

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031046.D
 Acq On : 16 May 2023 12:28
 Operator : SY/MD
 Sample : 02790-07DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:42:45 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)

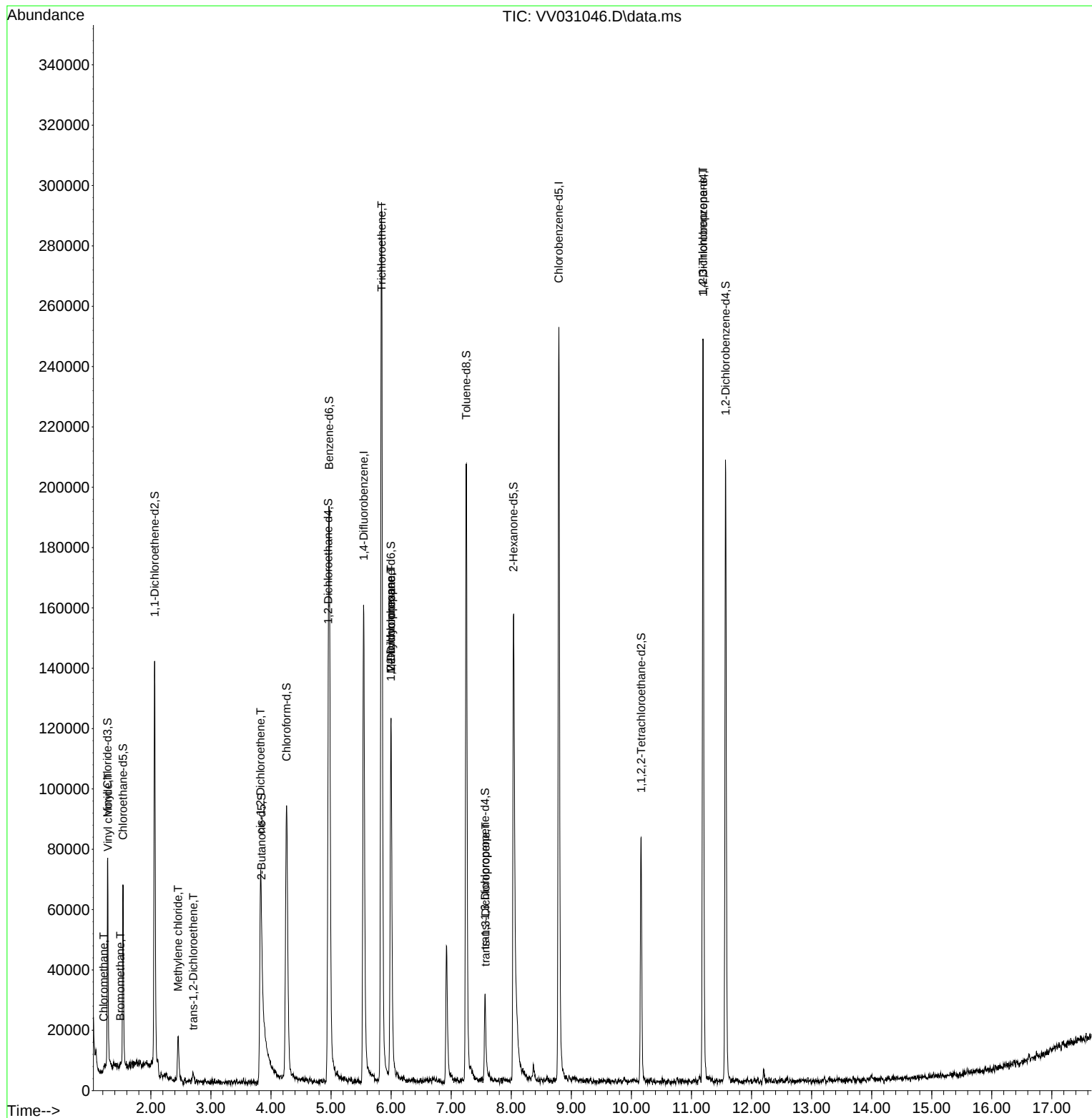
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	137511	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	136385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40875	3.608	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.536	69	38562	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.063	65	22927	3.824	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.844	46	86966	43.287	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.580%
24) Chloroform-d	4.259	84	98585	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.953	65	51516	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	4.970	84	168009	4.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	5.998	67	49258	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.249	98	139302	3.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.564	79	17103	3.925	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.400%
46) 2-Hexanone-d5	8.037	63	58856	38.551	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35563	4.221	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	54453	4.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.600%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1109	0.087	ug/L	95
5) Vinyl chloride	1.285	62	5022	0.471	ug/L	90
6) Bromomethane	1.491	94	516	0.102	ug/L	88
16) Methylene chloride	2.455	84	6423	0.614	ug/L	88
18) trans-1,2-Dichloroethene	2.706	96	957	0.113	ug/L	83
22) cis-1,2-Dichloroethene	3.825	96	28503	3.196	ug/L	98
34) Trichloroethene	5.841	95	98468	10.768	ug/L	99
35) Methylcyclohexane	5.998	83	12760	0.900	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	7235	0.889	ug/L #	87
44) trans-1,3-Dichloropropene	7.571	75	1299	0.125	ug/L #	63
61) 1,2,3-Trichloropropane	11.191	75	7757	1.766	ug/L #	60

