

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023531.D
 Acq On : 16 Nov 2021 14:00
 Operator : SY/MD
 Sample : M4617-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG219

Quant Time: Nov 17 00:52:13 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)

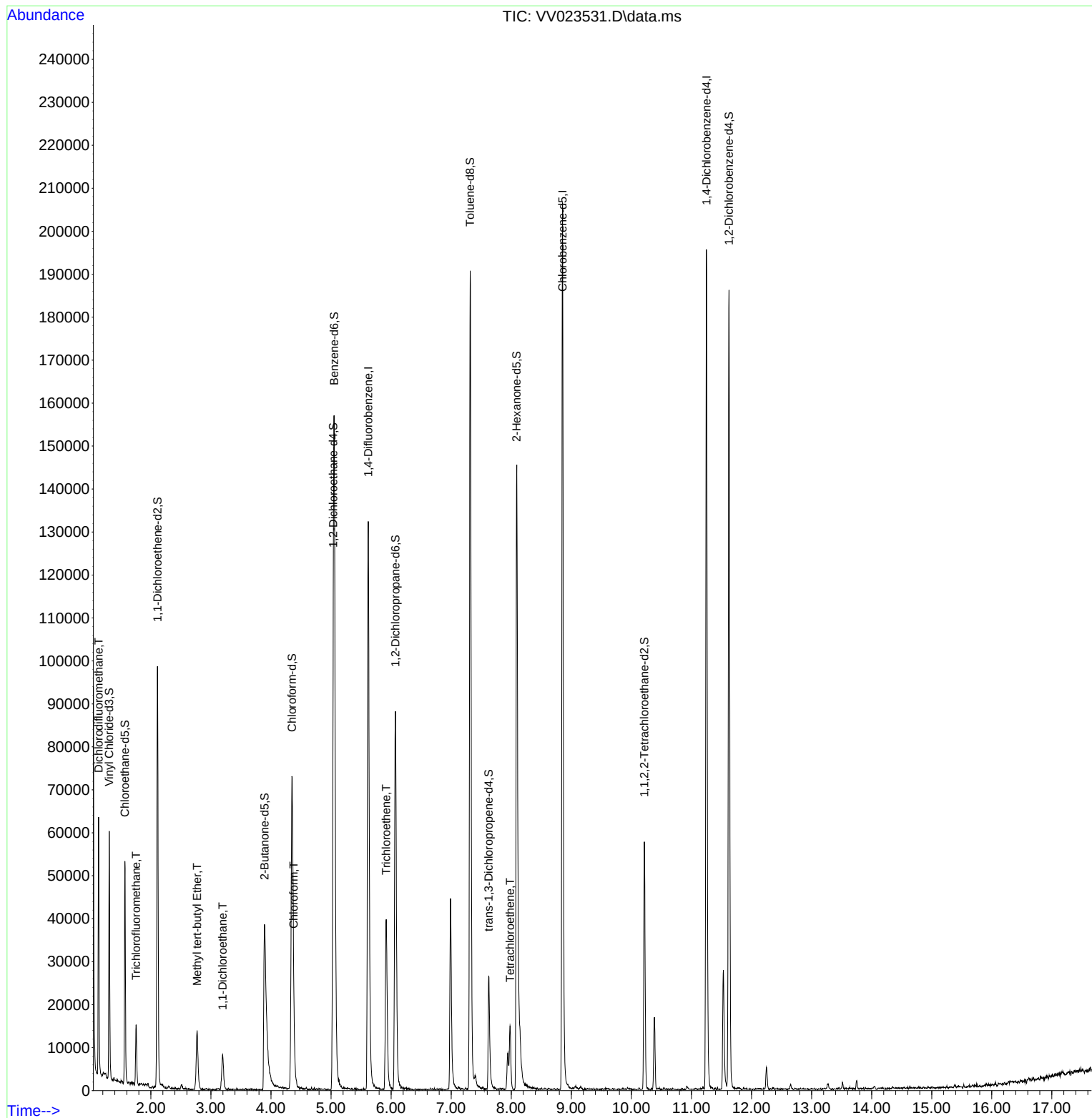
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119512	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	115526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36276	4.845	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.568	69	30067	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.111	63	50769	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.892	46	73918	57.307	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.620%
24) Chloroform-d	4.349	84	72798	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.037	65	35525	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.053	84	142295	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.072	67	43028	4.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.317	98	127949	4.606	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.625	79	16001	4.836	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.088	63	47032	38.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25805	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	50361	5.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	31140	2.672	ug/L	99
9) Trichlorofluoromethane	1.754	101	7616	0.512	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	13666	0.871	ug/L	97
19) 1,1-Dichloroethane	3.195	63	8383	0.567	ug/L	97
25) Chloroform	4.378	83	6410	0.407	ug/L	92
34) Trichloroethene	5.918	95	12965	1.510	ug/L	96
47) Tetrachloroethene	7.982	164	3802	0.511	ug/L	86

