

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030526.D
 Acq On : 12 Apr 2023 18:36
 Operator : SY/MD
 Sample : 02275-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ4

Quant Time: Apr 13 02:52:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

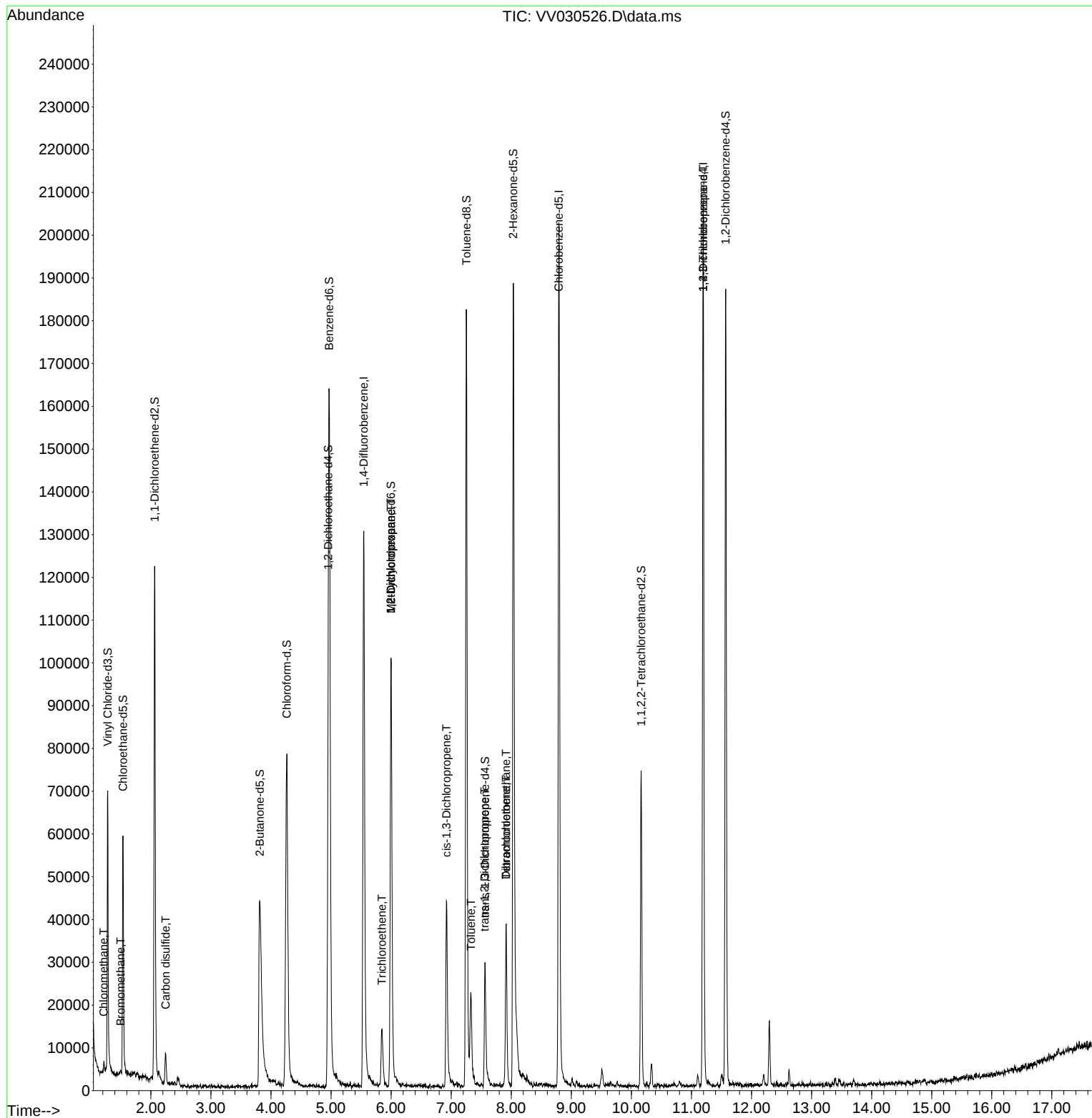
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	109258	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111142	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54134	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	44981	6.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.400%
7) Chloroethane-d5	1.536	69	35846	5.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.063	63	63680	3.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.812	46	87311	46.682	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.360%
24) Chloroform-d	4.262	84	77884	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.953	65	41801	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	4.969	84	142881	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.998	67	44696	4.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.252	98	120216	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.564	79	17079	4.626	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.034	63	65088	43.876	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	32947	4.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	47104	4.868	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1853	0.106	ug/L	87
6) Bromomethane	1.497	94	422	0.116	ug/L #	59
14) Carbon disulfide	2.246	76	8072	0.268	ug/L #	95
34) Trichloroethene	5.847	95	4621	0.434	ug/L	92
35) Methylcyclohexane	5.998	83	11324	0.678	ug/L #	17
37) 1,2-Dichloropropane	5.998	63	5805	0.573	ug/L #	85
39) cis-1,3-Dichloropropene	6.921	75	1450	0.102	ug/L #	80
42) Toluene	7.329	91	15036	0.358	ug/L	98
44) trans-1,3-Dichloropropene	7.558	75	1047	0.086	ug/L #	61
47) Tetrachloroethene	7.915	164	8566	0.912	ug/L	90
49) Dibromochloromethane	7.915	129	7677	0.904	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6051	1.250	ug/L #	58