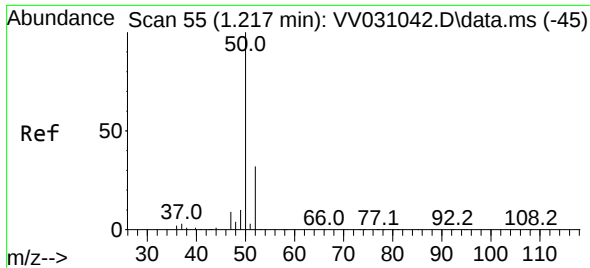
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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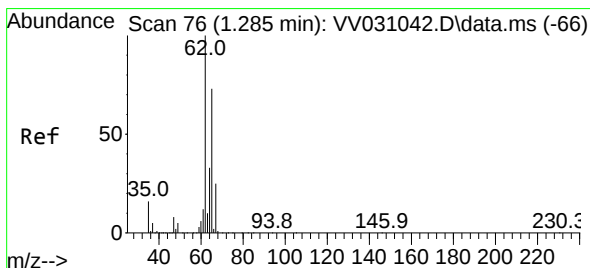
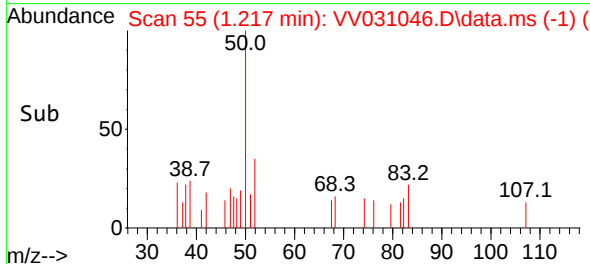
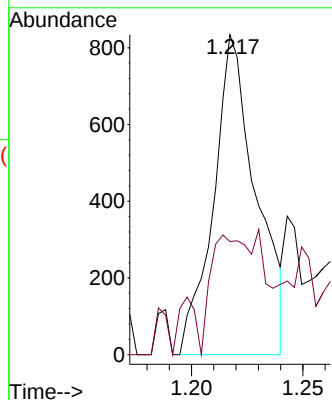
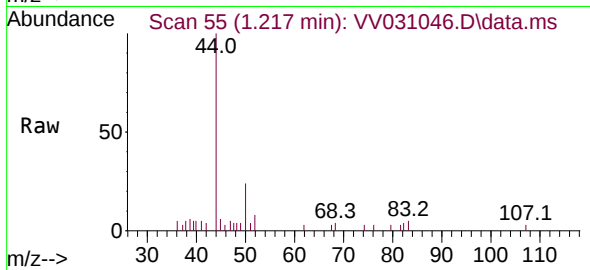




#3
Chloromethane
Concen: 0.087 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