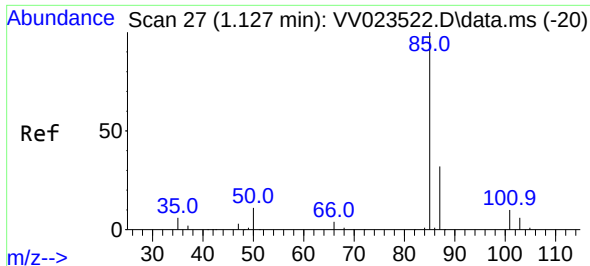
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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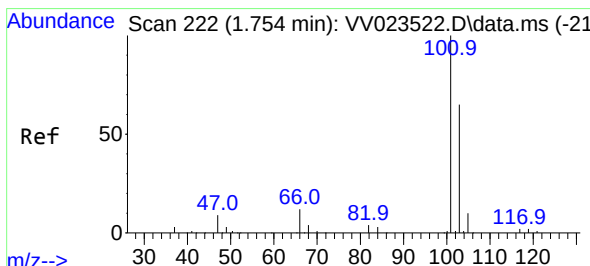
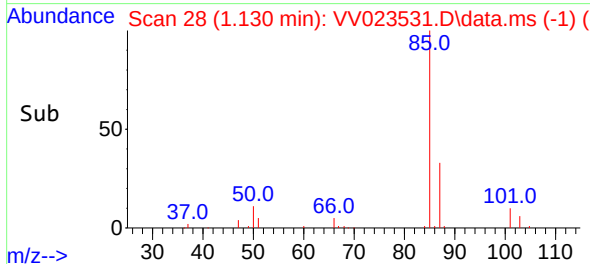
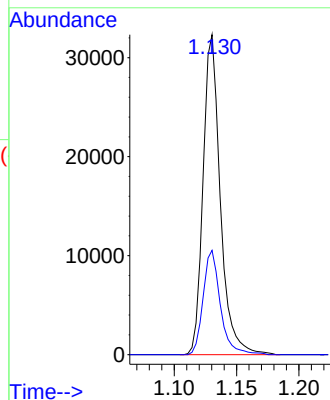
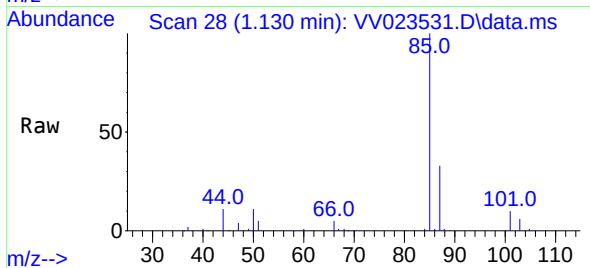




#2
Dichlorodifluoromethane
Concen: 2.672 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023531.D
Acq: 16 Nov 2021 14:00

