

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041023\
 Data File : VV030480.D
 Acq On : 10 Apr 2023 20:15
 Operator : SY/MD
 Sample : 02250-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDY3

Quant Time: Apr 11 06:32:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 11 06:24:59 2023
 Response via : Initial Calibration

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

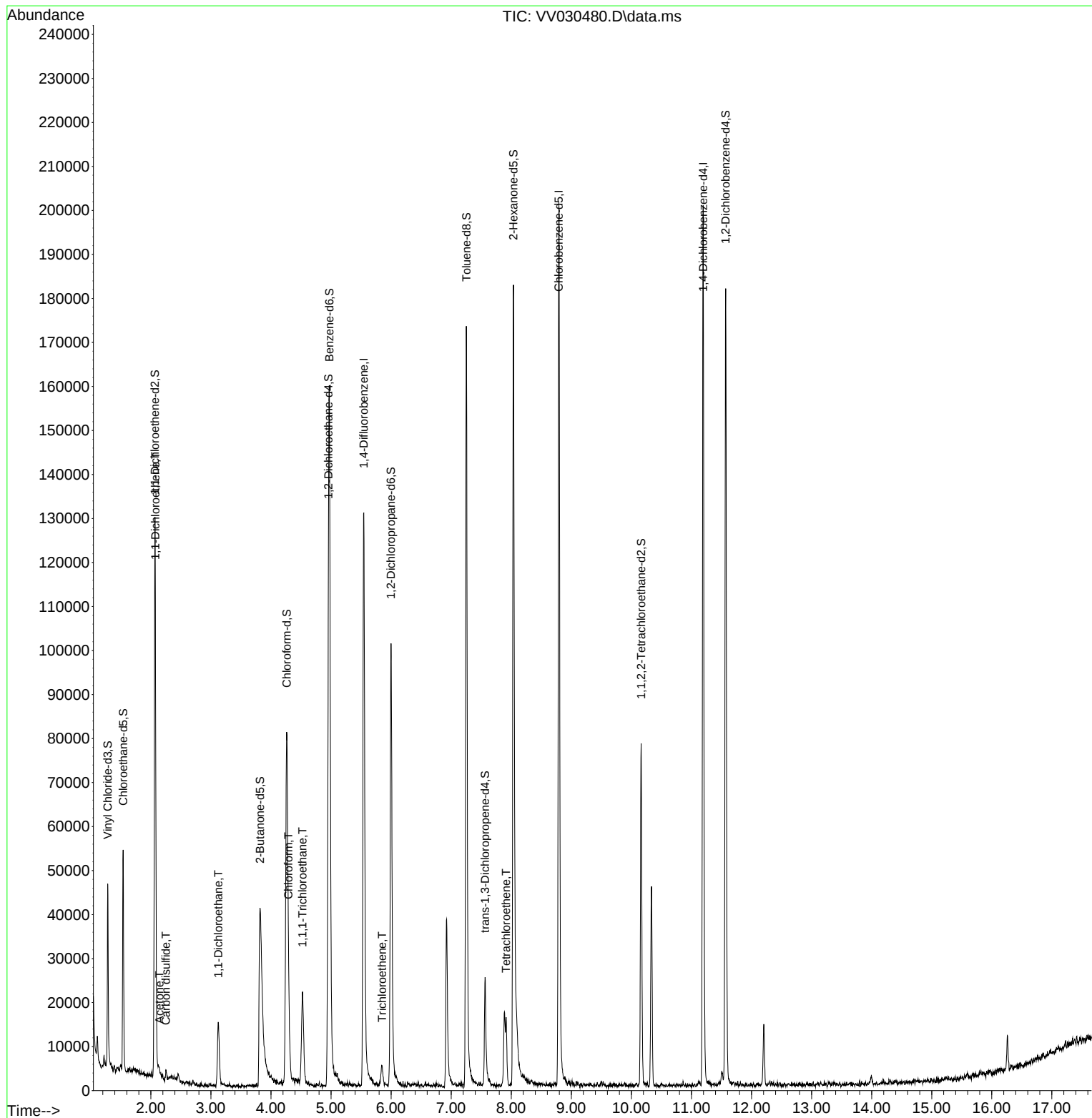
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	111537	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	111792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	54169	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26846	3.634	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.539	69	30565	4.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.066	63	58374	3.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.600%
20) 2-Butanone-d5	3.818	46	88101	46.142	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.280%
24) Chloroform-d	4.262	84	83270	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	4.957	65	42072	4.987	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.973	84	141692	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	5.998	67	45690	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.252	98	117803	4.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.564	79	14230	3.832	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.037	63	65189	43.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	33791	4.347	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.570	152	48053	4.963	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	16815	1.804	ug/L	# 70
13) Acetone	2.143	43	3565	1.953	ug/L	89
14) Carbon disulfide	2.249	76	3672	0.120	ug/L	99
19) 1,1-Dichloroethane	3.124	63	14545	0.764	ug/L	97
25) Chloroform	4.291	83	12833	0.667	ug/L	88
29) 1,1,1-Trichloroethane	4.526	97	16915	0.941	ug/L	99
34) Trichloroethene	5.850	95	1587	0.148	ug/L	77
47) Tetrachloroethene	7.915	164	3198	0.338	ug/L	88

