

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041323\
 Data File : VW030545.D
 Acq On : 13 Apr 2023 15:08
 Operator : SY/MD
 Sample : 02250-05DL 25X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDXX6DL

Quant Time: Apr 14 05:20:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 14 05:16:37 2023
 Response via : Initial Calibration

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

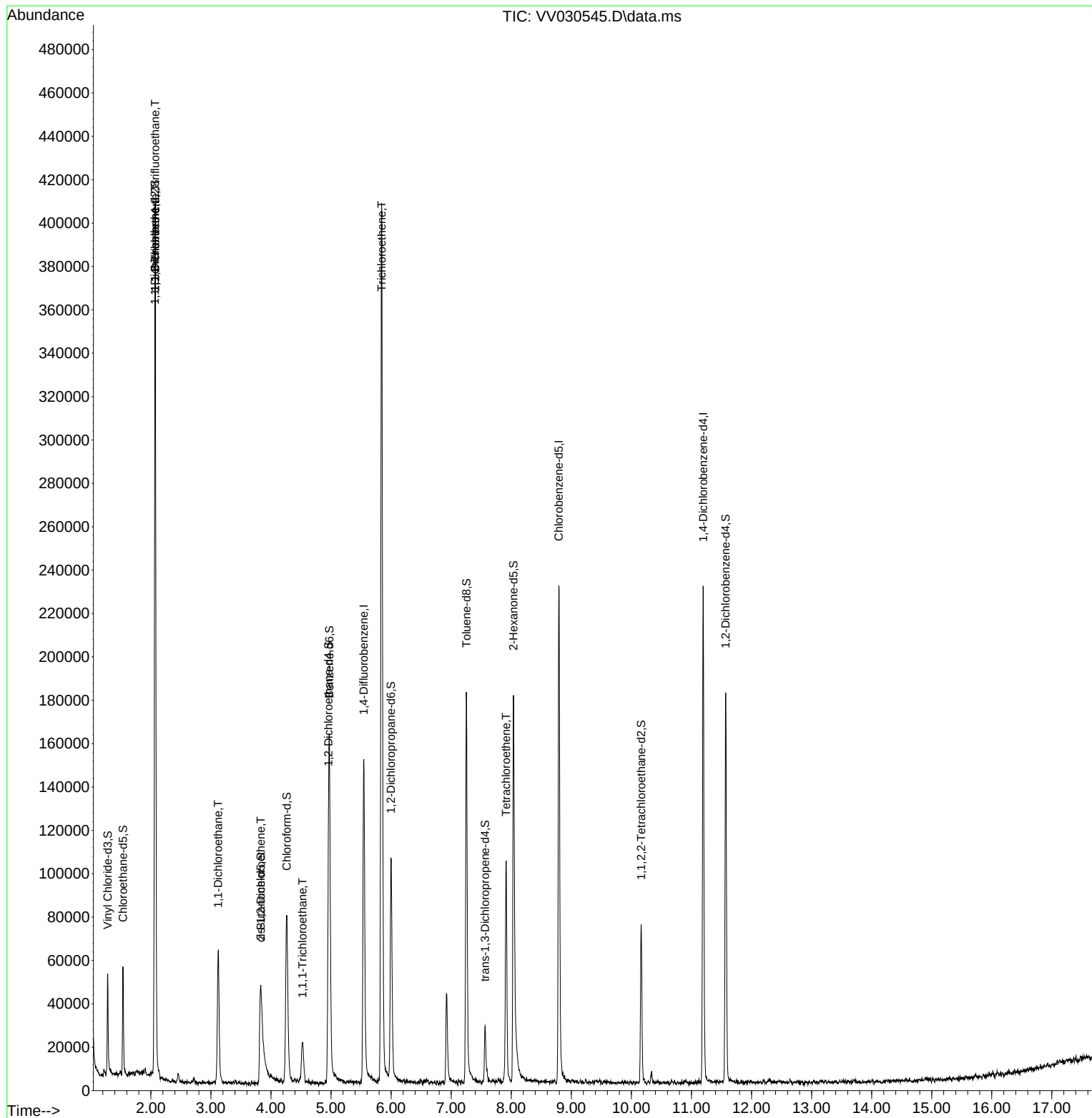
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	127819	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	126050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59553	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30811	3.640	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.535	69	29905	3.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.066	63	106089	5.281	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.600%
20) 2-Butanone-d5	3.831	46	83413	38.122	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.240%
24) Chloroform-d	4.262	84	80555	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	4.956	65	41173	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	4.973	84	136836	3.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	5.998	67	46365	4.169	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.252	98	119541	3.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.564	79	16292	3.891	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.037	63	64136	38.121	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.240%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34846	3.976	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.570	152	45290	4.255	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	8023	0.667	ug/L	97
12) 1,1-Dichloroethene	2.072	96	83452	7.814	ug/L	85
19) 1,1-Dichloroethane	3.121	63	59890	2.746	ug/L	98
22) cis-1,2-Dichloroethene	3.828	96	5480	0.485	ug/L	96
29) 1,1,1-Trichloroethane	4.526	97	15807	0.780	ug/L	98
34) Trichloroethene	5.844	95	136342	11.292	ug/L	99
47) Tetrachloroethene	7.915	164	22916	2.150	ug/L	95

