

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032023\
 Data File : VW030265.D
 Acq On : 20 Mar 2023 18:21
 Operator : SY/MD
 Sample : 01996-04DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0A25DL

Quant Time: Mar 21 02:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 17 22:49:08 2023
 Response via : Initial Calibration

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

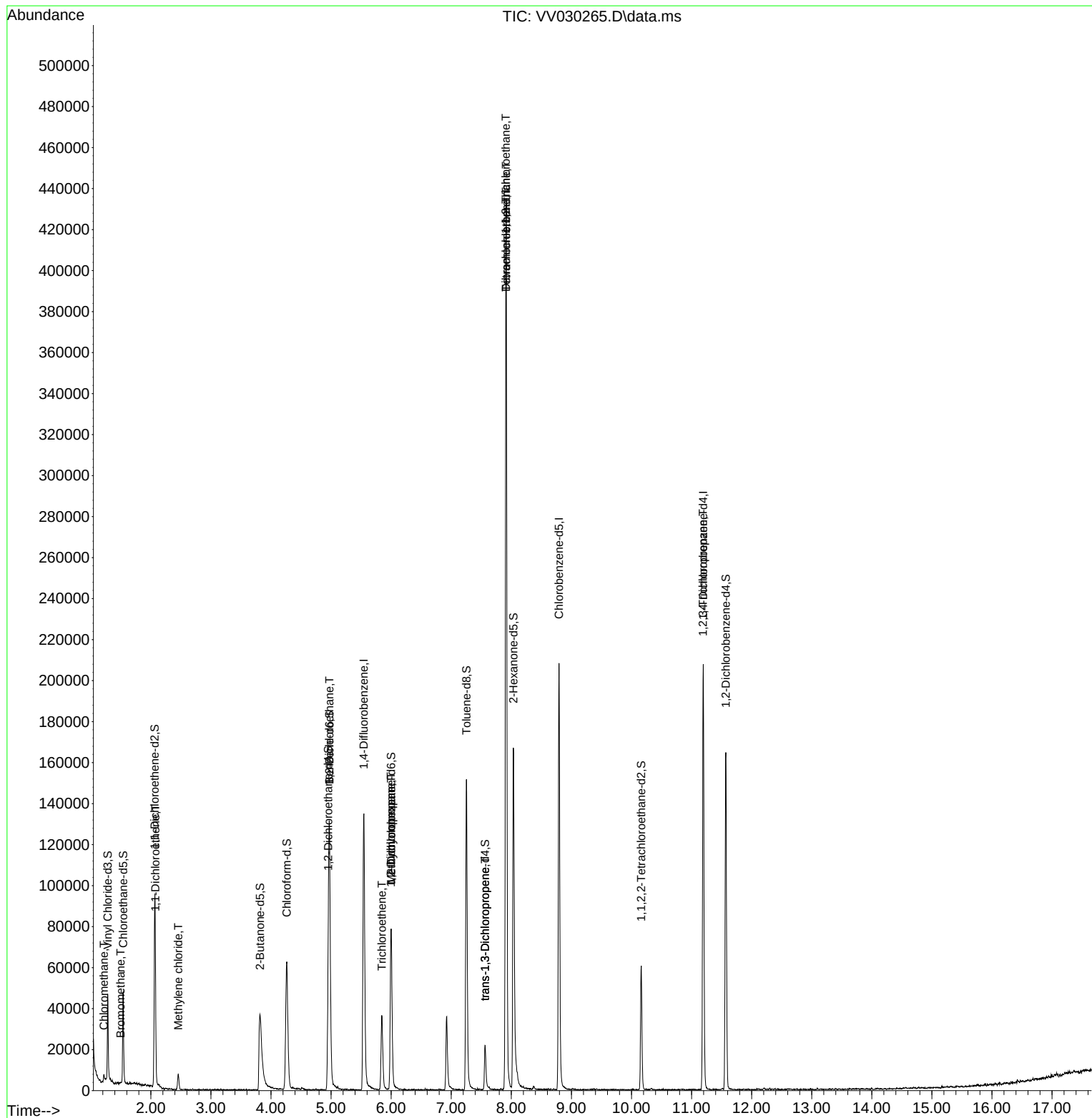
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	116428	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	112489	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	26530	3.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.539	69	27327	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.200%
11) 1,1-Dichloroethene-d2	2.066	63	48536	3.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	3.815	46	75942	54.676	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.360%
24) Chloroform-d	4.262	84	65759	4.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	32852	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	4.973	84	115303	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
36) 1,2-Dichloropropane-d6	5.998	67	34984	3.842	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.800%
41) Toluene-d8	7.252	98	101329	3.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.564	79	12735	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.034	63	58330	45.256	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.520%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	27305	4.215	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.571	152	41788	4.366	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2512	0.168	ug/L	96
6) Bromomethane	1.497	94	238	0.134	ug/L	82
12) 1,1-Dichloroethene	2.076	96	4743	0.607	ug/L #	1
16) Methylene chloride	2.458	84	2796	0.293	ug/L	85
27) 1,2-Dichloroethane	4.973	62	778	0.103	ug/L #	71
34) Trichloroethene	5.844	95	12603	1.464	ug/L	98
35) Methylcyclohexane	5.998	83	9819	0.754	ug/L #	20
37) 1,2-Dichloropropane	5.995	63	4517	0.578	ug/L #	86
44) trans-1,3-Dichloropropene	7.564	75	697	0.078	ug/L #	59
45) 1,1,2-Trichloroethane	7.908	97	923	0.165	ug/L #	30
47) Tetrachloroethene	7.912	164	95458	12.919	ug/L	99
49) Dibromochloromethane	7.912	129	82936	12.673	ug/L #	10
61) 1,2,3-Trichloropropane	11.191	75	5994	1.583	ug/L #	66

