

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023506.D
 Acq On : 16 Nov 2021 00:43
 Operator : SY/MD
 Sample : M4617-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG220

Quant Time: Nov 16 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

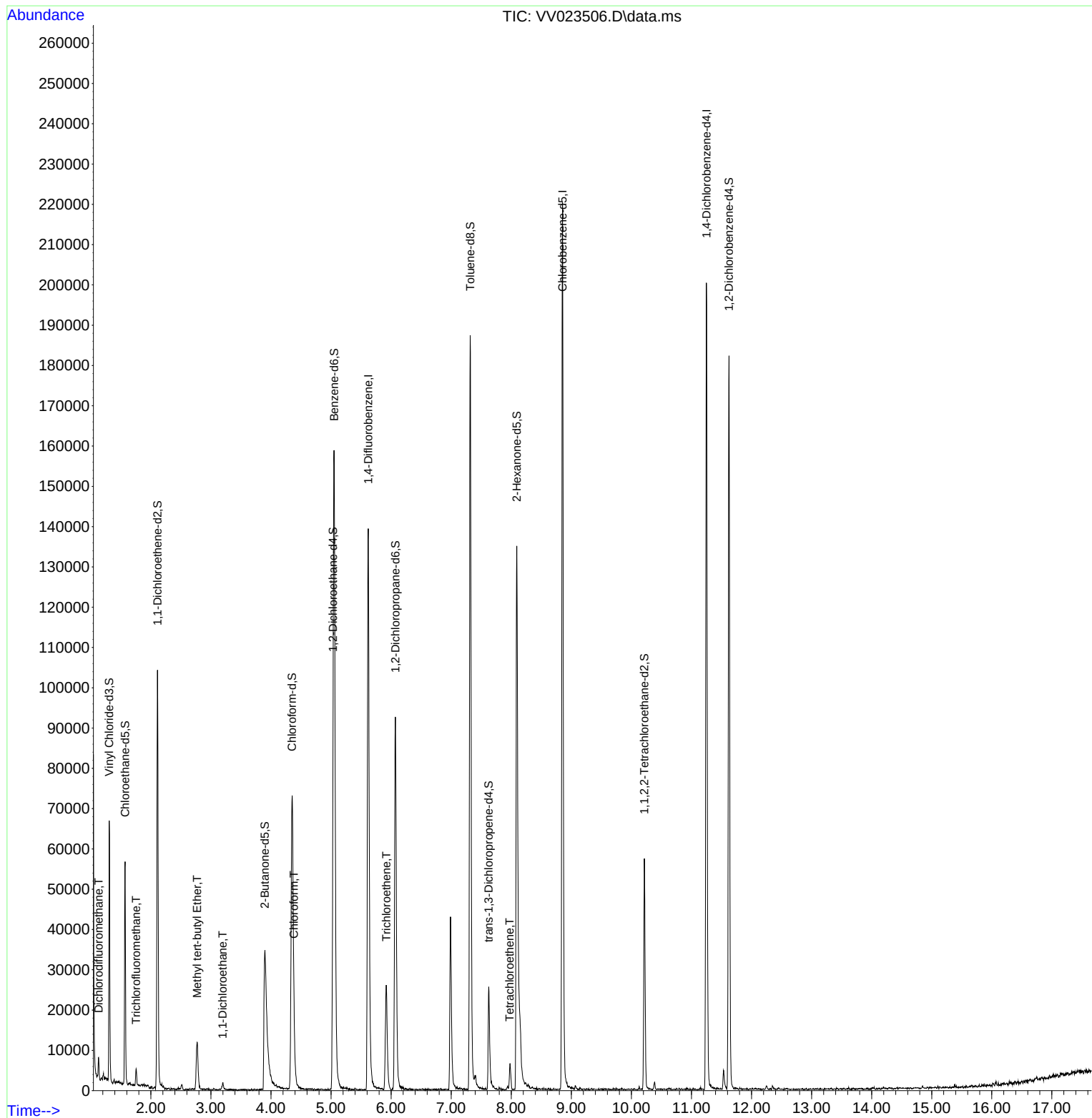
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124746	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	125048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56059	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39031	4.994	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.571	69	32478	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.111	63	53696	3.670	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.896	46	70086	52.056	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.120%
24) Chloroform-d	4.352	84	76250	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.034	65	36607	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	143445	4.471	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.072	67	44791	4.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.317	98	127087	4.227	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.625	79	15116	4.221	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.091	63	42751	32.444	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25436	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48303	5.175	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2822	0.232	ug/L	94
9) Trichlorofluoromethane	1.754	101	2398	0.155	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	11493	0.702	ug/L	97
19) 1,1-Dichloroethane	3.195	63	2066	0.134	ug/L	94
25) Chloroform	4.381	83	9234	0.561	ug/L	95
34) Trichloroethene	5.921	95	8188	0.881	ug/L	95
47) Tetrachloroethene	7.976	164	1518	0.188	ug/L	98

