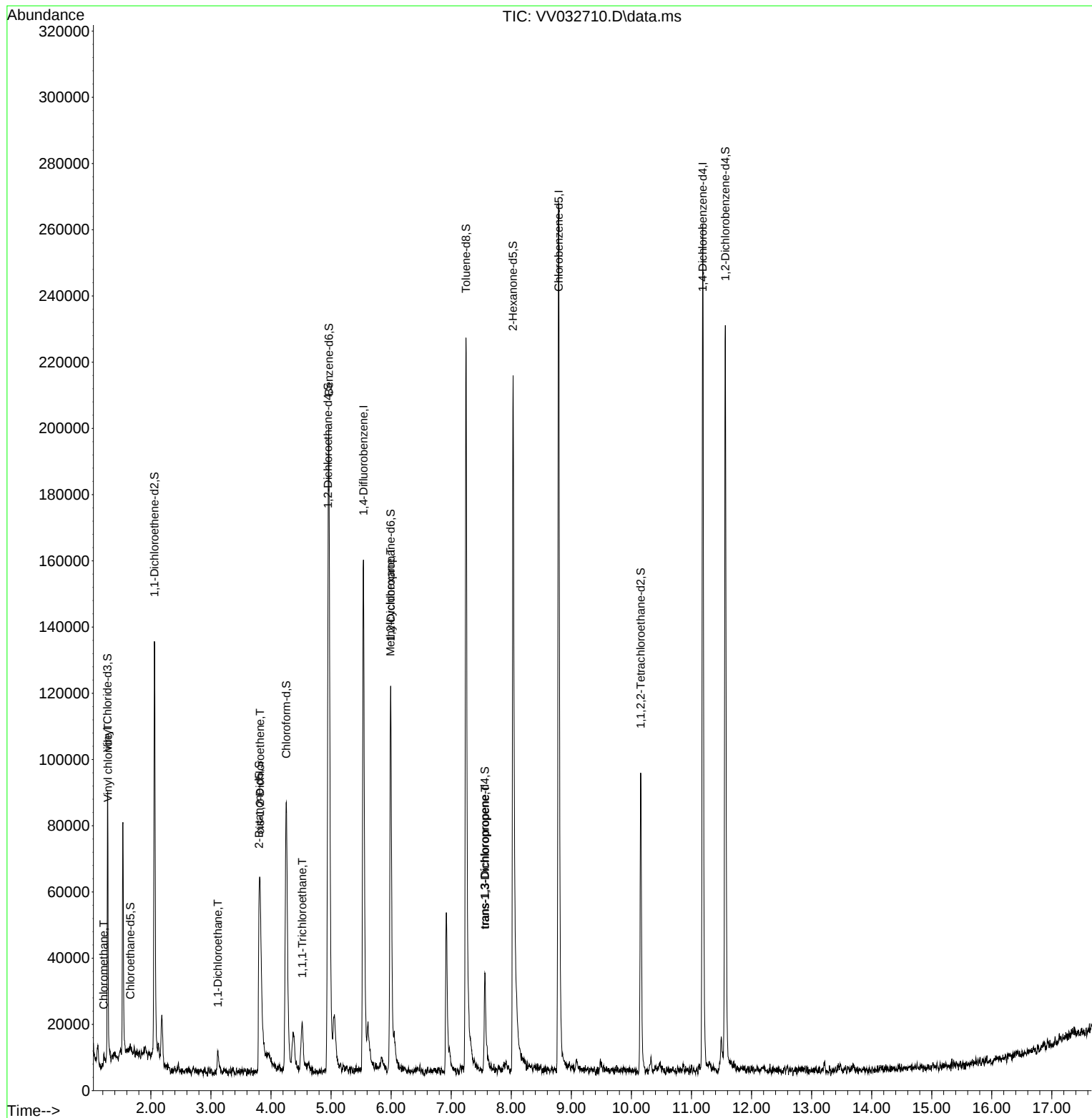
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	134226	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152945	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48216	4.374	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.658	69	2375	0.254	ug/L	0.13
Spiked Amount	5.000	Range	65 - 130	Recovery	=	5.000%#
11) 1,1-Dichloroethene-d2	2.059	65	20923	4.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.802	46	91021	38.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.480%
24) Chloroform-d	4.252	84	88895	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.950	65	45146	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.963	84	175890	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.992	67	55762	5.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.246	98	162523	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	7.561	79	18672	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.030	63	73284	39.742	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.480%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	42328	4.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	56788	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	2591	0.159	ug/L	97
5) Vinyl chloride	1.285	62	3667	0.227	ug/L #	68
19) 1,1-Dichloroethane	3.117	63	5865	0.279	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	10828	0.900	ug/L	95
29) 1,1,1-Trichloroethane	4.519	97	11506	0.583	ug/L	97
35) Methylcyclohexane	5.989	83	14200	0.738	ug/L #	21
44) trans-1,3-Dichloropropene	7.564	75	1436	0.094	ug/L	90