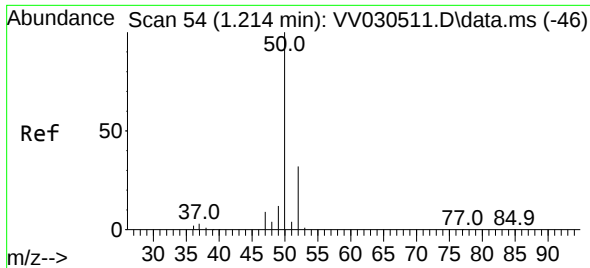
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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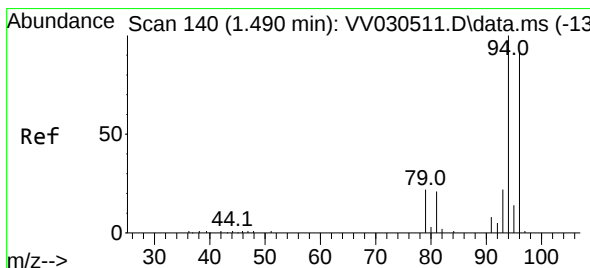
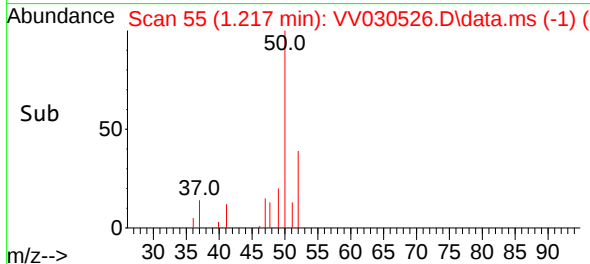
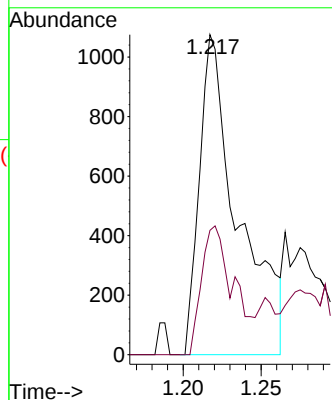
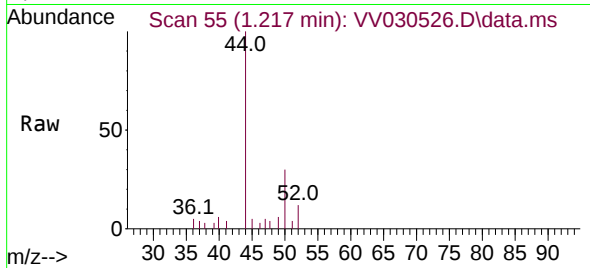