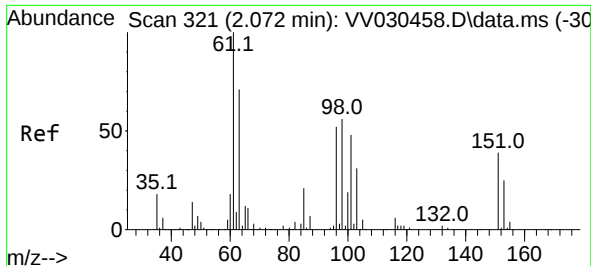
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.804 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

BHDY3

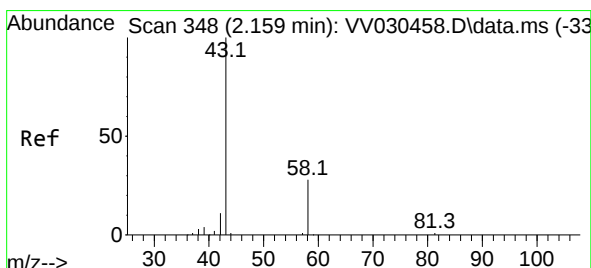
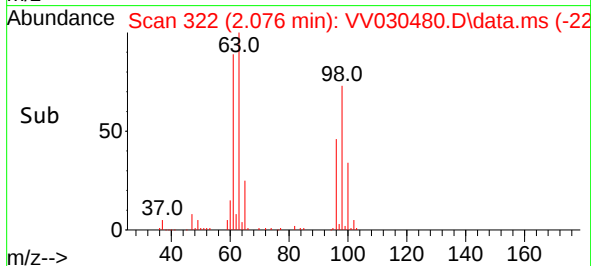
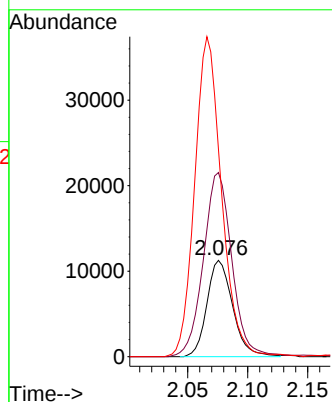
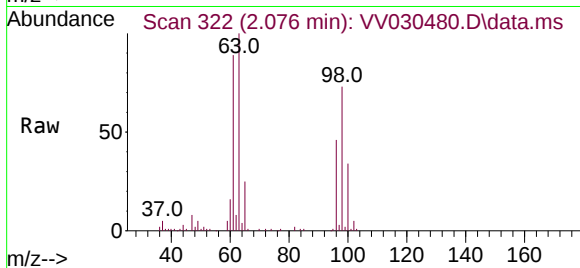
Tgt Ion: 96 Resp: 16815

Ion Ratio Lower Upper

96 100

61 191.1 136.3 253.1

63 215.4 92.1 171.1#



#13

Acetone

Concen: 1.953 ug/L

RT: 2.143 min Scan# 343

Delta R.T. -0.016 min

Lab File: VV030480.D

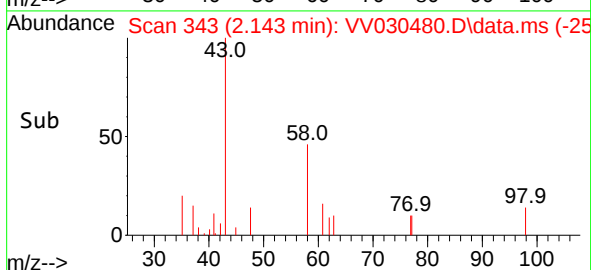
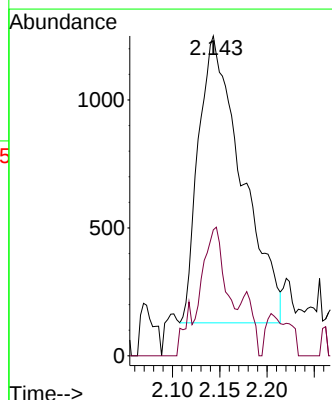
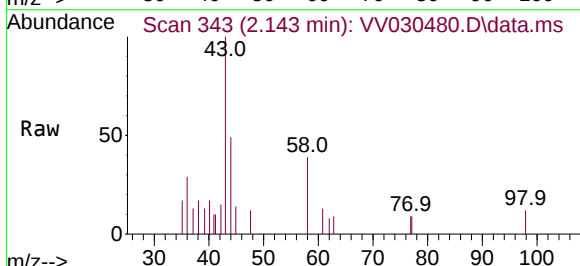
Acq: 10 Apr 2023 20:15

