

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031044.D
 Acq On : 16 May 2023 11:41
 Operator : SY/MD
 Sample : 02790-03DL 250X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:42:13 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)

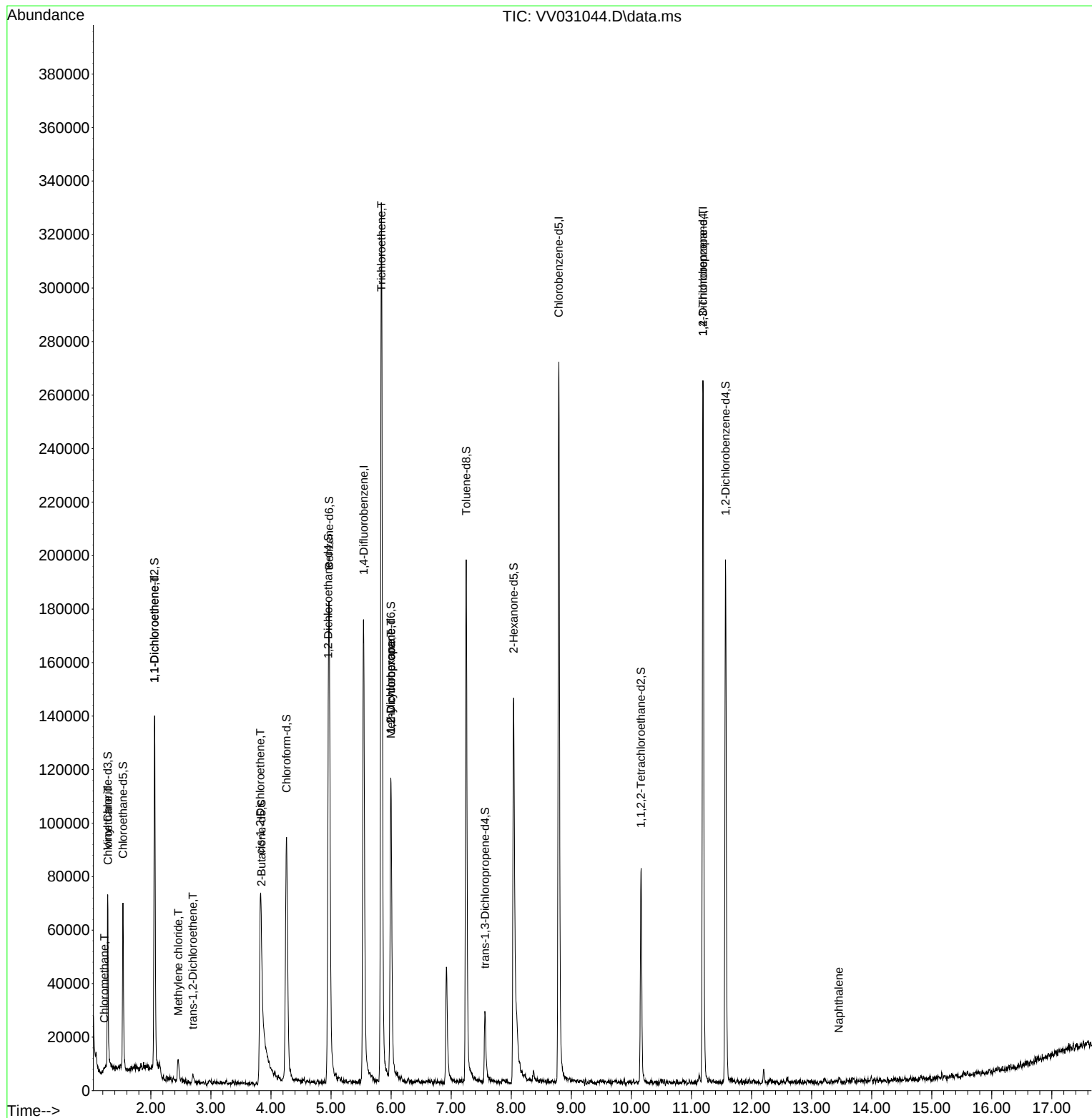
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	153860	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	148851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	73892	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	38803	3.061	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.200%
7) Chloroethane-d5	1.536	69	36878	3.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.060	65	22398	3.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.841	46	75512	33.592	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.180%
24) Chloroform-d	4.259	84	93121	3.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	4.953	65	50097	3.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
32) Benzene-d6	4.969	84	158018	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
36) 1,2-Dichloropropane-d6	5.995	67	48337	3.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.249	98	131481	3.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.200%#
43) trans-1,3-Dichloroprop...	7.564	79	15506	3.260	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.040	63	56253	33.760	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.520%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	34974	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	50952	3.699	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.000%#
Target Compounds						Qvalue
3) Chloromethane	1.227	50	1219	0.085	ug/L	88
8) Chloroethane	1.285	64	2495	0.343	ug/L	84
12) 1,1-Dichloroethene	2.060	96	1661	0.160	ug/L #	1
16) Methylene chloride	2.458	84	4105	0.350	ug/L	91
18) trans-1,2-Dichloroethene	2.699	96	1085	0.115	ug/L	86
22) cis-1,2-Dichloroethene	3.822	96	31958	3.202	ug/L	99
34) Trichloroethene	5.838	95	109015	10.923	ug/L	99
35) Methylcyclohexane	5.998	83	13453	0.870	ug/L #	18
37) 1,2-Dichloropropane	5.995	63	6534	0.736	ug/L #	87
61) 1,2,3-Trichloropropane	11.191	75	7939	1.710	ug/L #	58
71) Naphthalene	13.455	128	1106	0.062	ug/L #	85

