

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041223\
 Data File : VV030529.D
 Acq On : 12 Apr 2023 19:50
 Operator : SY/MD
 Sample : 02275-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ7

Quant Time: Apr 13 05:23:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

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

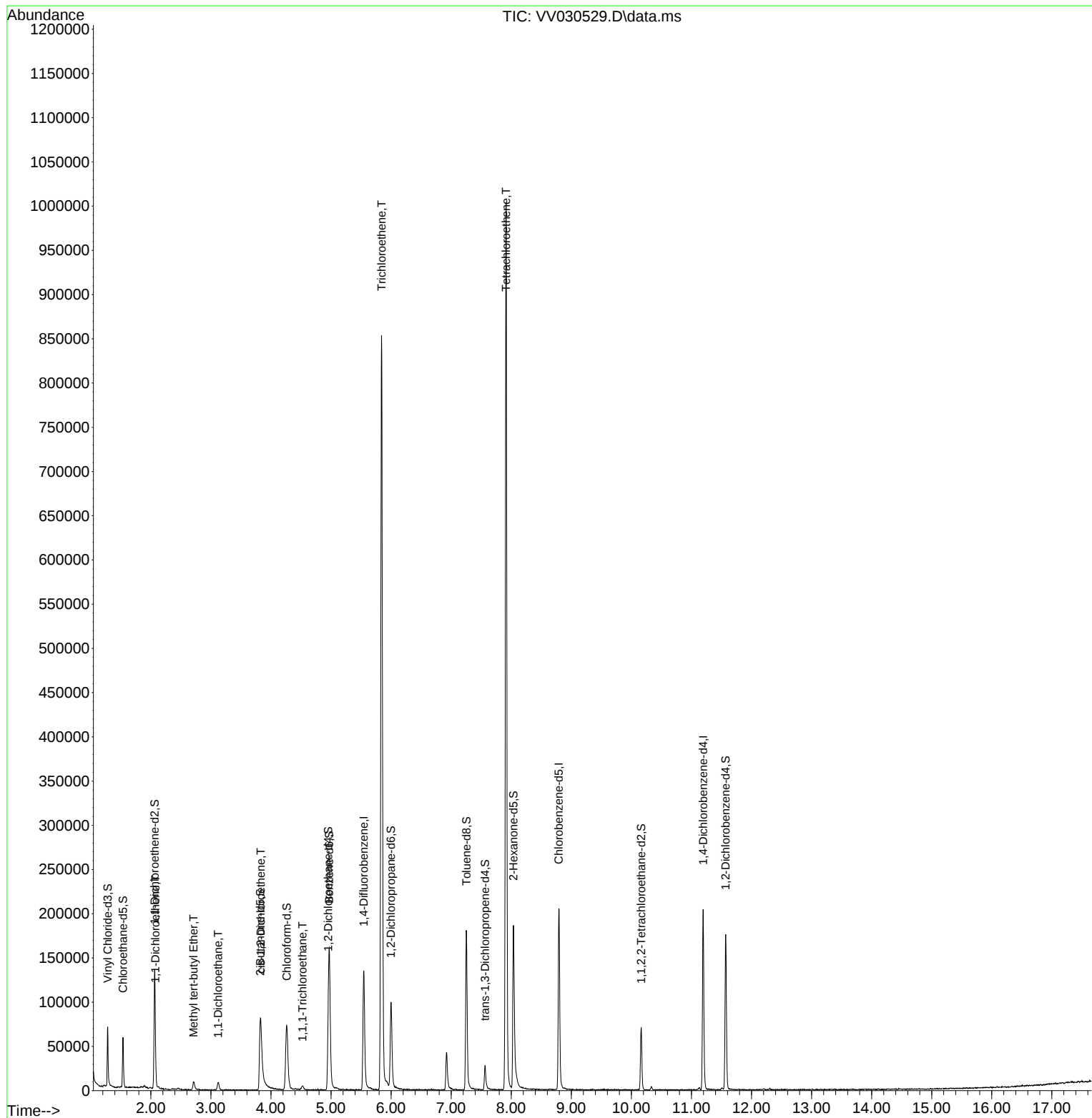
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	111731	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	114132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53401	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	44801	6.054	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.000%
7) Chloroethane-d5	1.536	69	34054	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.063	63	68139	3.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	3.822	46	78011	40.786	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.580%
24) Chloroform-d	4.262	84	76624	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	4.953	65	40892	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	4.970	84	137940	4.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	5.998	67	43333	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.252	98	119047	4.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	7.564	79	15844	4.179	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.037	63	66725	43.801	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.600%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	31517	3.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.571	152	44727	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	6058	0.649	ug/L	# 1
17) Methyl tert-butyl Ether	2.709	73	7474	0.378	ug/L	97
19) 1,1-Dichloroethane	3.121	63	8040	0.422	ug/L	96
22) cis-1,2-Dichloroethene	3.828	96	26897	2.725	ug/L	90
29) 1,1,1-Trichloroethane	4.523	97	3385	0.185	ug/L	94
34) Trichloroethene	5.841	95	286910	26.243	ug/L	99
47) Tetrachloroethene	7.915	164	217131	22.503	ug/L	96

