

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030527.D
 Acq On : 12 Apr 2023 19:00
 Operator : SY/MD
 Sample : 02275-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ5

Quant Time: Apr 13 02:52:35 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)

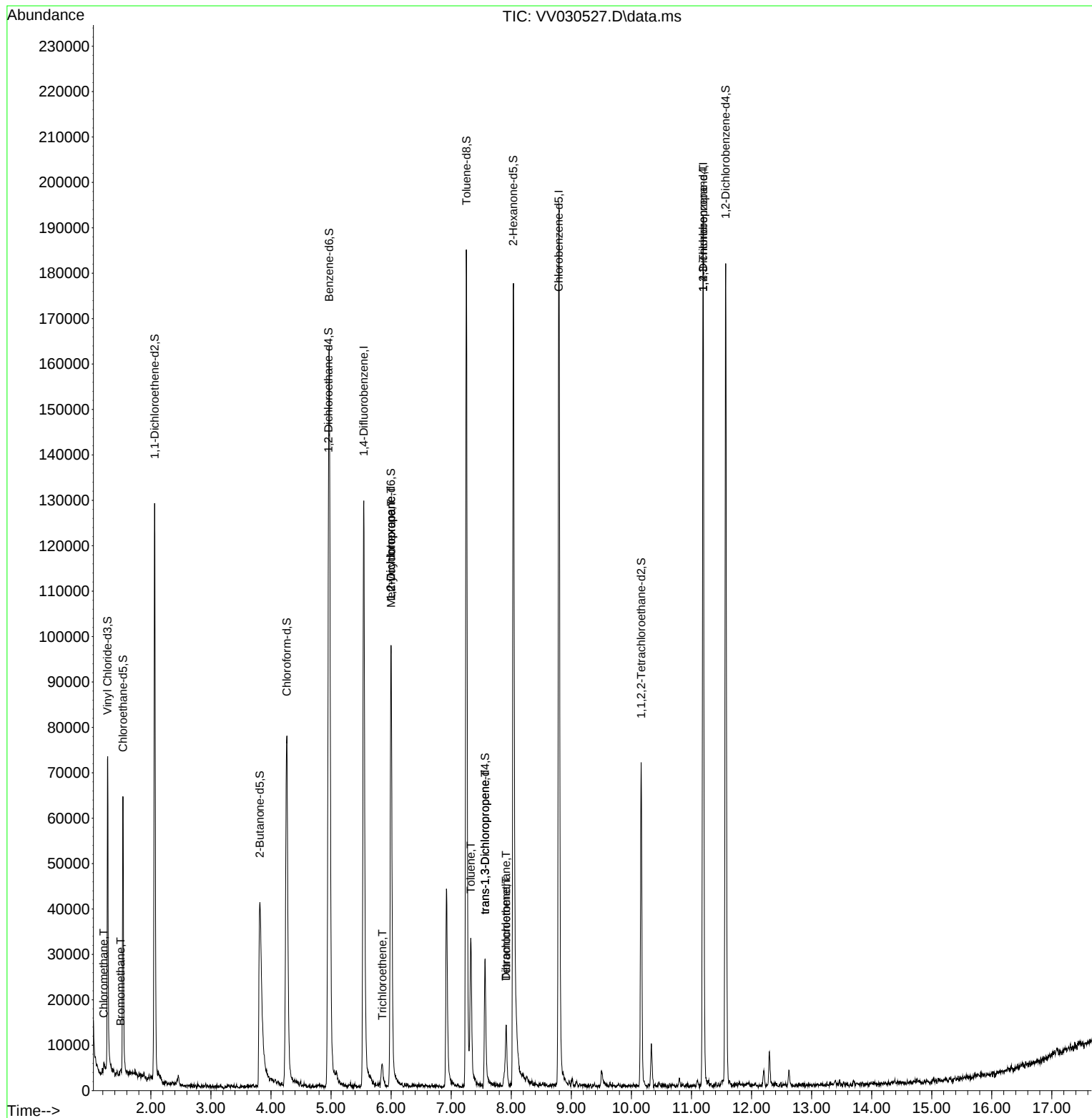
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	108348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	108006	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	51155	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48404	6.745	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 135.000%#		
7) Chloroethane-d5	1.536	69	37016	5.315	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 106.400%		
11) 1,1-Dichloroethene-d2	2.063	63	68066	3.997	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 80.000%		
20) 2-Butanone-d5	3.815	46	81561	43.974	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 87.940%		
24) Chloroform-d	4.262	84	79280	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 91.200%		
26) 1,2-Dichloroethane-d4	4.957	65	41375	5.049	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 101.000%		
32) Benzene-d6	4.970	84	142306	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.600%		
36) 1,2-Dichloropropane-d6	5.998	67	42975	4.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 90.200%		
41) Toluene-d8	7.252	98	122705	4.390	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 87.800%		
43) trans-1,3-Dichloroprop...	7.564	79	16226	4.523	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 90.400%		
46) 2-Hexanone-d5	8.034	63	62628	43.444	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.880%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31912	4.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 85.000%		
66) 1,2-Dichlorobenzene-d4	11.571	152	45204	4.944	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 98.800%		
Target Compounds						
						Qvalue
3) Chloromethane	1.217	50	1403	0.081	ug/L	97
6) Bromomethane	1.497	94	323	0.089	ug/L	96
34) Trichloroethene	5.854	95	1766	0.171	ug/L	90
35) Methylcyclohexane	6.002	83	11400	0.702	ug/L #	16
37) 1,2-Dichloropropane	5.998	63	5617	0.570	ug/L #	85
42) Toluene	7.326	91	22419	0.549	ug/L	99
44) trans-1,3-Dichloropropene	7.564	75	1064	0.090	ug/L	96
47) Tetrachloroethene	7.915	164	3239	0.355	ug/L	93
49) Dibromochloromethane	7.915	129	2394	0.290	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	5783	1.264	ug/L #	67