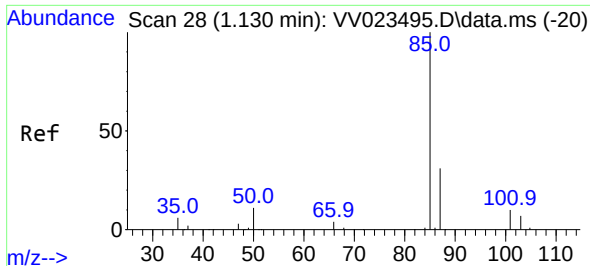
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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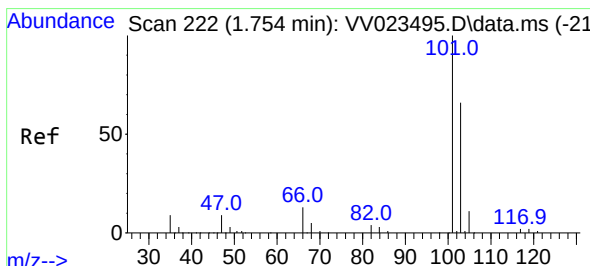
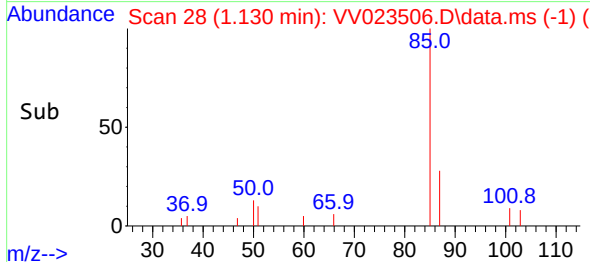
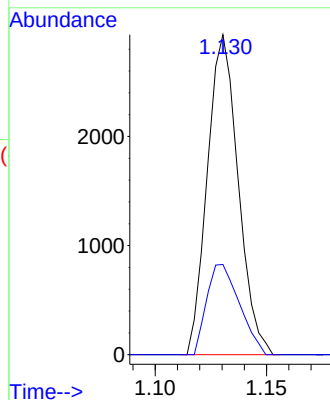
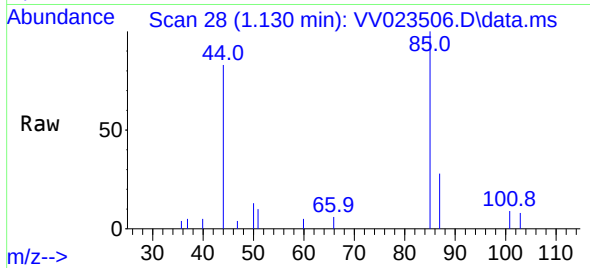




#2
 Dichlorodifluoromethane
 Concen: 0.232 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV023506.D
 Acq: 16 Nov 2021 00:43