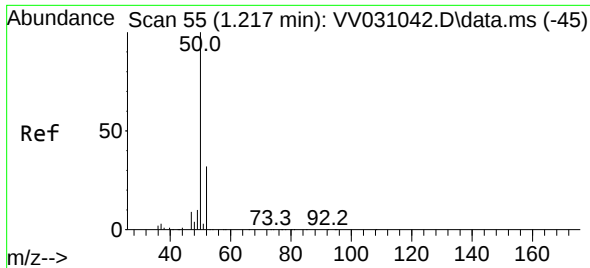
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 17 01:41:23 2023
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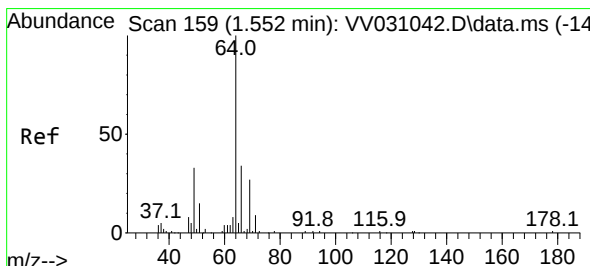
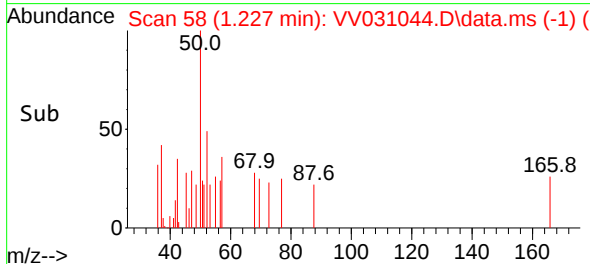
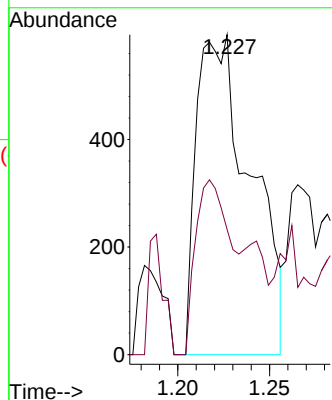
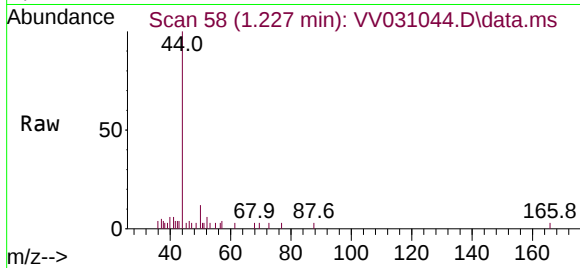