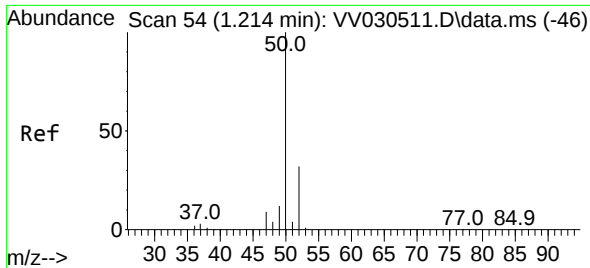
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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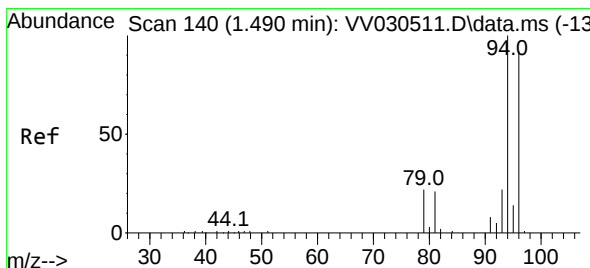
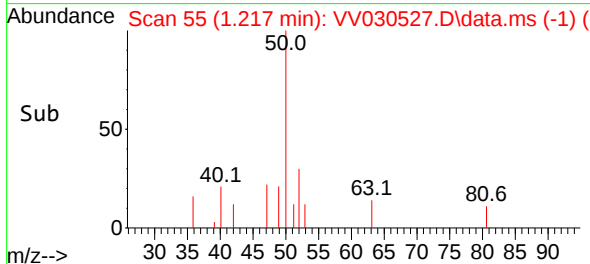
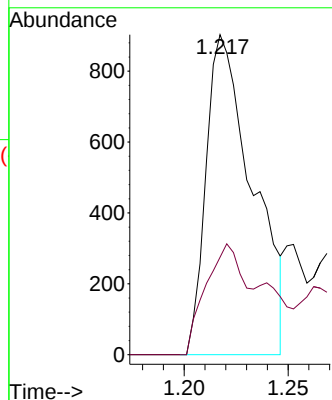
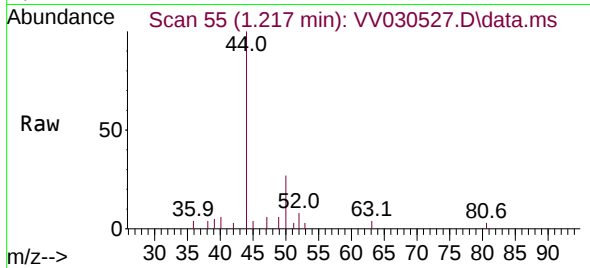




