

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV053123\
 Data File : VV031308.D
 Acq On : 31 May 2023 19:51
 Operator : SY/MD
 Sample : 02991-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 02:01:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 01 01:56:05 2023
 Response via : Initial Calibration

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

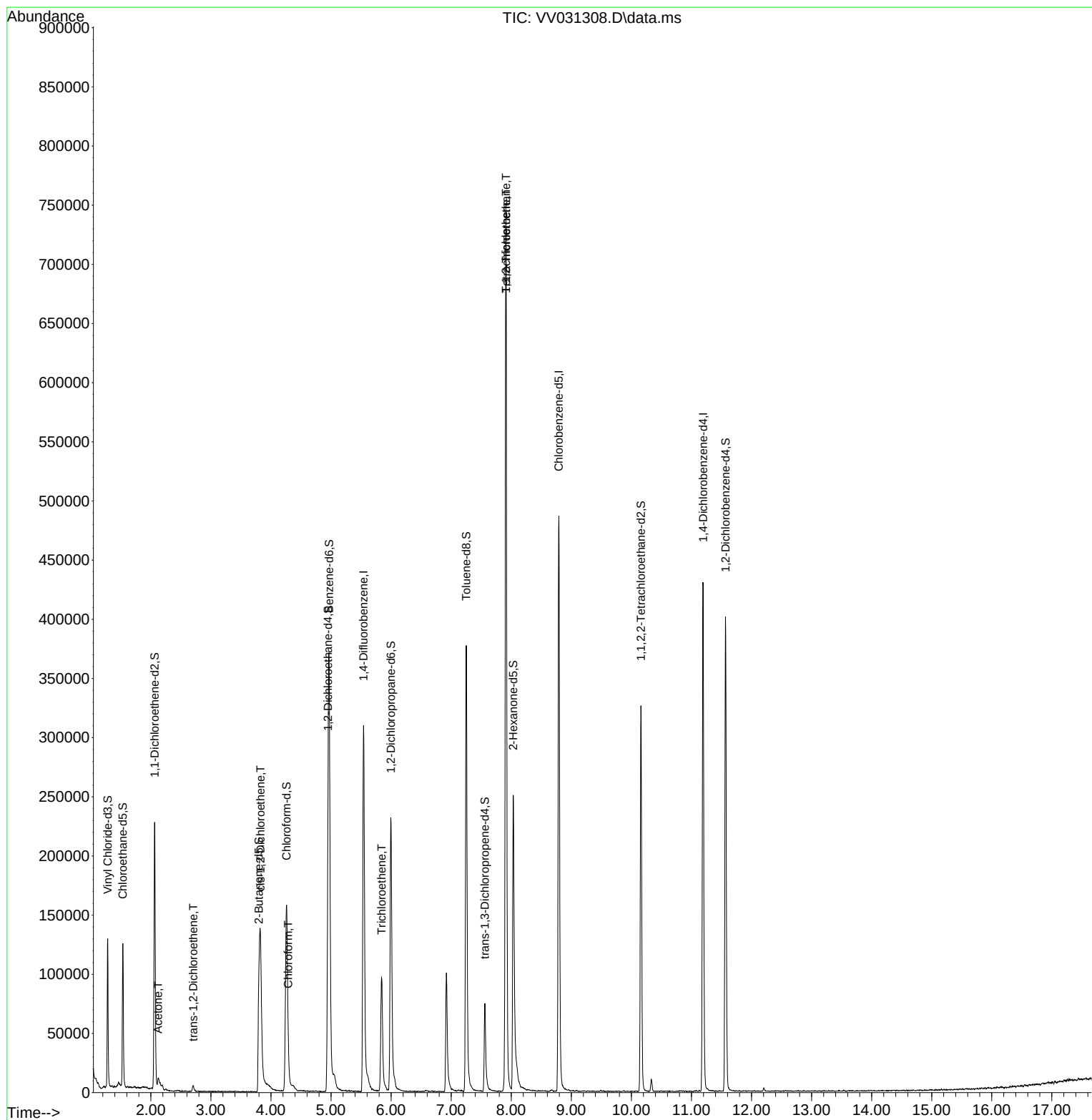
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	255991	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	249913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	107926	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81582	37.290	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.580%
7) Chloroethane-d5	1.532	69	76985	45.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.360%
11) 1,1-Dichloroethene-d2	2.063	65	40285	39.268	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.540%
21) 2-Butanone-d5	3.799	46	134860	115.686	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.690%
24) Chloroform-d	4.259	84	170721	44.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
26) 1,2-Dichloroethane-d4	4.950	65	119706	45.771	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.540%
32) Benzene-d6	4.966	84	302462	44.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
36) 1,2-Dichloropropane-d6	5.995	67	120913	59.648	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.300%
41) Toluene-d8	7.249	98	253188	40.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.080%
43) trans-1,3-Dichloroprop...	7.561	79	45998	45.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
47) 2-Hexanone-d5	8.034	63	83826	106.059	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	159504	52.461	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.920%
66) 1,2-Dichlorobenzene-d4	11.567	152	95210	49.092	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.180%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	7337	4.841	ug/L	90
17) trans-1,2-Dichloroethene	2.706	96	1792	1.363	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	52058	32.120	ug/L	91
25) Chloroform	4.288	83	10777	3.220	ug/L	96
34) Trichloroethene	5.844	95	34999	21.816	ug/L	88
45) 1,1,2-Trichloroethane	7.912	97	1582	0.880	ug/L #	1
46) Tetrachloroethene	7.912	164	163366	118.593	ug/L	94