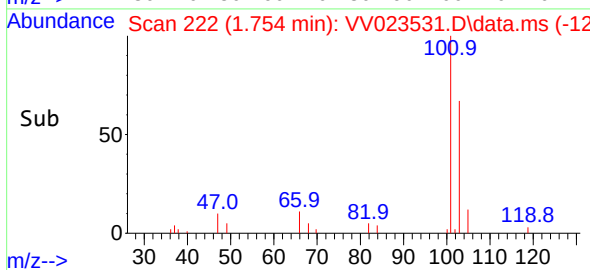
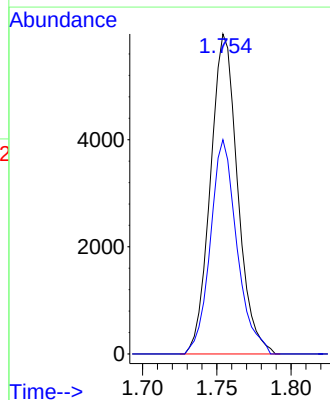
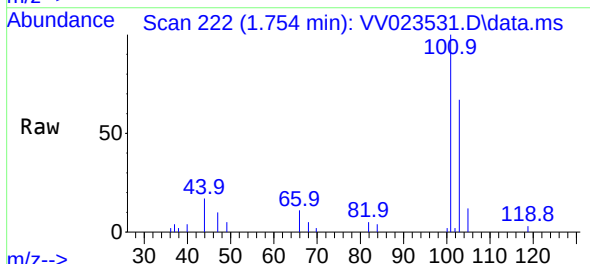
Instrument :
MSVOA_V
ClientSampleId :
BG219

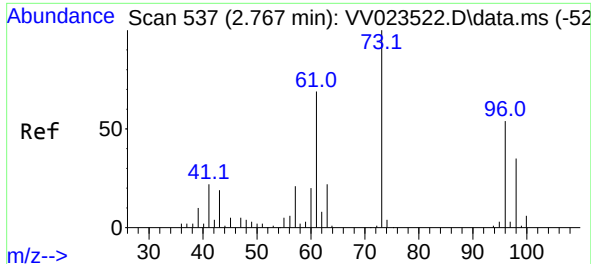
Tgt Ion: 85 Resp: 31140
Ion Ratio Lower Upper
85 100
87 32.7 26.6 39.8



#9
Trichlorofluoromethane
Concen: 0.512 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023531.D
Acq: 16 Nov 2021 14:00

Tgt Ion:101 Resp: 7616
Ion Ratio Lower Upper
101 100
103 65.4 52.6 79.0





#17

Methyl tert-butyl Ether

Concen: 0.871 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV023531.D

Acq: 16 Nov 2021 14:00

Instrument :

MSVOA_V

ClientSampleId :

BG219

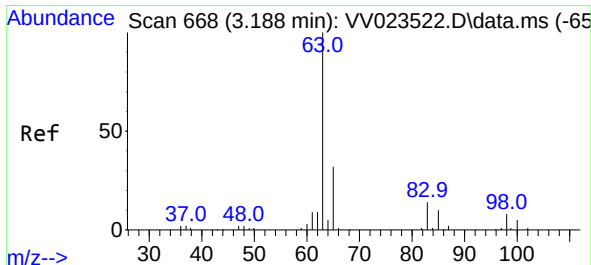
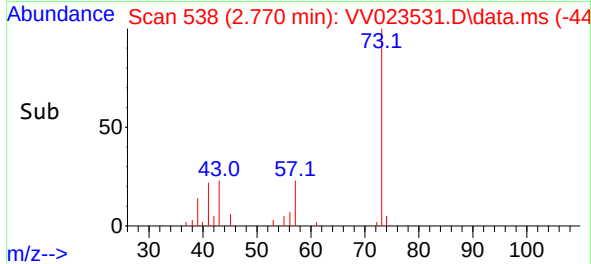
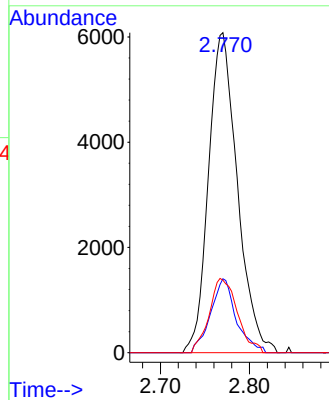
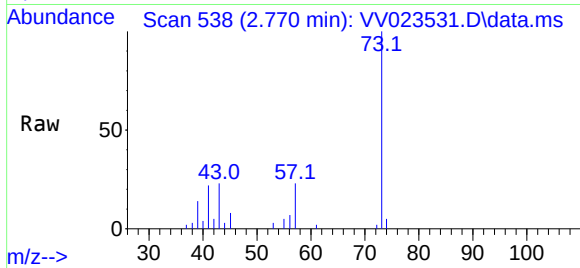
Tgt Ion: 73 Resp: 13666

