

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
 Data File : VV031051.D
 Acq On : 16 May 2023 14:29
 Operator : SY/MD
 Sample : 02790-08DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:44:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

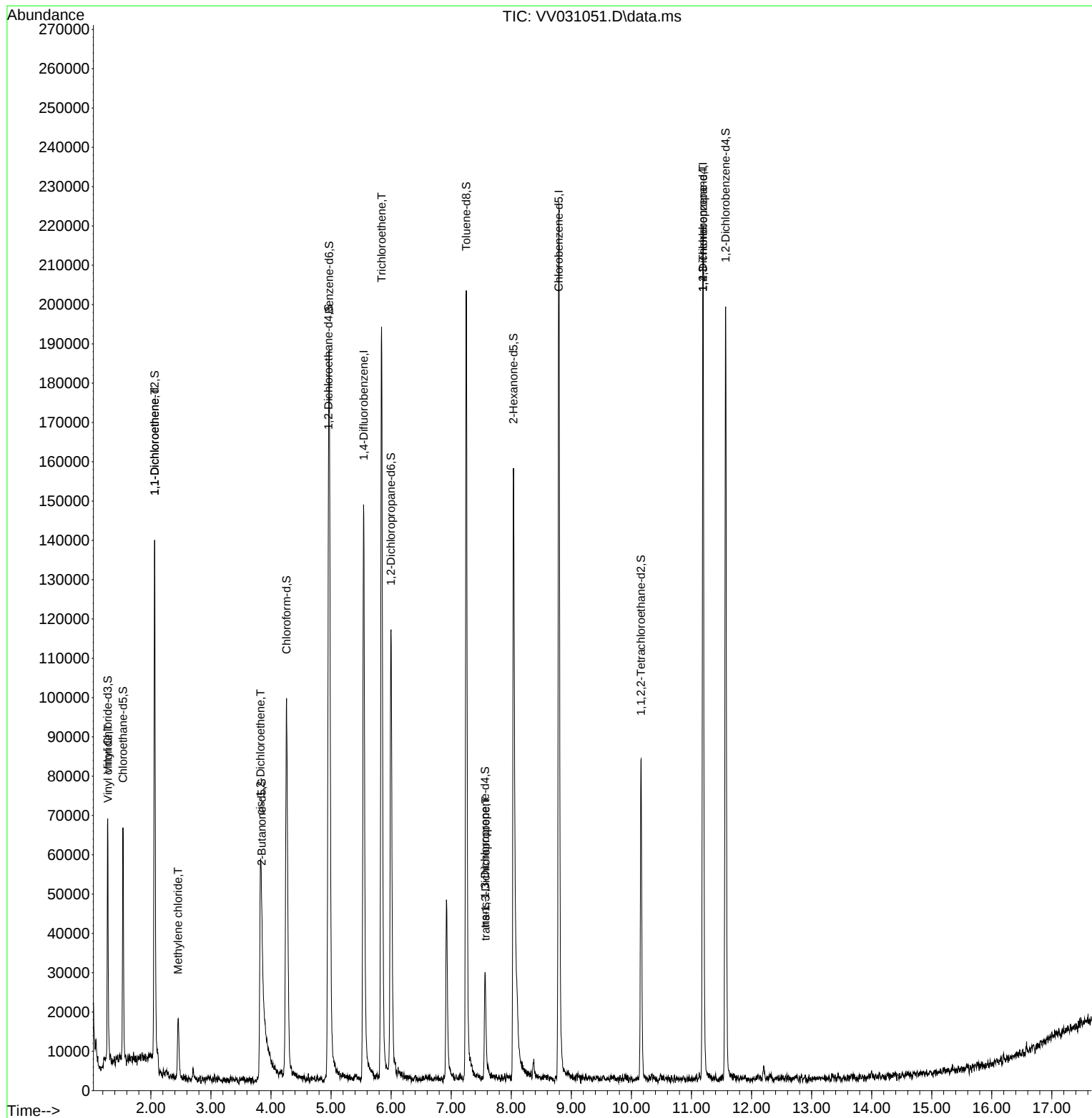
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	126616	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	122862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	62077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39134	3.751	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.000%	
7) Chloroethane-d5	1.535	69	37146	4.365	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.063	65	22230	4.027	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.600%	
20) 2-Butanone-d5	3.847	46	75410	40.765	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	81.520%	
24) Chloroform-d	4.259	84	96525	4.656	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	4.957	65	50705	4.811	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	4.969	84	163039	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	5.998	67	48681	4.649	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.249	98	137997	4.024	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.400%	
43) trans-1,3-Dichloroprop...	7.564	79	15978	4.070	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.400%	
46) 2-Hexanone-d5	8.037	63	58084	42.233	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.460%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	35886	4.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	52290	4.519	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	3658	0.372	ug/L #	79
12) 1,1-Dichloroethene	2.063	96	1482	0.174	ug/L #	1
16) Methylene chloride	2.455	84	6696	0.695	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	18870	2.298	ug/L	95
34) Trichloroethene	5.841	95	64532	7.833	ug/L	97
44) trans-1,3-Dichloropropene	7.571	75	984	0.105	ug/L	87
61) 1,2,3-Trichloropropane	11.191	75	6785	1.740	ug/L #	61

