

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110121\
 Data File : VW023112.D
 Acq On : 01 Nov 2021 13:21
 Operator : SY/MD
 Sample : M4364-11DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG321DL

Quant Time: Nov 02 01:15:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

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

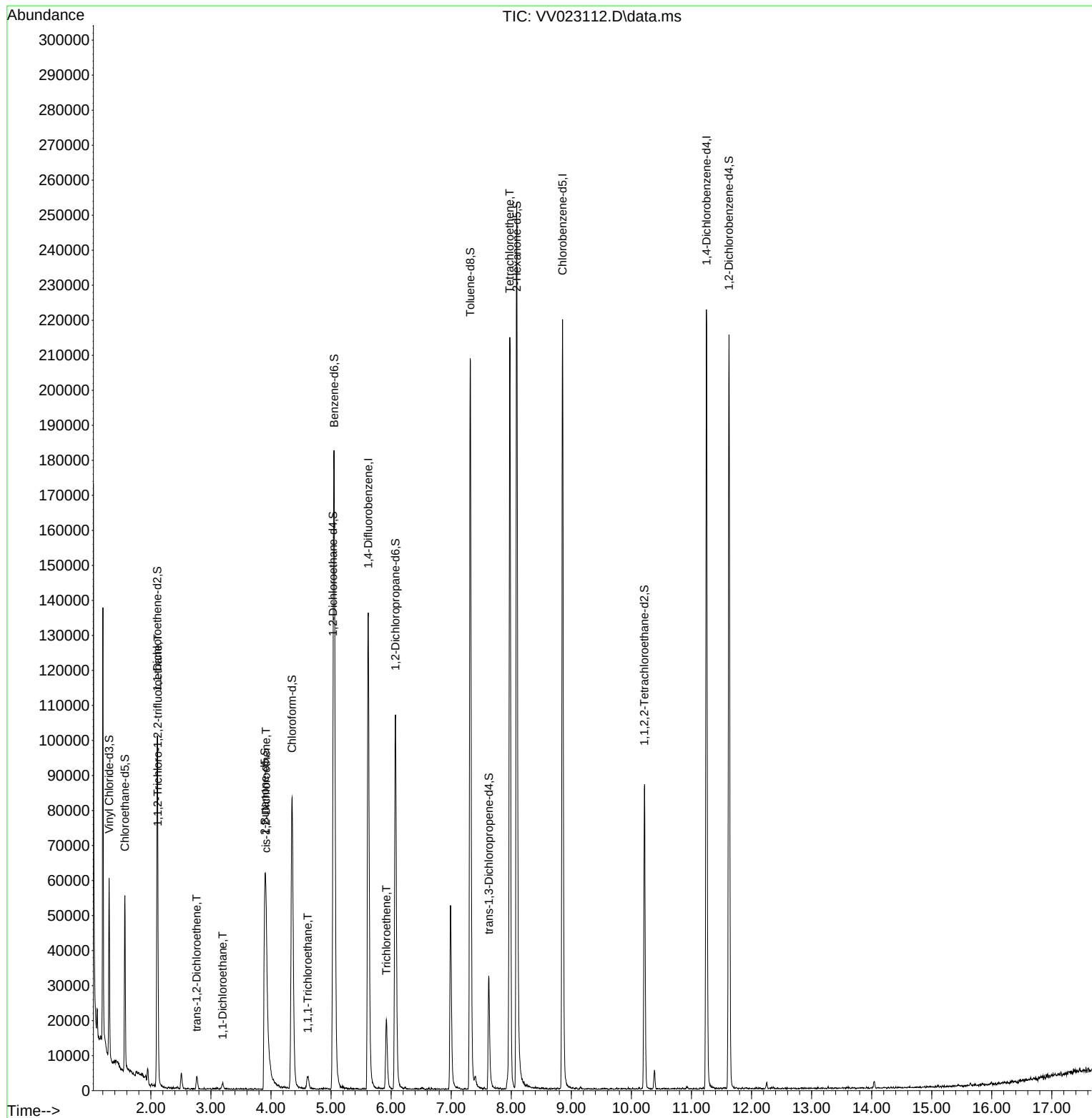
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59048	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31447	2.967	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	59.400%	
7) Chloroethane-d5	1.568	69	29960	4.571	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.108	63	49432	3.233	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.600%	
20) 2-Butanone-d5	3.899	46	108040	63.555	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	127.100%	
24) Chloroform-d	4.352	84	87634	5.087	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.800%	
26) 1,2-Dichloroethane-d4	5.034	65	42668	5.254	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.053	84	164906	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.072	67	51881	4.644	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.320	98	140795	4.319	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.400%	
43) trans-1,3-Dichloroprop...	7.628	79	19947	5.096	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.000%	
46) 2-Hexanone-d5	8.091	63	86566	59.734	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	119.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40031	5.189	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56956	5.406	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	2696	0.408	ug/L #	83
18) trans-1,2-Dichloroethene	2.764	96	1491	0.225	ug/L	94
19) 1,1-Dichloroethane	3.195	63	1978	0.162	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	11613	1.545	ug/L #	90
29) 1,1,1-Trichloroethane	4.612	97	3214	0.229	ug/L	97
34) Trichloroethene	5.921	95	7012	0.834	ug/L	94
47) Tetrachloroethene	7.976	164	49959	7.037	ug/L	99