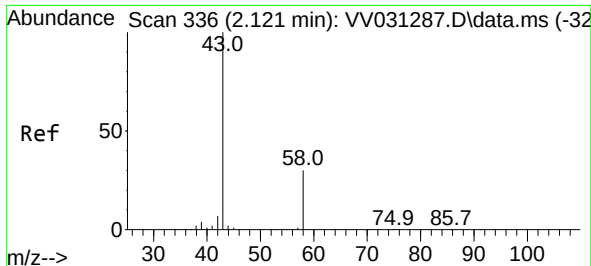
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 01 01:56:05 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.841 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031308.D

Acq: 31 May 2023 19:51

Instrument :

MSVOA_V

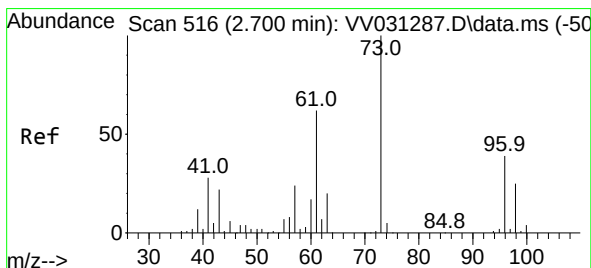
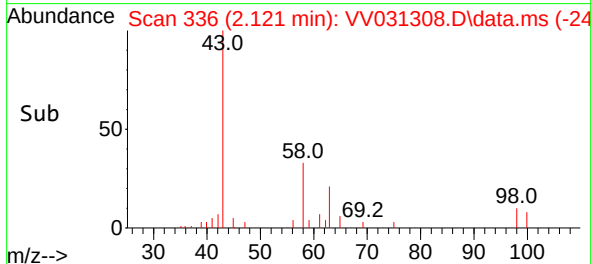
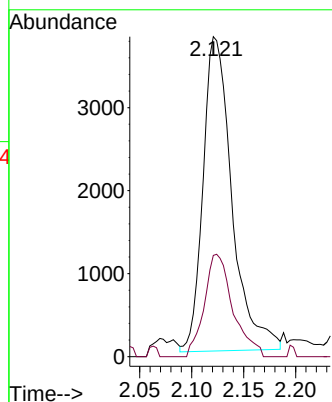
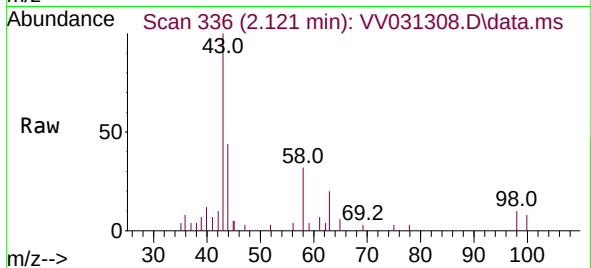
ClientSampleId :