#3
Chloromethane
Concen: 0.106 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

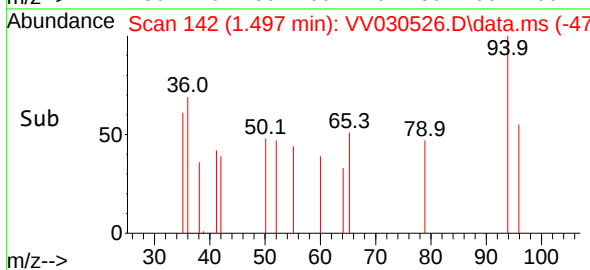
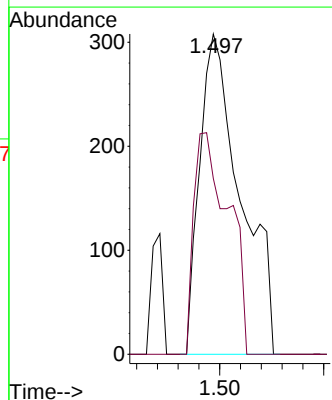
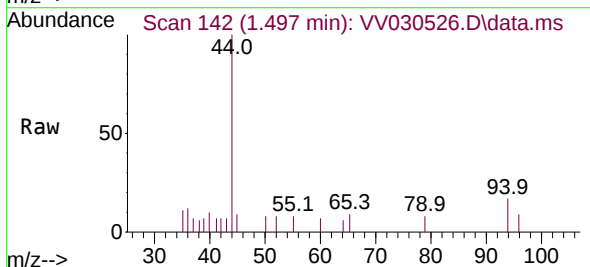
Instrument :
MSVOA_V
ClientSampleId :
BHDZ4

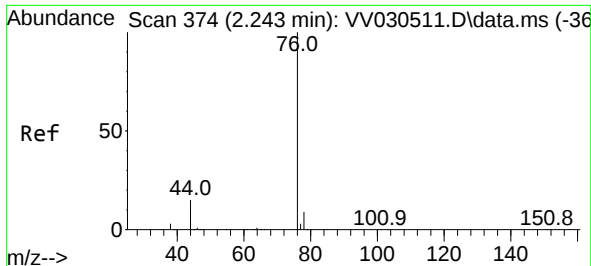
Tgt Ion: 50 Resp: 1853
Ion Ratio Lower Upper
50 100
52 38.9 22.3 41.5



#6
Bromomethane
Concen: 0.116 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 54.9 66.1 122.7#





#14

Carbon disulfide

Concen: 0.268 ug/L

RT: 2.246 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030526.D

Acq: 12 Apr 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

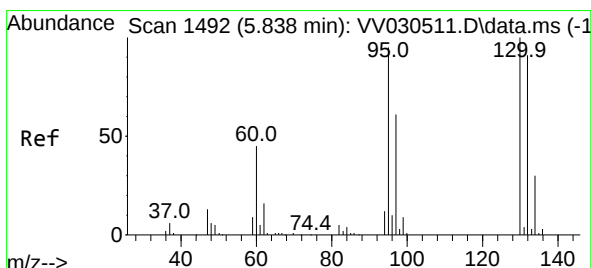
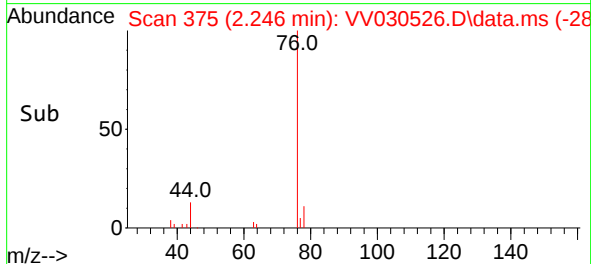
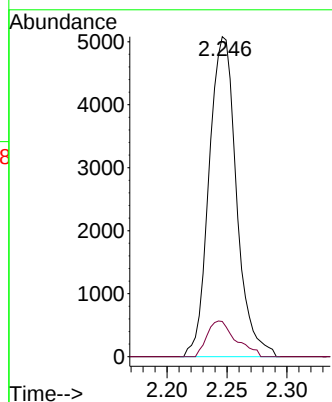
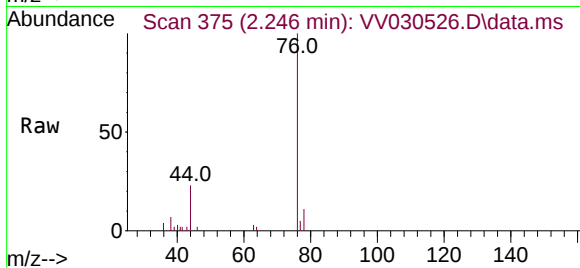
BHDZ4