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

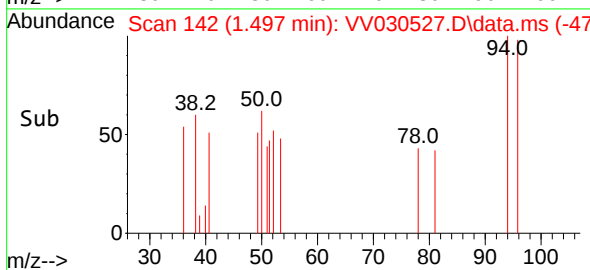
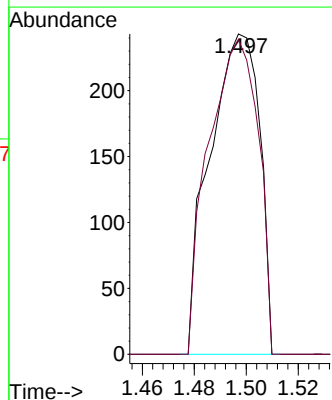
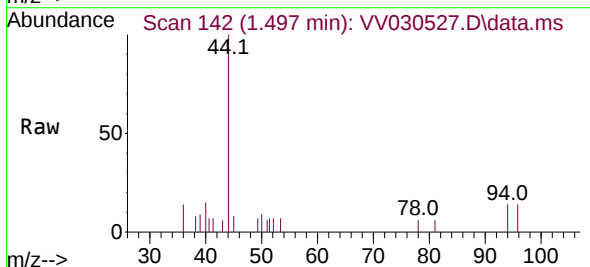
Instrument :
MSVOA_V
ClientSampleId :
BHDZ5

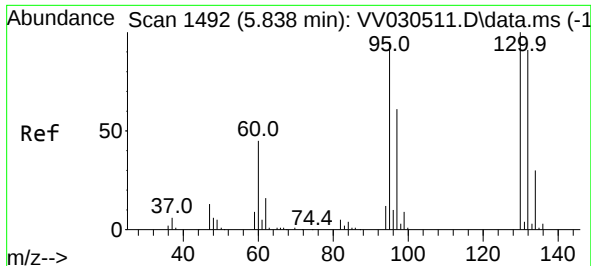
Tgt Ion: 50 Resp: 1403
Ion Ratio Lower Upper
50 100
52 30.5 22.3 41.5



#6
Bromomethane
Concen: 0.089 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.007 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

