

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041423\
 Data File : VV030565.D
 Acq On : 14 Apr 2023 11:59
 Operator : SY/MD
 Sample : 02275-16DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE01DL

Quant Time: Apr 15 01:57:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

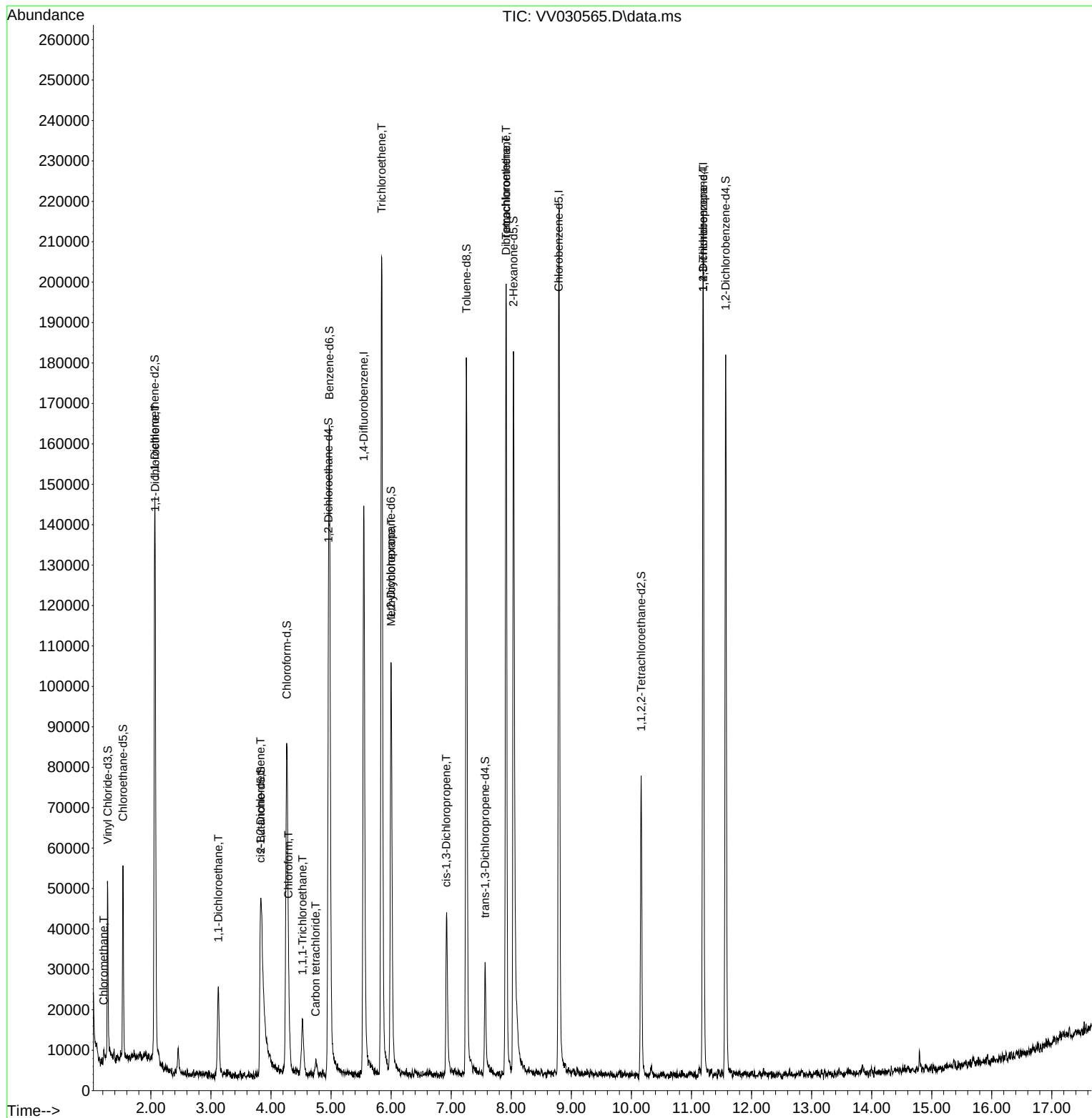
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	118076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28544	3.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.536	69	29182	3.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.200%
11) 1,1-Dichloroethene-d2	2.063	63	66252	3.446	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.831	46	84678	40.430	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.860%
24) Chloroform-d	4.262	84	79829	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	4.957	65	42042	4.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	4.973	84	139070	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.998	67	44938	4.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.252	98	118764	3.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.564	79	14851	3.787	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.037	63	67723	42.971	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.940%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33515	4.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	46741	4.658	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	1911	0.097	ug/L #	80
12) 1,1-Dichloroethene	2.073	96	17379	1.700	ug/L #	49
19) 1,1-Dichloroethane	3.124	63	22357	1.071	ug/L	97
22) cis-1,2-Dichloroethene	3.825	96	7337	0.679	ug/L #	97
25) Chloroform	4.291	83	11047	0.524	ug/L	92
29) 1,1,1-Trichloroethane	4.526	97	9737	0.513	ug/L	94
31) Carbon tetrachloride	4.744	117	2441	0.142	ug/L	96
34) Trichloroethene	5.844	95	70182	6.205	ug/L	97
35) Methylcyclohexane	6.002	83	11810	0.665	ug/L #	18
39) cis-1,3-Dichloropropene	6.918	75	1434	0.095	ug/L #	64
47) Tetrachloroethene	7.915	164	43500	4.358	ug/L	96
49) Dibromochloromethane	7.912	129	36928	4.092	ug/L #	12
61) 1,2,3-Trichloropropane	11.194	75	6571	1.309	ug/L #	62