Tgt Ion: 76 Resp: 8072

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#



#34

Trichloroethene

Concen: 0.434 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV030526.D

Acq: 12 Apr 2023 18:36

Tgt Ion: 95 Resp: 4621

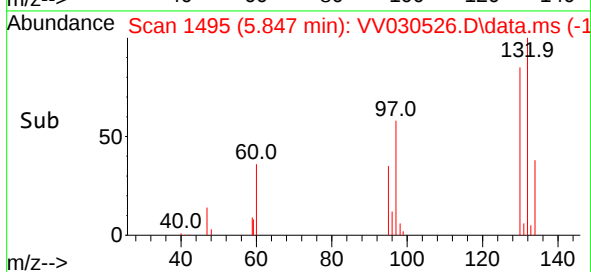
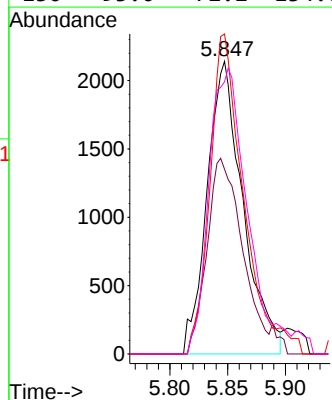
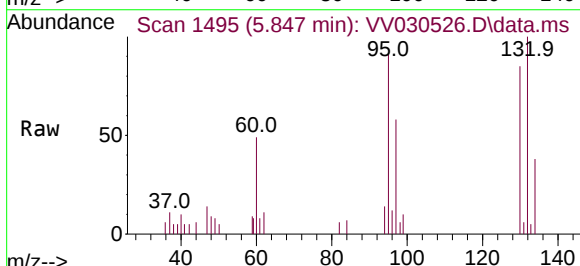
Ion Ratio Lower Upper

