

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031050.D
 Acq On : 16 May 2023 14:05
 Operator : SY/MD
 Sample : 02790-06DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONY0DL

Quant Time: May 17 01:43:47 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)

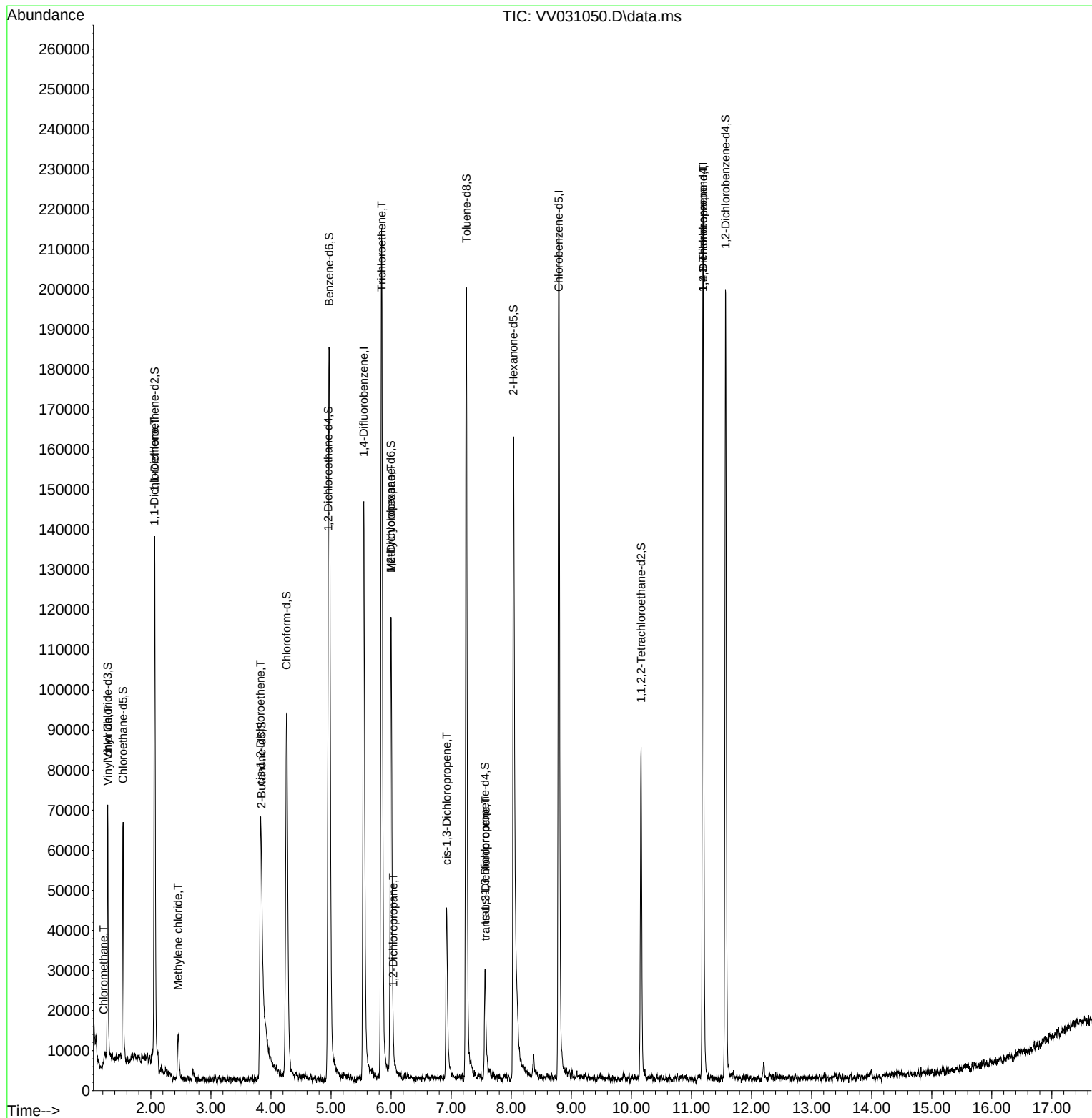
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	125907	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	123684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	61776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	38002	3.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.536	69	37154	4.391	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.063	65	21509	3.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.841	46	80659	43.848	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.700%
24) Chloroform-d	4.259	84	95359	4.626	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	4.953	65	51952	4.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	4.970	84	161984	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.998	67	48836	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.252	98	137234	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	7.564	79	15761	3.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.037	63	61558	44.462	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35472	4.642	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.571	152	53543	4.650	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	1219	0.104	ug/L	91
5) Vinyl chloride	1.285	62	4485	0.459	ug/L #	73
12) 1,1-Dichloroethene	2.060	96	1370	0.162	ug/L #	1
16) Methylene chloride	2.455	84	5114	0.534	ug/L	85
22) cis-1,2-Dichloroethene	3.825	96	23828	2.918	ug/L	98
34) Trichloroethene	5.841	95	69869	8.425	ug/L	98
35) Methylcyclohexane	5.998	83	13074	1.017	ug/L #	19
37) 1,2-Dichloropropane	6.037	63	437	0.059	ug/L #	85
39) cis-1,3-Dichloropropene	6.924	75	1799	0.163	ug/L	94
44) trans-1,3-Dichloropropene	7.571	75	1194	0.127	ug/L	95
61) 1,2,3-Trichloropropane	11.194	75	6193	1.596	ug/L #	58