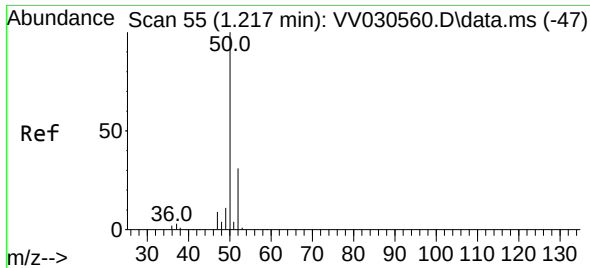
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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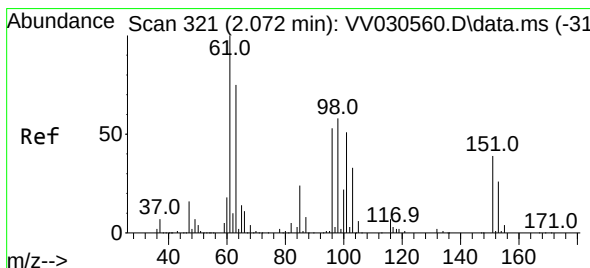
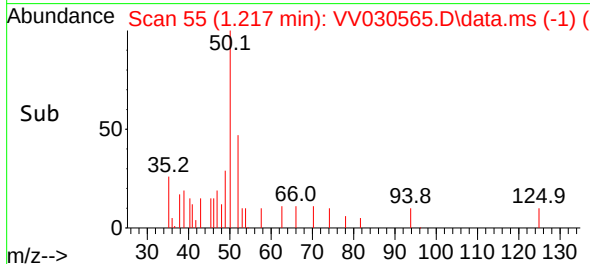
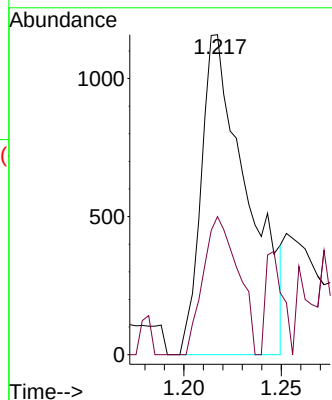
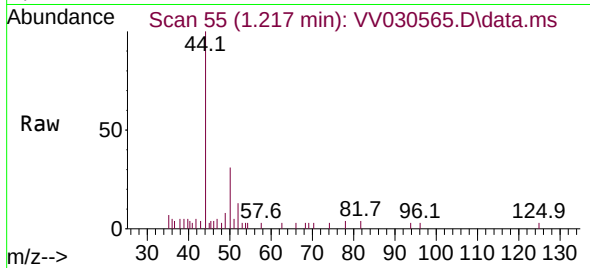




#3
Chloromethane
Concen: 0.097 ug/L
RT: 1.217 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