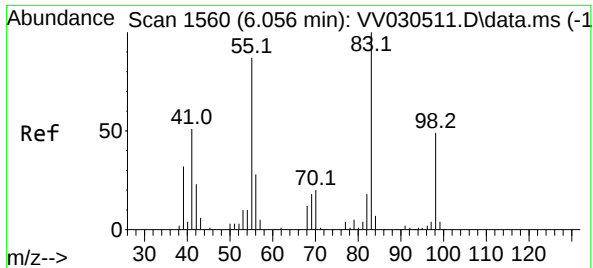
95 100

97 63.1 44.2 82.2

132 109.3 69.5 129.1

130 93.0 72.2 134.0

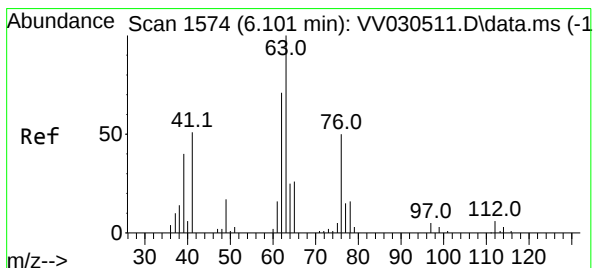
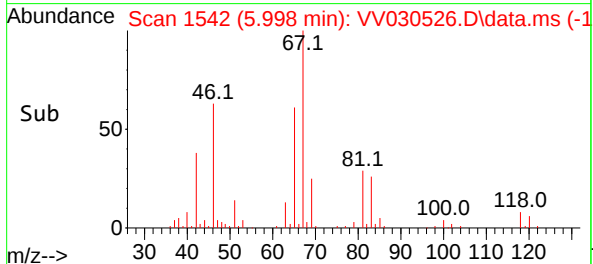
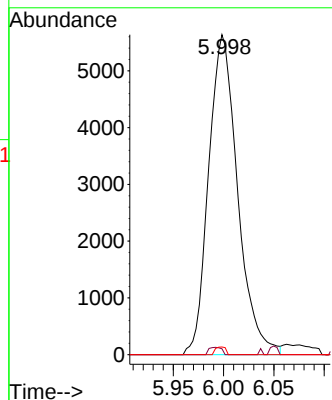
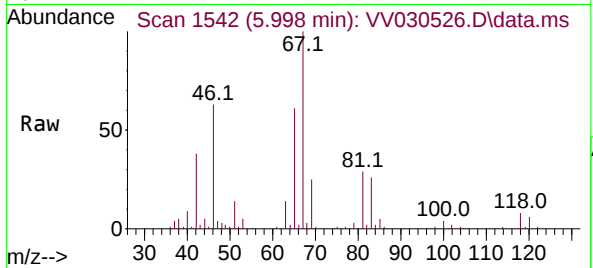




#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

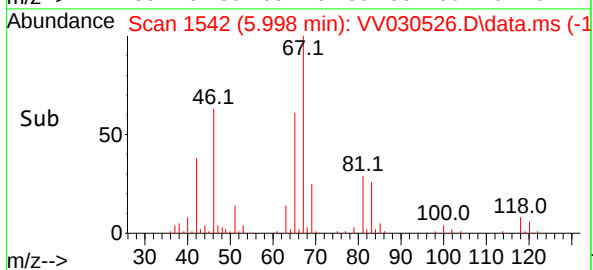
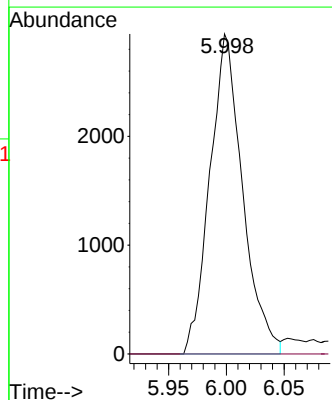
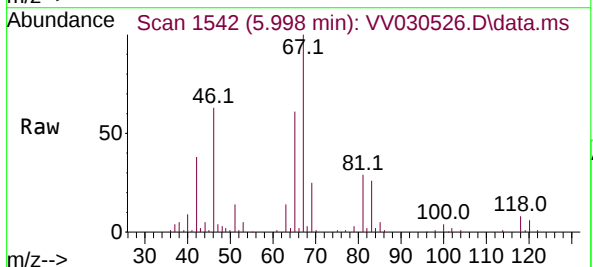
Instrument :
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BHDZ4

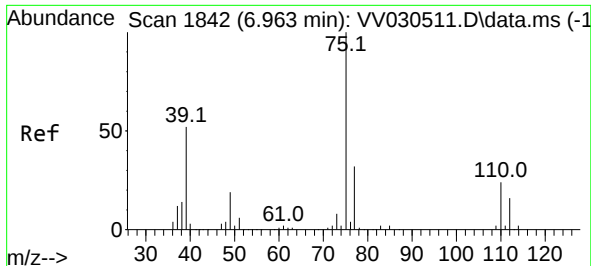
Tgt Ion: 83 Resp: 11324
Ion Ratio Lower Upper
83 100
55 1.0 66.6 100.0#
98 0.9 38.6 58.0#



#37
1,2-Dichloropropane
Concen: 0.573 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.103 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

Tgt Ion: 63 Resp: 5805
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.921 min Scan# 1829

Delta R.T. -0.042 min

Lab File: VV030526.D

Acq: 12 Apr 2023 18:36

Instrument :

MSVOA_V

ClientSampleId :