#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.227 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

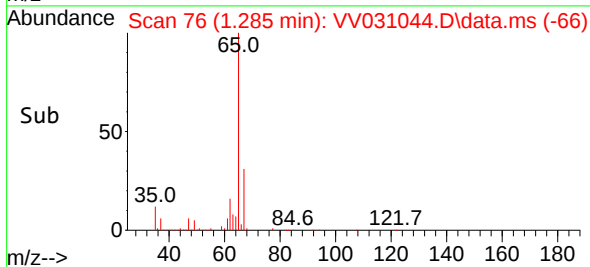
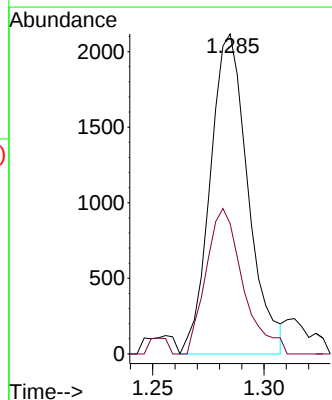
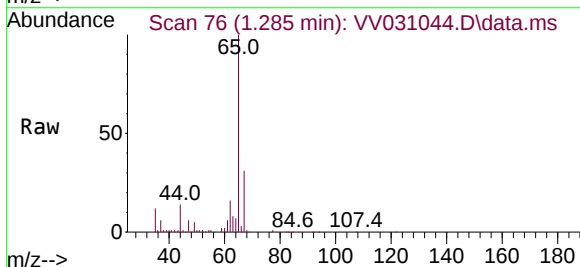
Instrument :
MSVOA_V
ClientSampleId :

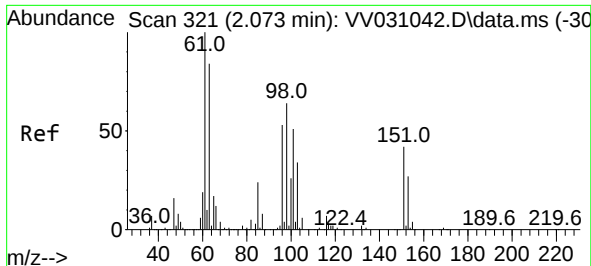
Tgt Ion: 50 Resp: 1219
Ion Ratio Lower Upper
50 100
52 39.2 22.8 42.4



#8
Chloroethane
Concen: 0.343 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.267 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

Tgt Ion: 64 Resp: 2495
Ion Ratio Lower Upper
64 100
66 40.7 22.1 41.1





#12

1,1-Dichloroethene

Concen: 0.160 ug/L

RT: 2.060 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV031044.D

Acq: 16 May 2023 11:41

Instrument :

MSVOA_V

ClientSampleId :