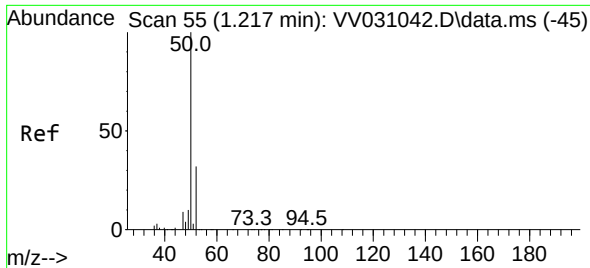
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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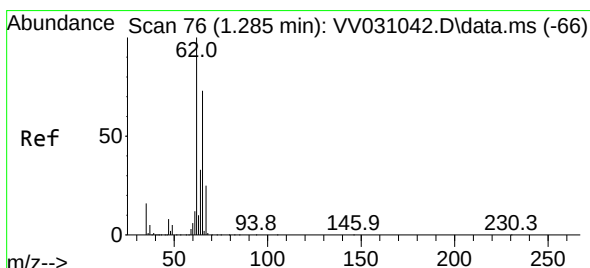
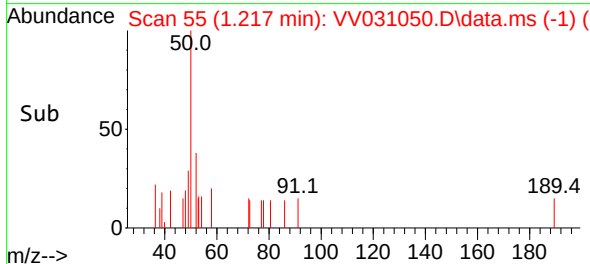
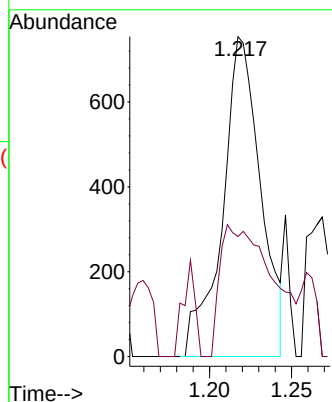
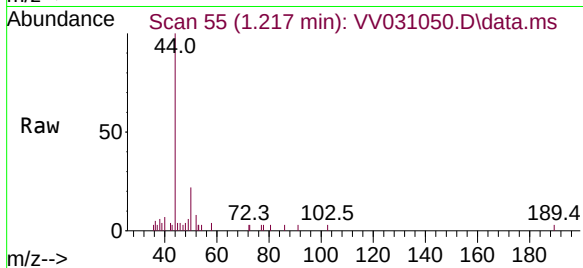