Tgt Ion: 43 Resp: 7337

Ion Ratio Lower Upper

43 100

58 32.1 0.0 54.0



#17

trans-1,2-Dichloroethene

Concen: 1.363 ug/L

RT: 2.706 min Scan# 518

Delta R.T. 0.006 min

Lab File: VV031308.D

Acq: 31 May 2023 19:51

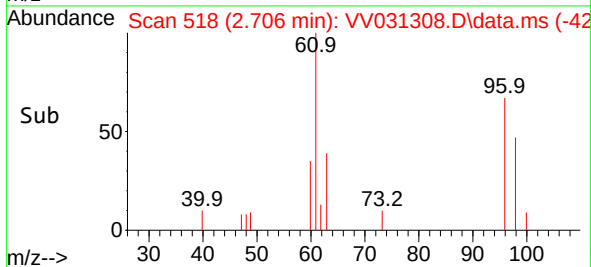
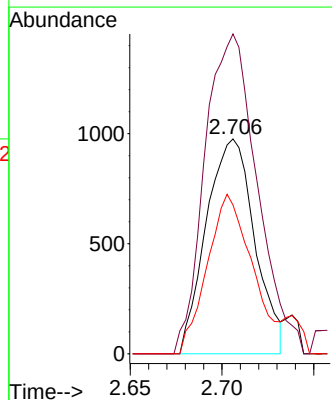
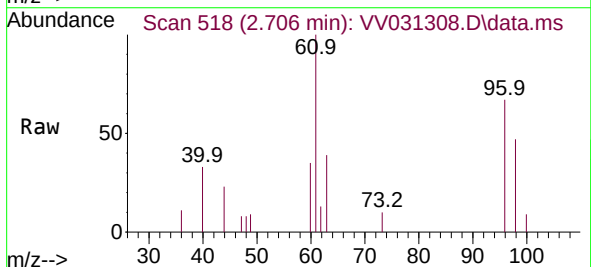
Tgt Ion: 96 Resp: 1792

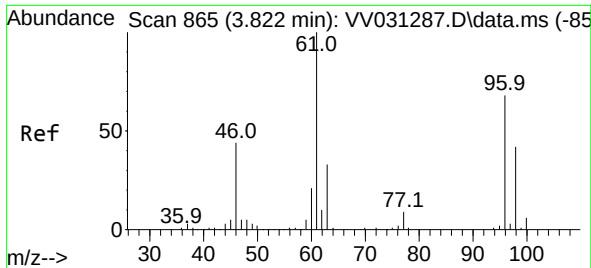
Ion Ratio Lower Upper

96 100

61 148.9 100.0 185.6

98 69.3 45.4 84.2

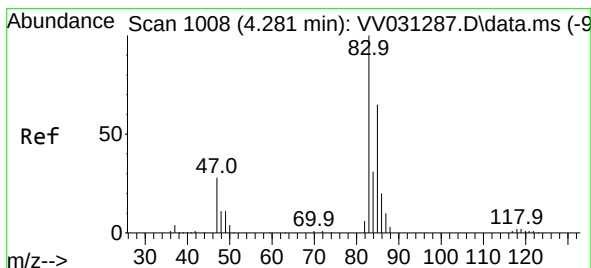
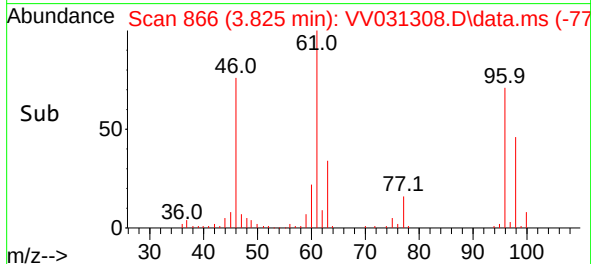
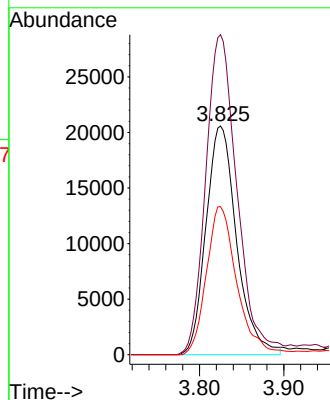
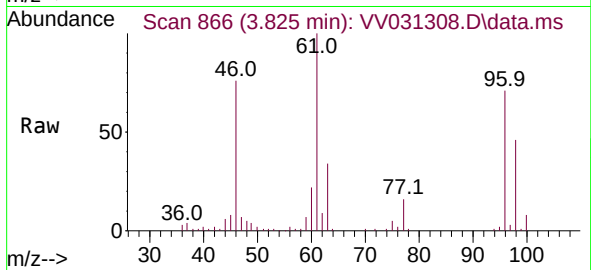




