

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023546.D
 Acq On : 16 Nov 2021 20:01
 Operator : SY/MD
 Sample : M4616-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG205

Quant Time: Nov 17 00:55:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 00:48:57 2021
 Response via : Initial Calibration

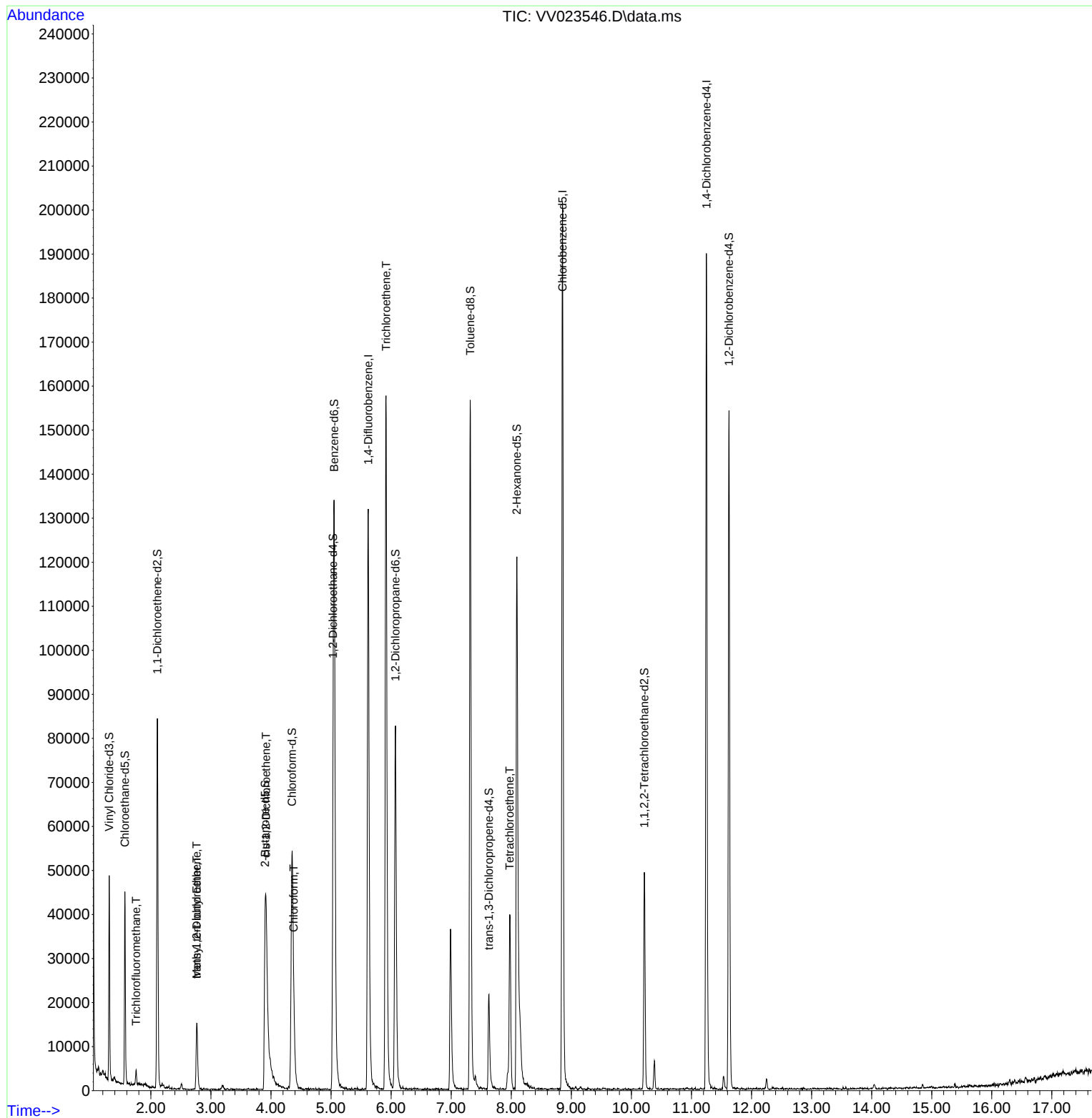
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117757	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	116078	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52529	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28937	3.923	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.400%	
7) Chloroethane-d5	1.568	69	25664	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.108	63	43089	3.120	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	62.400%	
20) 2-Butanone-d5	3.902	46	63402	49.886	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.780%	
24) Chloroform-d	4.352	84	54097	3.441	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.800%#	
26) 1,2-Dichloroethane-d4	5.034	65	32097	4.540	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.800%	
32) Benzene-d6	5.053	84	121953	4.095	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.072	67	38101	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.317	98	104283	3.736	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.628	79	13230	3.980	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.600%	
46) 2-Hexanone-d5	8.091	63	40779	33.339	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	66.680%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23234	3.685	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	73.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	41878	4.788	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.800%	
Target Compounds						
9) Trichlorofluoromethane	1.754	101	1620	0.111	ug/L	89
17) Methyl tert-butyl Ether	2.764	73	3381	0.219	ug/L #	76
18) trans-1,2-Dichloroethene	2.764	96	4744	0.550	ug/L	97
22) cis-1,2-Dichloroethene	3.918	96	13088	1.575	ug/L #	88
25) Chloroform	4.378	83	12028	0.774	ug/L	98
34) Trichloroethene	5.915	95	52535	6.089	ug/L	96
47) Tetrachloroethene	7.976	164	9777	1.308	ug/L	96

