

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030565.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)

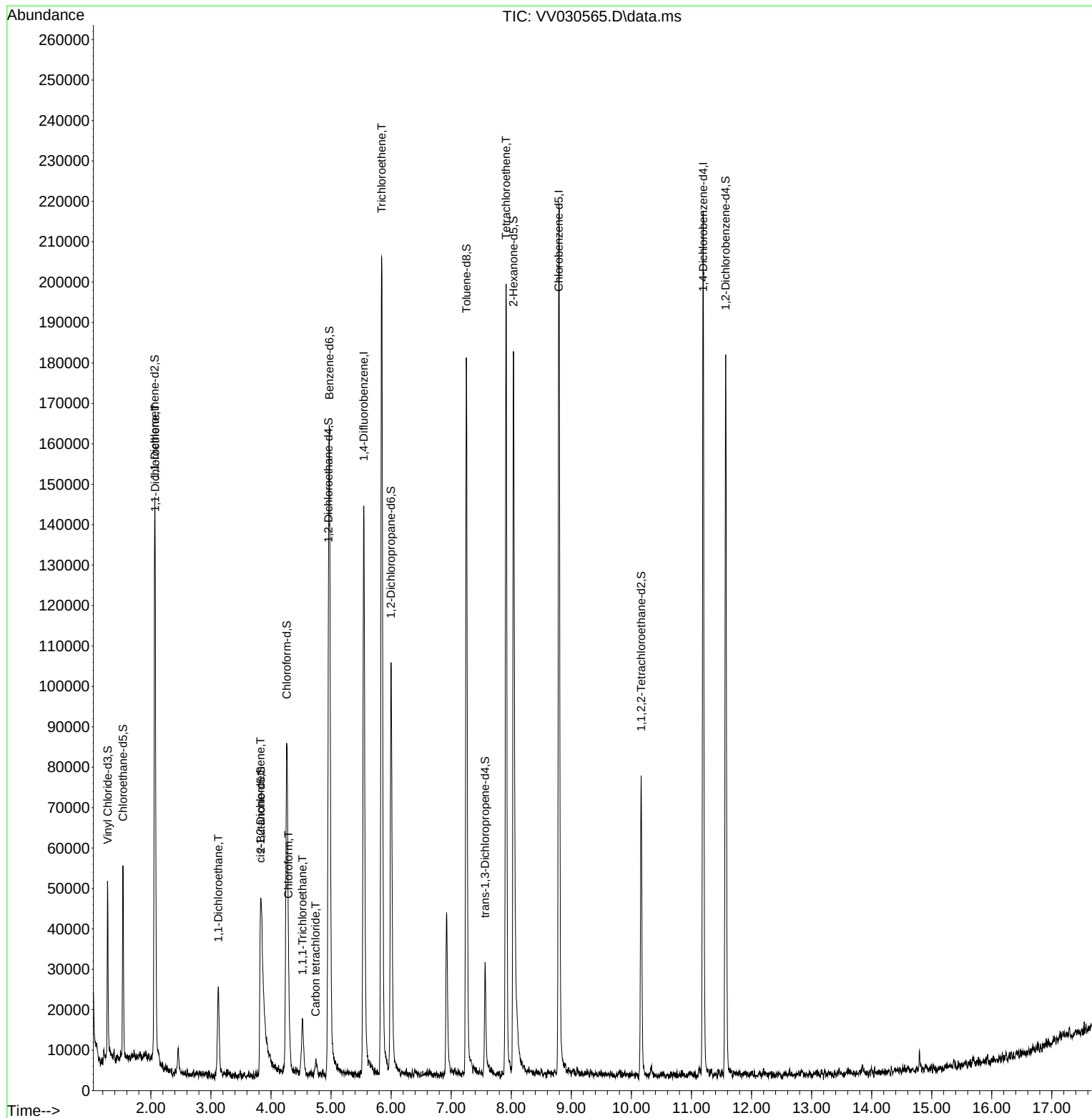
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	122348	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	118076	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	56147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	28544	3.523	ug/L	0.00
Spiked Amount	5.000	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	
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
47) Tetrachloroethene	7.915	164	43500	4.358	ug/L	96