#20
cis-1,2-Dichloroethene
Concen: 32.120 ug/L
RT: 3.825 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV031308.D
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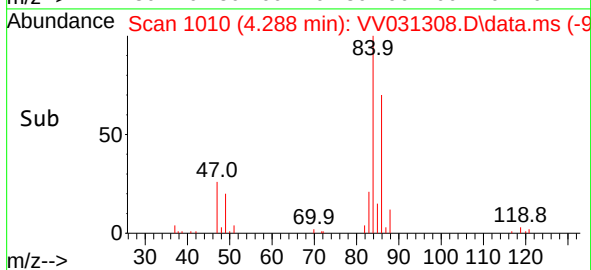
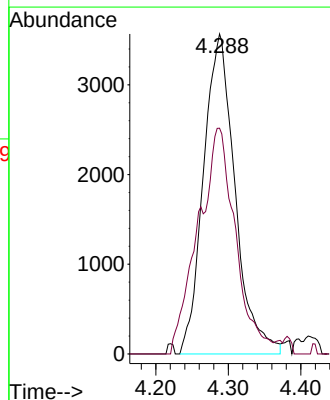
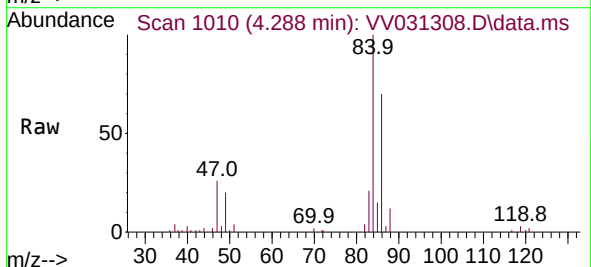
Instrument :
MSVOA_V
ClientSampleId :

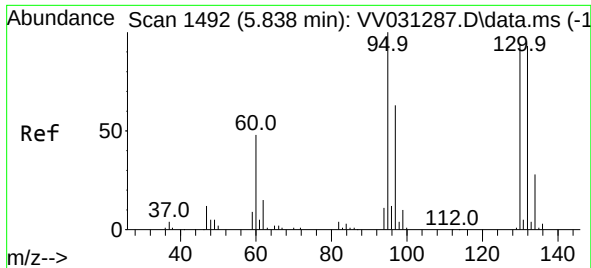
Tgt Ion: 96 Resp: 52058
Ion Ratio Lower Upper
96 100
61 139.9 89.2 165.6
98 64.7 43.0 80.0



#25
Chloroform
Concen: 3.220 ug/L
RT: 4.288 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VV031308.D
Acq: 31 May 2023 19:51

Tgt Ion: 83 Resp: 10777
Ion Ratio Lower Upper
83 100
85 70.6 47.3 87.9

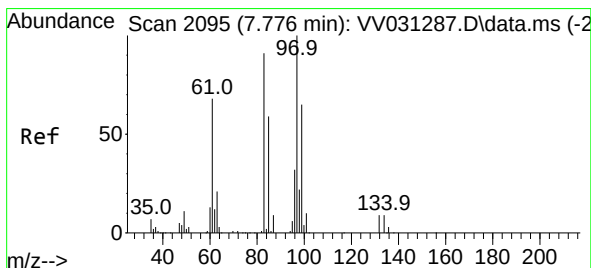
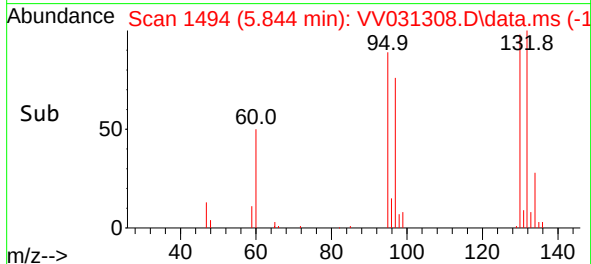
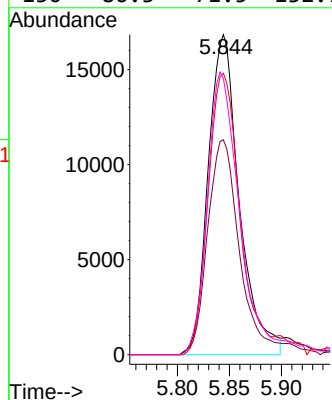
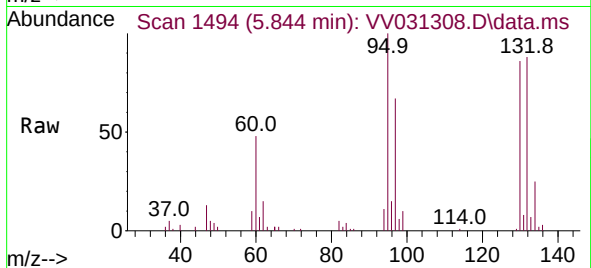