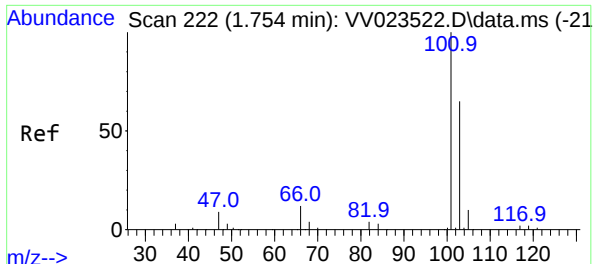
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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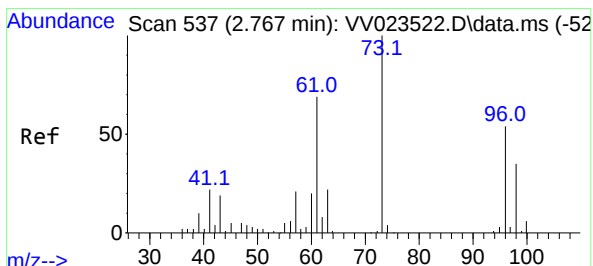
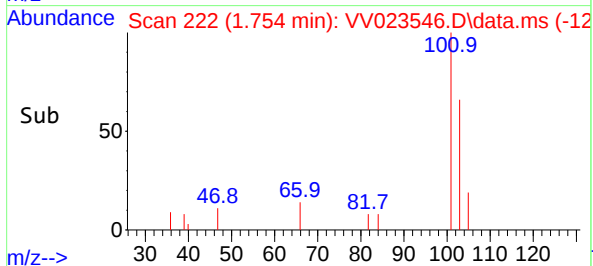
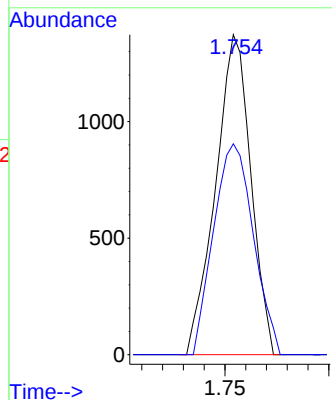
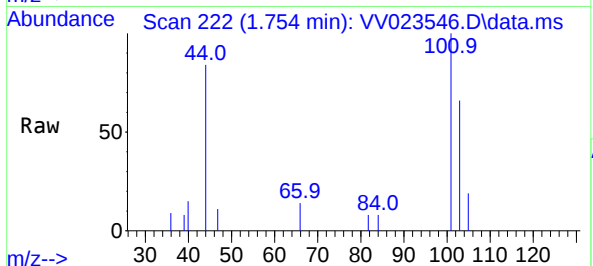




#9
Trichlorofluoromethane
Concen: 0.111 ug/L
RT: 1.754 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