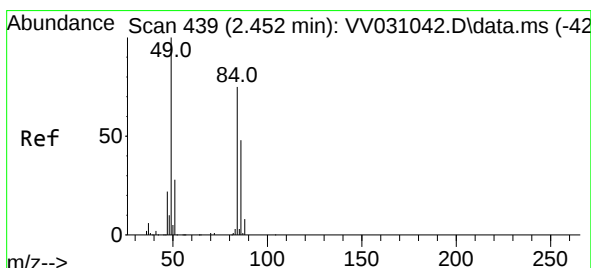
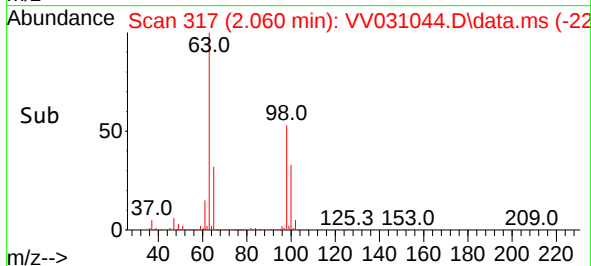
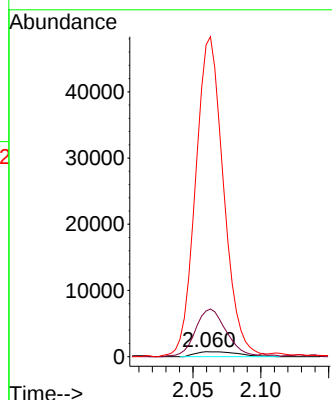
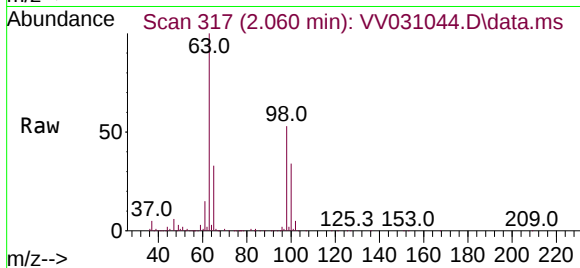
Tgt Ion: 96 Resp: 1661

Ion Ratio Lower Upper

96 100

61 934.9 135.6 251.8#

63 6365.4 121.1 224.9#



#16

Methylene chloride

Concen: 0.350 ug/L

RT: 2.458 min Scan# 441

Delta R.T. 0.006 min

Lab File: VV031044.D

Acq: 16 May 2023 11:41

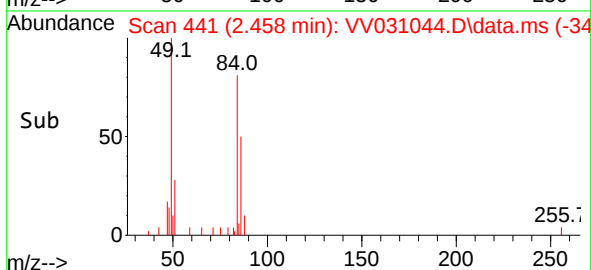
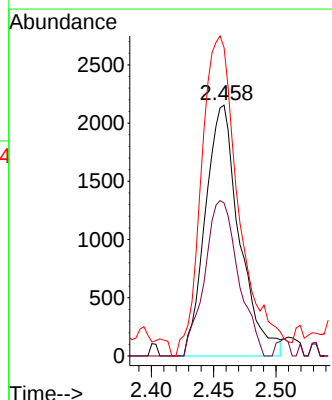
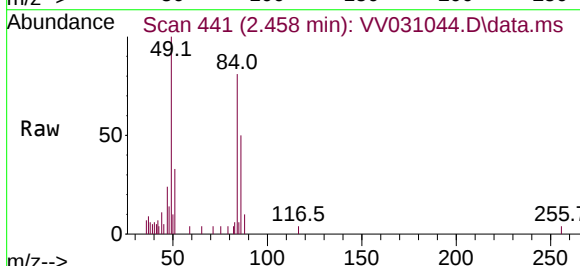
Tgt Ion: 84 Resp: 4105