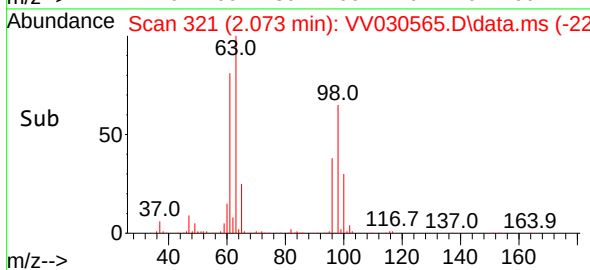
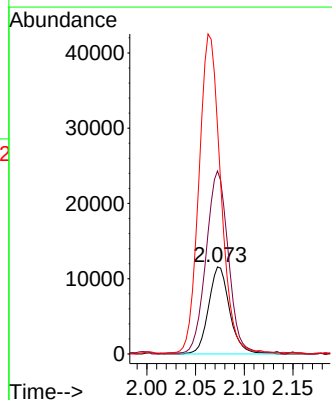
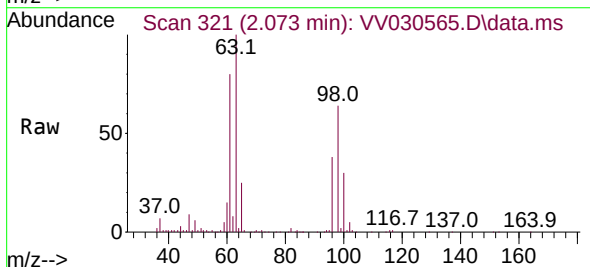
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BHE01DL

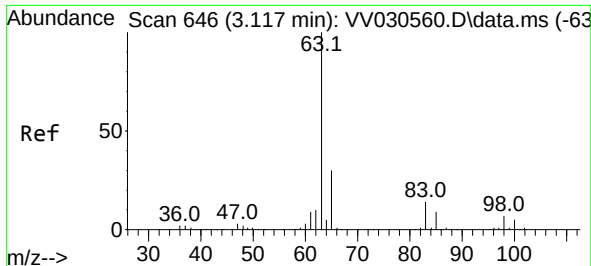
Tgt Ion: 50 Resp: 1911
Ion Ratio Lower Upper
50 100
52 43.1 22.3 41.5#



#12
1,1-Dichloroethene
Concen: 1.700 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

Tgt Ion: 96 Resp: 17379
Ion Ratio Lower Upper
96 100
61 210.2 136.3 253.1
63 261.7 92.1 171.1#





#19

1,1-Dichloroethane

Concen: 1.071 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.007 min

Lab File: VV030565.D

Acq: 14 Apr 2023 11:59

Instrument :

MSVOA_V

ClientSampleId :

BHE01DL

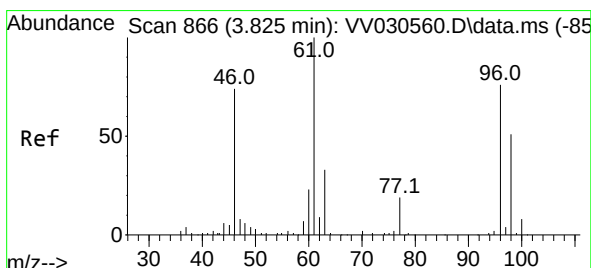
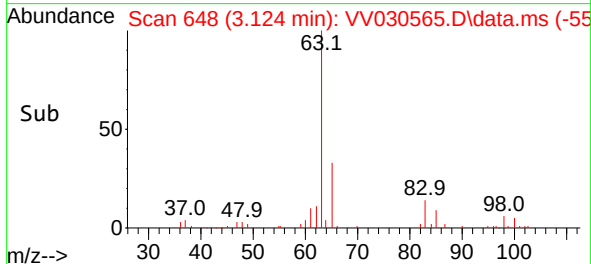
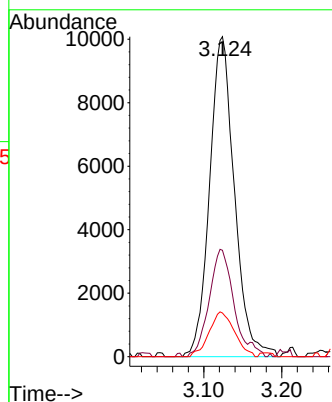
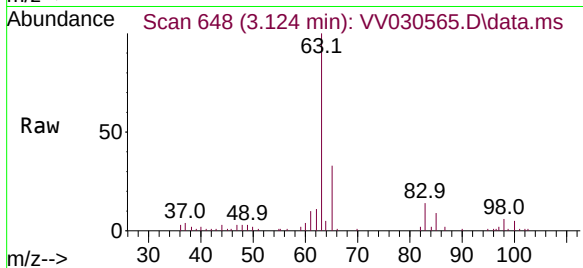
Tgt Ion: 63 Resp: 22357