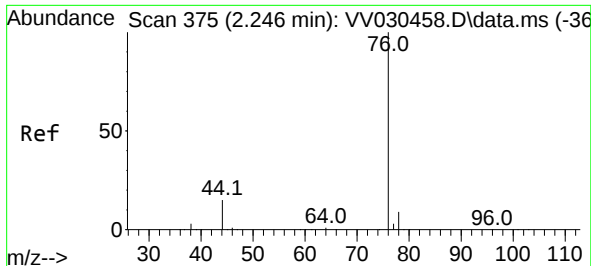
Tgt Ion: 43 Resp: 3565

Ion Ratio Lower Upper

43 100

58 25.4 0.0 40.8

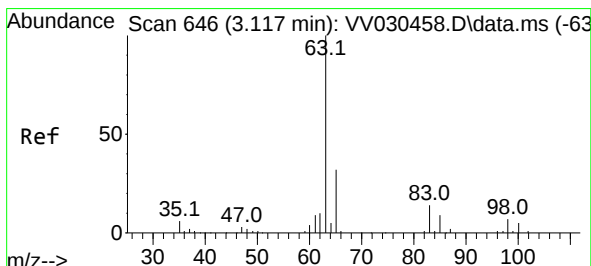
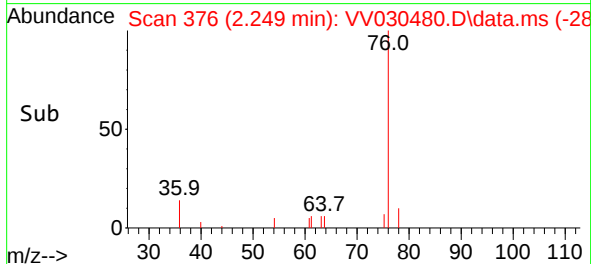
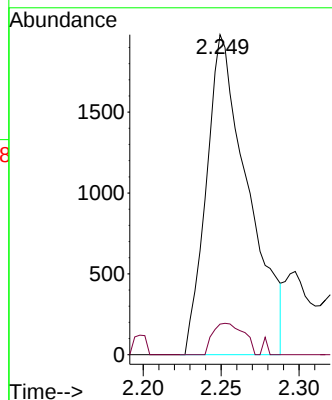
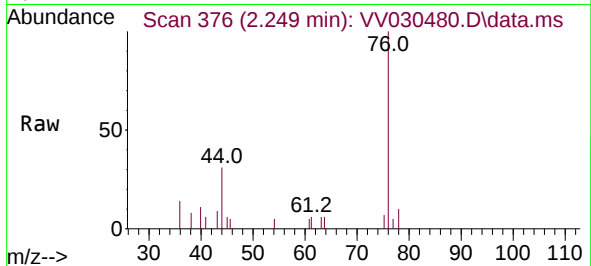




#14
Carbon disulfide
Concen: 0.120 ug/L
RT: 2.249 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

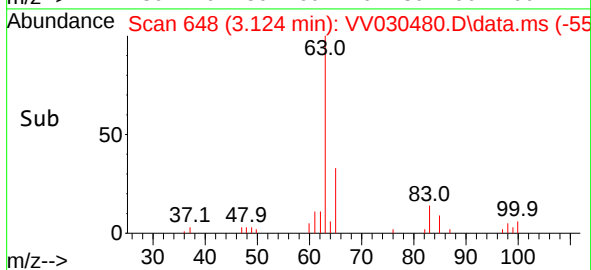
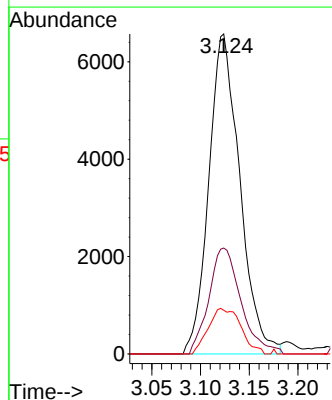
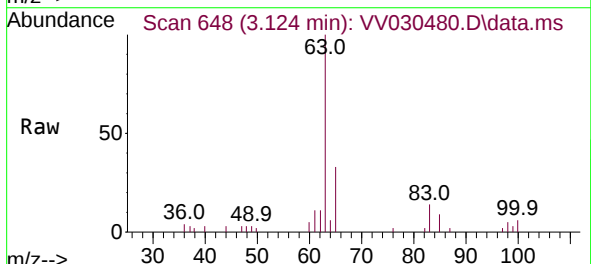
Instrument :
MSVOA_V
ClientSampleId :
BHDY3