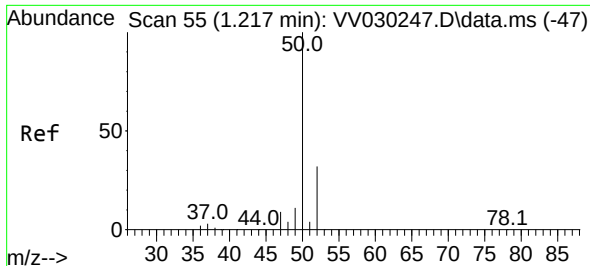
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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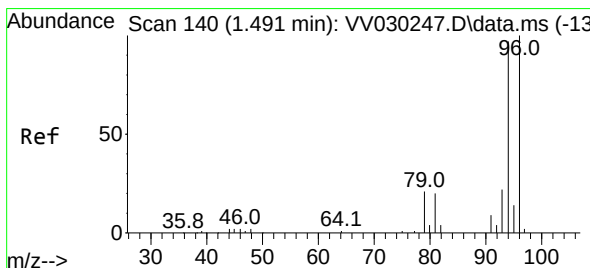
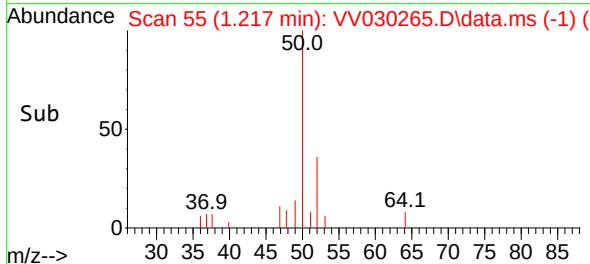
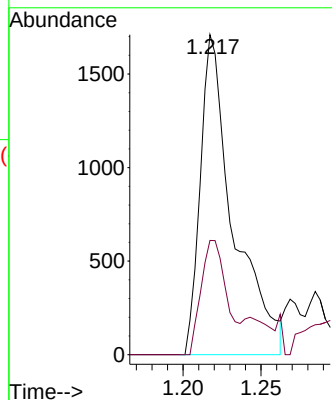
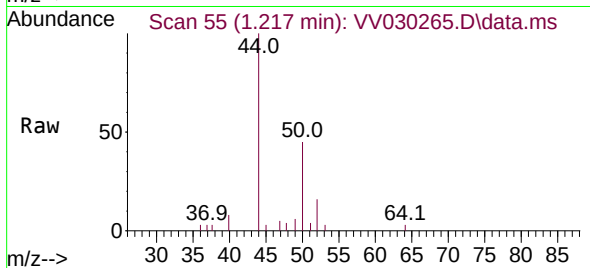




#3
Chloromethane
Concen: 0.168 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