Ion Ratio Lower Upper

63 100

65 33.3 21.7 40.3

83 13.6 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.679 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV030565.D

Acq: 14 Apr 2023 11:59

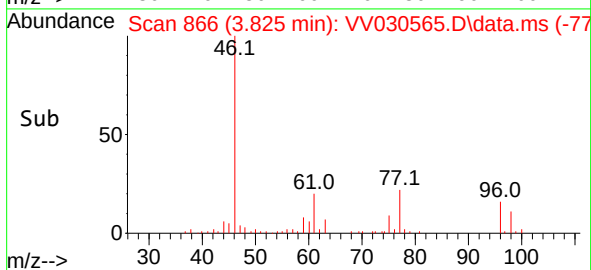
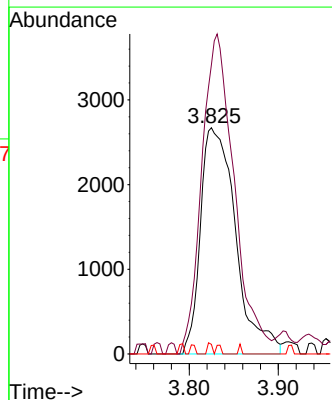
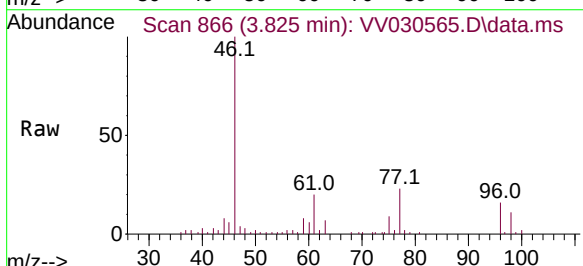
Tgt Ion: 96 Resp: 7337

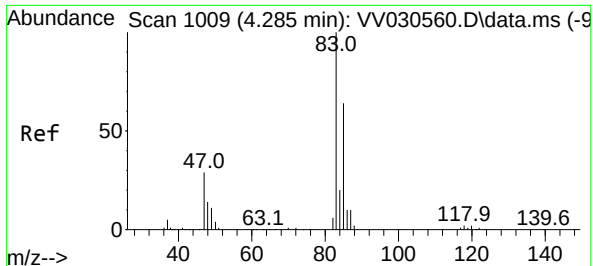
Ion Ratio Lower Upper

96 100

61 127.9 92.0 170.8

68 4.2 0.0 0.0#

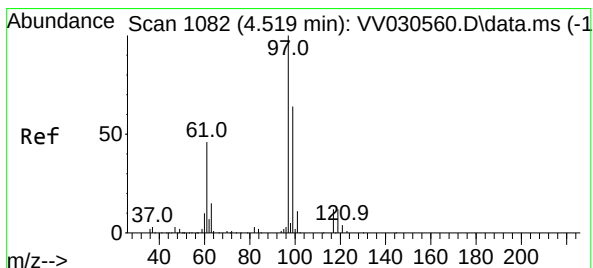
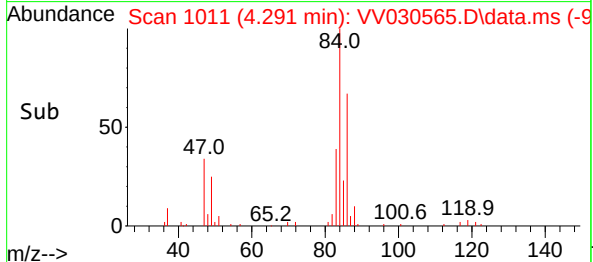
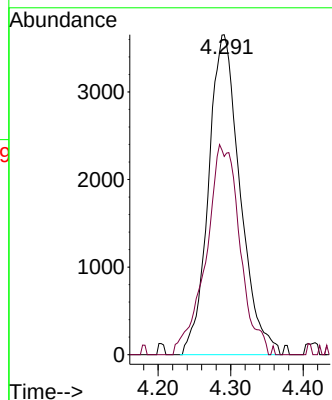
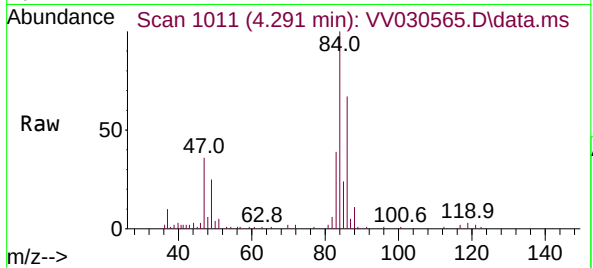