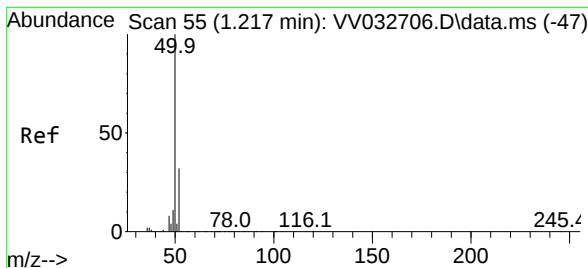
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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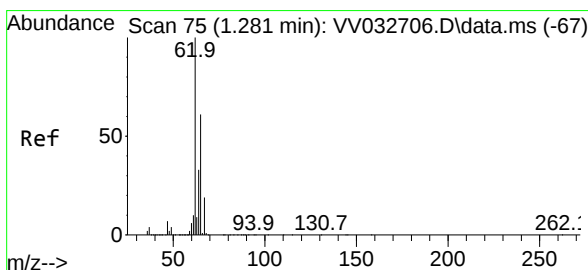
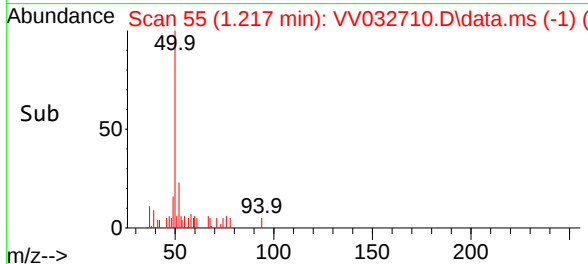
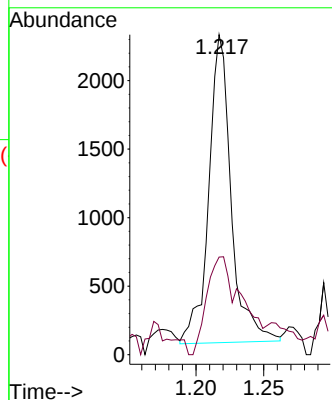
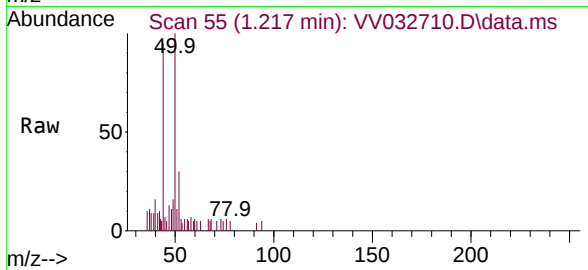




#3
Chloromethane
Concen: 0.159 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13