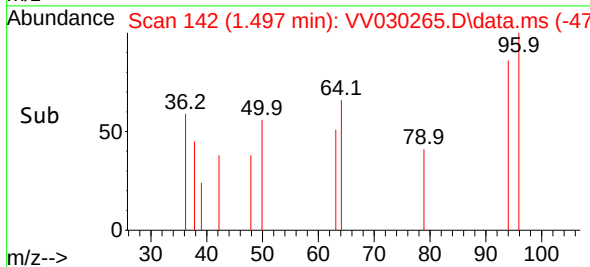
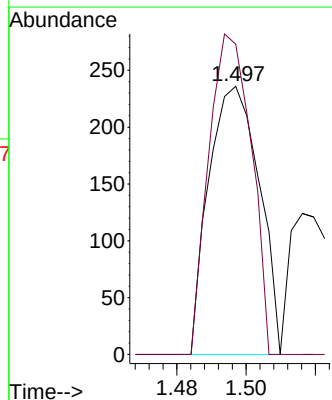
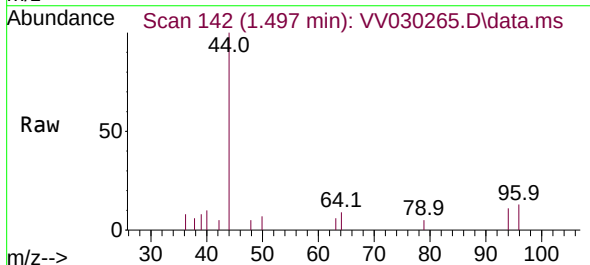
Instrument :
MSVOA_V
ClientSampleId :
H0A25DL

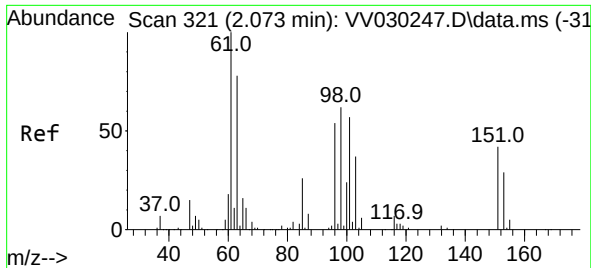
Tgt Ion: 50 Resp: 2512
Ion Ratio Lower Upper
50 100
52 35.7 23.6 43.8



#6
Bromomethane
Concen: 0.134 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 115.7 68.4 127.0

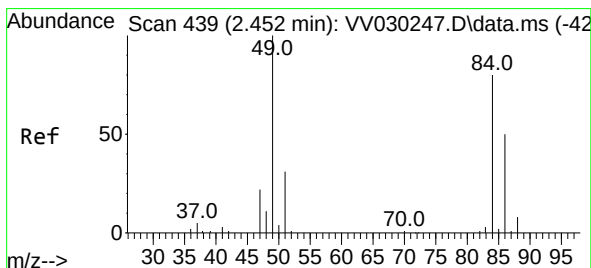
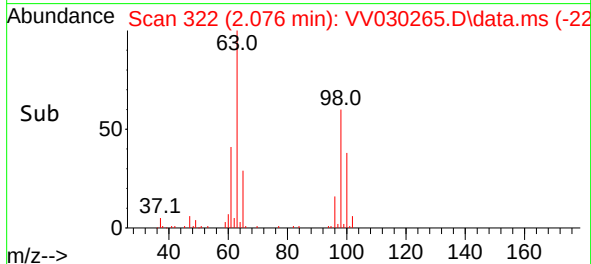
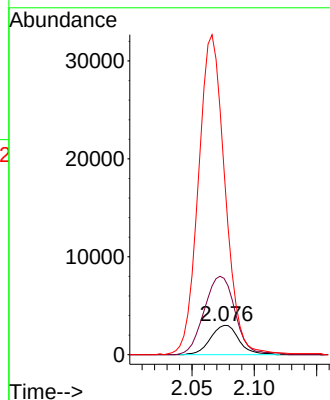
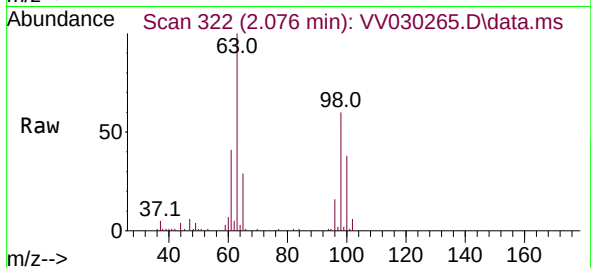




#12
1,1-Dichloroethene
Concen: 0.607 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