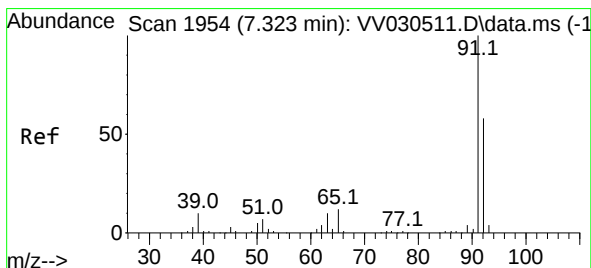
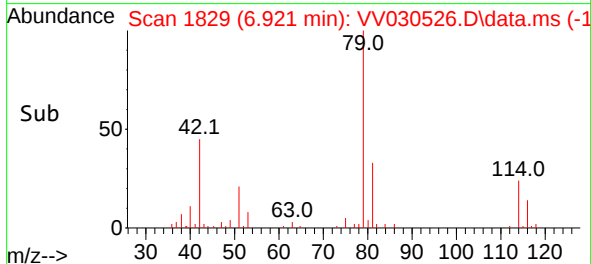
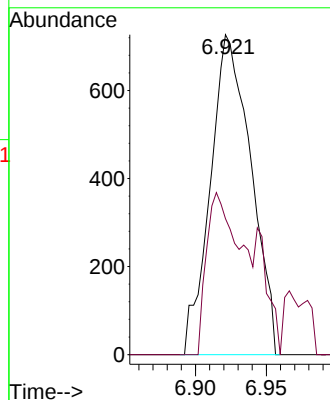
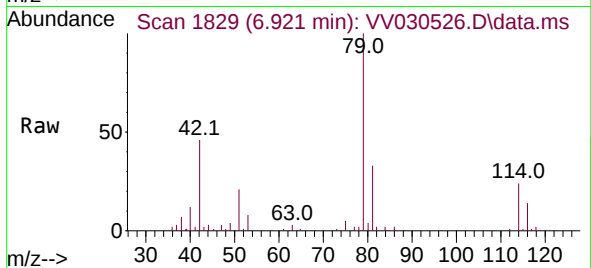
BHDZ4

Tgt Ion: 75 Resp: 1450

Ion Ratio Lower Upper

75 100

77 42.5 22.0 41.0#



#42

Toluene

Concen: 0.358 ug/L

RT: 7.329 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VV030526.D

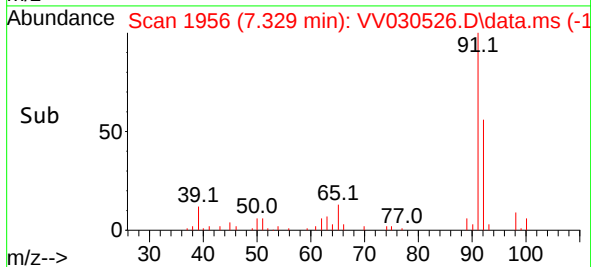
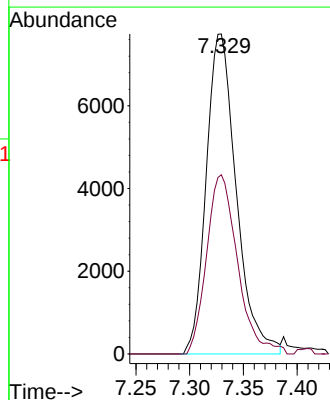
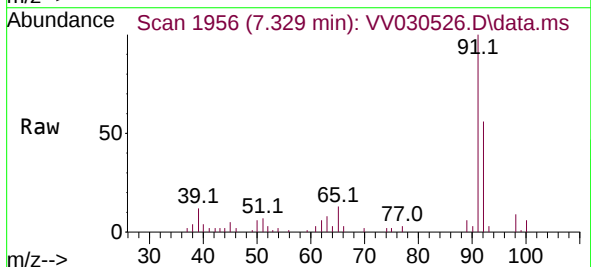
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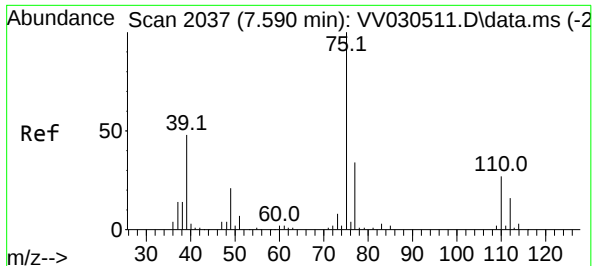
Tgt Ion: 91 Resp: 15036