#3
Chloromethane
Concen: 0.104 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031050.D
Acq: 16 May 2023 14:05

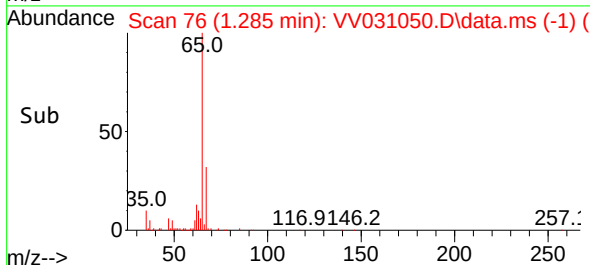
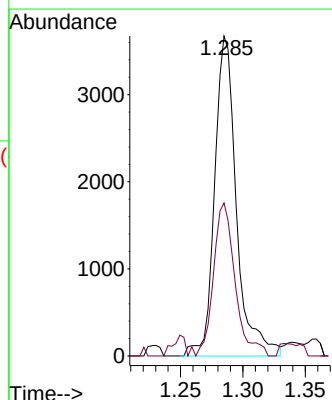
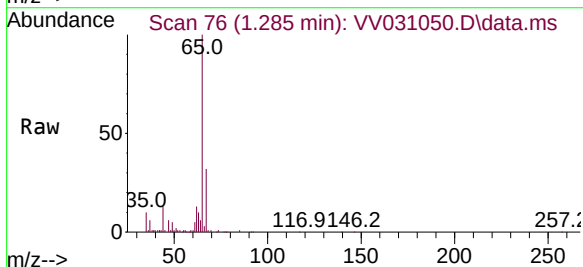
Instrument :
MSVOA_V
ClientSampleId :
CONY0DL

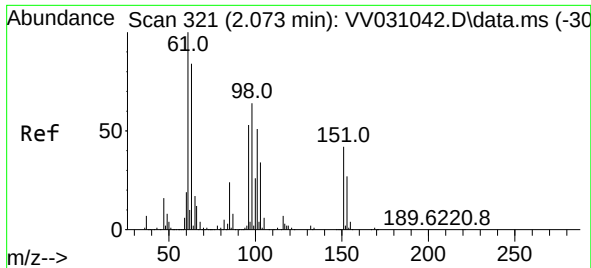
Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 37.5 22.8 42.4



#5
Vinyl chloride
Concen: 0.459 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.000 min
Lab File: VV031050.D
Acq: 16 May 2023 14:05

Tgt Ion: 62 Resp: 4485
Ion Ratio Lower Upper
62 100
64 47.8 22.8 42.4#





#12

1,1-Dichloroethene

Concen: 0.162 ug/L

RT: 2.060 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031050.D

Acq: 16 May 2023 14:05

Instrument :