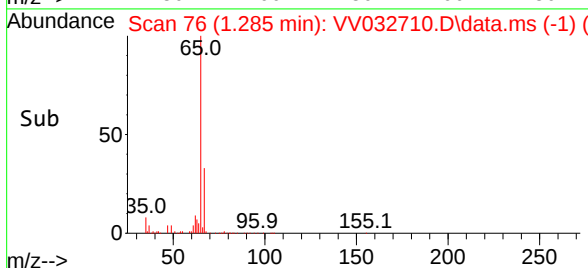
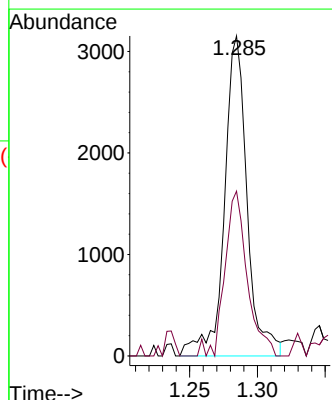
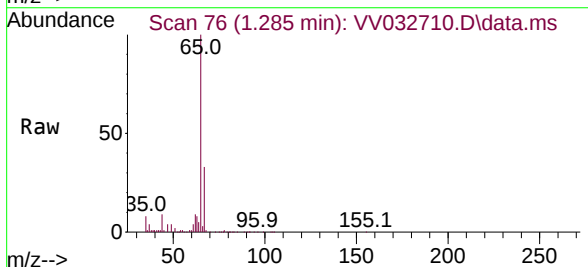
Instrument :
MSVOA_V
ClientSampleId :

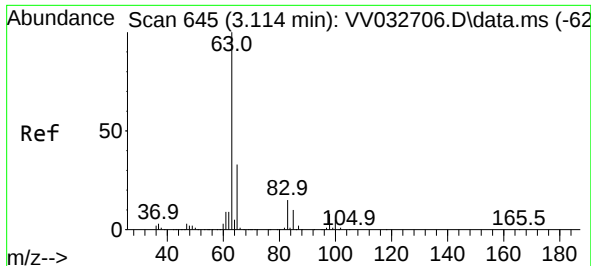
Tgt Ion: 50 Resp: 2591
Ion Ratio Lower Upper
50 100
52 30.5 22.3 41.5



#5
Vinyl chloride
Concen: 0.227 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV032710.D
Acq: 28 Oct 2023 02:13

Tgt Ion: 62 Resp: 3667
Ion Ratio Lower Upper
62 100
64 51.5 23.2 43.0#





#19

1,1-Dichloroethane

Concen: 0.279 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV032710.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_V

ClientSampleId :

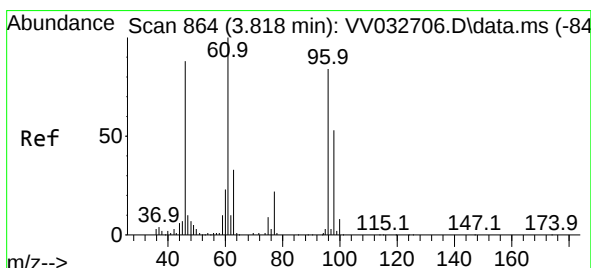
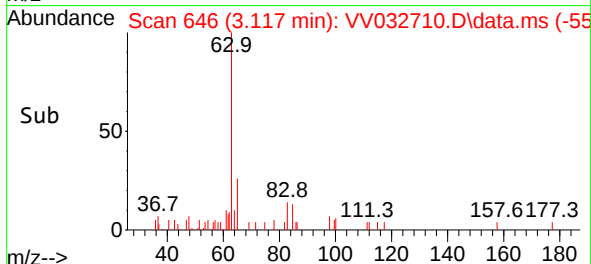
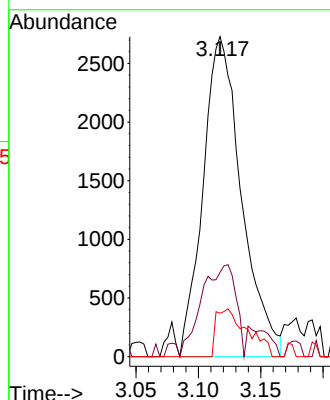
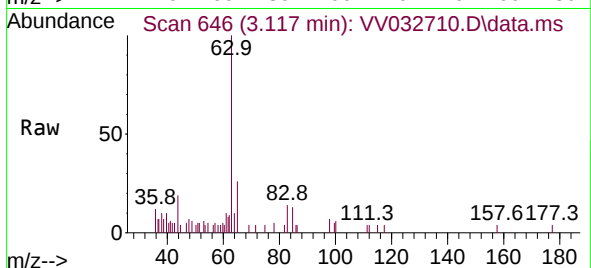
Tgt Ion: 63 Resp: 5865