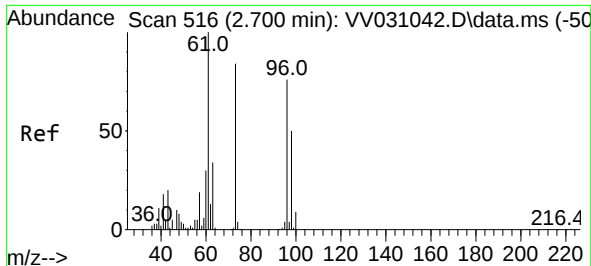
Ion Ratio Lower Upper

84 100

86 61.0 46.1 85.5

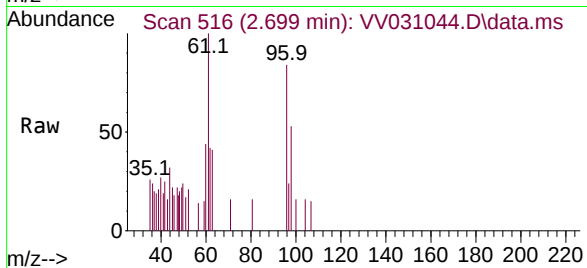
49 123.0 94.3 175.1





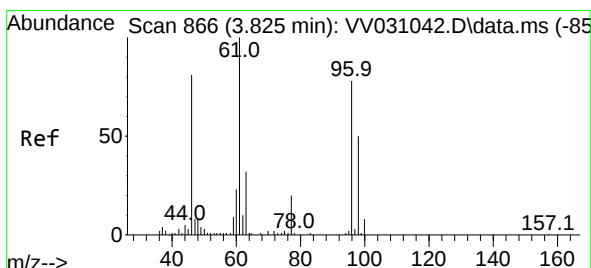
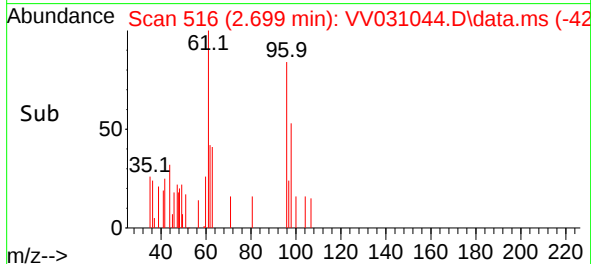
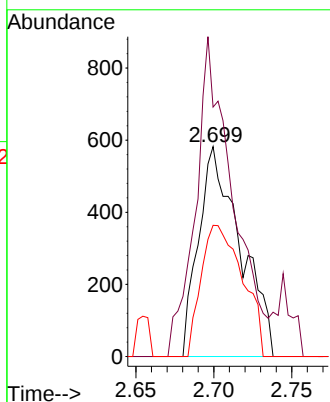
#18
trans-1,2-Dichloroethene
Concen: 0.115 ug/L
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1085

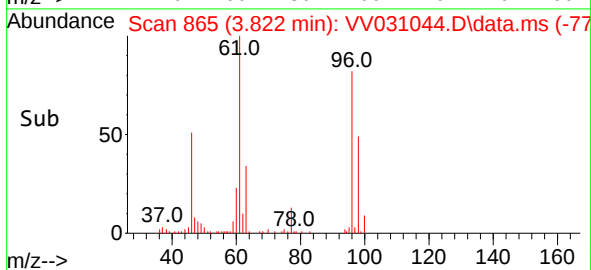
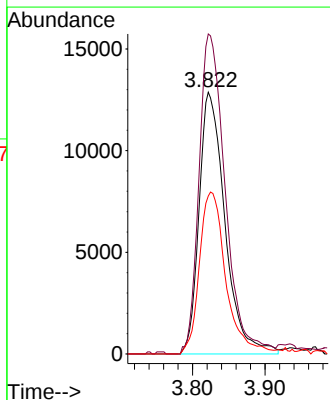
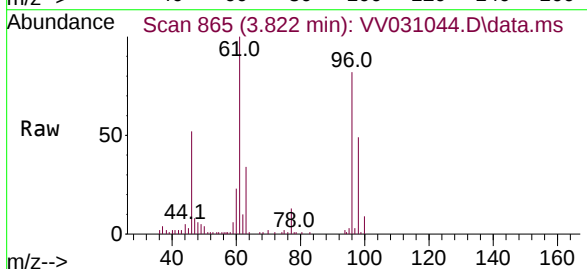
Ion	Ratio	Lower	Upper
96	100		
61	118.9	98.9	183.7
98	62.5	46.0	85.4