#25
Chloroform
Concen: 0.524 ug/L
RT: 4.291 min Scan# 1009
Delta R.T. 0.007 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

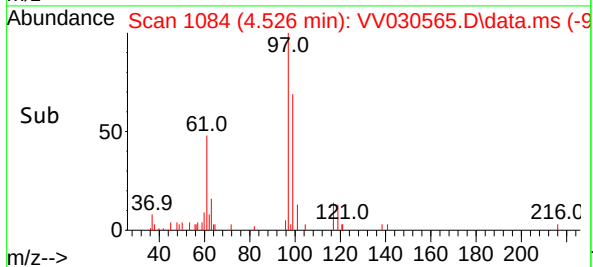
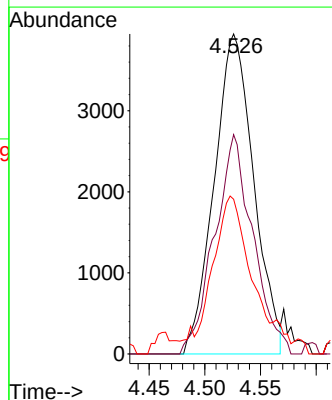
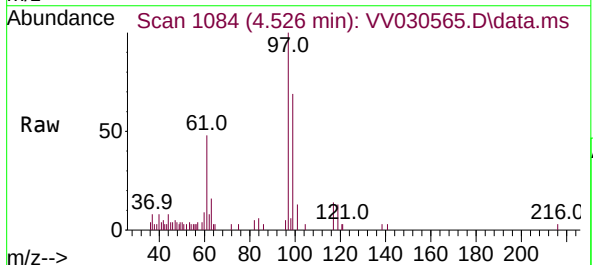
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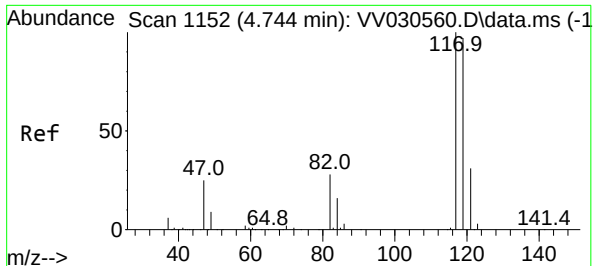
Tgt Ion: 83 Resp: 11047
Ion Ratio Lower Upper
83 100
85 61.9 47.6 88.4



#29
1,1,1-Trichloroethane
Concen: 0.513 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

Tgt Ion: 97 Resp: 9737
Ion Ratio Lower Upper
97 100
99 66.6 50.9 76.3
61 51.2 35.9 53.9

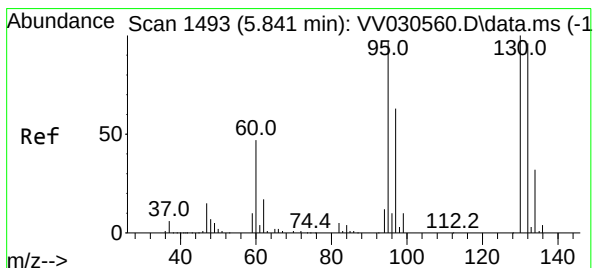
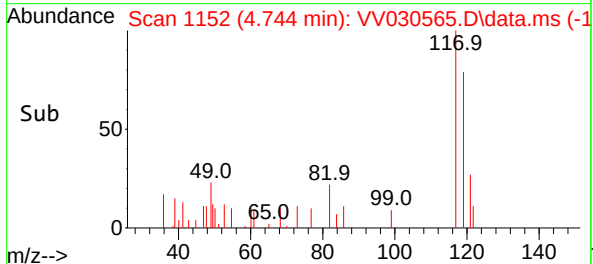
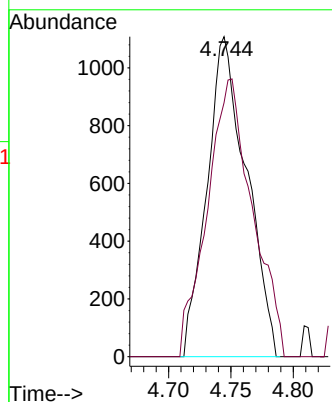
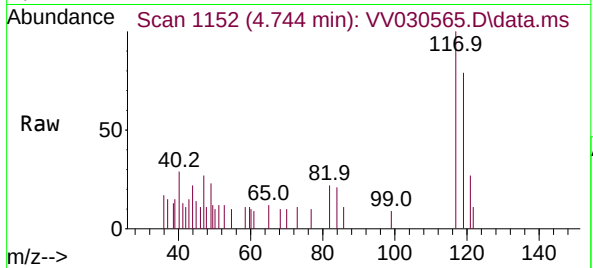