Tgt Ion: 94 Resp: 323
Ion Ratio Lower Upper
94 100
96 98.4 66.1 122.7



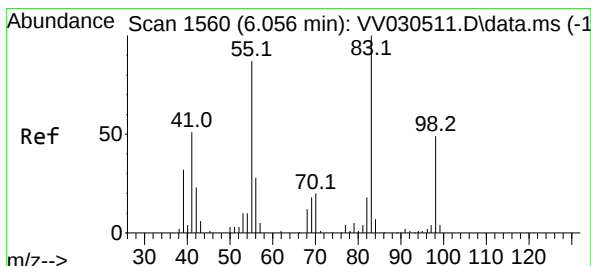
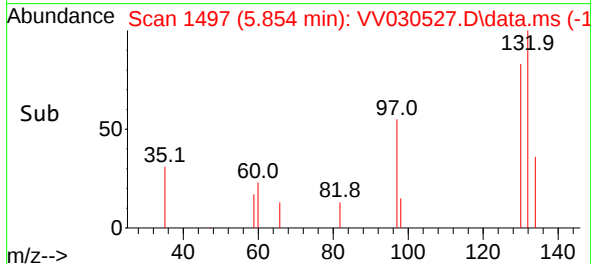
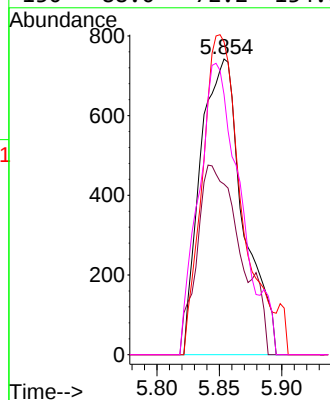
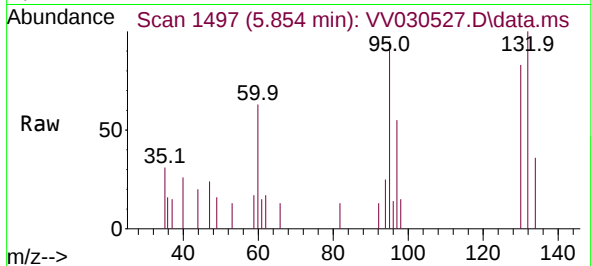


#34
Trichloroethene
Concen: 0.171 ug/L
RT: 5.854 min Scan# 1492
Delta R.T. 0.016 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

Instrument :
MSVOA_V
ClientSampleId :
BHDZ5

Tgt Ion: 95 Resp: 1766

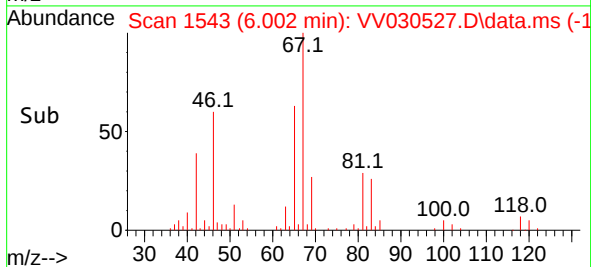
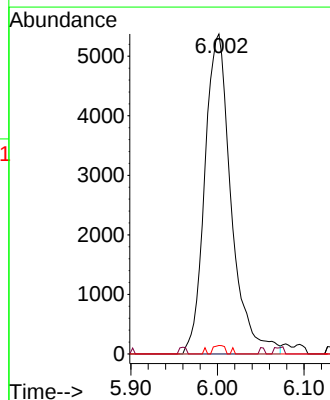
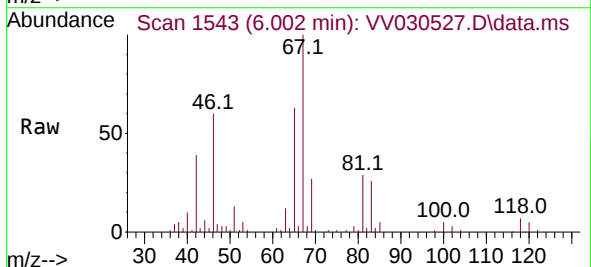
Ion	Ratio	Lower	Upper
95	100		
97	57.7	44.2	82.2
132	105.8	69.5	129.1
130	88.0	72.2	134.0

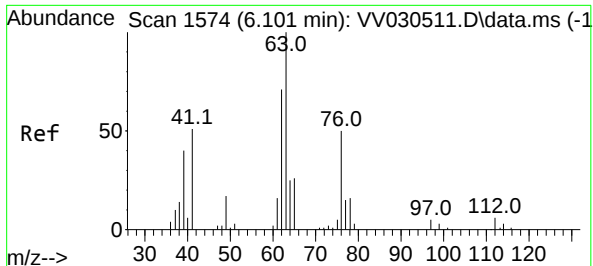


#35
Methylcyclohexane
Concen: 0.702 ug/L
RT: 6.002 min Scan# 1543
Delta R.T. -0.055 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

Tgt Ion: 83 Resp: 11400

Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.6	100.0#
98	1.1	38.6	58.0#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 5.998 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV030527.D