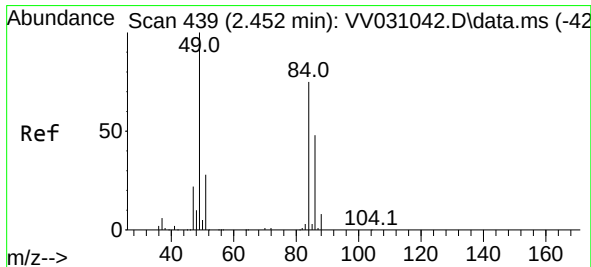
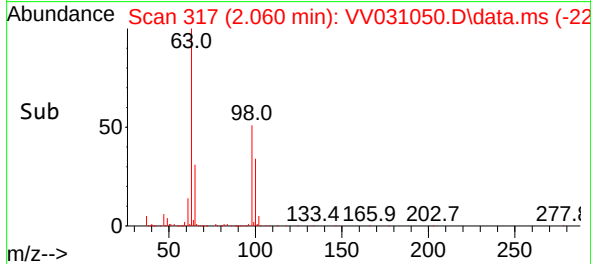
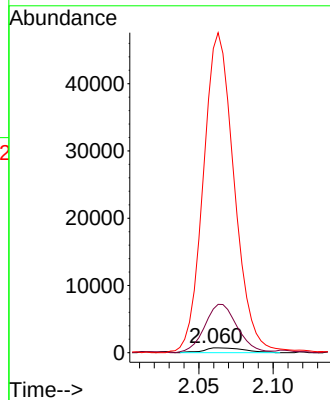
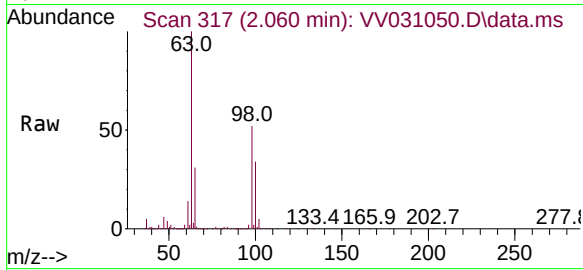
MSVOA_V

ClientSampleId :

CONY0DL

Tgt Ion: 96 Resp: 1370

Ion	Ratio	Lower	Upper
96	100		
61	896.0	135.6	251.8#
63	6240.0	121.1	224.9#



#16

Methylene chloride

Concen: 0.534 ug/L

RT: 2.455 min Scan# 440

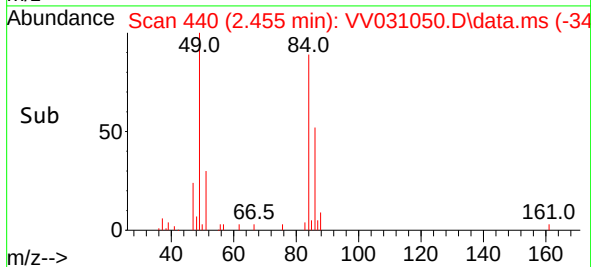
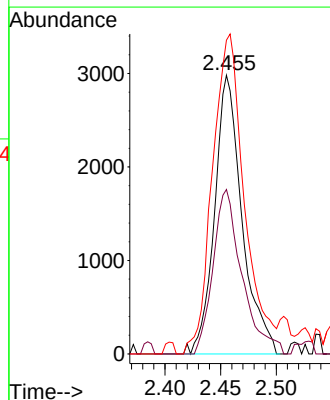
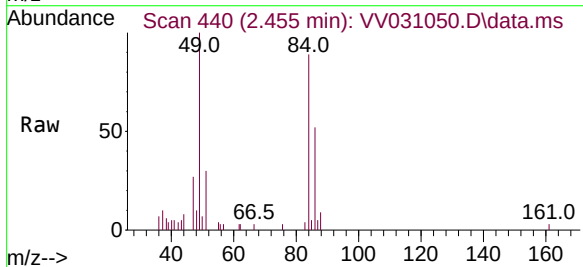
Delta R.T. 0.003 min