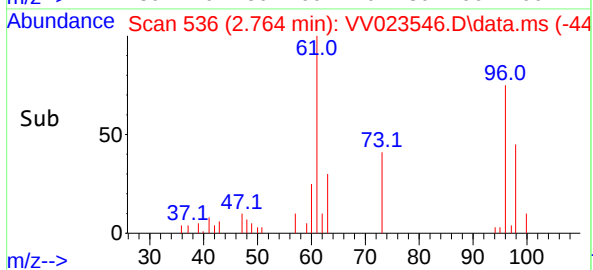
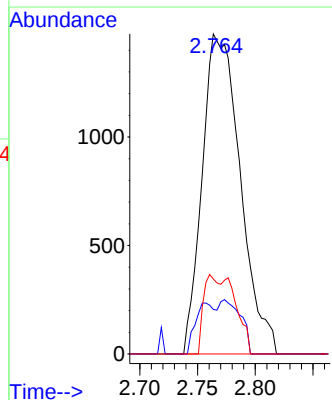
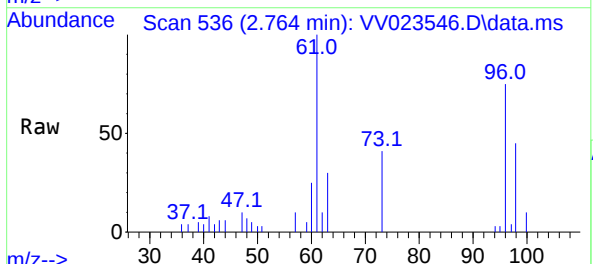
Instrument :
MSVOA_V
ClientSampleId :
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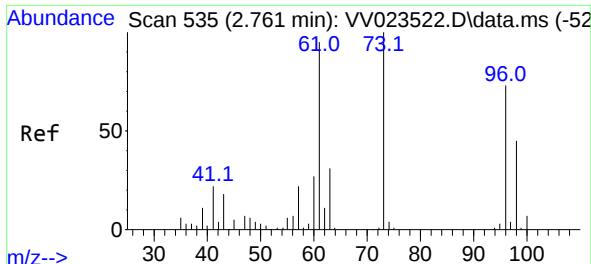
Tgt Ion:101 Resp: 1620
Ion Ratio Lower Upper
101 100
103 74.3 52.6 79.0



#17
Methyl tert-butyl Ether
Concen: 0.219 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion: 73 Resp: 3381
Ion Ratio Lower Upper
73 100
43 8.7 17.4 26.0#
57 10.9 16.5 24.7#

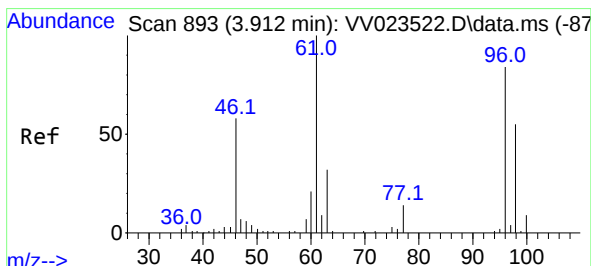
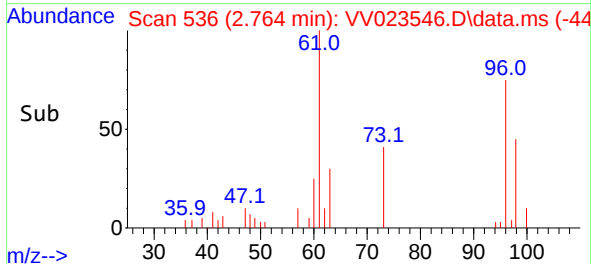
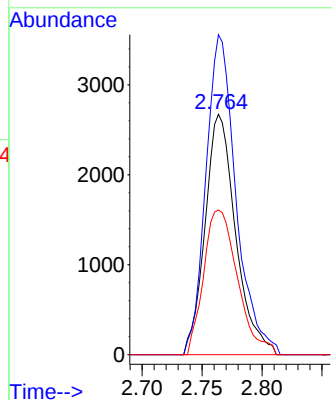
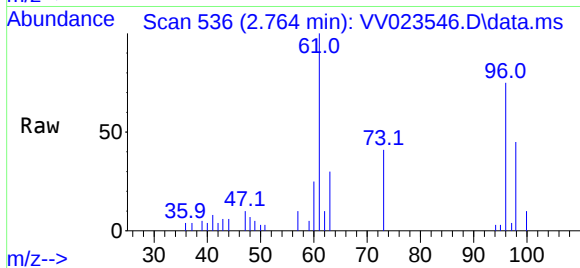