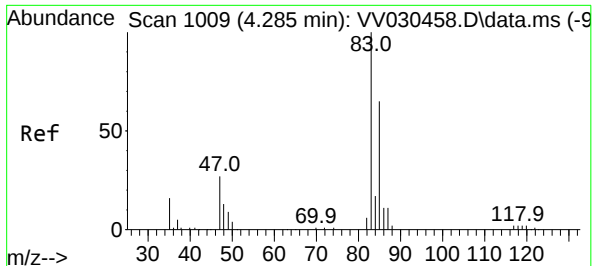
Tgt Ion: 76 Resp: 3672
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9



#19
1,1-Dichloroethane
Concen: 0.764 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.006 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion: 63 Resp: 14545
Ion Ratio Lower Upper
63 100
65 33.1 21.7 40.3
83 13.7 9.1 16.9





#25

Chloroform

Concen: 0.667 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

Instrument :

MSVOA_V

ClientSampleId :

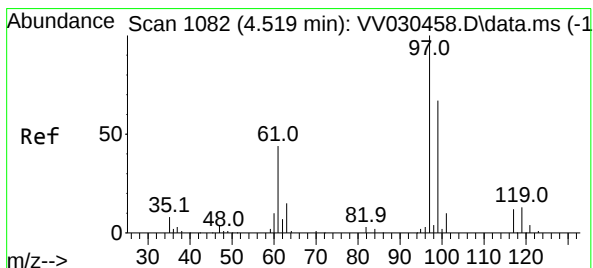
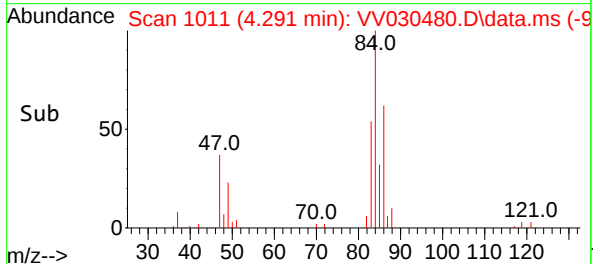
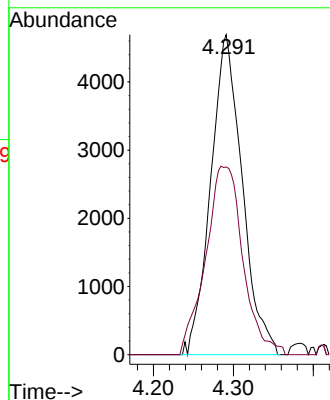
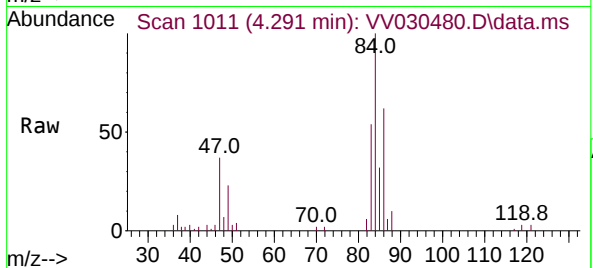
BHDY3