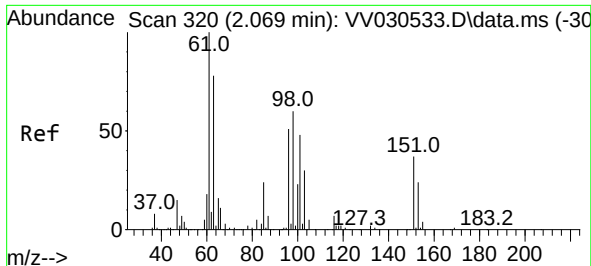
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 14 05:20:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 05:16:37 2023
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.667 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

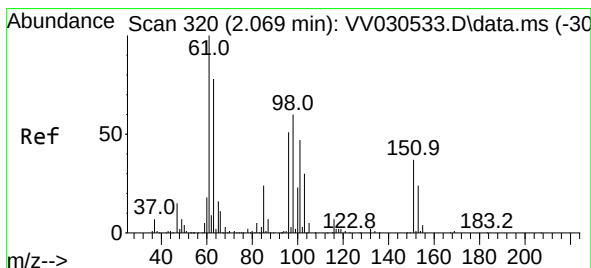
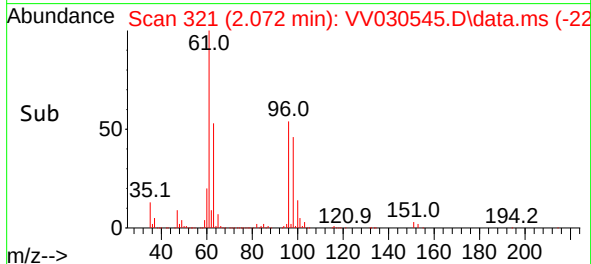
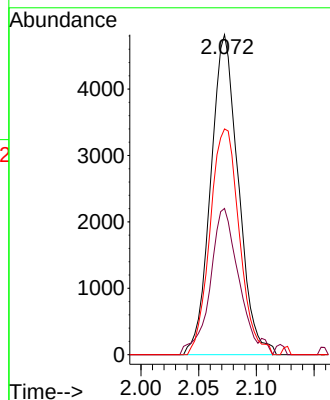
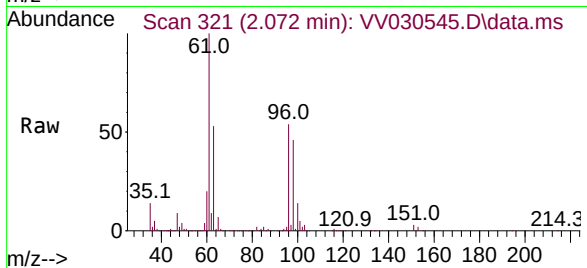
Tgt Ion:101 Resp: 8023