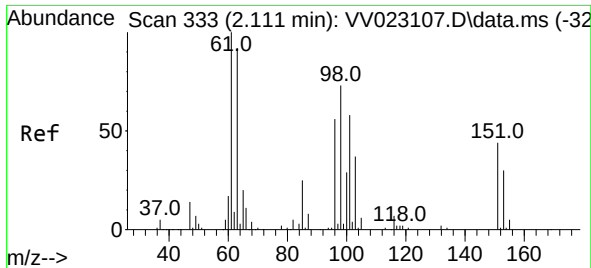
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 02 01:11:36 2021
Response via : Initial Calibration

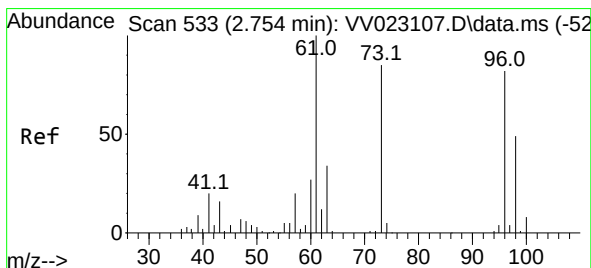
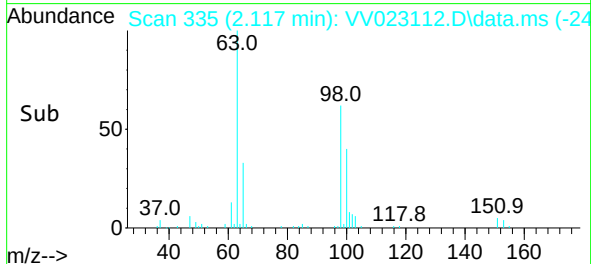
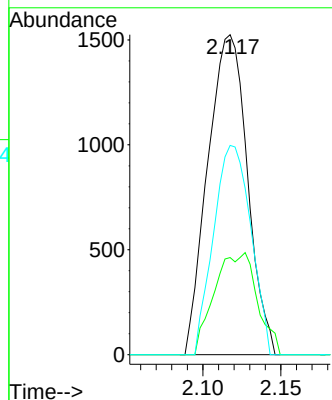
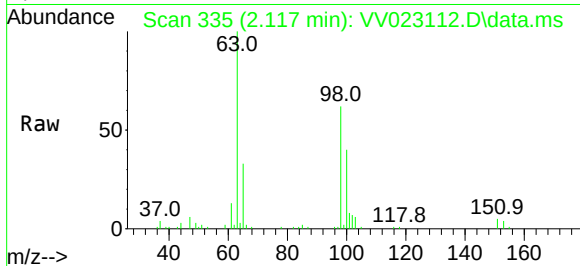




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.408 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