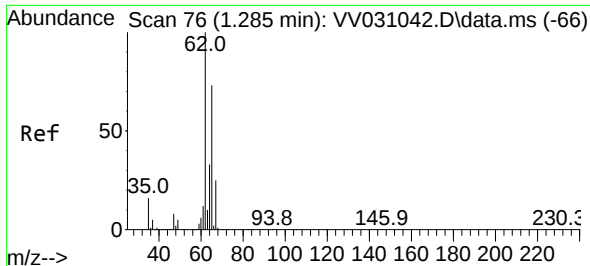
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 01:44:04 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 17 01:41:23 2023
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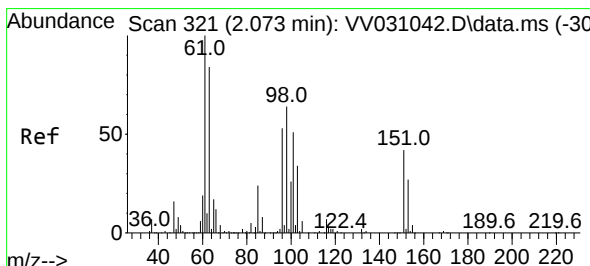
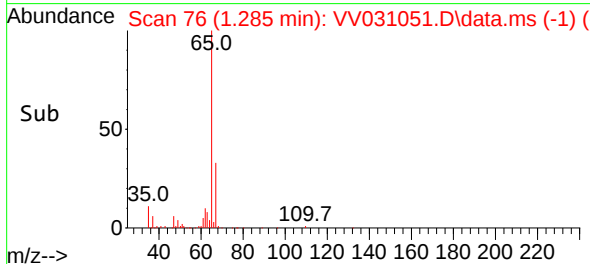
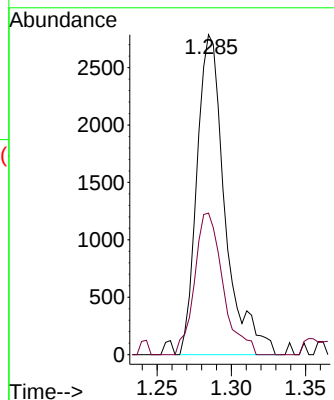
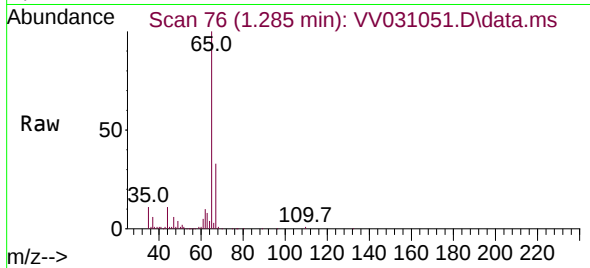




#5
 Vinyl chloride
 Concen: 0.372 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV031051.D
 Acq: 16 May 2023 14:29