Ion Ratio Lower Upper

101 100

85 47.7 38.1 57.1

151 74.7 62.7 94.1



#12

1,1-Dichloroethene

Concen: 7.814 ug/L

RT: 2.072 min Scan# 321

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

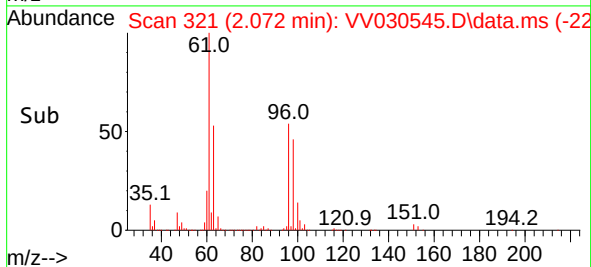
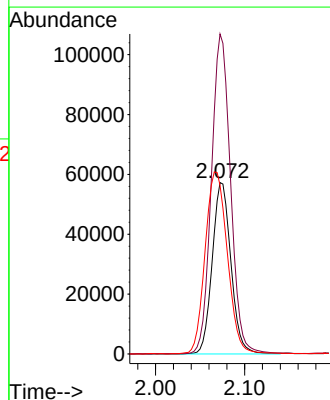
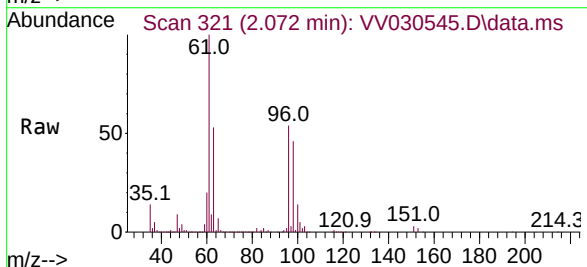
Tgt Ion: 96 Resp: 83452

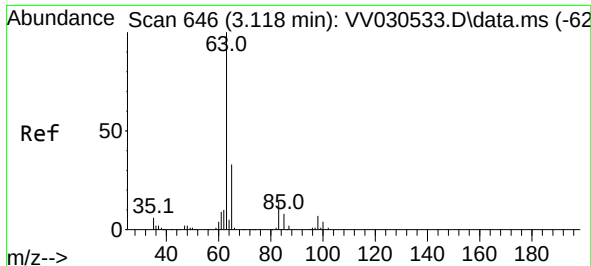
Ion Ratio Lower Upper

96 100

61 186.7 136.3 253.1

63 98.4 92.1 171.1

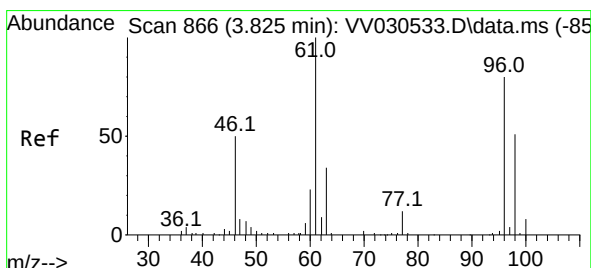
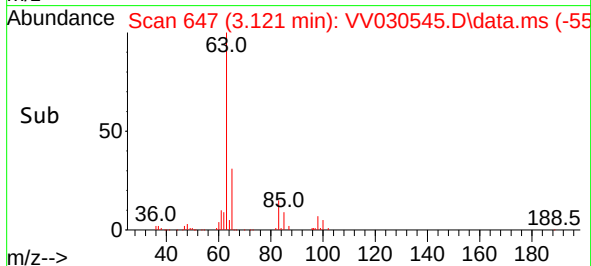
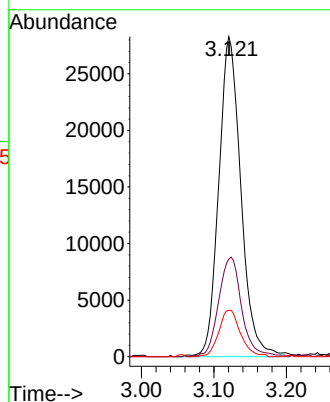
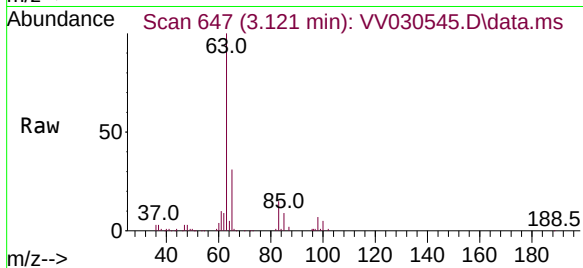