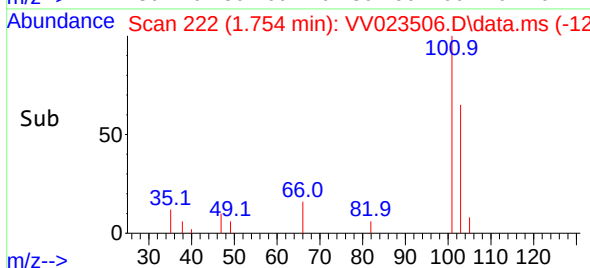
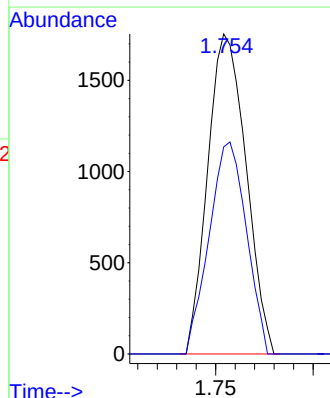
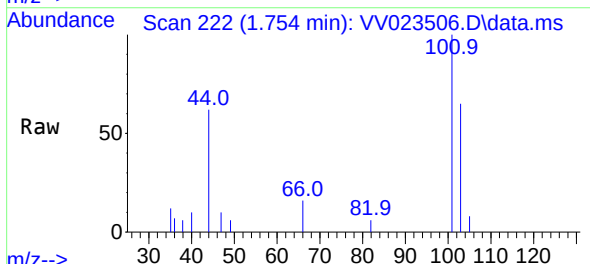
Instrument :
 MSVOA_V
 ClientSampleId :
 BG220

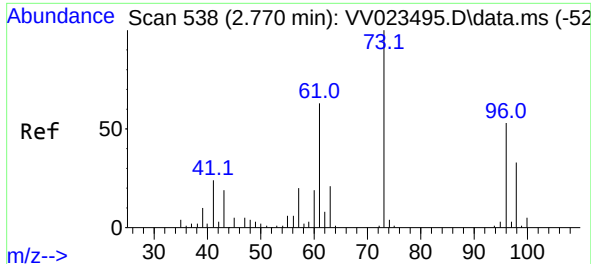
Tgt Ion: 85 Resp: 2822
 Ion Ratio Lower Upper
 85 100
 87 29.9 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 0.155 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. -0.000 min
 Lab File: VV023506.D
 Acq: 16 Nov 2021 00:43

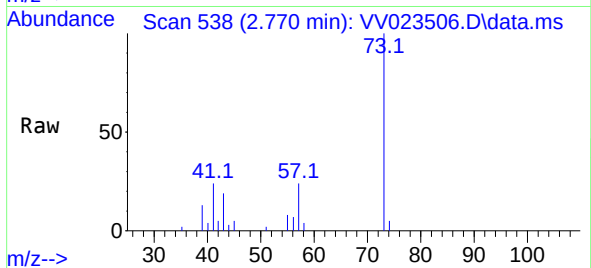
Tgt Ion: 101 Resp: 2398
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.6 79.0



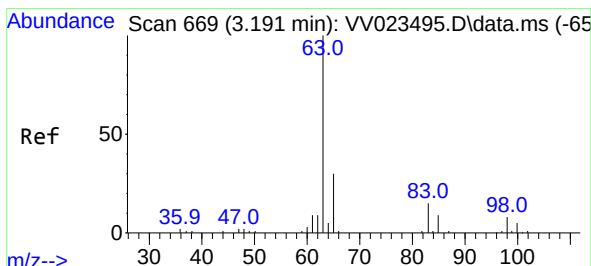
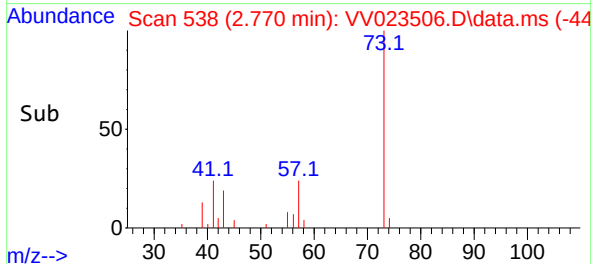
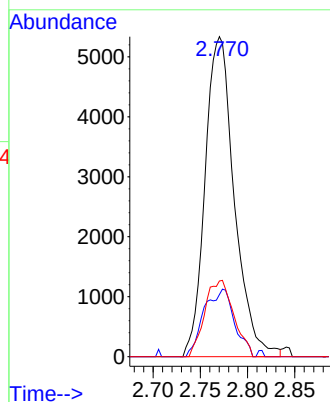