Ion Ratio Lower Upper

73 100

43 20.5 17.4 26.0

57 22.6 16.5 24.7



#19

1,1-Dichloroethane

Concen: 0.567 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV023531.D

Acq: 16 Nov 2021 14:00

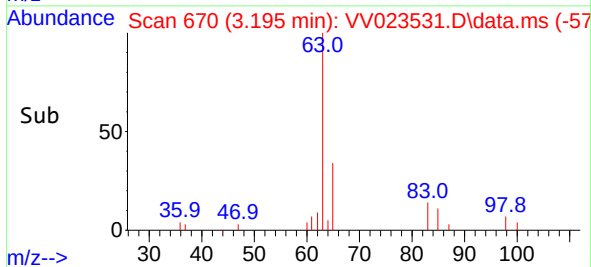
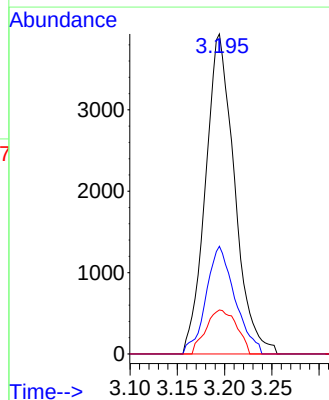
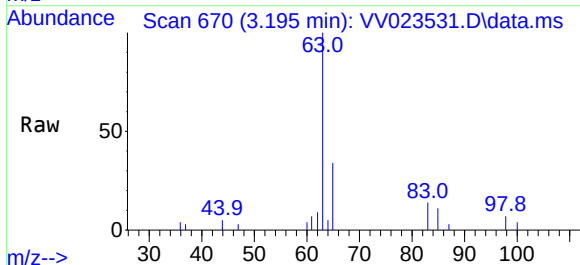
Tgt Ion: 63 Resp: 8383

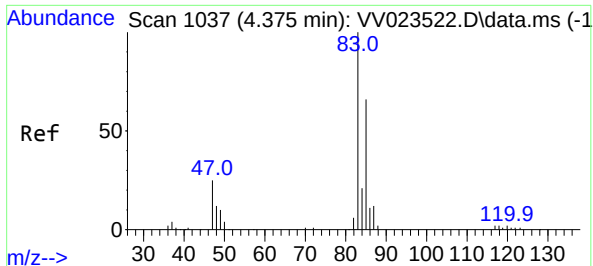
Ion Ratio Lower Upper

63 100

65 33.7 22.6 42.0

83 13.8 11.1 20.7

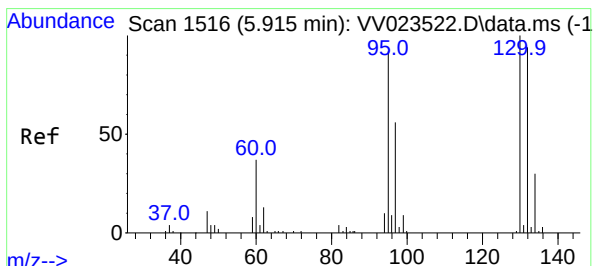
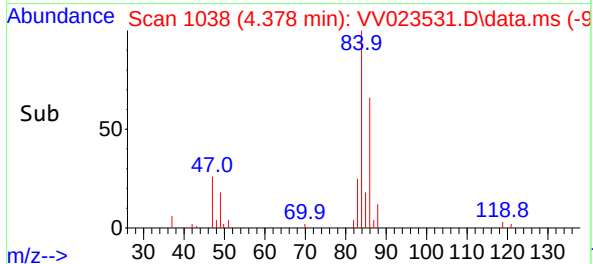
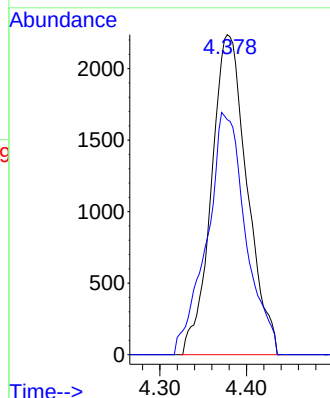
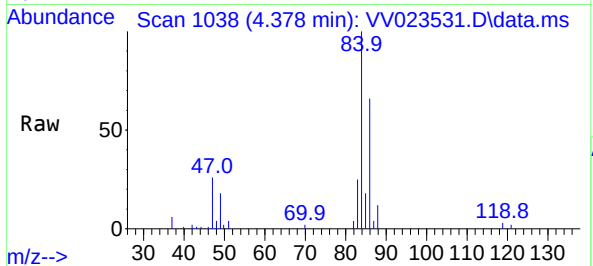