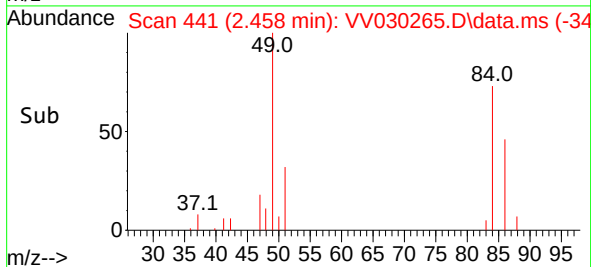
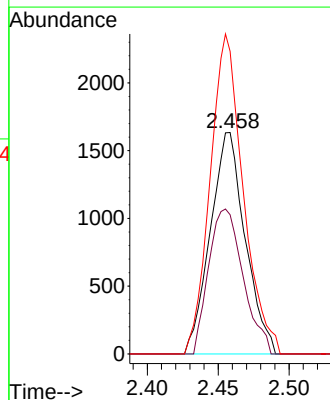
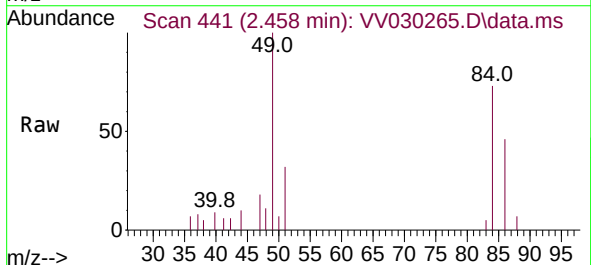
Instrument :
MSVOA_V
ClientSampleId :
H0A25DL

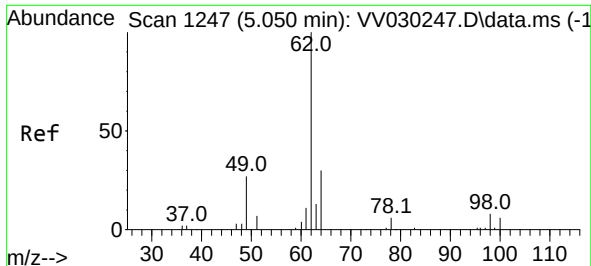
Tgt Ion: 96 Resp: 4743
Ion Ratio Lower Upper
96 100
61 261.1 115.6 214.6#
63 631.6 85.6 159.0#



#16
Methylene chloride
Concen: 0.293 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

Tgt Ion: 84 Resp: 2796
Ion Ratio Lower Upper
84 100
86 62.9 44.7 83.1
49 136.6 78.8 146.3





#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 4.973 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV030265.D

Acq: 20 Mar 2023 18:21

Instrument :

MSVOA_V

ClientSampleId :

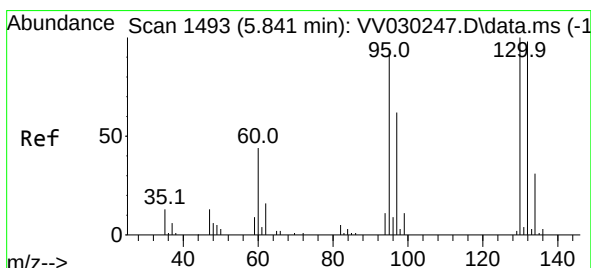
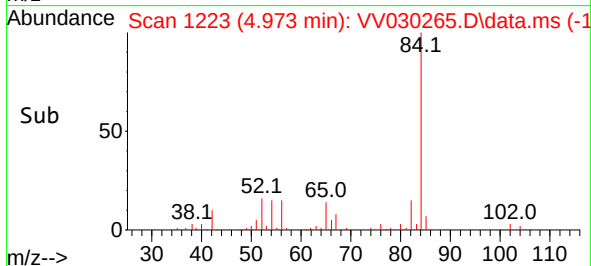
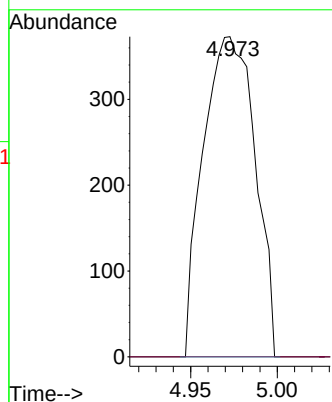
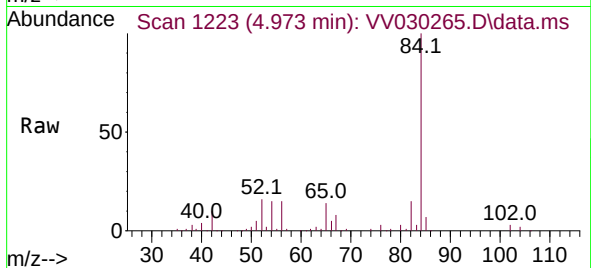
H0A25DL