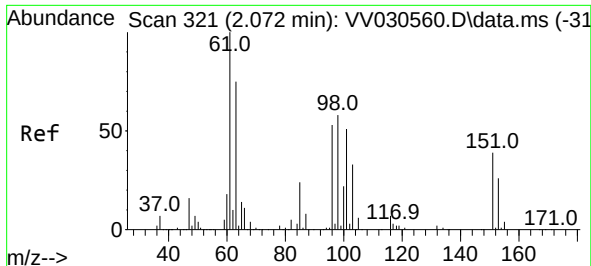
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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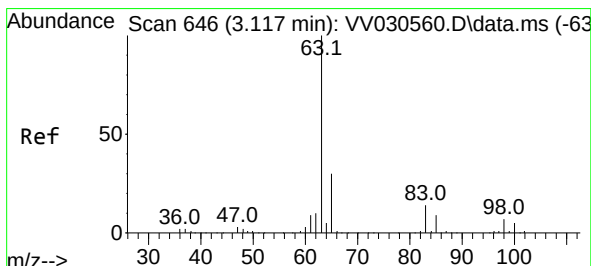
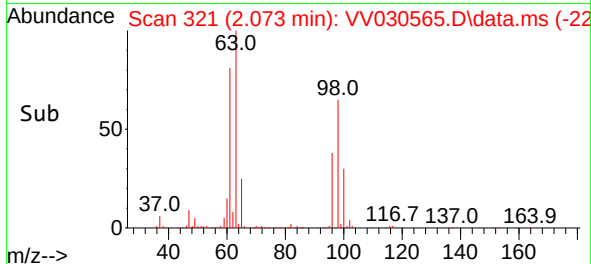
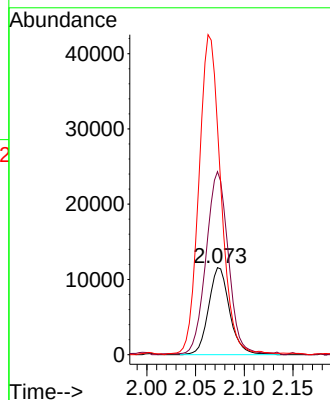
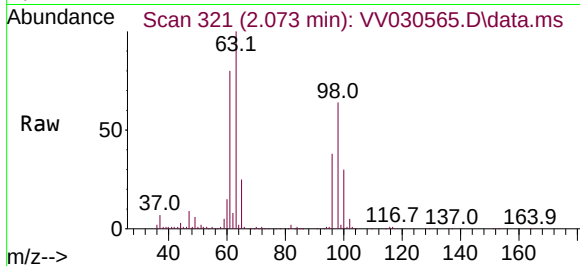




#12
1,1-Dichloroethene
Concen: 1.700 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV030565.D
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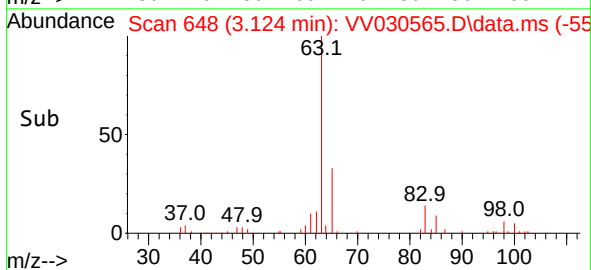
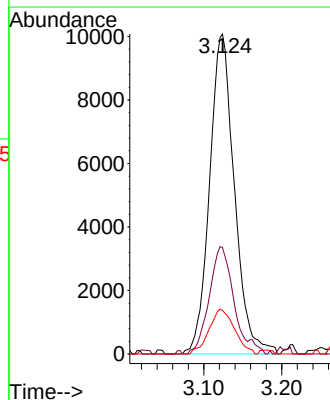
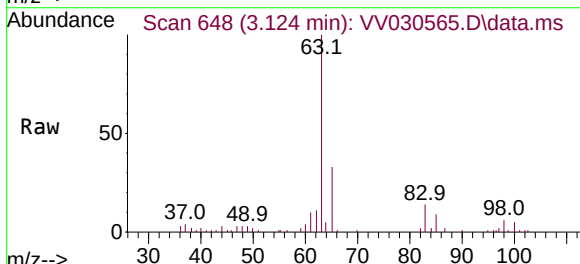
Instrument :
MSVOA_V
ClientSampleId :
BHE01DL