#25
Chloroform
Concen: 0.407 ug/L
RT: 4.378 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023531.D
Acq: 16 Nov 2021 14:00

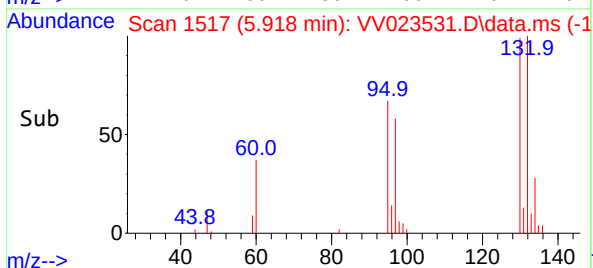
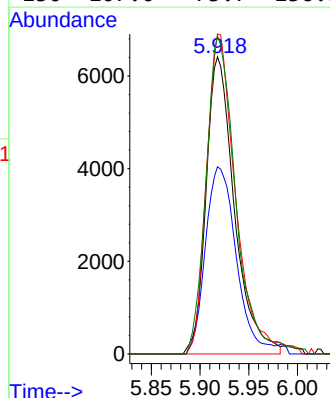
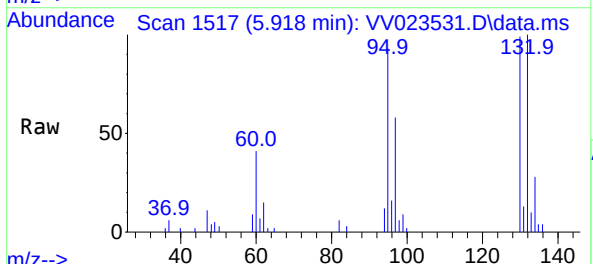
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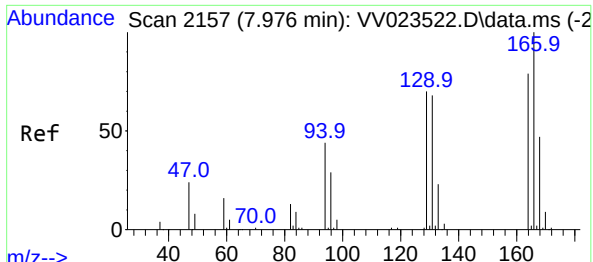
Tgt Ion: 83 Resp: 6410
Ion Ratio Lower Upper
83 100
85 73.4 46.8 86.8



#34
Trichloroethene
Concen: 1.510 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023531.D
Acq: 16 Nov 2021 14:00

Tgt Ion: 95 Resp: 12965
Ion Ratio Lower Upper
95 100
97 63.0 45.0 83.6
132 107.7 69.7 129.4
130 107.0 73.7 136.9





#47
Tetrachloroethene
Concen: 0.511 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV023531.D
Acq: 16 Nov 2021 14:00

Instrument :
MSVOA_V
ClientSampleId :
BG219

Tgt Ion:164 Resp: 3802

Ion	Ratio	Lower	Upper
164	100		
129	74.8	64.0	119.0
131	65.8	63.4	117.8
166	123.9	89.3	165.9