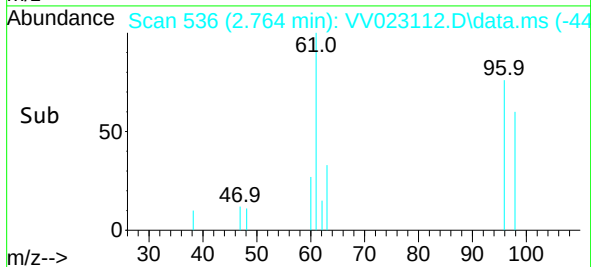
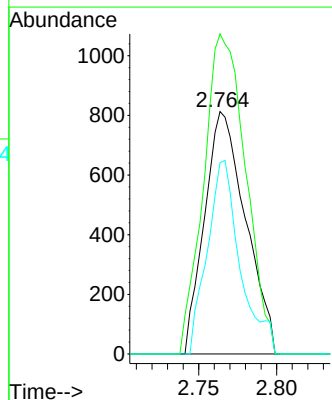
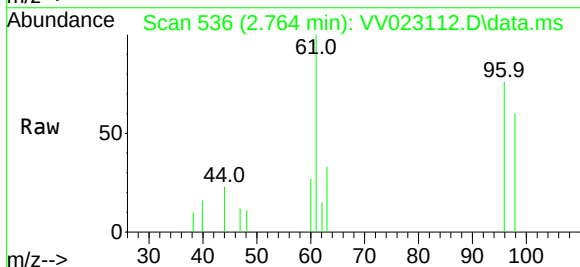
Instrument :
MSVOA_V
ClientSampleId :
BG321DL

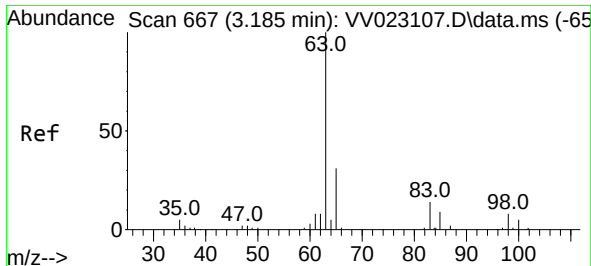
Tgt Ion:101 Resp: 2696
Ion Ratio Lower Upper
101 100
85 34.5 35.3 52.9#
151 61.4 62.2 93.2#



#18
trans-1,2-Dichloroethene
Concen: 0.225 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.010 min
Lab File: VV023112.D
Acq: 01 Nov 2021 13:21

Tgt Ion: 96 Resp: 1491
Ion Ratio Lower Upper
96 100
61 132.0 93.2 173.2
98 78.8 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.162 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

BG321DL

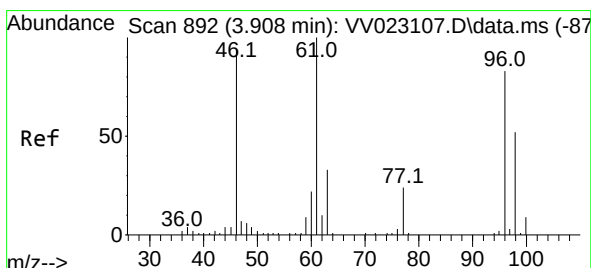
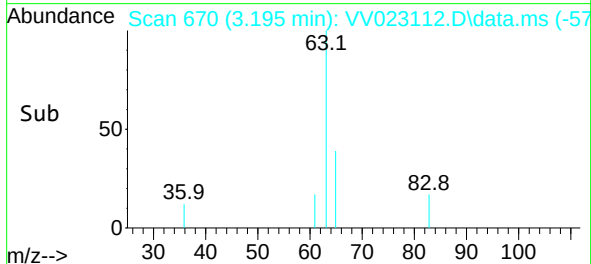
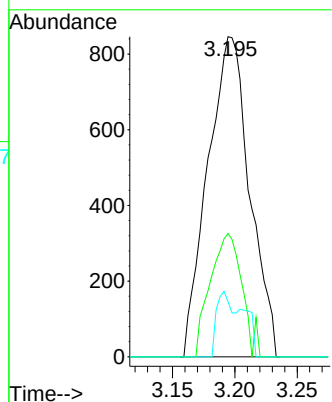
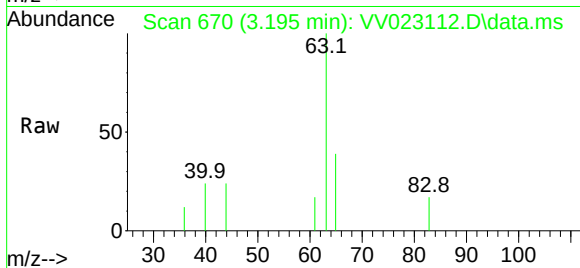
Tgt Ion: 63 Resp: 1978