Ion Ratio Lower Upper

63 100

65 26.4 21.5 39.9

83 13.6 9.2 17.0



#22

cis-1,2-Dichloroethene

Concen: 0.900 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.000 min

Lab File: VV032710.D

Acq: 28 Oct 2023 02:13

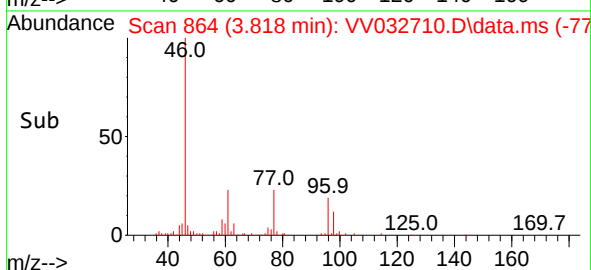
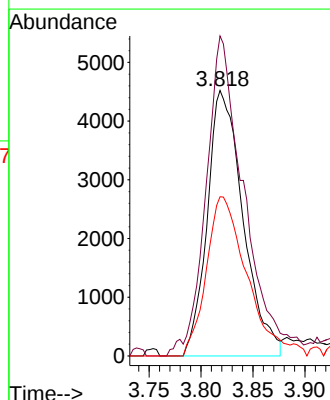
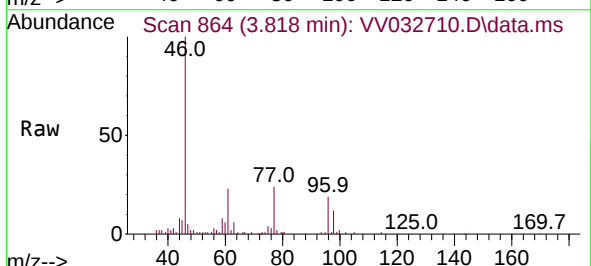
Tgt Ion: 96 Resp: 10828

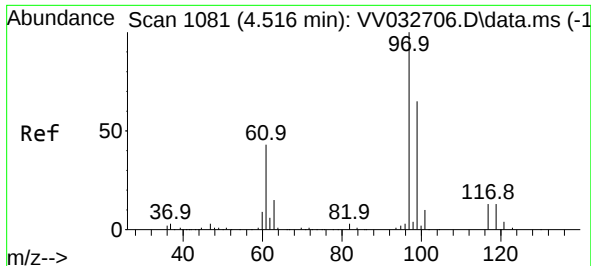
Ion Ratio Lower Upper

96 100

61 120.6 87.7 162.9

98 60.0 45.0 83.6





#29

1,1,1-Trichloroethane

Concen: 0.583 ug/L

RT: 4.519 min Scan# 11506

Delta R.T. 0.003 min

Lab File: VV032710.D

Acq: 28 Oct 2023 02:13

Instrument :

MSVOA_V

ClientSampleId :