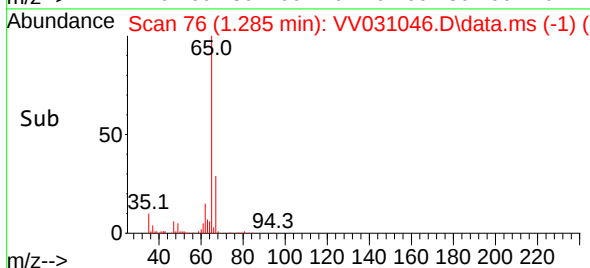
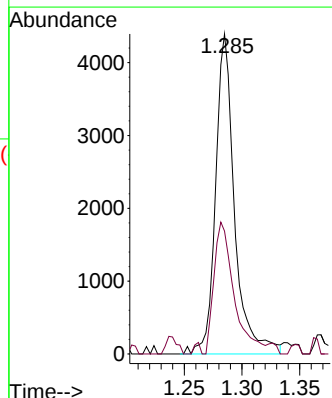
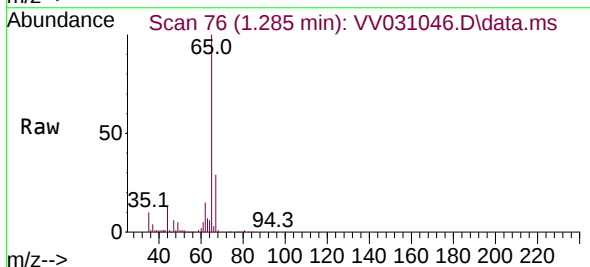
Instrument :
MSVOA_V
ClientSampleId :

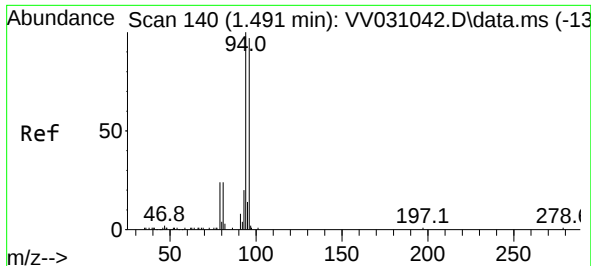
Tgt Ion: 50 Resp: 1109
Ion Ratio Lower Upper
50 100
52 35.4 22.8 42.4



#5
Vinyl chloride
Concen: 0.471 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

Tgt Ion: 62 Resp: 5022
Ion Ratio Lower Upper
62 100
64 38.4 22.8 42.4

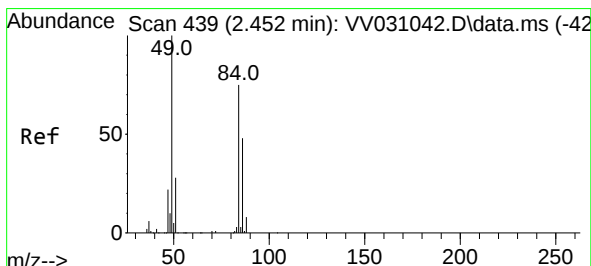
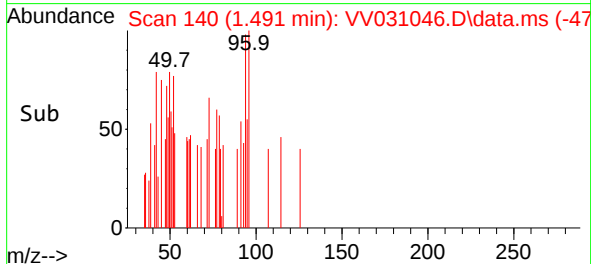
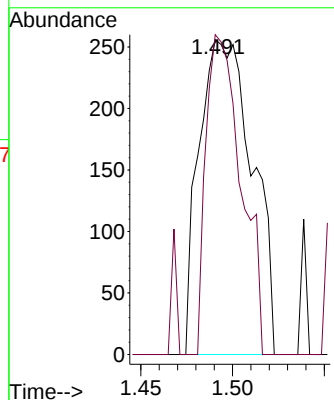
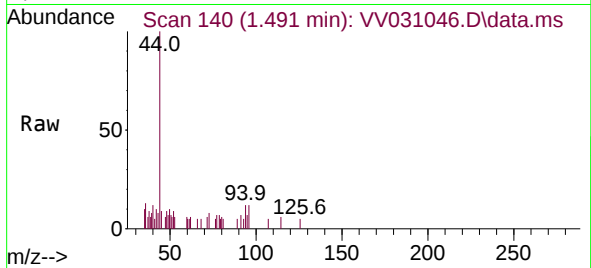




#6
Bromomethane
Concen: 0.102 ug/L
RT: 1.491 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