Tgt Ion: 83 Resp: 12833

Ion Ratio Lower Upper

83 100

85 58.6 47.6 88.4



#29

1,1,1-Trichloroethane

Concen: 0.941 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030480.D

Acq: 10 Apr 2023 20:15

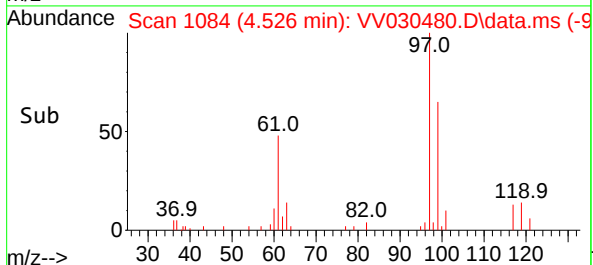
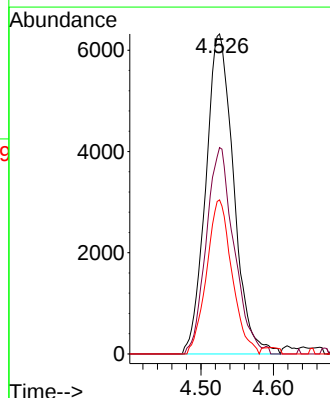
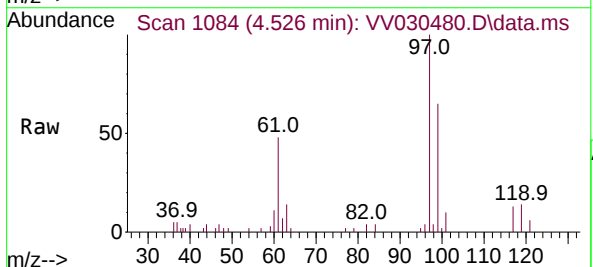
Tgt Ion: 97 Resp: 16915

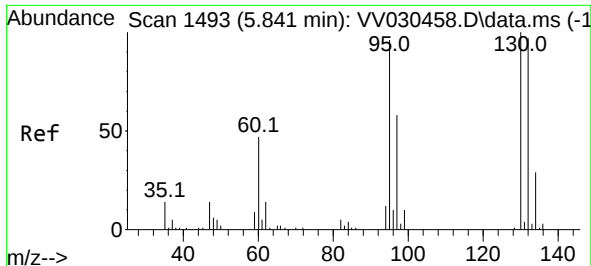
Ion Ratio Lower Upper

97 100

99 64.3 50.9 76.3

61 43.7 35.9 53.9

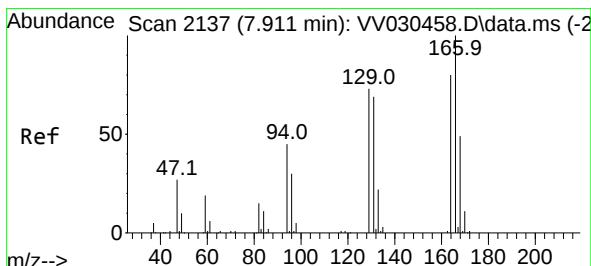
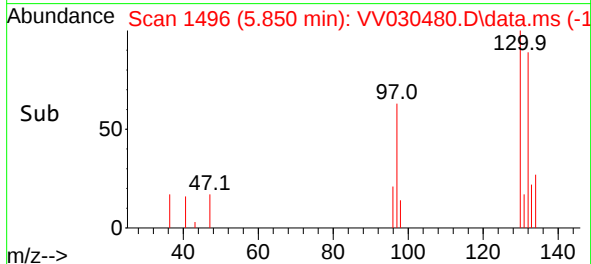
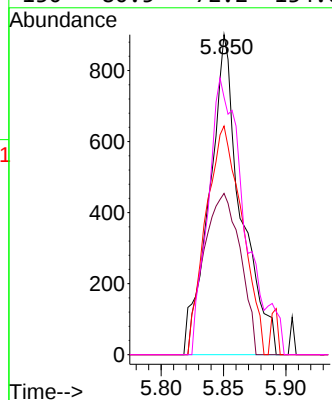
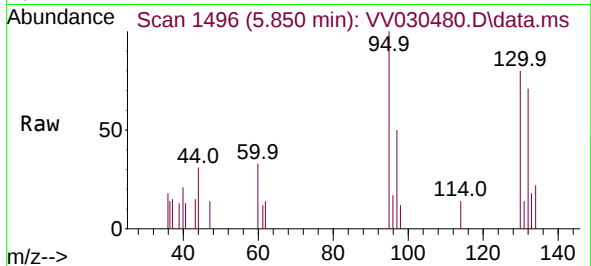




#34
Trichloroethene
Concen: 0.148 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.010 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Instrument :
MSVOA_V
ClientSampleId :
BHDY3

Tgt Ion: 95 Resp: 1587
Ion Ratio Lower Upper
95 100
97 50.4 44.2 82.2
132 71.5 69.5 129.1
130 80.5 72.2 134.0



#47
Tetrachloroethene
Concen: 0.338 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV030480.D
Acq: 10 Apr 2023 20:15

Tgt Ion: 164 Resp: 3198
Ion Ratio Lower Upper
164 100
129 100.1 60.8 112.8
131 94.9 61.7 114.7
166 139.1 85.6 159.0