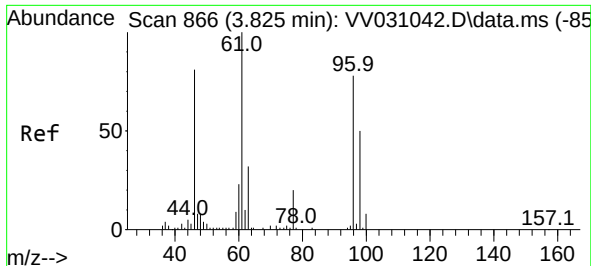
Lab File: VV031050.D

Acq: 16 May 2023 14:05

Tgt Ion: 84 Resp: 5114

Ion	Ratio	Lower	Upper
84	100		
86	59.0	46.1	85.5
49	112.6	94.3	175.1

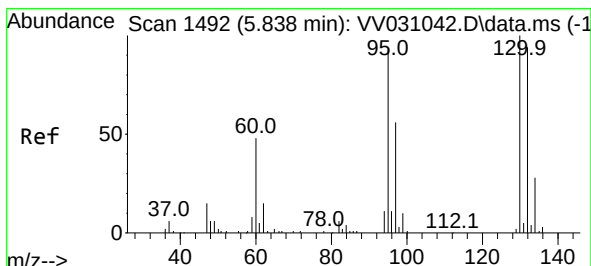
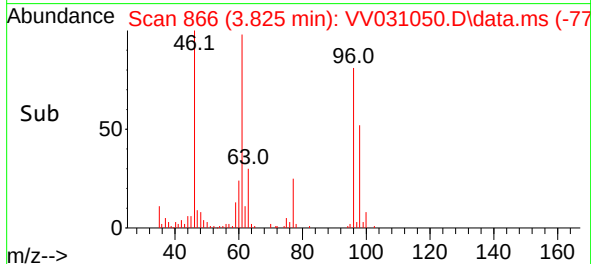
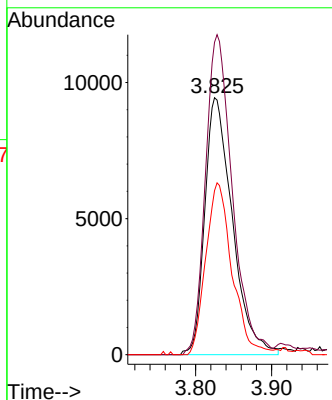
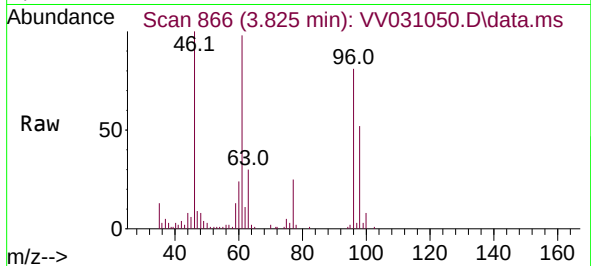




#22
 cis-1,2-Dichloroethene
 Concen: 2.918 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. -0.000 min
 Lab File: VV031050.D
 Acq: 16 May 2023 14:05

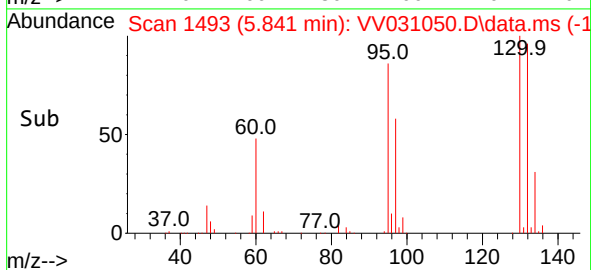
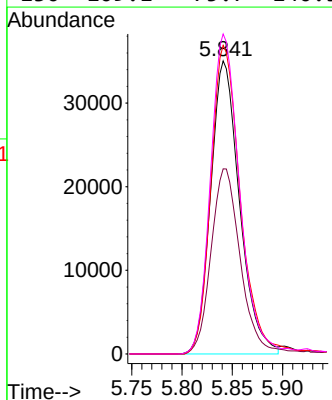
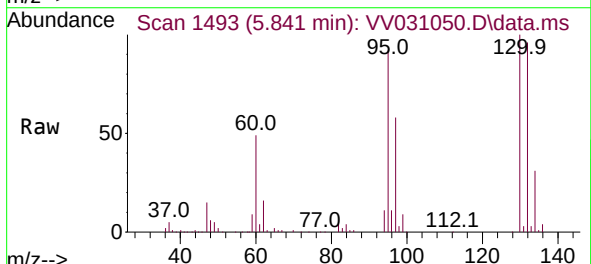
Instrument :
 MSVOA_V
 ClientSampleId :
 CONY0DL