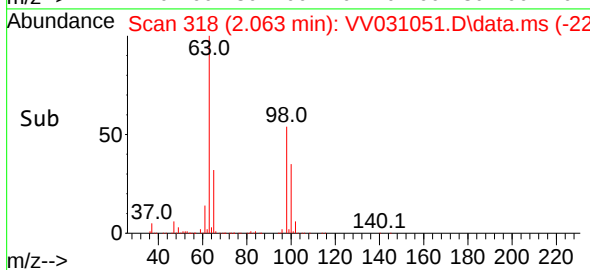
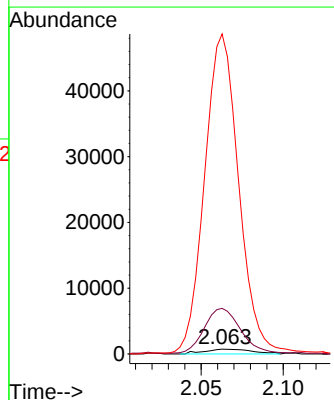
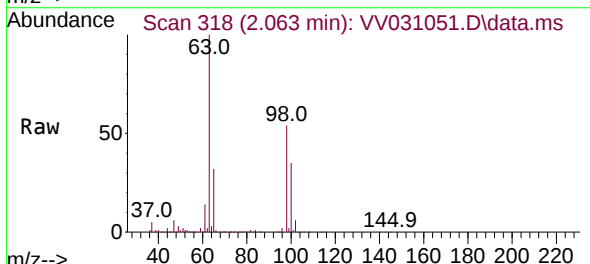
Instrument :
 MSVOA_V
 ClientSampleId :

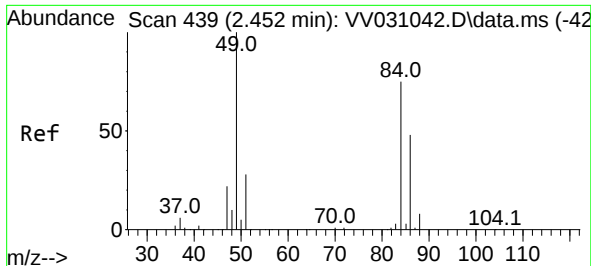
Tgt Ion: 62 Resp: 3658
 Ion Ratio Lower Upper
 62 100
 64 44.2 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.174 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.010 min
 Lab File: VV031051.D
 Acq: 16 May 2023 14:29

Tgt Ion: 96 Resp: 1482
 Ion Ratio Lower Upper
 96 100
 61 945.0 135.6 251.8#
 63 6636.8 121.1 224.9#

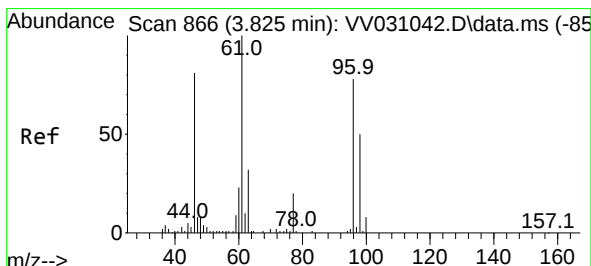
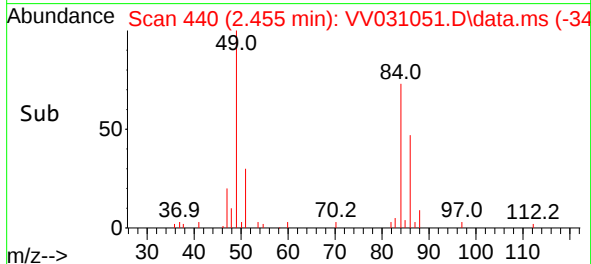
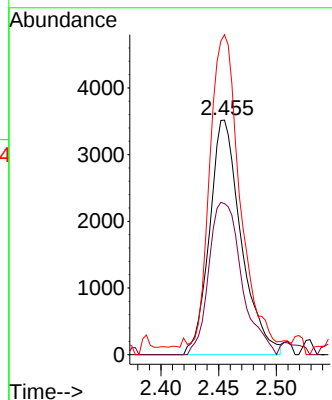
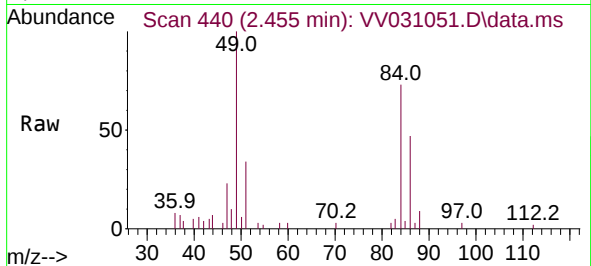