#17
Methyl tert-butyl Ether
Concen: 0.702 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023506.D
Acq: 16 Nov 2021 00:43

Instrument :
MSVOA_V
ClientSampleId :
BG220

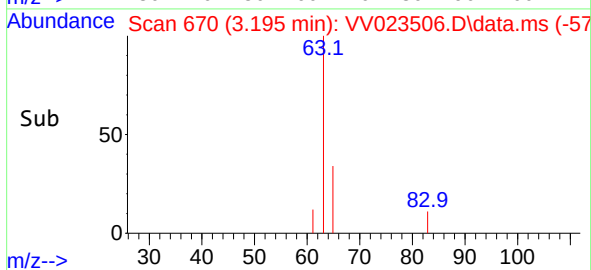
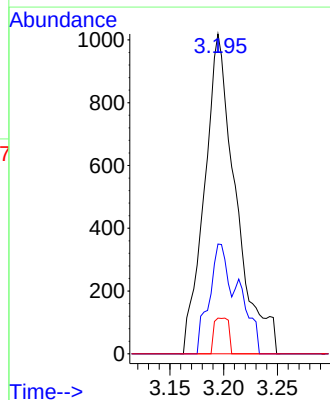
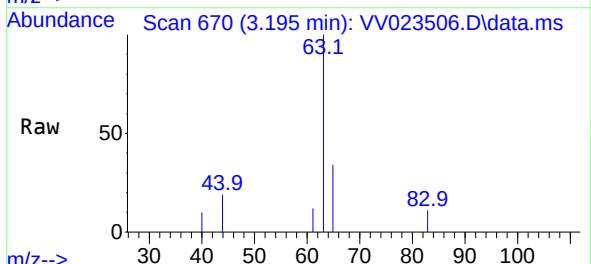


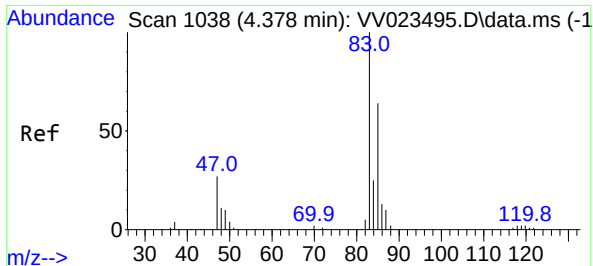
Tgt Ion: 73 Resp: 11493
Ion Ratio Lower Upper
73 100
43 21.9 17.4 26.0
57 23.6 16.5 24.7



#19
1,1-Dichloroethane
Concen: 0.134 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023506.D
Acq: 16 Nov 2021 00:43

Tgt Ion: 63 Resp: 2066
Ion Ratio Lower Upper
63 100
65 34.3 22.6 42.0
83 11.2 11.1 20.7





#25

Chloroform

Concen: 0.561 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV023506.D

Acq: 16 Nov 2021 00:43

Instrument :

MSVOA_V

ClientSampleId :