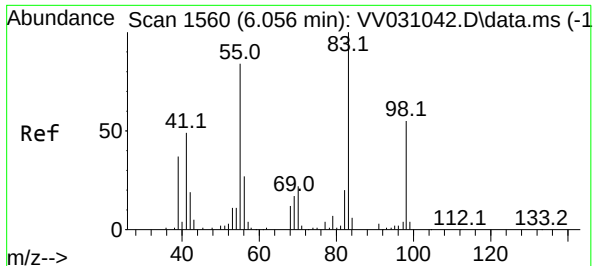
Tgt Ion: 96 Resp: 23828
 Ion Ratio Lower Upper
 96 100
 61 121.6 86.0 159.6
 98 63.8 43.2 80.2



#34
 Trichloroethene
 Concen: 8.425 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV031050.D
 Acq: 16 May 2023 14:05

Tgt Ion: 95 Resp: 69869
 Ion Ratio Lower Upper
 95 100
 97 63.1 46.2 85.8
 132 105.3 72.7 135.1
 130 109.1 75.7 140.5





#35

Methylcyclohexane

Concen: 1.017 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV031050.D

Acq: 16 May 2023 14:05

Instrument :

MSVOA_V

ClientSampleId :

CONY0DL

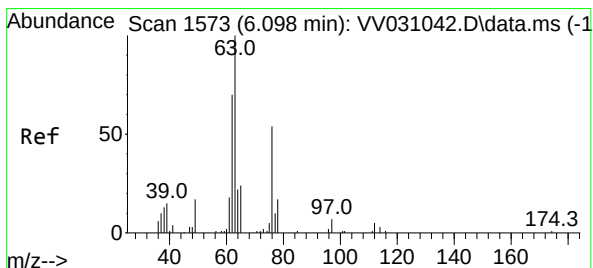
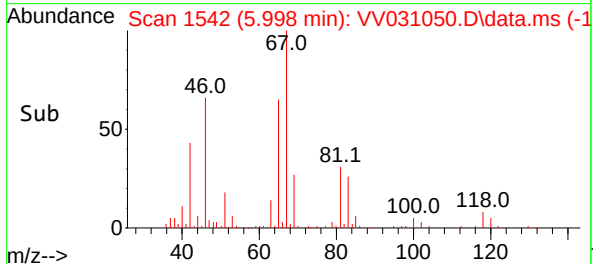
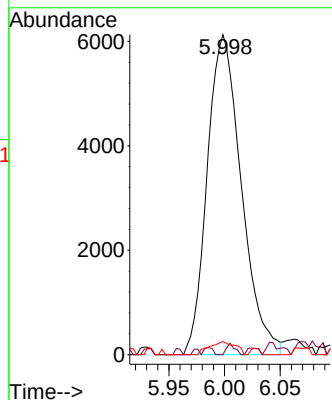
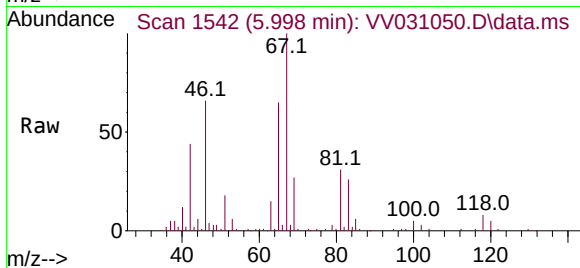
Tgt Ion: 83 Resp: 13074