#31
Carbon tetrachloride
Concen: 0.142 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

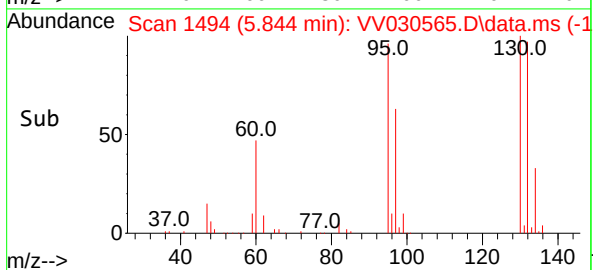
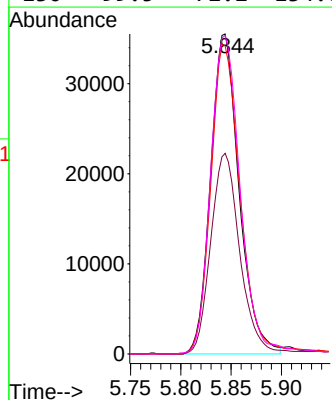
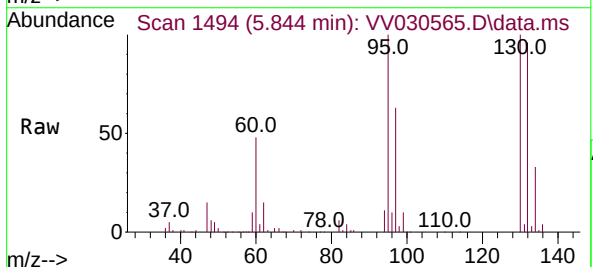
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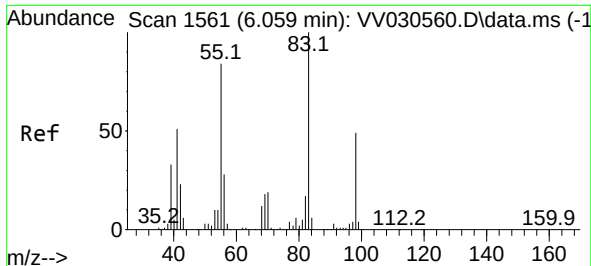
Tgt Ion:117 Resp: 2441
Ion Ratio Lower Upper
117 100
119 98.9 76.2 114.4



#34
Trichloroethene
Concen: 6.205 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.003 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

Tgt Ion: 95 Resp: 70182
Ion Ratio Lower Upper
95 100
97 62.7 44.2 82.2
132 96.3 69.5 129.1
130 99.5 72.2 134.0

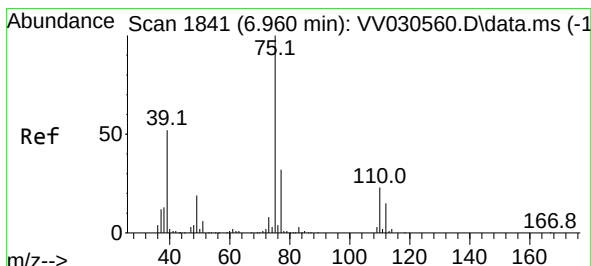
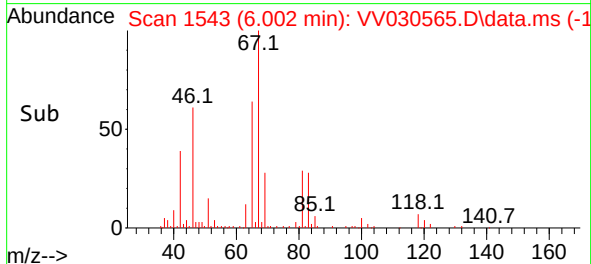
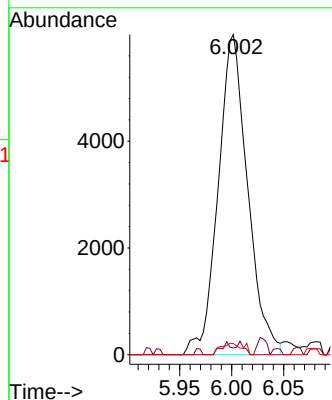
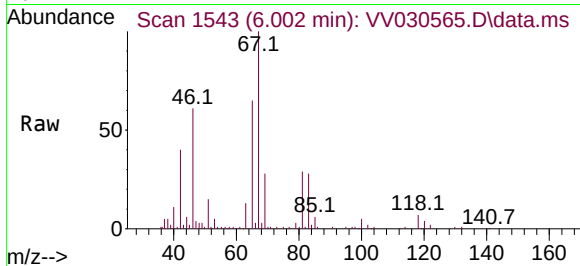