Tgt Ion: 62 Resp: 778

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#34

Trichloroethene

Concen: 1.464 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030265.D

Acq: 20 Mar 2023 18:21

Tgt Ion: 95 Resp: 12603

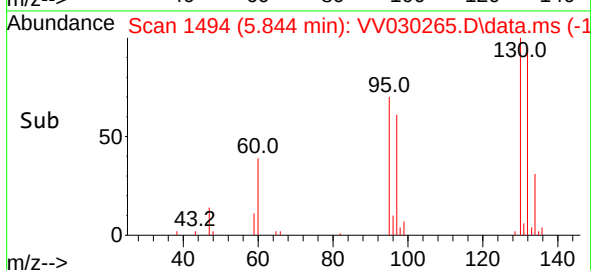
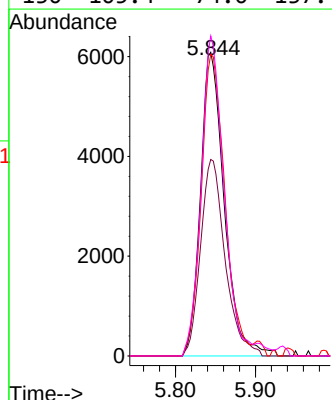
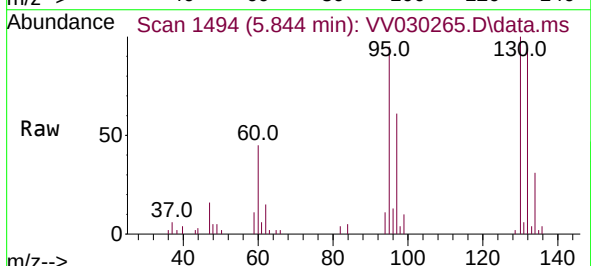
Ion Ratio Lower Upper

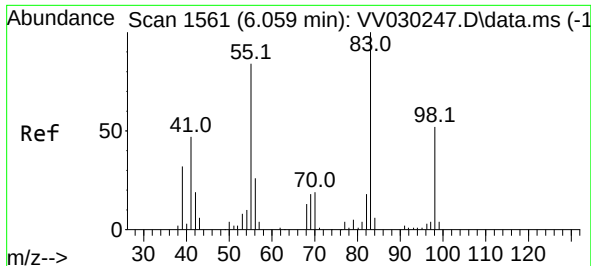
95 100

97 64.7 46.5 86.5

132 99.3 71.7 133.3

130 105.4 74.0 137.4





#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 5.998 min Scan# 1542

Delta R.T. -0.058 min

Lab File: VV030265.D

Acq: 20 Mar 2023 18:21

Instrument :

MSVOA_V

ClientSampleId :

H0A25DL

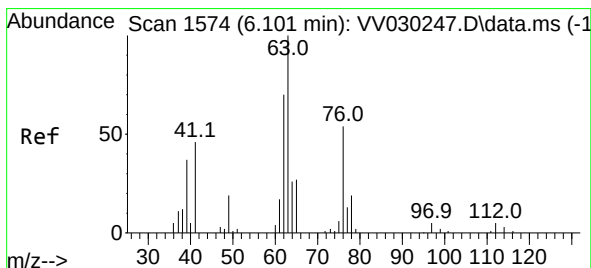
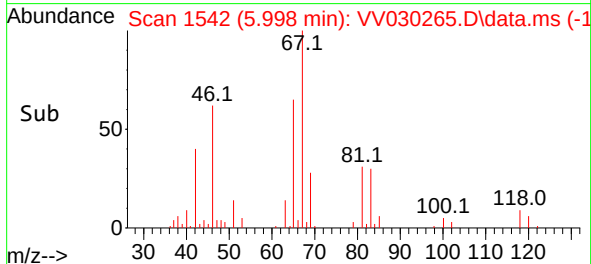
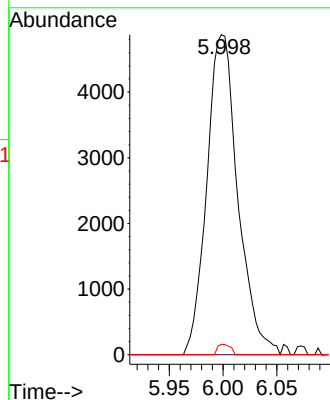
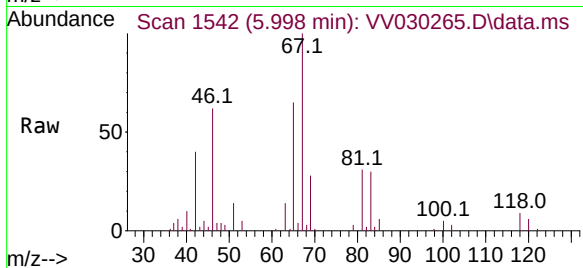
Tgt Ion: 83 Resp: 9819