Ion Ratio Lower Upper

91 100

92 56.0 40.4 75.0

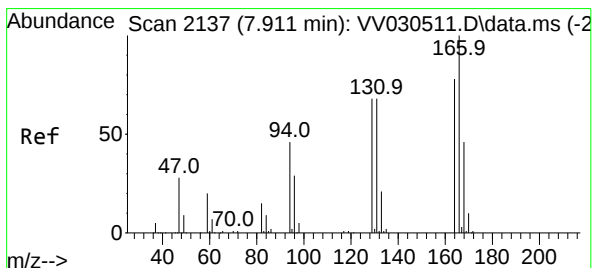
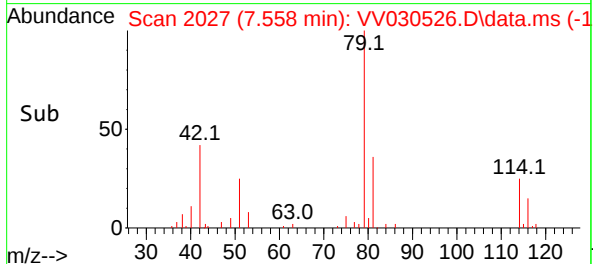
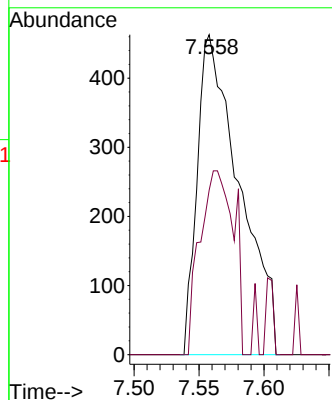
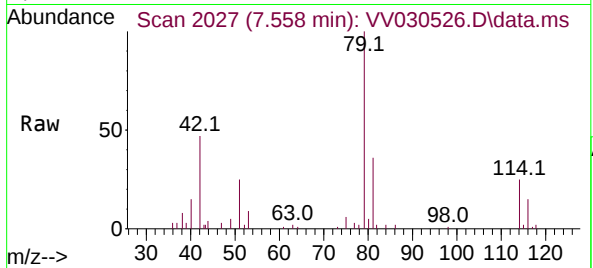




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.558 min Scan# 2037
Delta R.T. -0.032 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

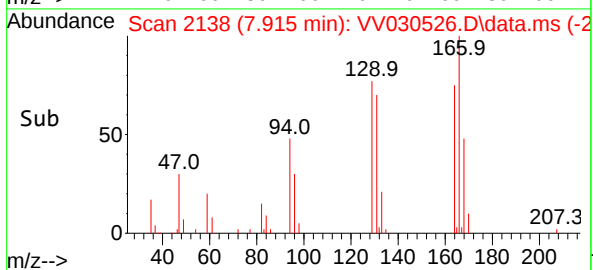
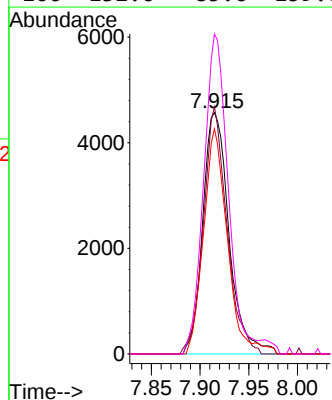
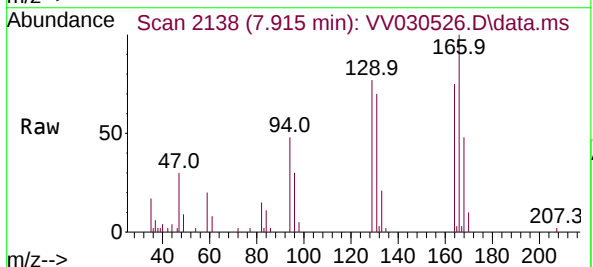
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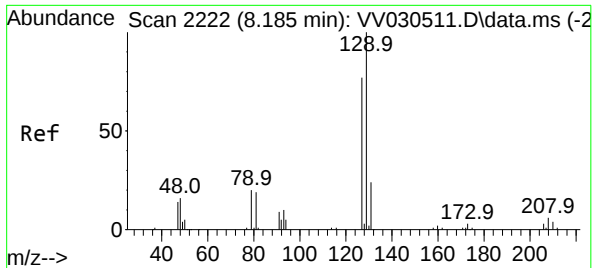
Tgt Ion: 75 Resp: 1047
Ion Ratio Lower Upper
75 100
77 51.4 21.2 39.4#