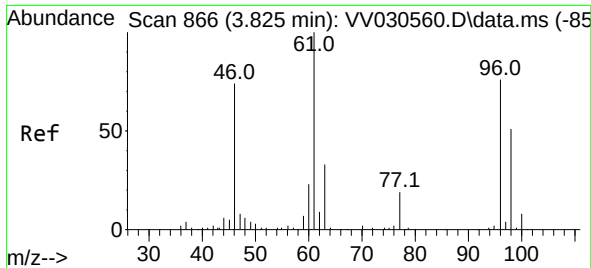
Tgt Ion: 96 Resp: 17379
Ion Ratio Lower Upper
96 100
61 210.2 136.3 253.1
63 261.7 92.1 171.1#



#19
1,1-Dichloroethane
Concen: 1.071 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.007 min
Lab File: VV030565.D
Acq: 14 Apr 2023 11:59

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

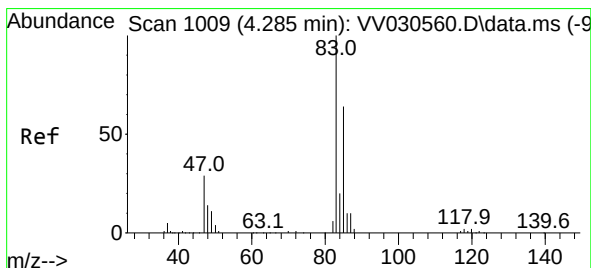
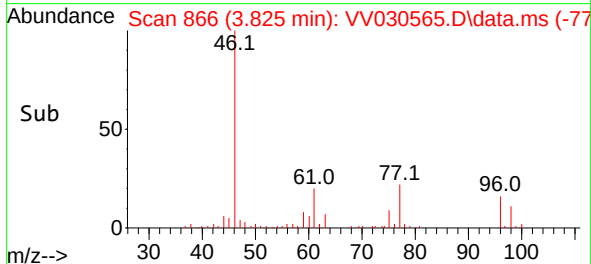
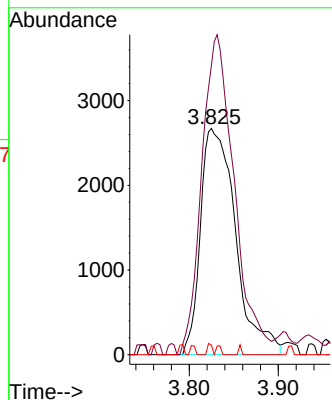
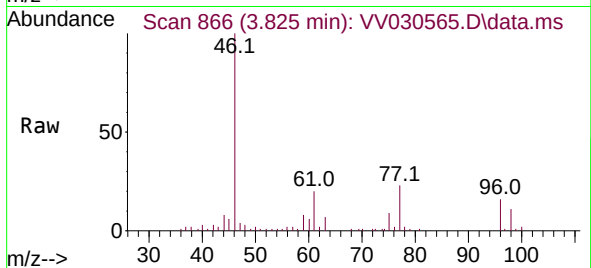




#22
 cis-1,2-Dichloroethene
 Concen: 0.679 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV030565.D
 Acq: 14 Apr 2023 11:59

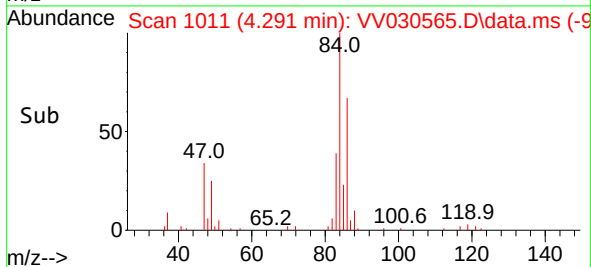
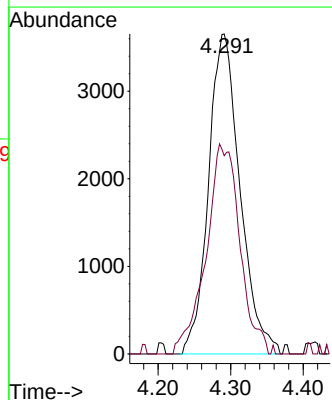
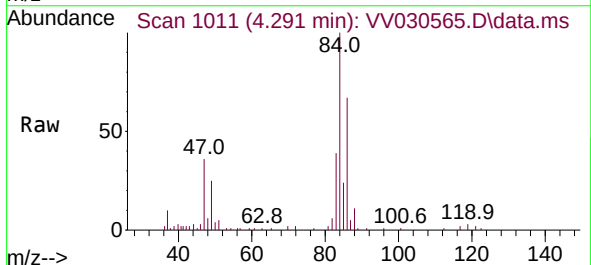
Instrument :
 MSVOA_V
 ClientSampleId :
 BHE01DL