Ion Ratio Lower Upper

83 100

55 0.0 57.6 86.4#

98 1.3 38.8 58.2#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.106 min

Lab File: VV030265.D

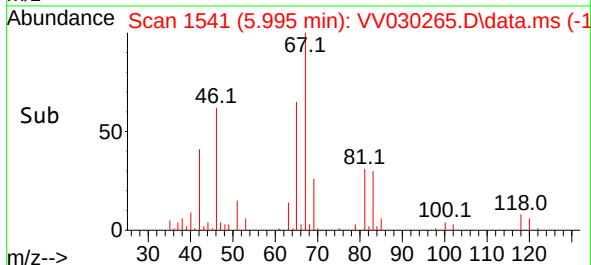
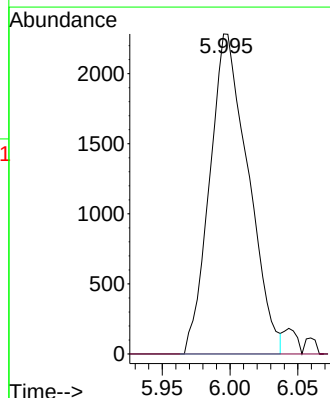
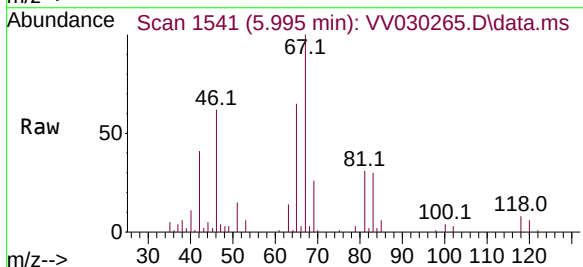
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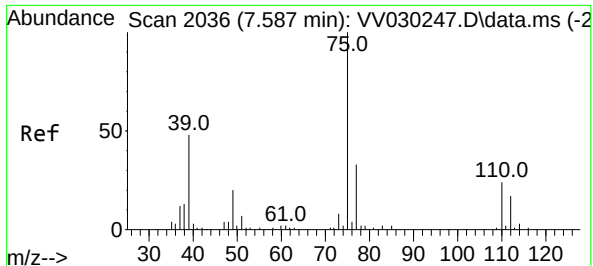
Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

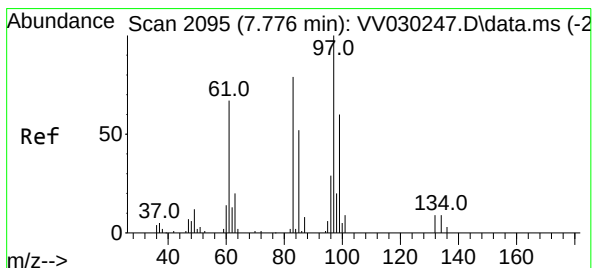
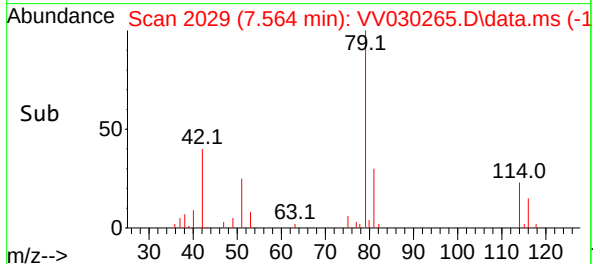
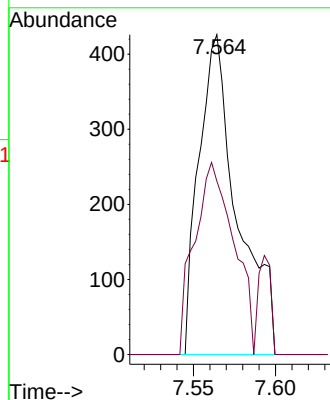
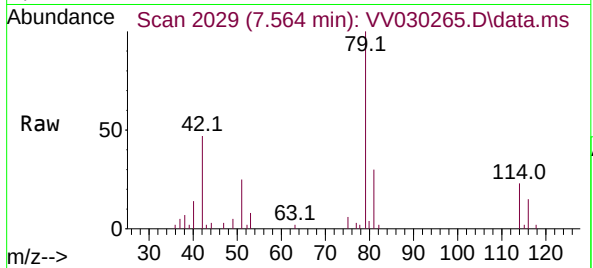