Ion Ratio Lower Upper

63 100

65 38.5 22.6 42.0

83 17.3 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 1.545 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

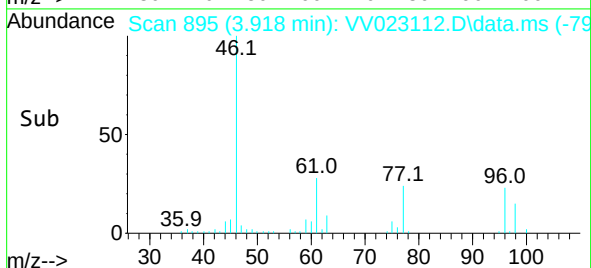
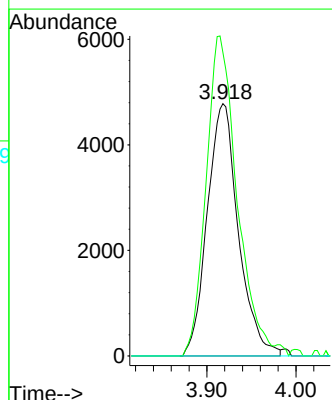
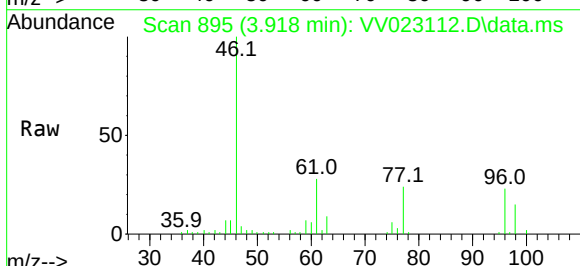
Tgt Ion: 96 Resp: 11613

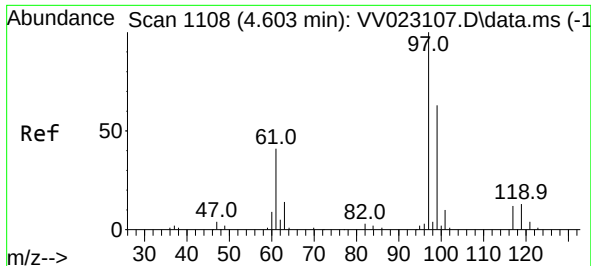
Ion Ratio Lower Upper

96 100

61 120.2 92.3 171.3

68 0.0 0.4 0.8#





#29

1,1,1-Trichloroethane

Concen: 0.229 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Instrument :

MSVOA_V

ClientSampleId :

BG321DL

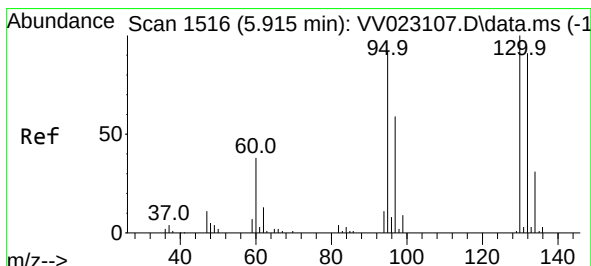
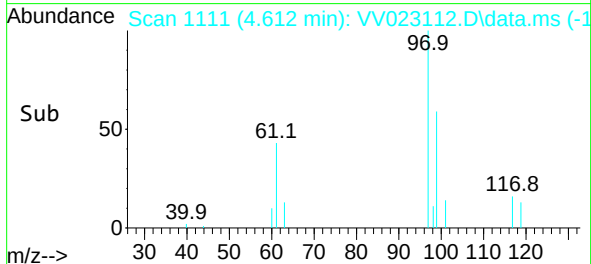
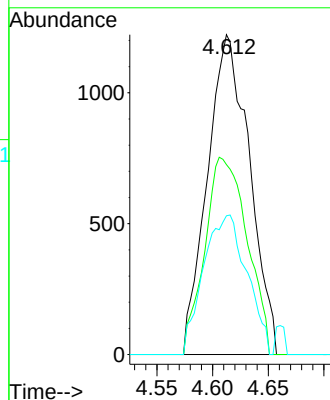
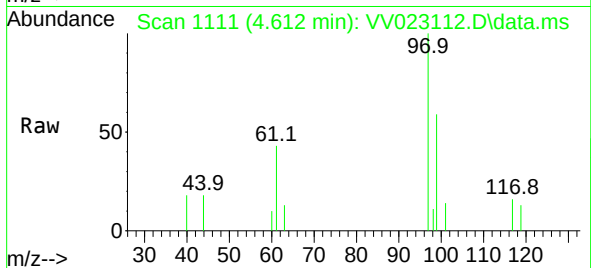
Tgt Ion: 97 Resp: 3214