Acq: 12 Apr 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

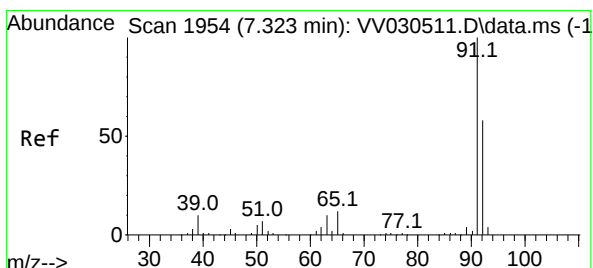
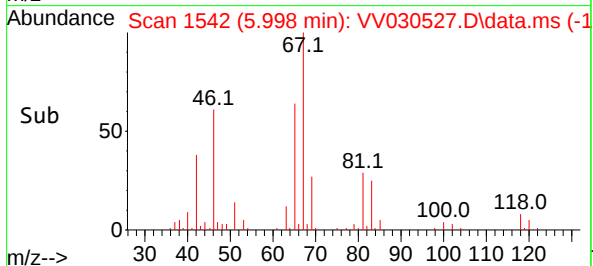
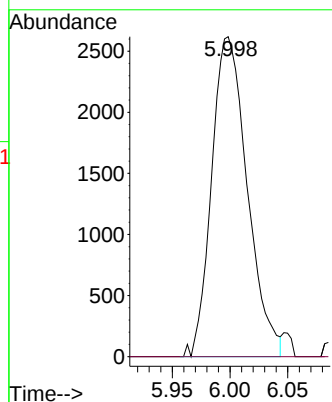
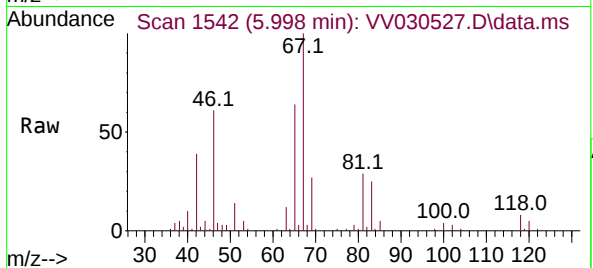
BHDZ5

Tgt Ion: 63 Resp: 5617

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#42

Toluene

Concen: 0.549 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.003 min

Lab File: VV030527.D

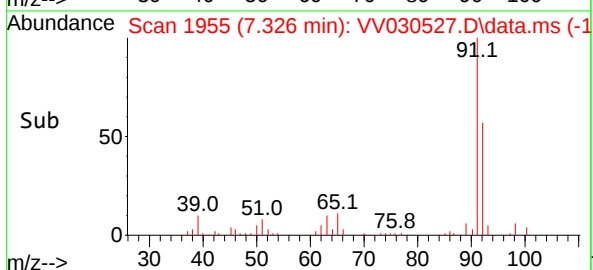
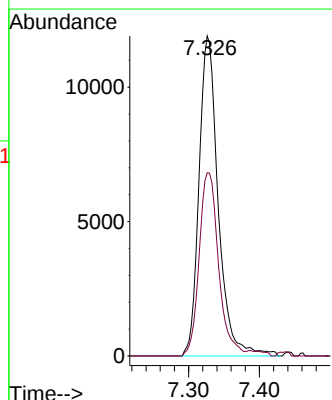
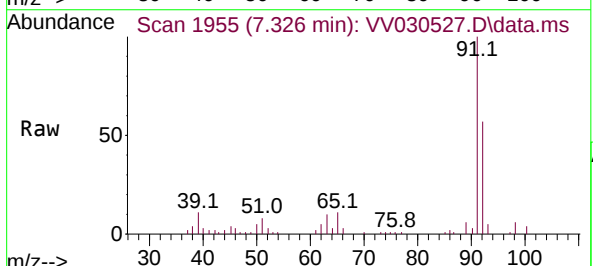
Acq: 12 Apr 2023 19:00