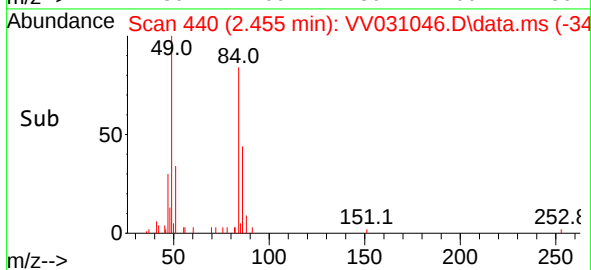
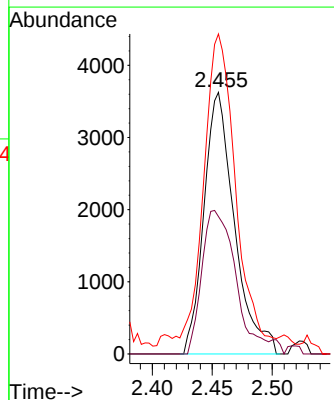
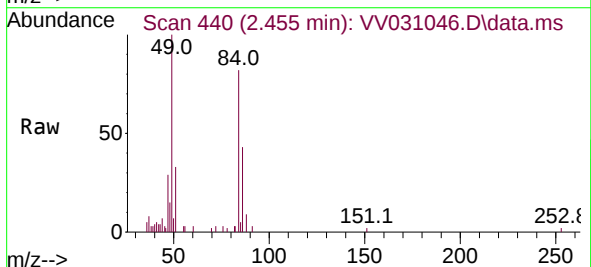
Instrument :
MSVOA_V
ClientSampleId :

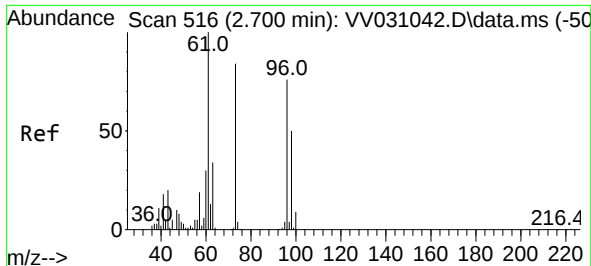
Tgt Ion: 94 Resp: 516
Ion Ratio Lower Upper
94 100
96 101.6 63.4 117.8



#16
Methylene chloride
Concen: 0.614 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

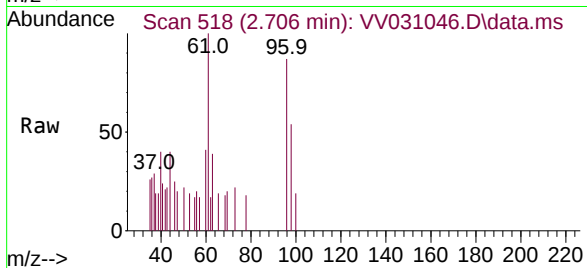
Tgt Ion: 84 Resp: 6423
Ion Ratio Lower Upper
84 100
86 52.6 46.1 85.5
49 122.3 94.3 175.1



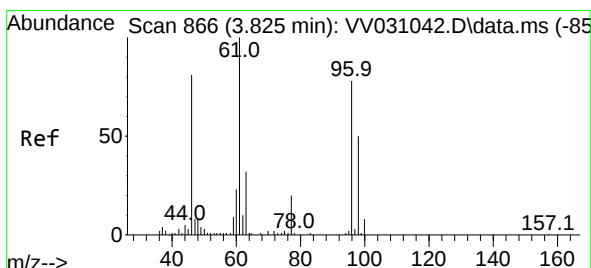
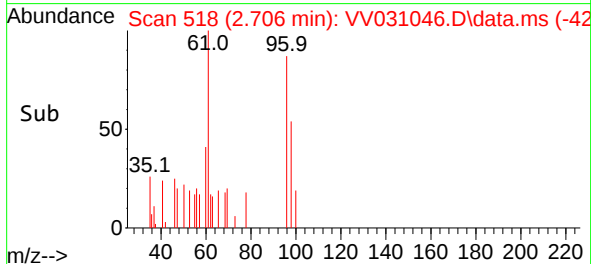
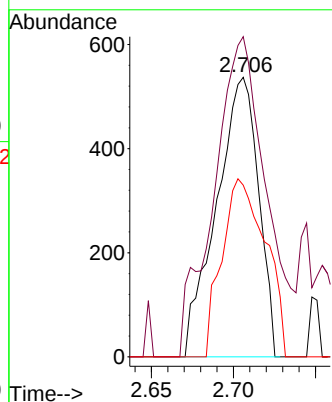