#19
1,1-Dichloroethane
Concen: 2.746 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV030545.D
Acq: 13 Apr 2023 15:08

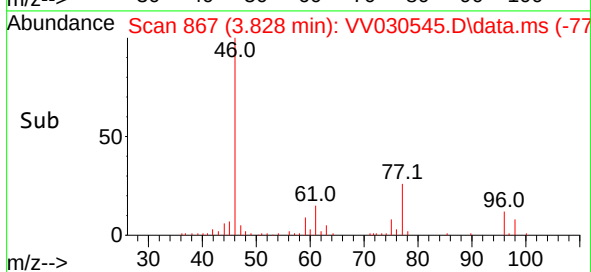
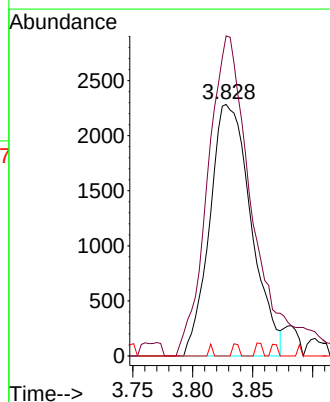
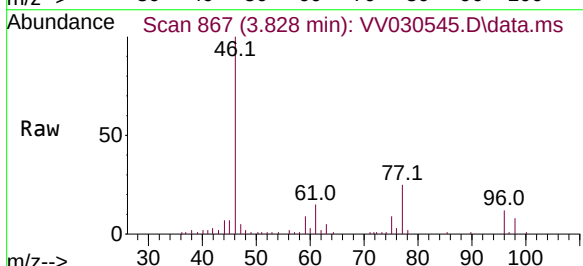
Instrument :
MSVOA_V
ClientSampleId :
BHD6DL

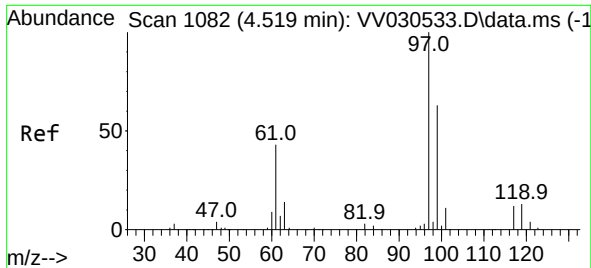
Tgt Ion: 63 Resp: 59890
Ion Ratio Lower Upper
63 100
65 30.5 21.7 40.3
83 14.5 9.1 16.9



#22
cis-1,2-Dichloroethene
Concen: 0.485 ug/L
RT: 3.828 min Scan# 867
Delta R.T. 0.003 min
Lab File: VV030545.D
Acq: 13 Apr 2023 15:08

Tgt Ion: 96 Resp: 5480
Ion Ratio Lower Upper
96 100
61 127.2 92.0 170.8
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.780 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

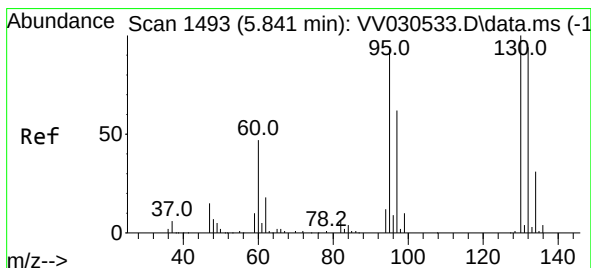
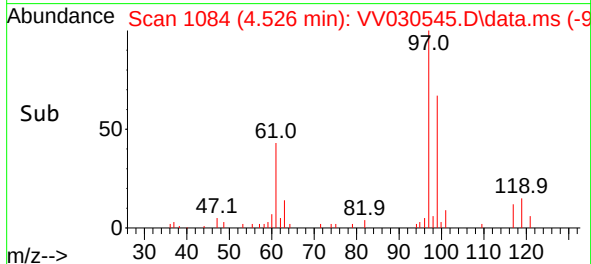
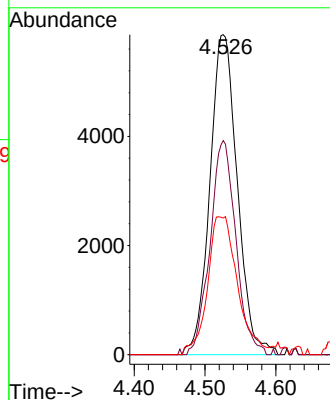
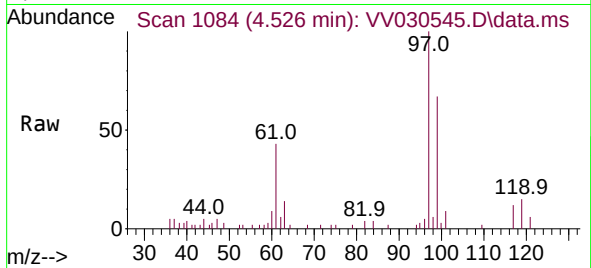
Tgt Ion: 97 Resp: 15807