#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 6.002 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

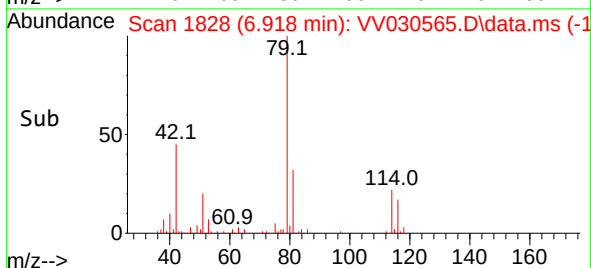
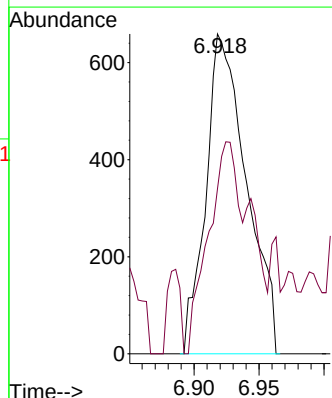
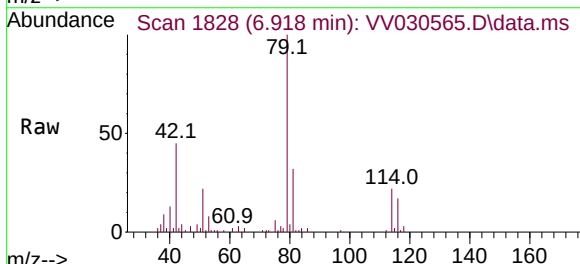
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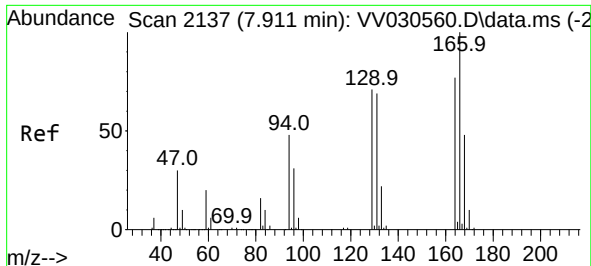
Tgt Ion: 83 Resp: 11810
Ion Ratio Lower Upper
83 100
55 1.4 66.6 100.0#
98 2.7 38.6 58.0#



#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.042 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

Tgt Ion: 75 Resp: 1434
Ion Ratio Lower Upper
75 100
77 51.6 22.0 41.0#

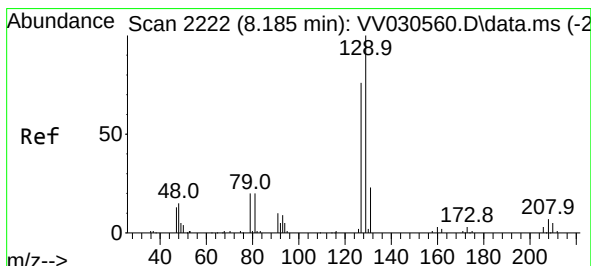
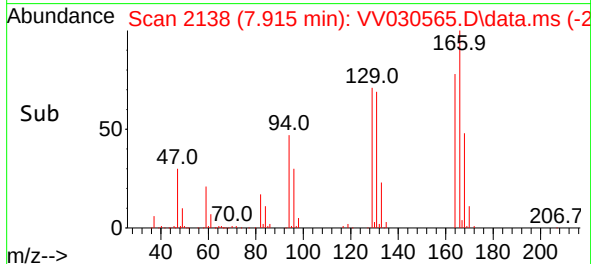
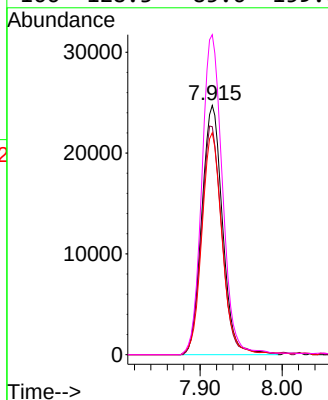
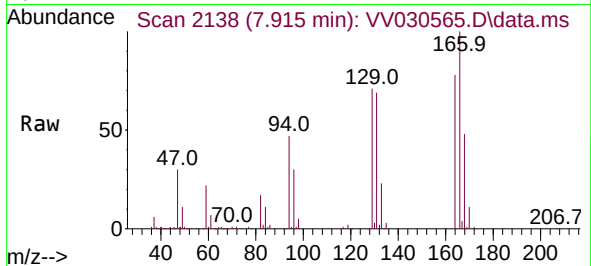