#47
Tetrachloroethene
Concen: 0.912 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

Tgt Ion: 164 Resp: 8566
Ion Ratio Lower Upper
164 100
129 102.4 60.8 112.8
131 93.3 61.7 114.7
166 132.6 85.6 159.0

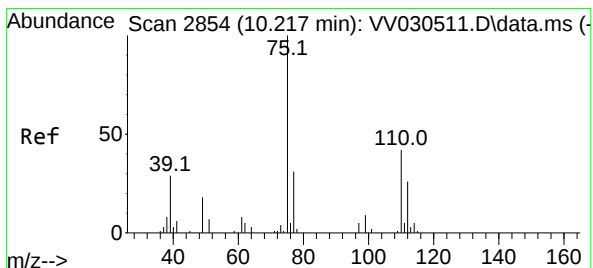
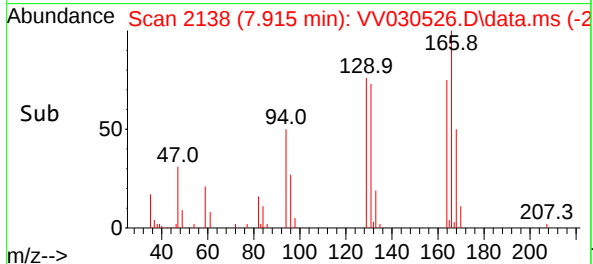
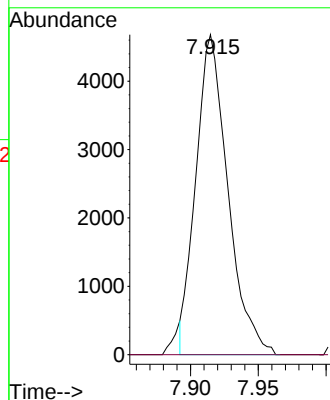
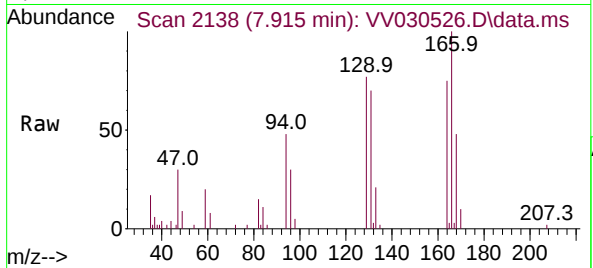




#49
Dibromochloromethane
Concen: 0.904 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.270 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:129 Resp: 7677
Ion Ratio Lower Upper
129 100
127 0.0 52.7 97.9#



#61
1,2,3-Trichloropropane
Concen: 1.250 ug/L
RT: 11.194 min Scan# 3158
Delta R.T. 0.978 min
Lab File: VV030526.D
Acq: 12 Apr 2023 18:36

Tgt Ion: 75 Resp: 6051
Ion Ratio Lower Upper
75 100
77 43.1 26.0 39.0#
110 2.0 31.6 47.4#