#16
Methylene chloride
Concen: 0.695 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031051.D
Acq: 16 May 2023 14:29

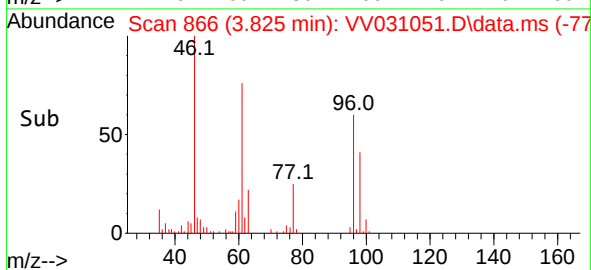
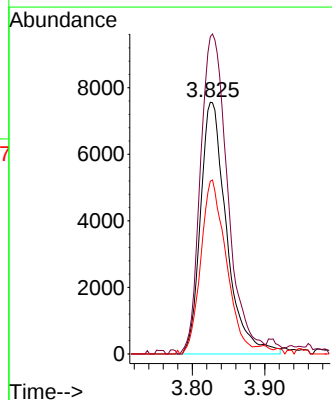
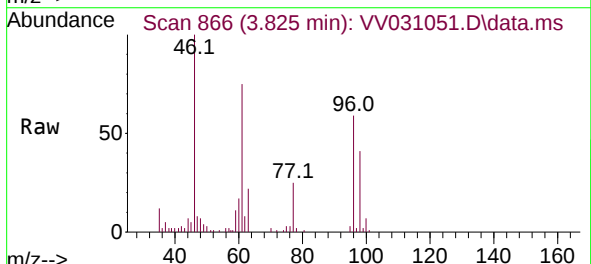
Instrument :
MSVOA_V
ClientSampleId :

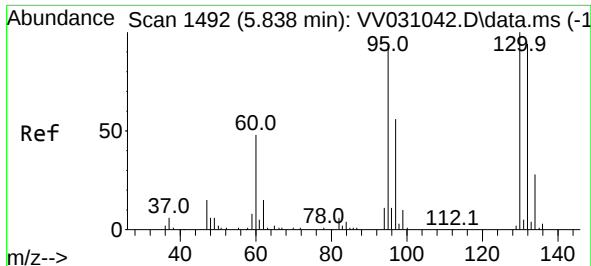
Tgt Ion: 84 Resp: 6696
Ion Ratio Lower Upper
84 100
86 64.4 46.1 85.5
49 136.5 94.3 175.1



#22
cis-1,2-Dichloroethene
Concen: 2.298 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV031051.D
Acq: 16 May 2023 14:29

Tgt Ion: 96 Resp: 18870
Ion Ratio Lower Upper
96 100
61 126.1 86.0 159.6
98 68.7 43.2 80.2





#34

Trichloroethene

Concen: 7.833 ug/L

RT: 5.841 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV031051.D

Acq: 16 May 2023 14:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 64532

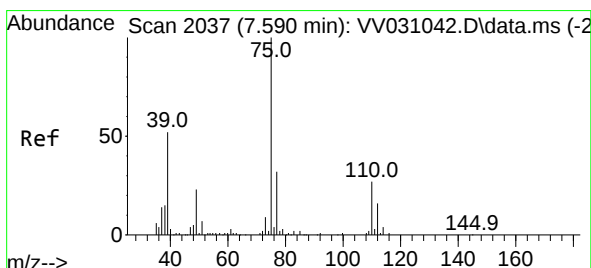
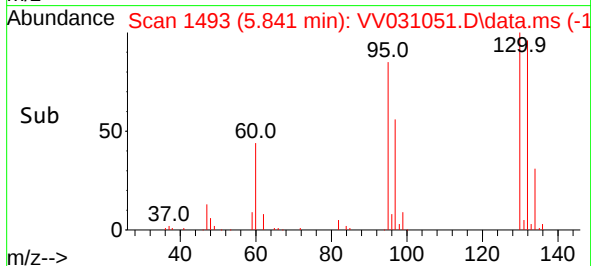
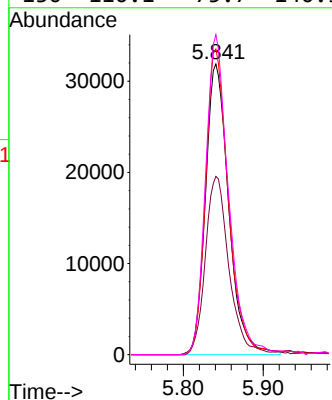
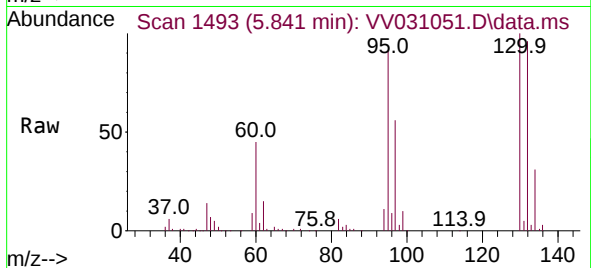
Ion Ratio Lower Upper