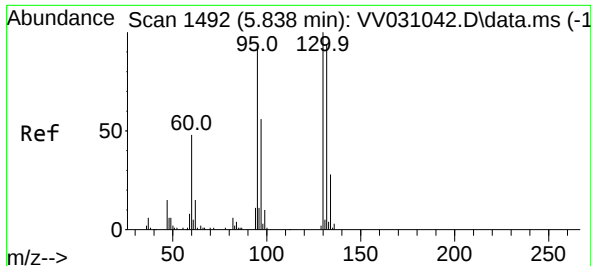


#22
cis-1,2-Dichloroethene
Concen: 3.202 ug/L
RT: 3.822 min Scan# 865
Delta R.T. -0.003 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

Tgt Ion: 96 Resp: 31958

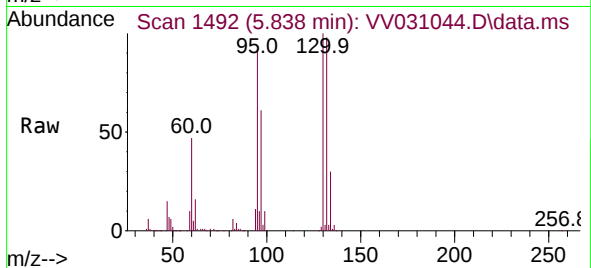
Ion	Ratio	Lower	Upper
96	100		
61	122.2	86.0	159.6
98	60.3	43.2	80.2



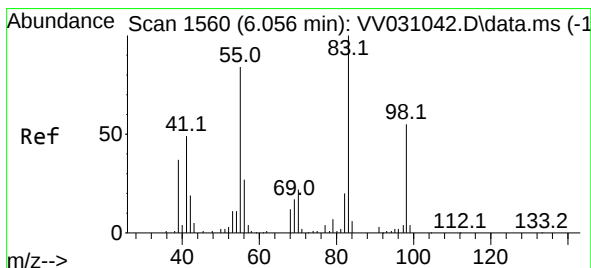
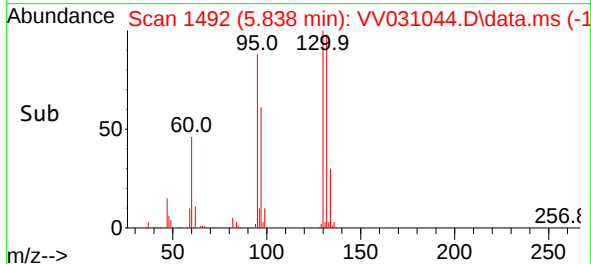
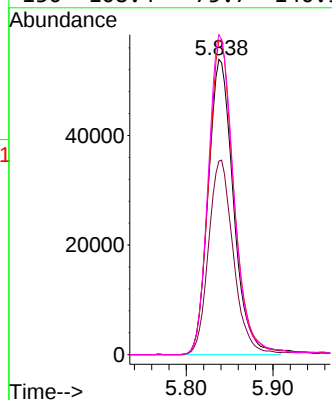


#34
Trichloroethene
Concen: 10.923 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

Instrument :
MSVOA_V
ClientSampleId :