Ion Ratio Lower Upper

83 100

55 0.8 62.9 94.3#

98 3.1 40.5 60.7#



#37

1,2-Dichloropropane

Concen: 0.059 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.061 min

Lab File: VV031050.D

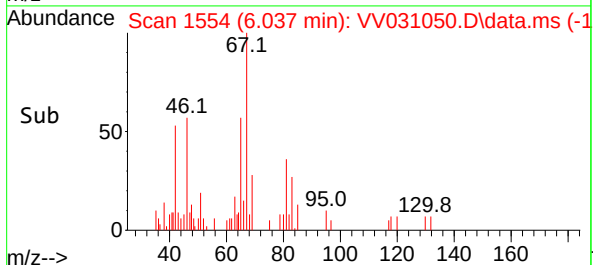
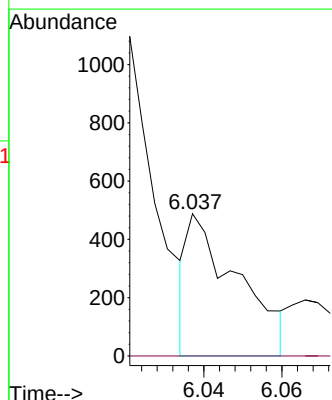
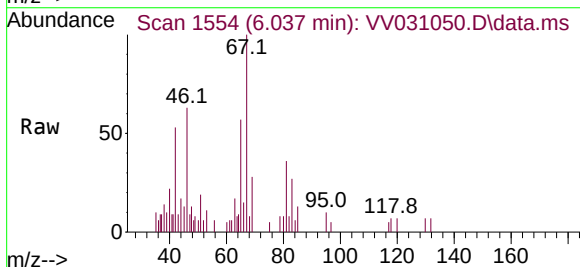
Acq: 16 May 2023 14:05

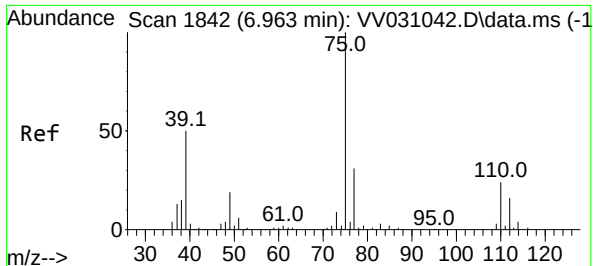
Tgt Ion: 63 Resp: 437

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.163 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV031050.D

Acq: 16 May 2023 14:05

Instrument :

MSVOA_V

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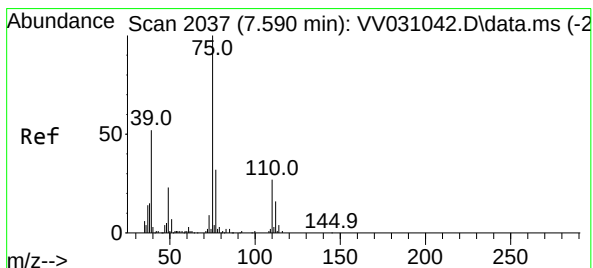
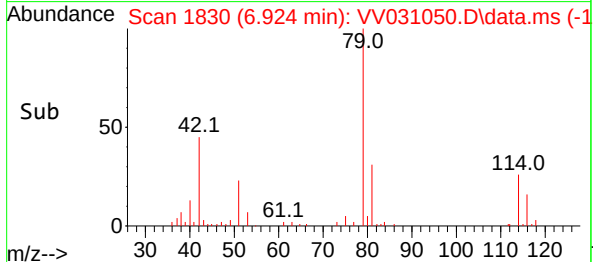
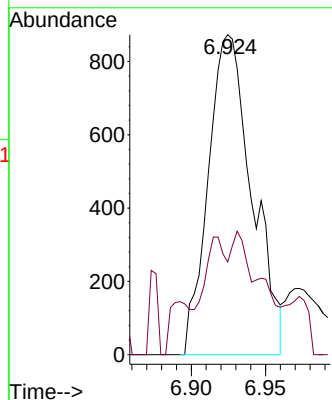
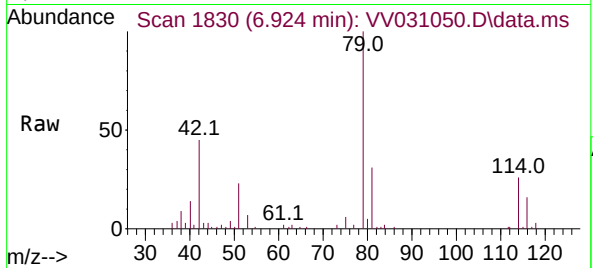
CONY0DL