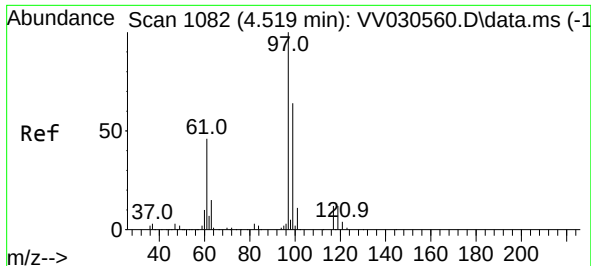
Tgt Ion: 96 Resp: 7337
 Ion Ratio Lower Upper
 96 100
 61 127.9 92.0 170.8
 68 4.2 0.0 0.0#



#25
 Chloroform
 Concen: 0.524 ug/L
 RT: 4.291 min Scan# 1011
 Delta R.T. 0.007 min
 Lab File: VV030565.D
 Acq: 14 Apr 2023 11:59

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

Instrument :

MSVOA_V

ClientSampleId :

BHE01DL

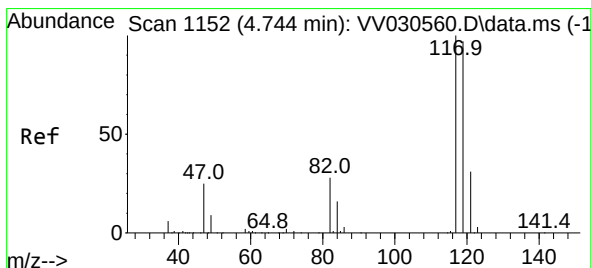
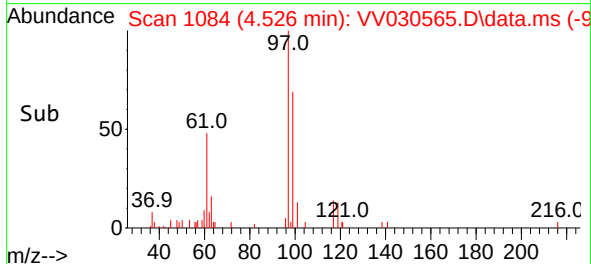
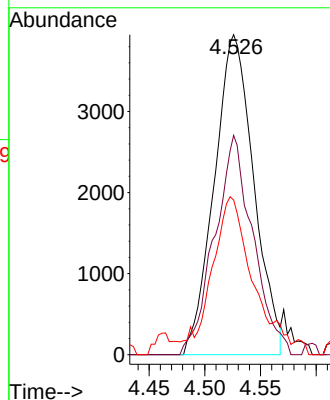
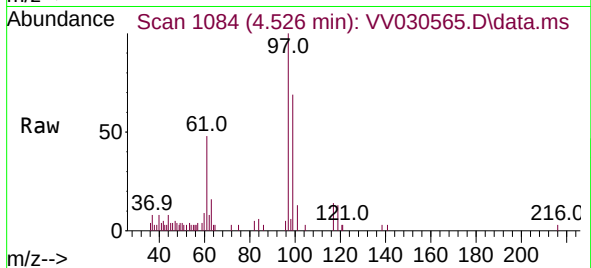
Tgt Ion: 97 Resp: 9737