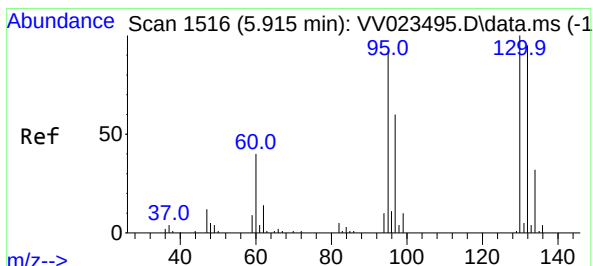
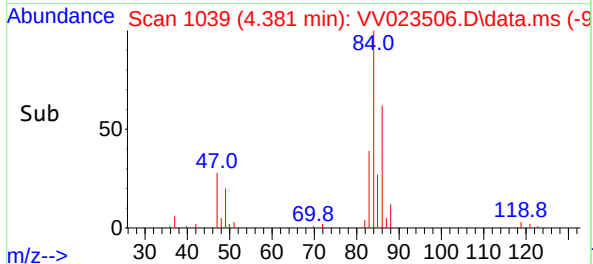
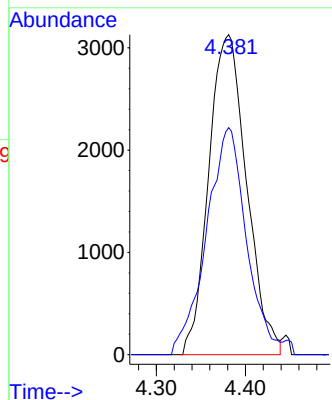
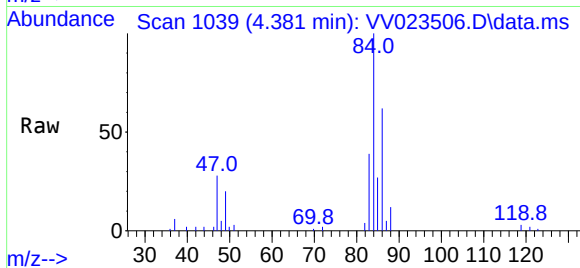
BG220

Tgt Ion: 83 Resp: 9234

Ion Ratio Lower Upper

83 100

85 70.9 46.8 86.8



#34

Trichloroethene

Concen: 0.881 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023506.D

Acq: 16 Nov 2021 00:43

Tgt Ion: 95 Resp: 8188

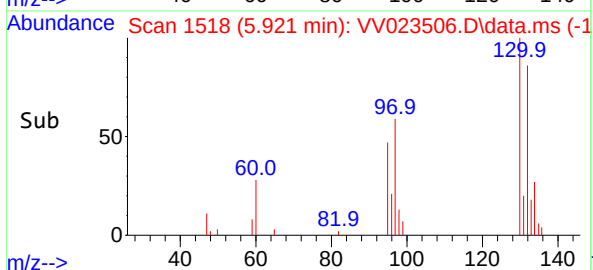
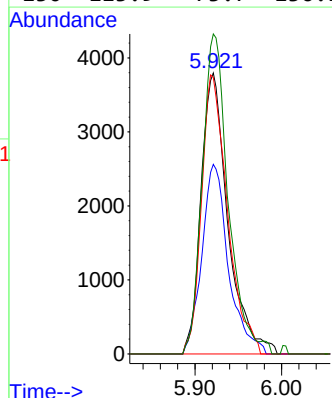
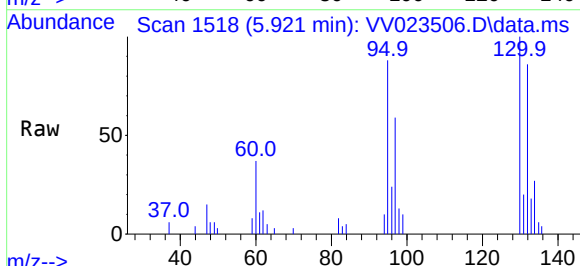
Ion Ratio Lower Upper

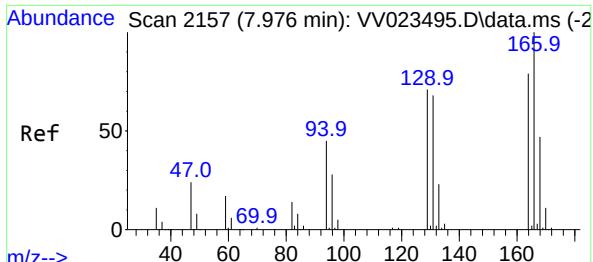
95 100

97 67.5 45.0 83.6

132 98.4 69.7 129.4

130 113.9 73.7 136.9





#47
Tetrachloroethene
Concen: 0.188 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023506.D
Acq: 16 Nov 2021 00:43

Instrument :
MSVOA_V
ClientSampleId :
BG220

Tgt Ion:164 Resp: 1518

Ion	Ratio	Lower	Upper
164	100		
129	89.2	64.0	119.0
131	93.6	63.4	117.8
166	129.3	89.3	165.9