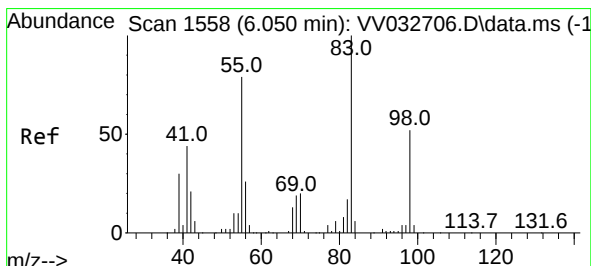
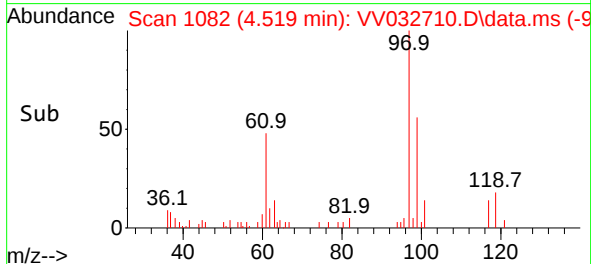
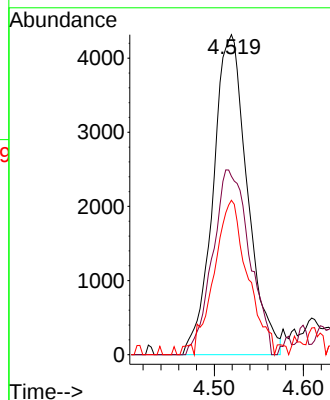
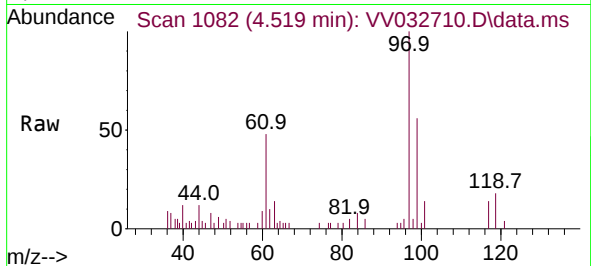
Tgt Ion: 97 Resp: 11506

Ion Ratio Lower Upper

97 100

99 62.2 51.4 77.0

61 47.1 36.1 54.1



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV032710.D

Acq: 28 Oct 2023 02:13

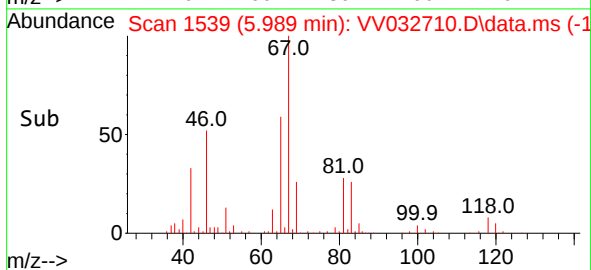
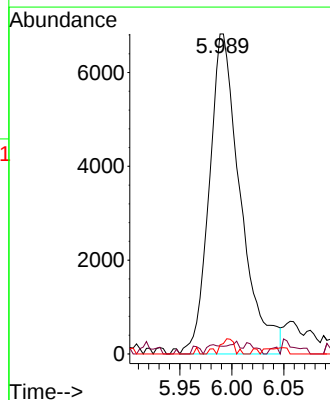
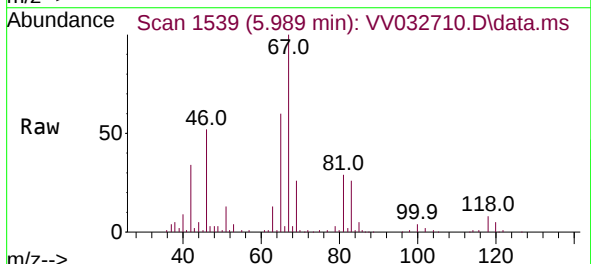
Tgt Ion: 83 Resp: 14200

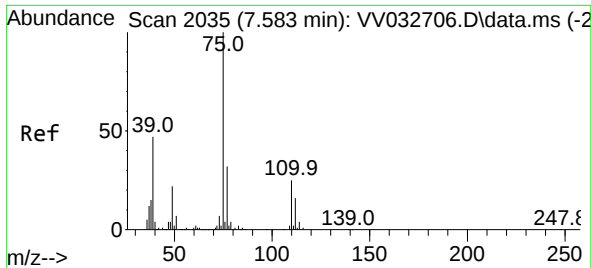
Ion Ratio Lower Upper

83 100

55 1.4 59.6 89.4#

98 2.2 39.1 58.7#





#44
 trans-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.564 min Scan# 2035
 Delta R.T. -0.019 min
 Lab File: VV032710.D
 Acq: 28 Oct 2023 02:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 1436
 Ion Ratio Lower Upper
 75 100
 77 27.9 23.4 43.4