Tgt Ion: 75 Resp: 1799

Ion Ratio Lower Upper

75 100

77 29.0 22.6 42.0



#44

trans-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.019 min

Lab File: VV031050.D

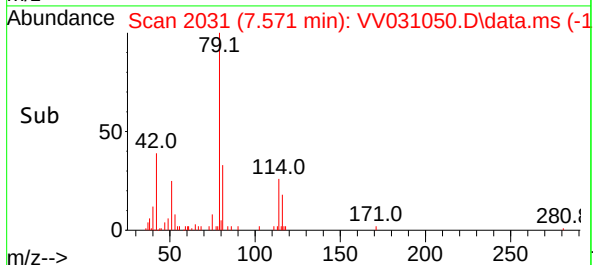
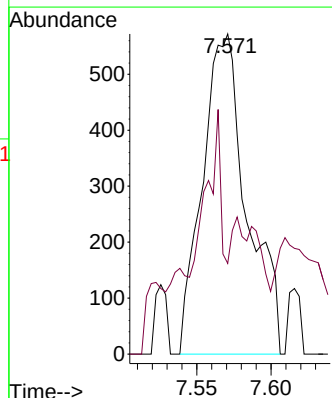
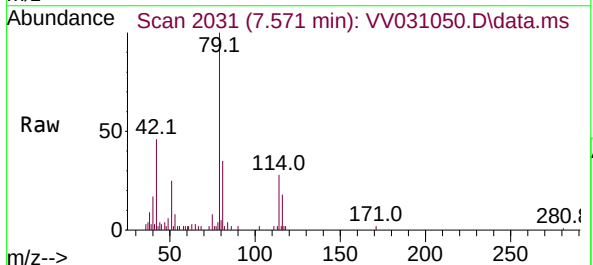
Acq: 16 May 2023 14:05

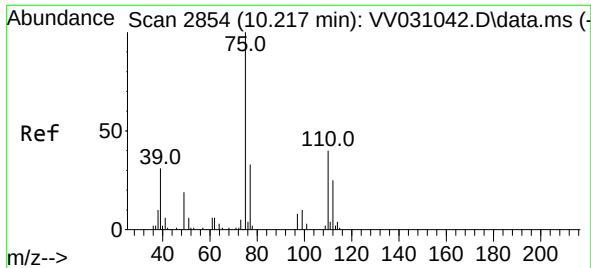
Tgt Ion: 75 Resp: 1194

Ion Ratio Lower Upper

75 100

77 28.3 21.6 40.0





#61

1,2,3-Trichloropropane

Concen: 1.596 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV031050.D

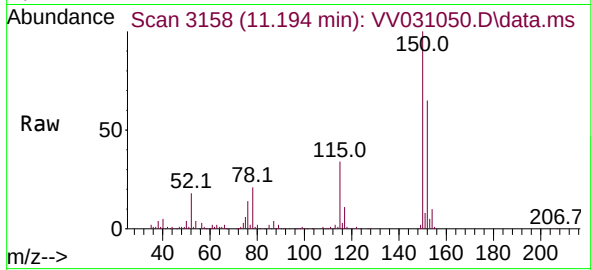
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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion: 75 Resp: 6193

Ion Ratio Lower Upper

75 100

77 41.3 25.3 37.9#

110 3.7 34.0 51.0#