#18
trans-1,2-Dichloroethene
Concen: 0.550 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

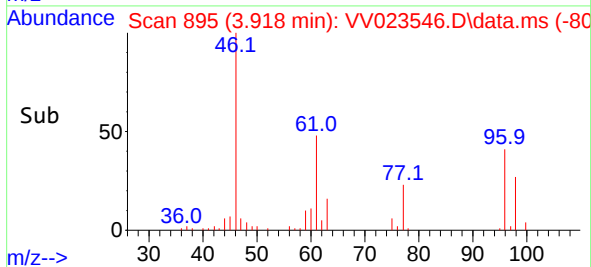
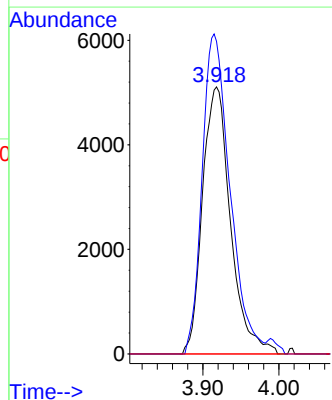
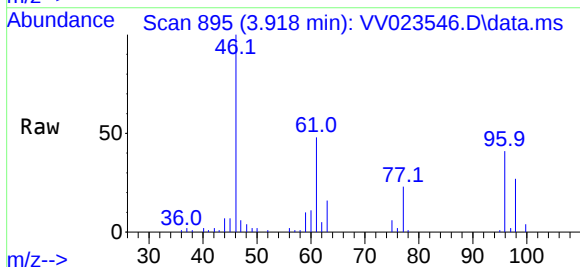
Instrument :
MSVOA_V
ClientSampleId :
BG205

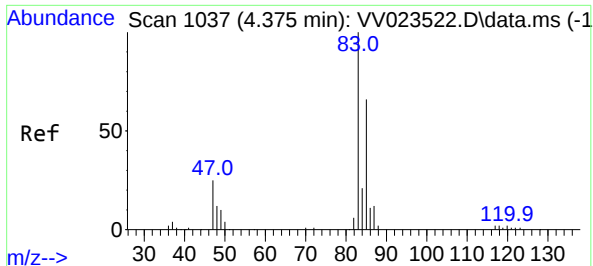
Tgt Ion: 96 Resp: 4744
Ion Ratio Lower Upper
96 100
61 133.1 93.2 173.2
98 60.2 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 1.575 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.006 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Tgt Ion: 96 Resp: 13088
Ion Ratio Lower Upper
96 100
61 117.1 92.3 171.3
68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.774 ug/L

RT: 4.378 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

Instrument :

MSVOA_V

ClientSampleId :

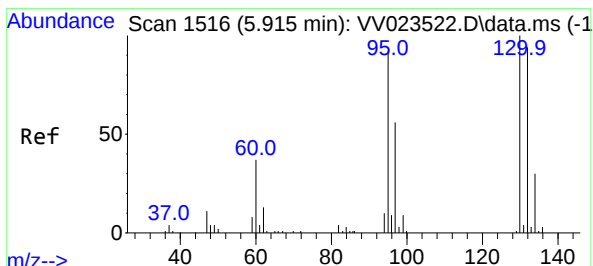
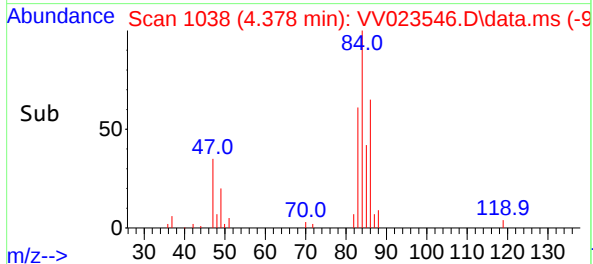
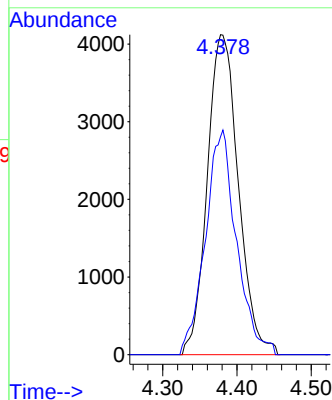
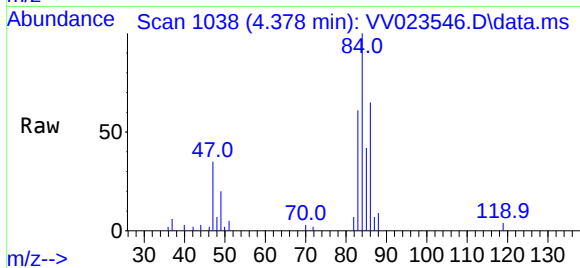
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Tgt Ion: 83 Resp: 12028