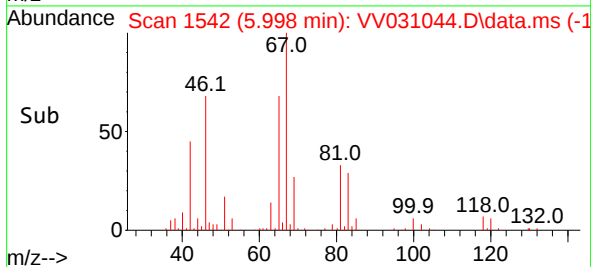
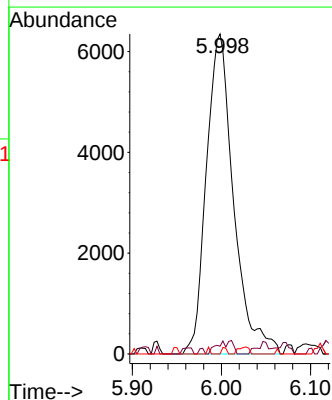
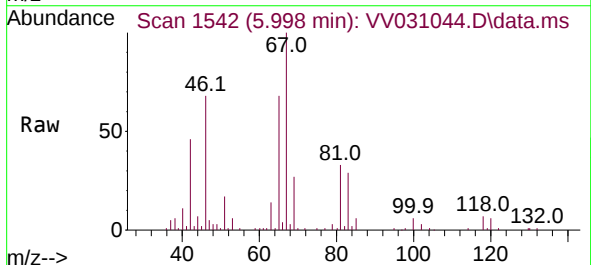


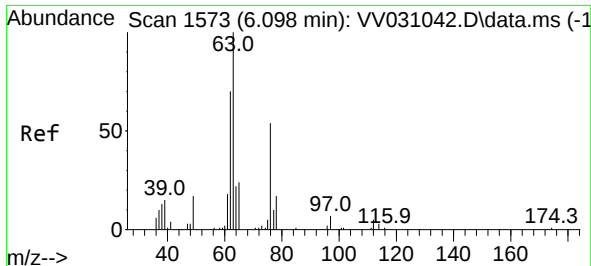
Tgt Ion: 95 Resp: 109015
Ion Ratio Lower Upper
95 100
97 65.6 46.2 85.8
132 106.5 72.7 135.1
130 108.4 75.7 140.5



#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV031044.D
Acq: 16 May 2023 11:41

Tgt Ion: 83 Resp: 13453
Ion Ratio Lower Upper
83 100
55 1.4 62.9 94.3#
98 0.0 40.5 60.7#





#37

1,2-Dichloropropane

Concen: 0.736 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV031044.D

Acq: 16 May 2023 11:41

Instrument :

MSVOA_V

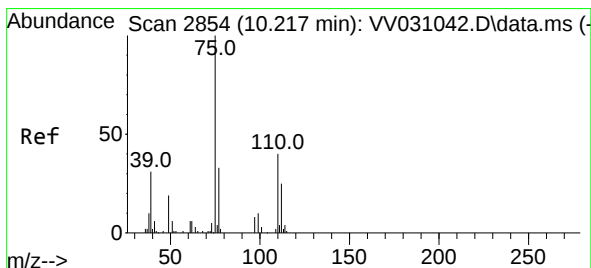
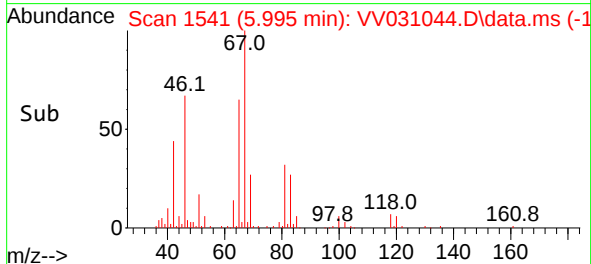
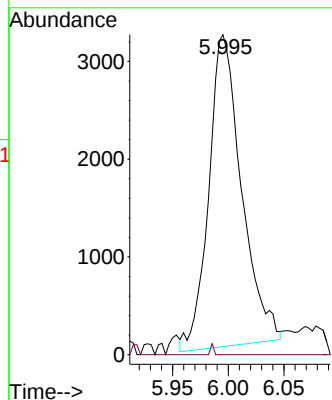
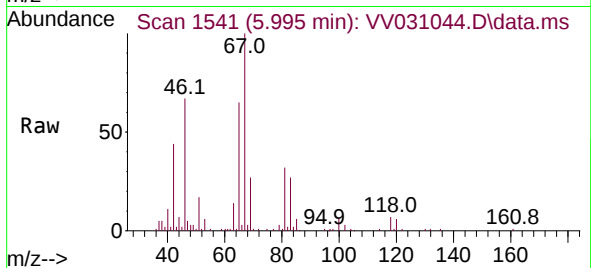
ClientSampleId :