Ion Ratio Lower Upper

97 100

99 62.0 51.0 76.4

61 45.0 34.1 51.1



#34

Trichloroethene

Concen: 0.834 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VV023112.D

Acq: 01 Nov 2021 13:21

Tgt Ion: 95 Resp: 7012

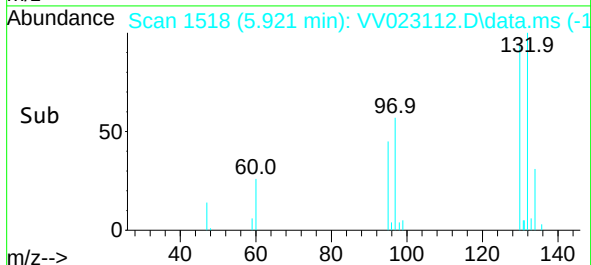
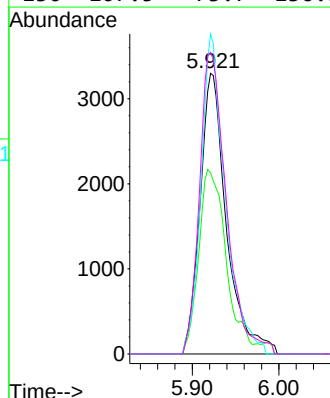
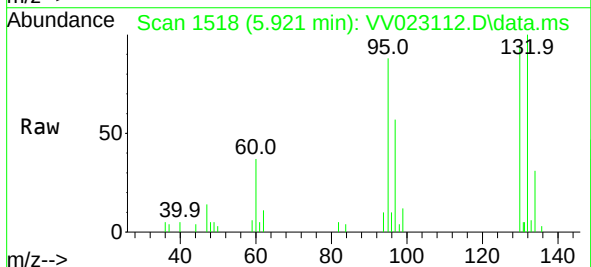
Ion Ratio Lower Upper

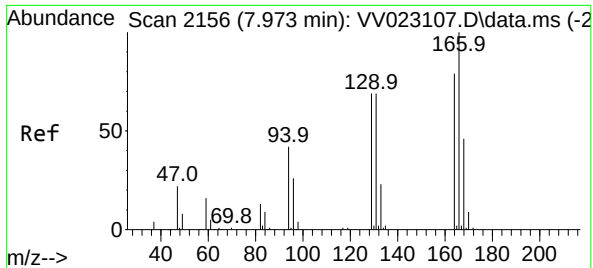
95 100

97 64.5 45.0 83.6

132 114.0 69.7 129.4

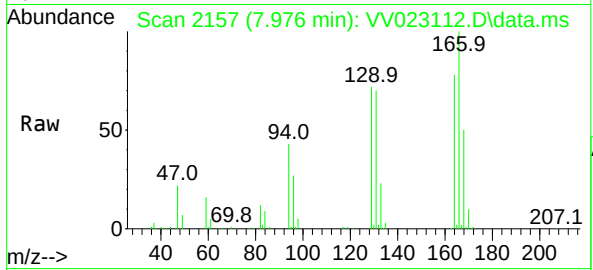
130 107.5 73.7 136.9





#47
 Tetrachloroethene
 Concen: 7.037 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023112.D
 Acq: 01 Nov 2021 13:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BG321DL



Tgt Ion:	164	Resp:	49959
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.0	119.0
131	89.9	63.4	117.8
166	127.9	89.3	165.9