#18
trans-1,2-Dichloroethene
Concen: 0.113 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.006 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

Instrument :
MSVOA_V
ClientSampleId :

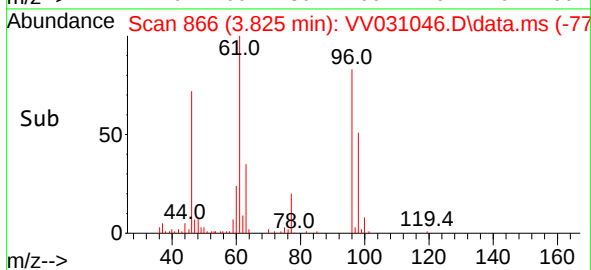
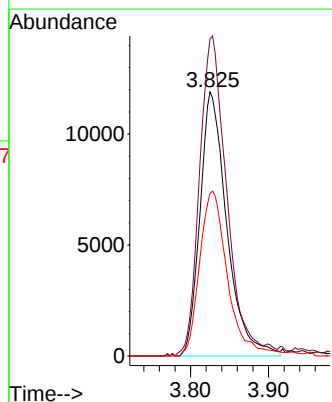
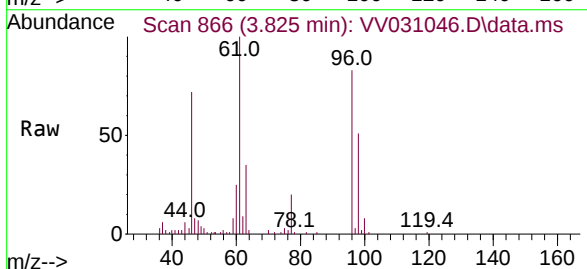


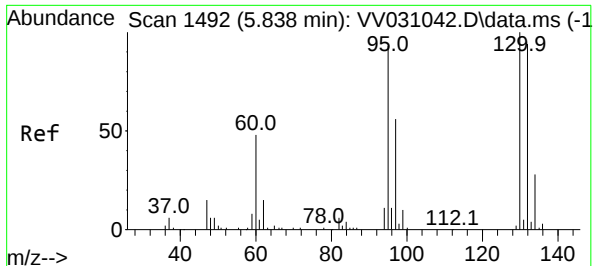
Tgt Ion: 96 Resp: 957
Ion Ratio Lower Upper
96 100
61 114.5 98.9 183.7
98 61.5 46.0 85.4



#22
cis-1,2-Dichloroethene
Concen: 3.196 ug/L
RT: 3.825 min Scan# 866
Delta R.T. -0.000 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

Tgt Ion: 96 Resp: 28503
Ion Ratio Lower Upper
96 100
61 120.0 86.0 159.6
98 61.4 43.2 80.2

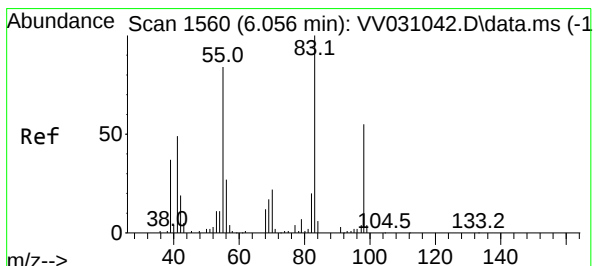
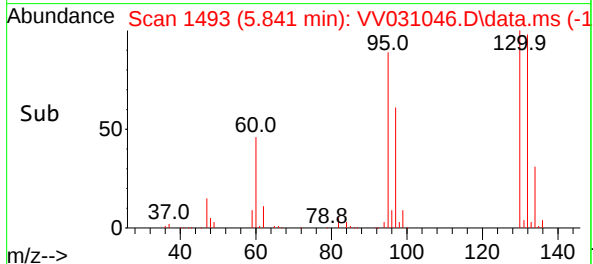
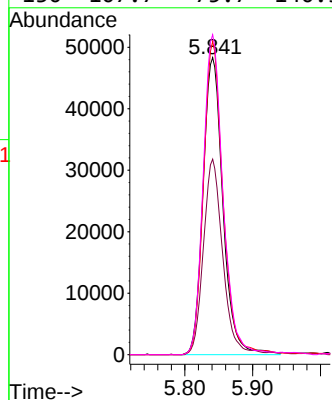
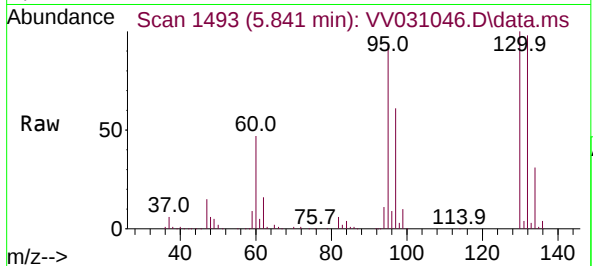