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

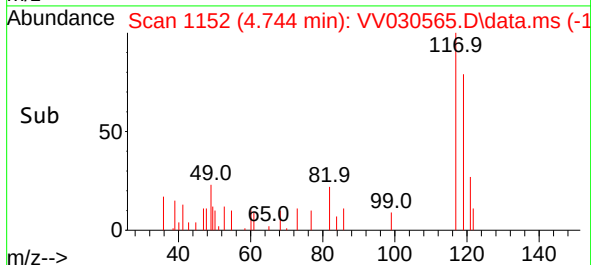
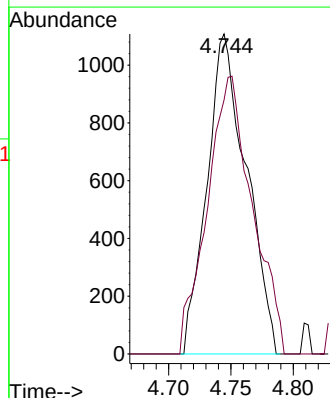
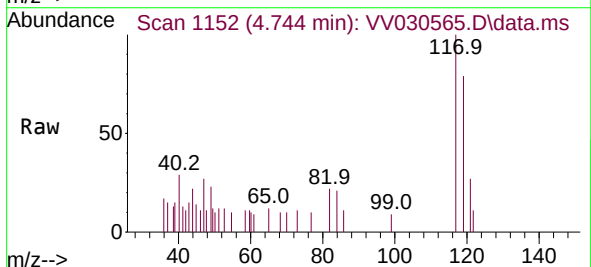
Acq: 14 Apr 2023 11:59

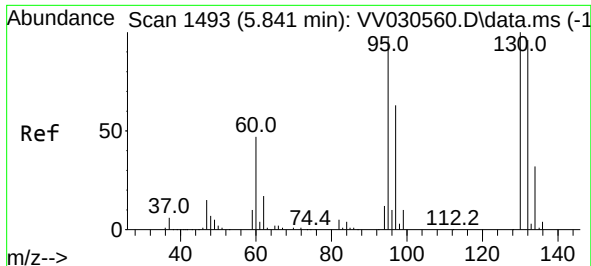
Tgt Ion: 117 Resp: 2441

Ion Ratio Lower Upper

117 100

119 98.9 76.2 114.4

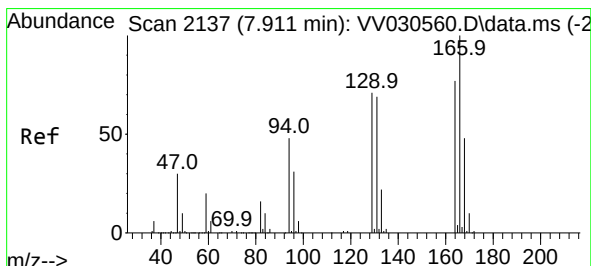
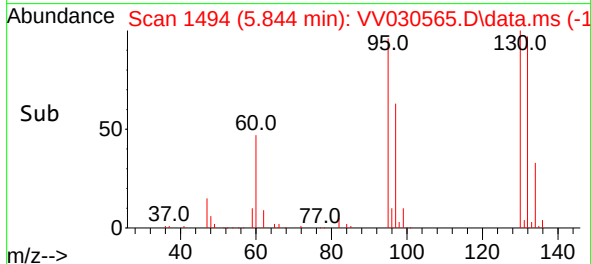
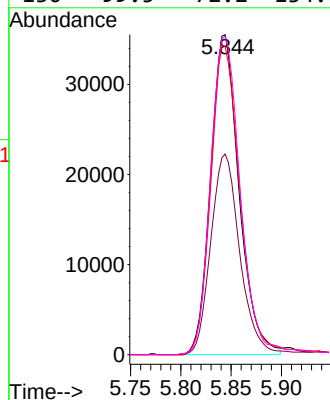
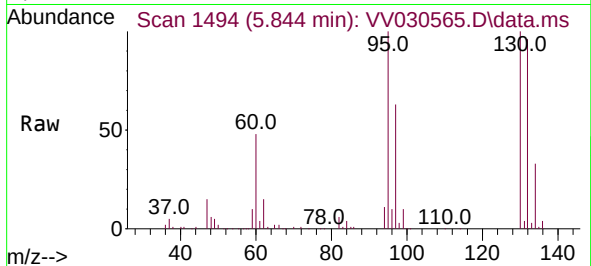




#34
 Trichloroethene
 Concen: 6.205 ug/L
 RT: 5.844 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV030565.D
 Acq: 14 Apr 2023 11:59

Instrument :
 MSVOA_V
 ClientSampleId :
 BHE01DL

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



#47
 Tetrachloroethene
 Concen: 4.358 ug/L
 RT: 7.915 min Scan# 2138
 Delta R.T. 0.003 min
 Lab File: VV030565.D
 Acq: 14 Apr 2023 11:59

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