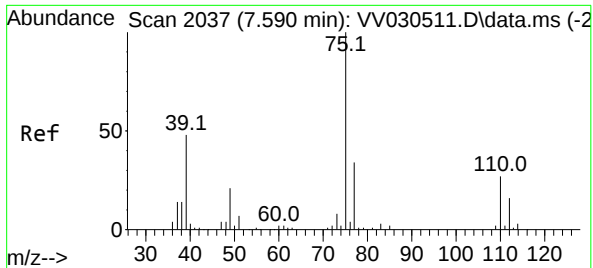
Tgt Ion: 91 Resp: 22419

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0

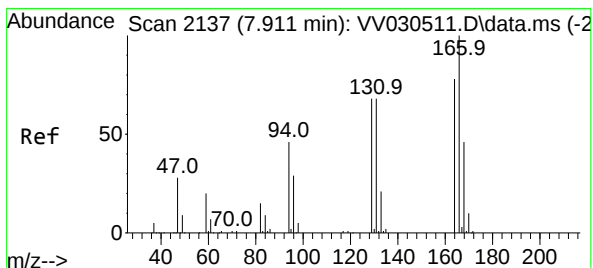
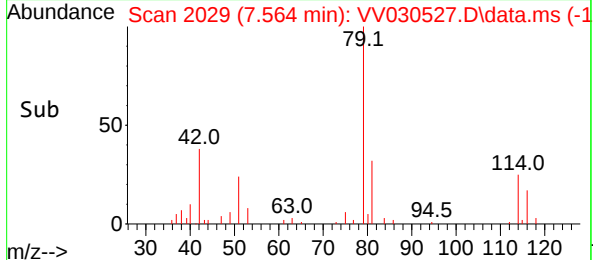
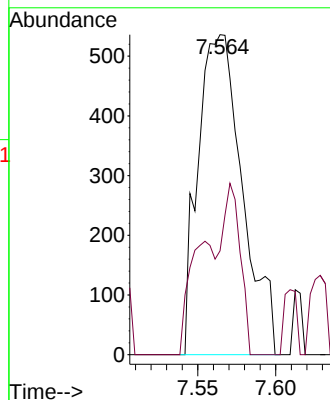
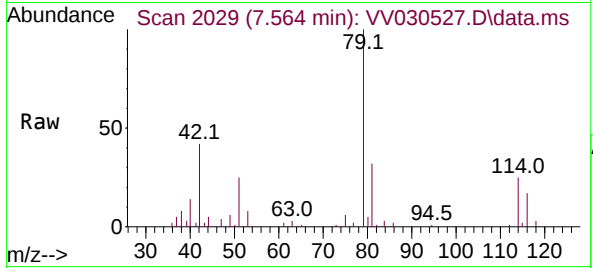




#44
trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.564 min Scan# 2037
Delta R.T. -0.026 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

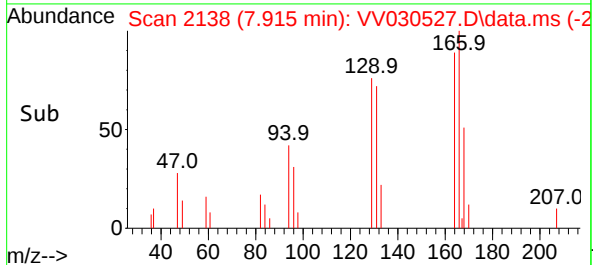
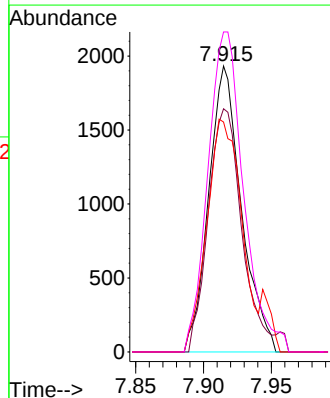
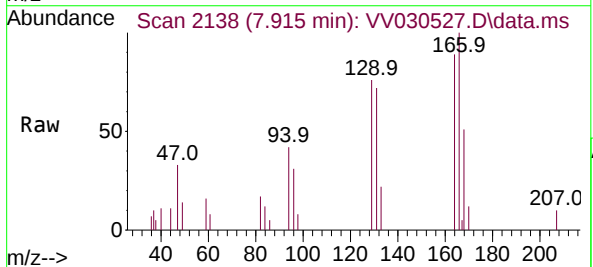
Instrument :
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ClientSampleId :
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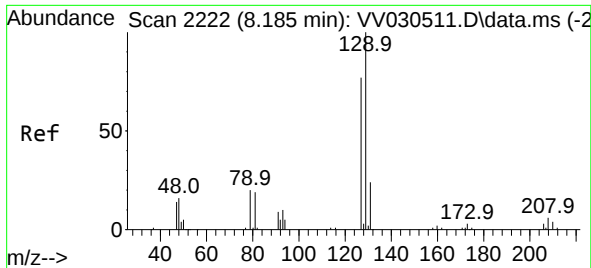
Tgt Ion: 75 Resp: 1064
Ion Ratio Lower Upper
75 100
77 32.5 21.2 39.4