Ion Ratio Lower Upper

97 100

99 62.8 50.9 76.3

61 47.1 35.9 53.9



#34

Trichloroethene

Concen: 11.292 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.003 min

Lab File: VV030545.D

Acq: 13 Apr 2023 15:08

Tgt Ion: 95 Resp: 136342

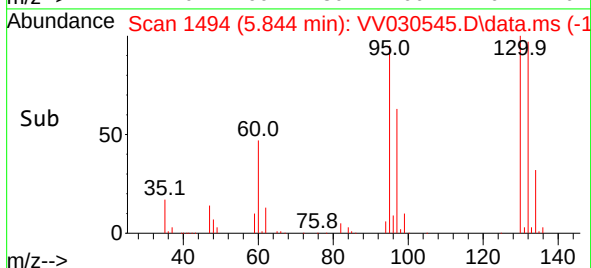
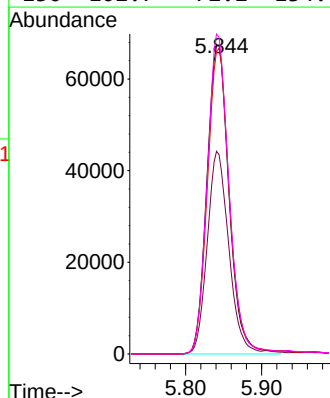
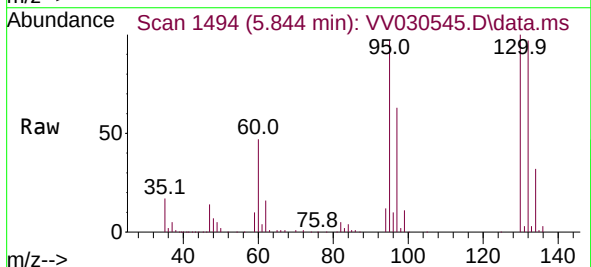
Ion Ratio Lower Upper

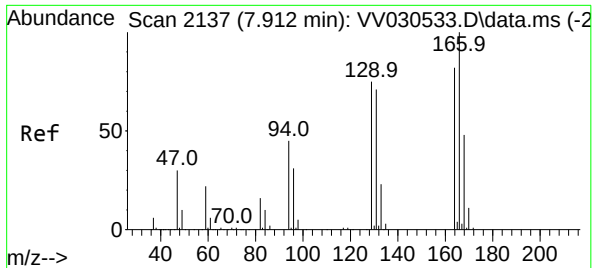
95 100

97 64.6 44.2 82.2

132 99.1 69.5 129.1

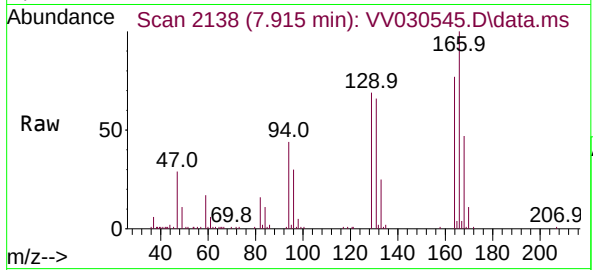
130 102.7 72.2 134.0





#47
 Tetrachloroethene
 Concen: 2.150 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030545.D
 Acq: 13 Apr 2023 15:08

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL



Tgt Ion:164	Resp:	22916
Ion	Ratio	Lower Upper
164	100	
129	89.8	60.8 112.8
131	85.0	61.7 114.7
166	129.3	85.6 159.0