#44
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.564 min Scan# 2036
Delta R.T. -0.023 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

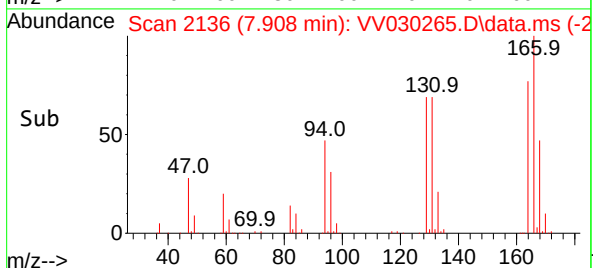
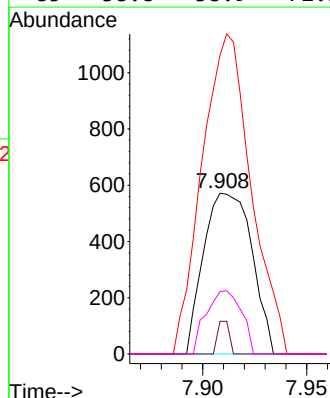
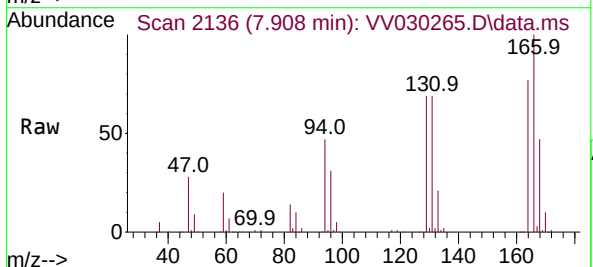
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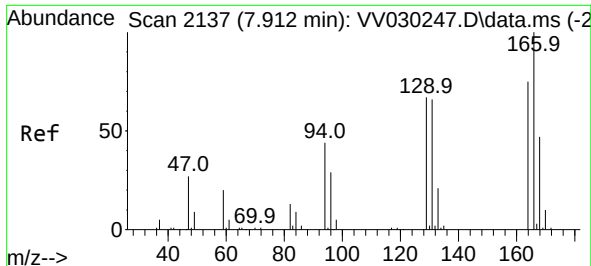
Tgt Ion: 75 Resp: 697
Ion Ratio Lower Upper
75 100
77 54.2 22.1 41.1#



#45
1,1,2-Trichloroethane
Concen: 0.165 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.132 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

Tgt Ion: 97 Resp: 923
Ion Ratio Lower Upper
97 100
99 20.3 42.6 79.2#
83 185.8 57.7 107.3#
85 38.8 38.9 72.2#

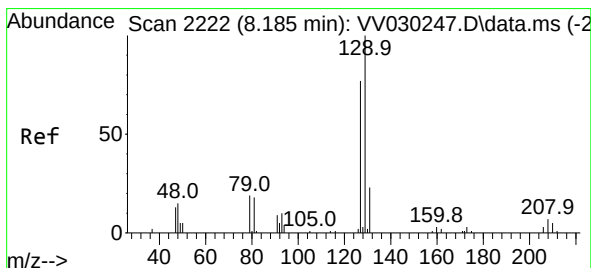
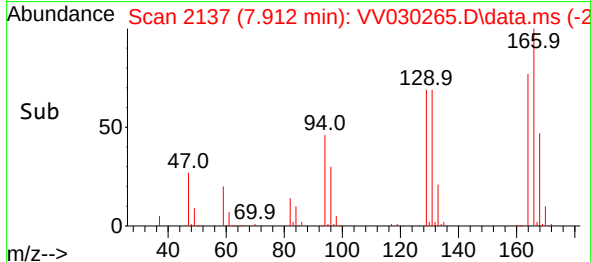
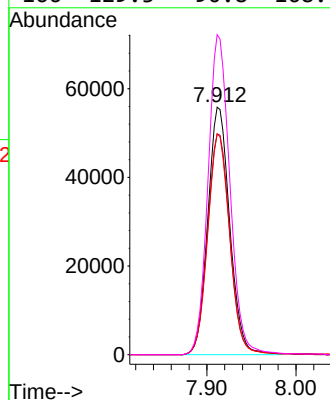
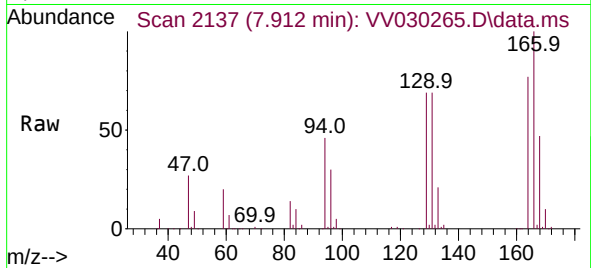