95 100

97 61.3 46.2 85.8

132 105.1 72.7 135.1

130 110.1 75.7 140.5



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.019 min

Lab File: VV031051.D

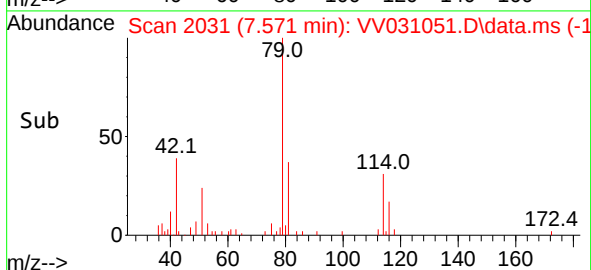
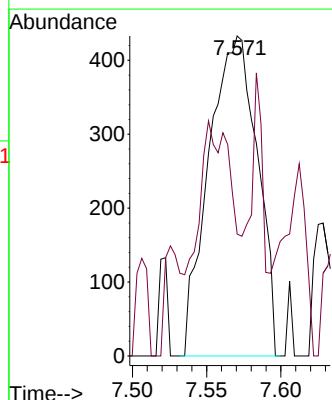
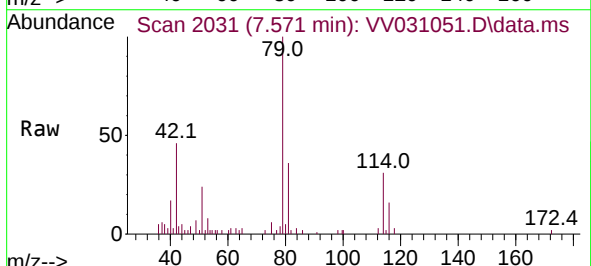
Acq: 16 May 2023 14:29

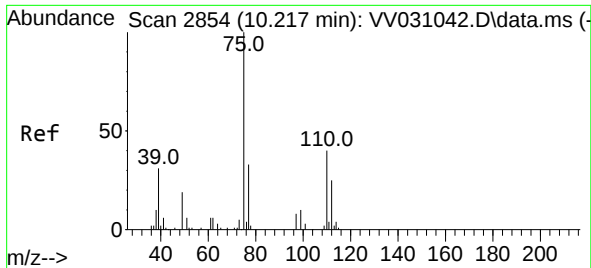
Tgt Ion: 75 Resp: 984

Ion Ratio Lower Upper

75 100

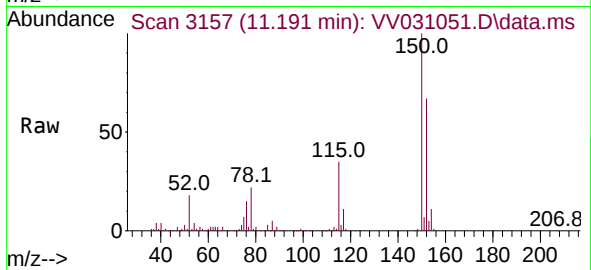
77 38.1 21.6 40.0





#61
 1,2,3-Trichloropropane
 Concen: 1.740 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031051.D
 Acq: 16 May 2023 14:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	6785
Ion	Ratio	Lower Upper
75	100	
77	37.1	25.3 37.9
110	4.5	34.0 51.0#