Tgt Ion: 63 Resp: 6534

Ion Ratio Lower Upper

63 100

112 0.3 3.8 5.8#



#61

1,2,3-Trichloropropane

Concen: 1.710 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.974 min

Lab File: VV031044.D

Acq: 16 May 2023 11:41

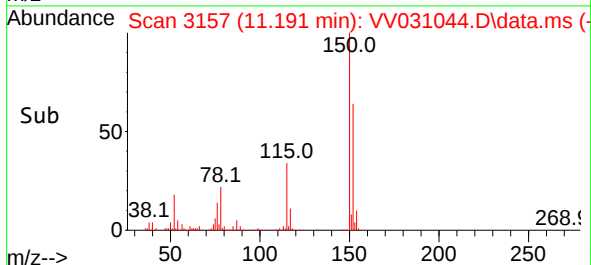
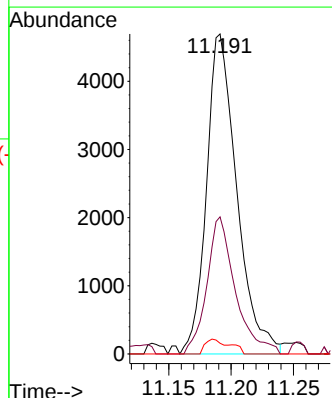
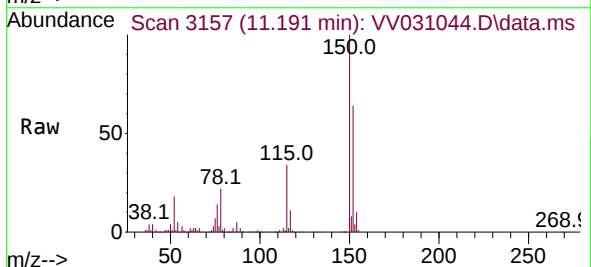
Tgt Ion: 75 Resp: 7939

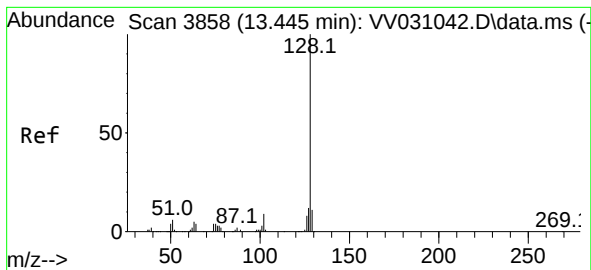
Ion Ratio Lower Upper

75 100

77 40.2 25.3 37.9#

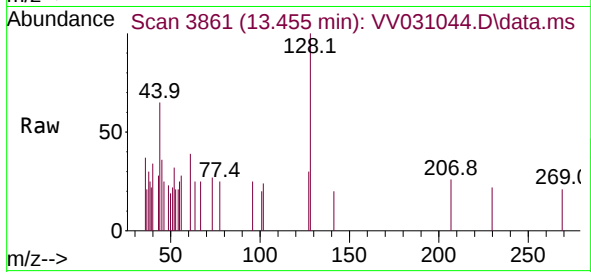
110 3.7 34.0 51.0#





#71
Naphthalene
Concen: 0.062 ug/L
RT: 13.455 min Scan# 3858
Delta R.T. 0.010 min
Lab File: VV031044.D
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Tgt Ion:128 Resp: 1106
Ion Ratio Lower Upper
128 100
129 16.9 8.6 13.0#
127 18.9 10.6 16.0#