#47
Tetrachloroethene
Concen: 12.919 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

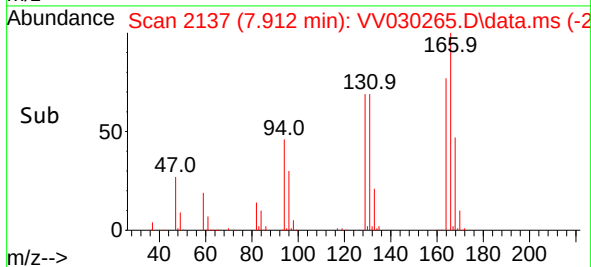
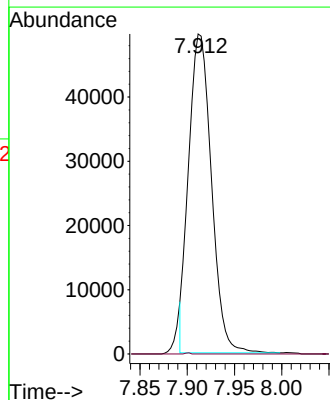
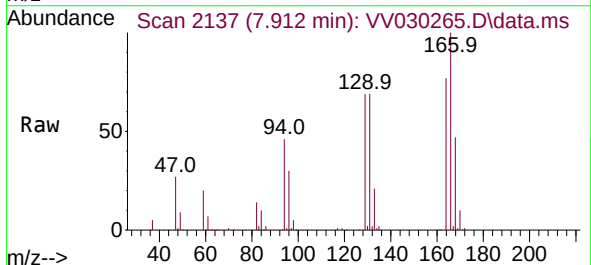
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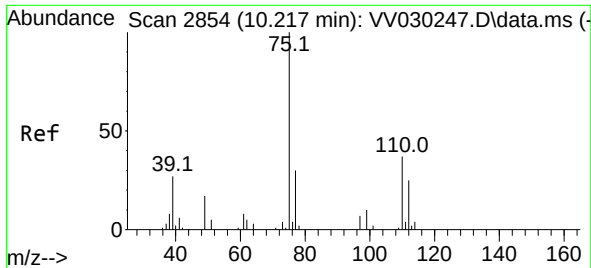
Tgt Ion:164 Resp: 95458
Ion Ratio Lower Upper
164 100
129 89.2 63.6 118.2
131 89.2 61.7 114.7
166 129.3 90.8 168.6



#49
Dibromochloromethane
Concen: 12.673 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030265.D
Acq: 20 Mar 2023 18:21

Tgt Ion:129 Resp: 82936
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.5#





#61

1,2,3-Trichloropropane

Concen: 1.583 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV030265.D

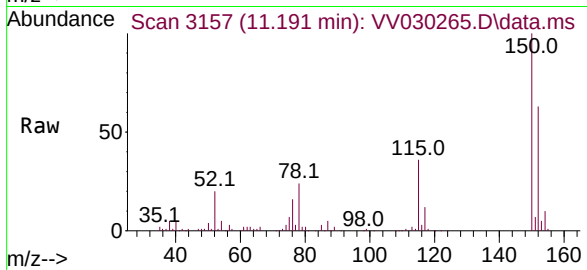
Acq: 20 Mar 2023 18:21

Instrument :

MSVOA_V

ClientSampleId :

H0A25DL



Tgt Ion: 75 Resp: 5994

Ion Ratio Lower Upper

75 100

77 36.2 26.5 39.7

110 3.7 31.8 47.6#