#34
Trichloroethene
Concen: 10.768 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

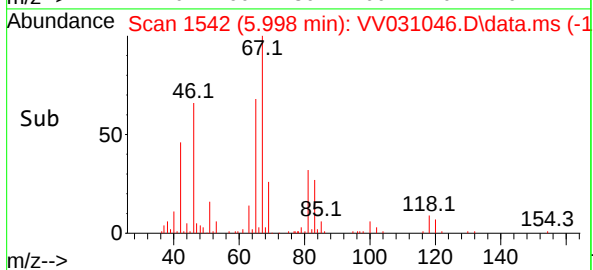
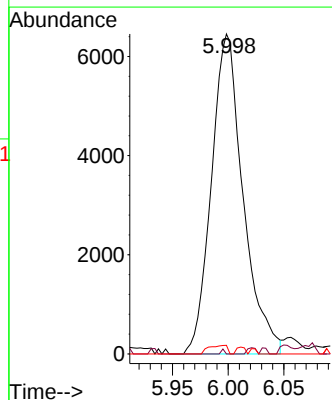
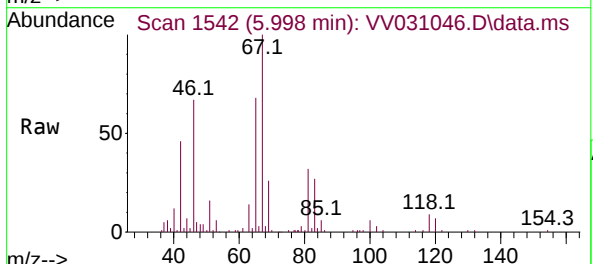
Instrument :
MSVOA_V
ClientSampleId :

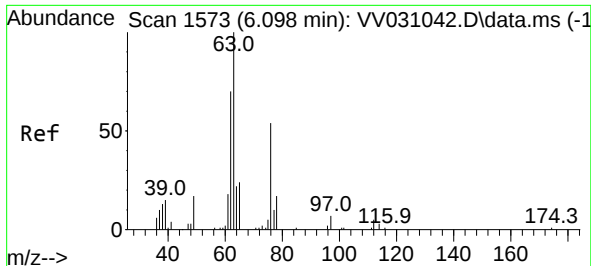
Tgt Ion:	95	Resp:	98468
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.2	85.8
132	105.4	72.7	135.1
130	107.7	75.7	140.5



#35
Methylcyclohexane
Concen: 0.900 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031046.D
Acq: 16 May 2023 12:28

Tgt Ion:	83	Resp:	12760
Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.9	94.3#
98	1.6	40.5	60.7#





#37

1,2-Dichloropropane

Concen: 0.889 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031046.D

Acq: 16 May 2023 12:28

Instrument :