#47
Tetrachloroethene
Concen: 0.355 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030527.D
Acq: 12 Apr 2023 19:00

Tgt Ion: 164 Resp: 3239
Ion Ratio Lower Upper
164 100
129 85.0 60.8 112.8
131 80.4 61.7 114.7
166 111.9 85.6 159.0





#49

Dibromochloromethane

Concen: 0.290 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. -0.270 min

Lab File: VV030527.D

Acq: 12 Apr 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

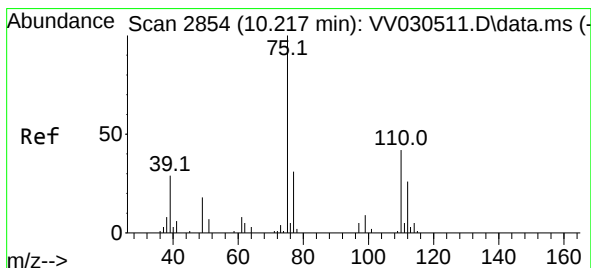
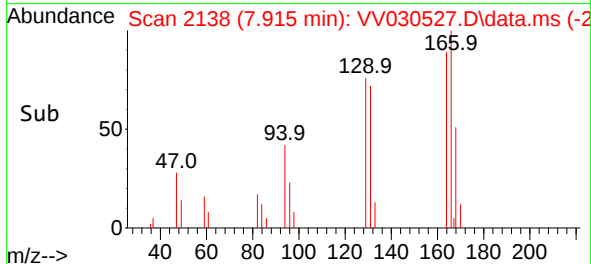
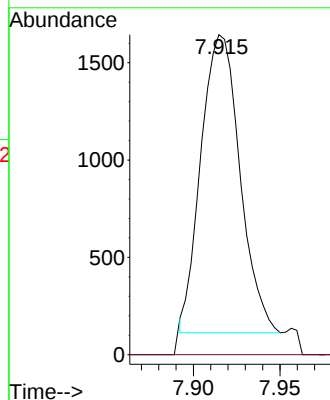
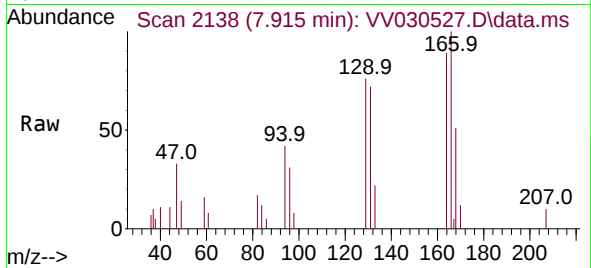
BHDZ5

Tgt Ion:129 Resp: 2394

Ion Ratio Lower Upper

129 100

127 0.0 52.7 97.9#



#61

1,2,3-Trichloropropane

Concen: 1.264 ug/L

RT: 11.194 min Scan# 3158

Delta R.T. 0.978 min

Lab File: VV030527.D

Acq: 12 Apr 2023 19:00

Tgt Ion: 75 Resp: 5783

Ion Ratio Lower Upper

75 100

77 34.8 26.0 39.0

110 4.2 31.6 47.4#