#34
Trichloroethene
Concen: 21.816 ug/L
RT: 5.844 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV031308.D
Acq: 31 May 2023 19:51

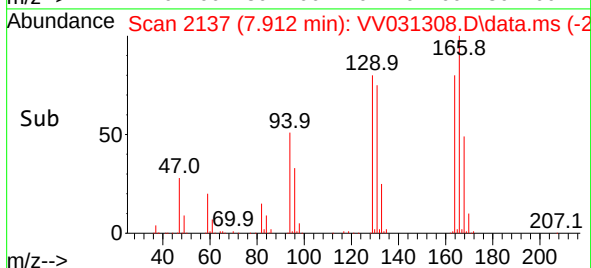
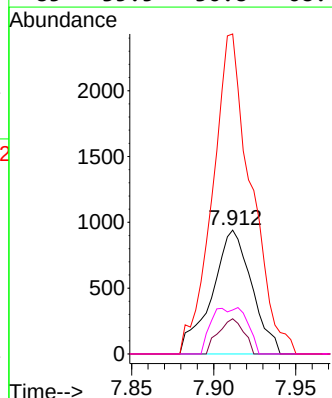
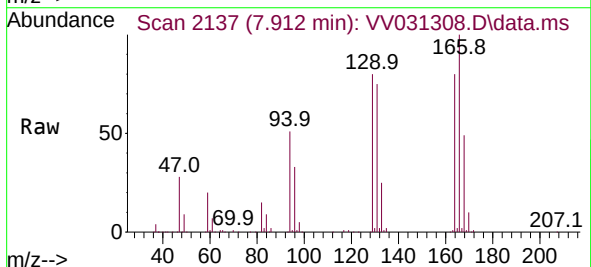
Instrument :
MSVOA_V
ClientSampleId :

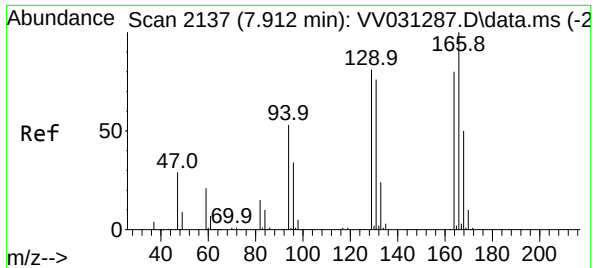
Tgt Ion: 95 Resp: 34999
Ion Ratio Lower Upper
95 100
97 67.2 44.4 82.5
132 87.9 70.2 130.4
130 86.3 71.5 132.7



#45
1,1,2-Trichloroethane
Concen: 0.880 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.135 min
Lab File: VV031308.D
Acq: 31 May 2023 19:51

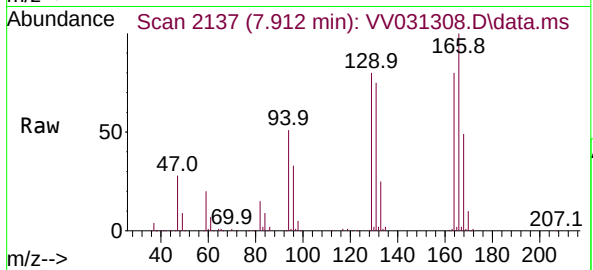
Tgt Ion: 97 Resp: 1582
Ion Ratio Lower Upper
97 100
99 28.4 43.2 80.2#
83 258.3 60.5 112.3#
85 35.5 36.8 68.4#





#46
 Tetrachloroethene
 Concen: 118.593 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031308.D
 Acq: 31 May 2023 19:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	163366
Ion	Ratio	Lower	Upper
164	100		
129	100.0	65.5	121.7
131	93.9	62.1	115.3
166	125.1	93.4	173.4