#47
Tetrachloroethene
Concen: 4.358 ug/L
RT: 7.915 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

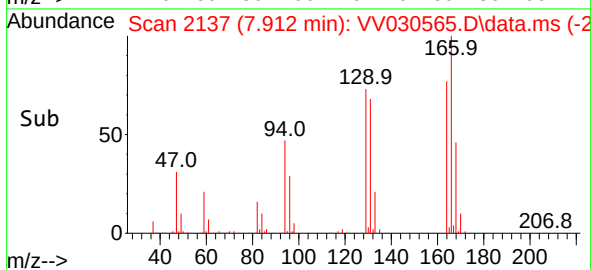
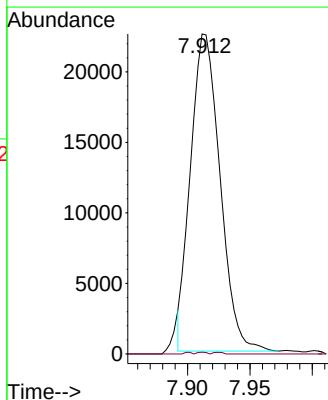
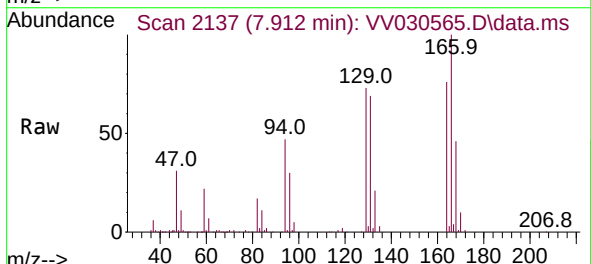
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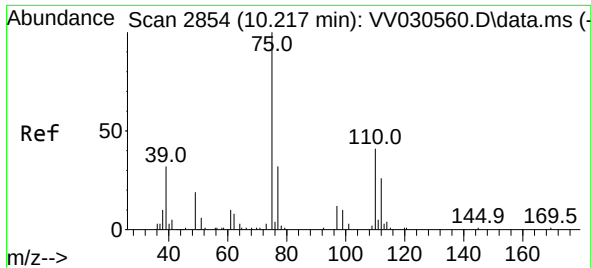
Tgt Ion:164 Resp: 43500
Ion Ratio Lower Upper
164 100
129 91.5 60.8 112.8
131 89.0 61.7 114.7
166 128.3 85.6 159.0



#49
Dibromochloromethane
Concen: 4.092 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. -0.273 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

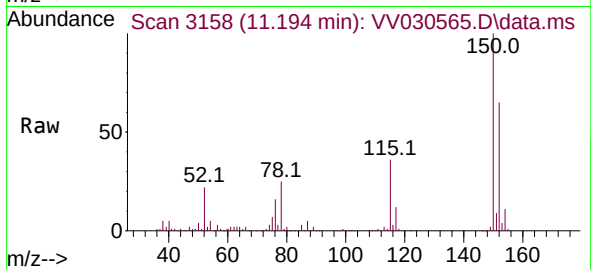
Tgt Ion:129 Resp: 36928
Ion Ratio Lower Upper
129 100
127 0.5 52.7 97.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.309 ug/L
 RT: 11.194 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV030565.D
 Acq: 14 Apr 2023 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	75	Resp:	6571
Ion	Ratio	Lower	Upper
75	100		
77	39.3	26.0	39.0#
110	3.4	31.6	47.4#