Ion Ratio Lower Upper

83 100

85 68.1 46.8 86.8



#34

Trichloroethene

Concen: 6.089 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VV023546.D

Acq: 16 Nov 2021 20:01

Tgt Ion: 95 Resp: 52535

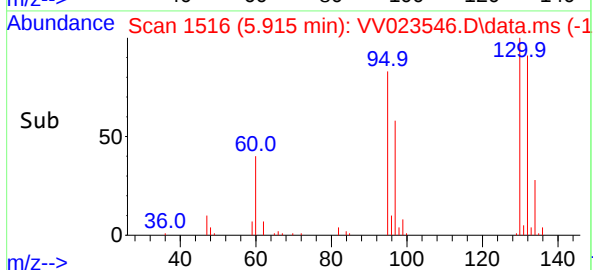
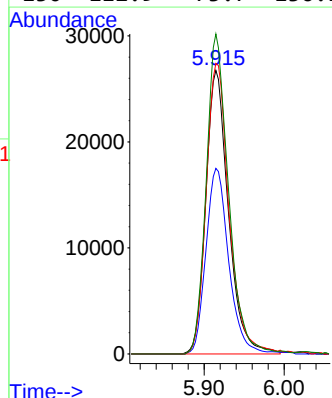
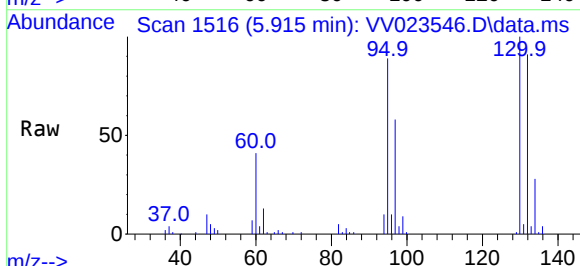
Ion Ratio Lower Upper

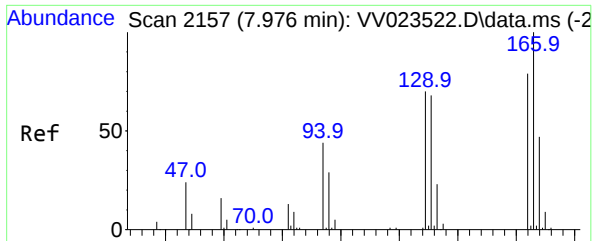
95 100

97 65.5 45.0 83.6

132 102.5 69.7 129.4

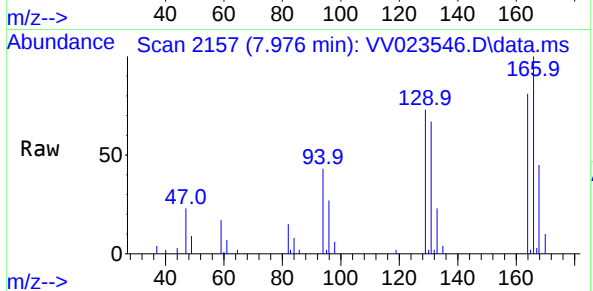
130 112.9 73.7 136.9





#47
Tetrachloroethene
Concen: 1.308 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV023546.D
Acq: 16 Nov 2021 20:01

Instrument :
MSVOA_V
ClientSampleId :
BG205



Tgt Ion:164 Resp: 9777

Ion	Ratio	Lower	Upper
164	100		
129	90.8	64.0	119.0
131	83.1	63.4	117.8
166	123.8	89.3	165.9