MSVOA_V

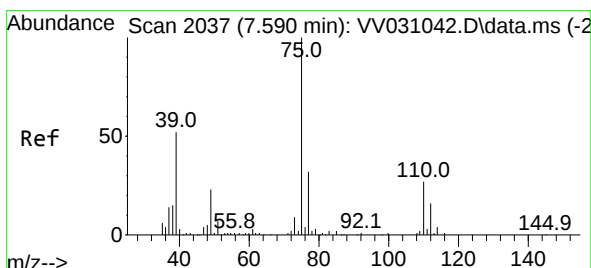
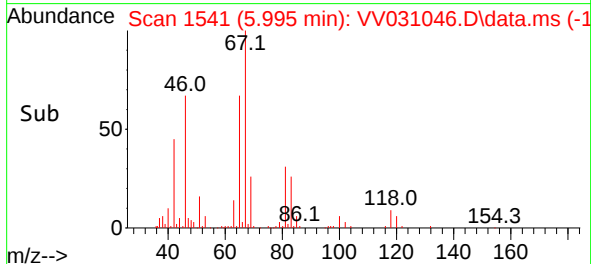
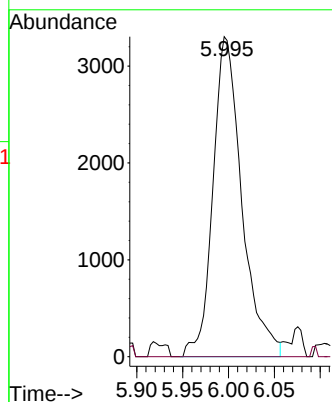
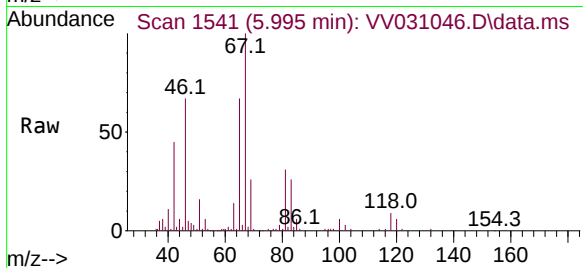
ClientSampleId :

Tgt Ion: 63 Resp: 7235

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.571 min Scan# 2031

Delta R.T. -0.019 min

Lab File: VV031046.D

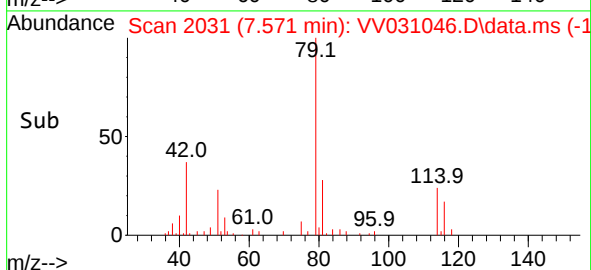
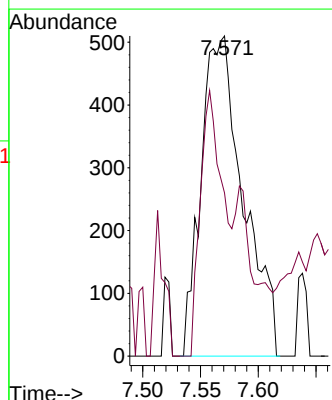
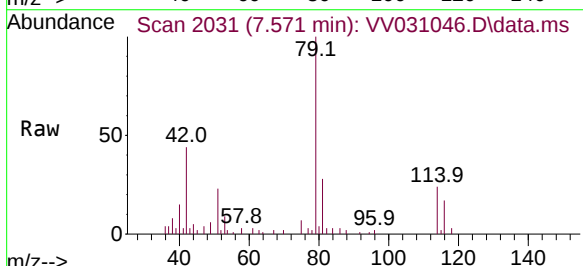
Acq: 16 May 2023 12:28

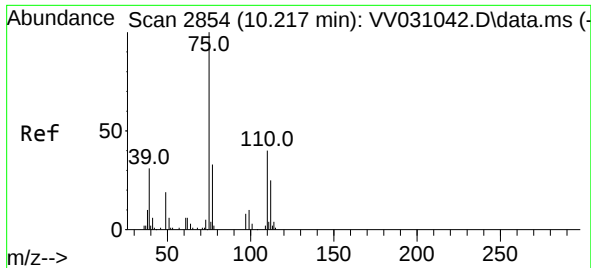
Tgt Ion: 75 Resp: 1299

Ion Ratio Lower Upper

75 100

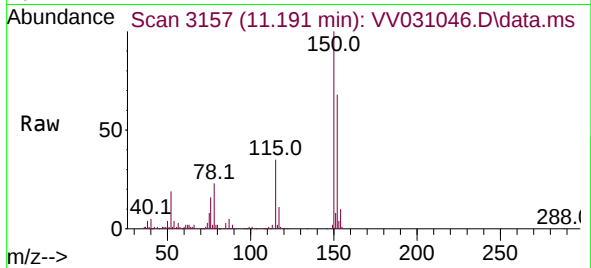
77 51.0 21.6 40.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.766 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV031046.D
 Acq: 16 May 2023 12:28

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 MSVOA_V
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Tgt Ion: 75 Resp: 7757
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.3 37.9
 110 0.5 34.0 51.0#