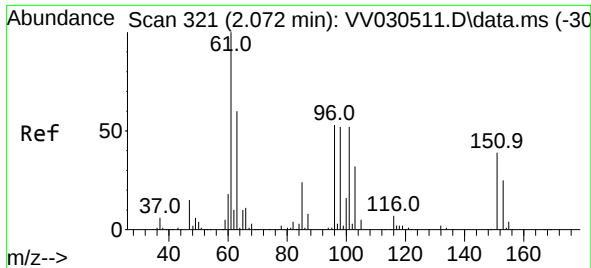
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 13 02:44:31 2023
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#12

1,1-Dichloroethene

Concen: 0.649 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030529.D

Acq: 12 Apr 2023 19:50

Instrument :

MSVOA_V

ClientSampleId :

BHDZ7

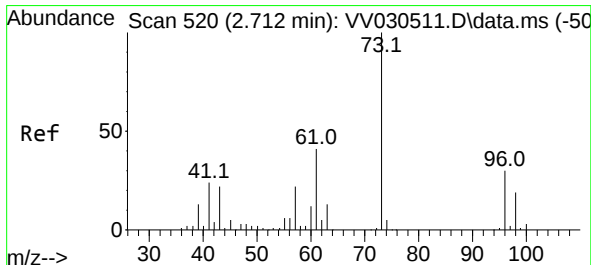
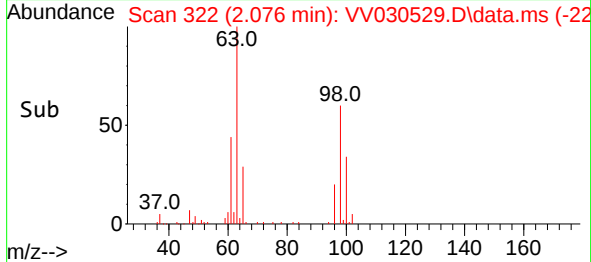
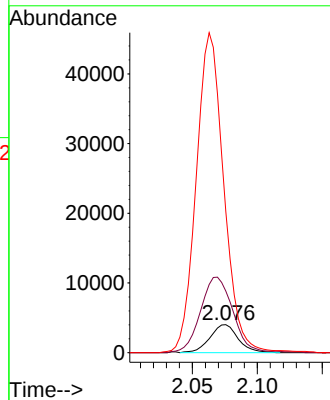
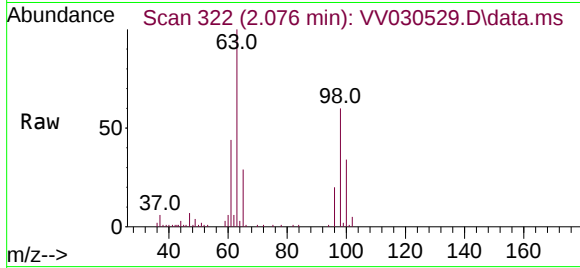
Tgt Ion: 96 Resp: 6058

Ion Ratio Lower Upper

96 100

61 220.1 136.3 253.1

63 504.1 92.1 171.1#



#17

Methyl tert-butyl Ether

Concen: 0.378 ug/L

RT: 2.709 min Scan# 519

Delta R.T. -0.003 min

Lab File: VV030529.D

Acq: 12 Apr 2023 19:50

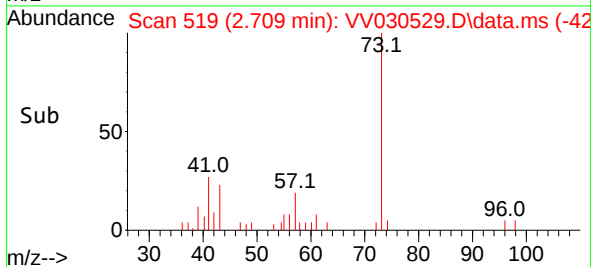
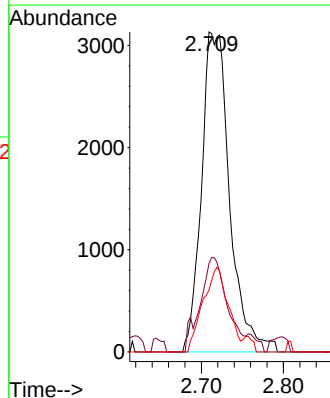
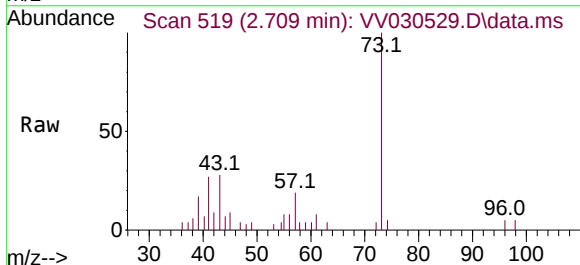
Tgt Ion: 73 Resp: 7474

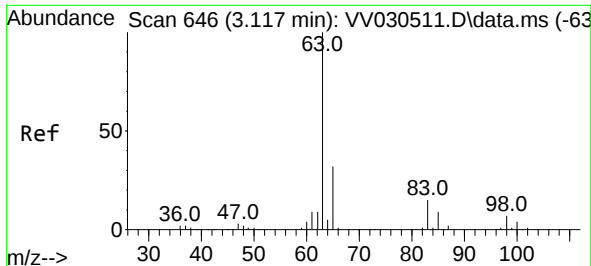
Ion Ratio Lower Upper

73 100

43 19.3 17.4 26.2

57 23.5 18.3 27.5





#19

1,1-Dichloroethane

Concen: 0.422 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

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Acq: 12 Apr 2023 19:50

Instrument :

MSVOA_V

ClientSampleId :

BHDZ7

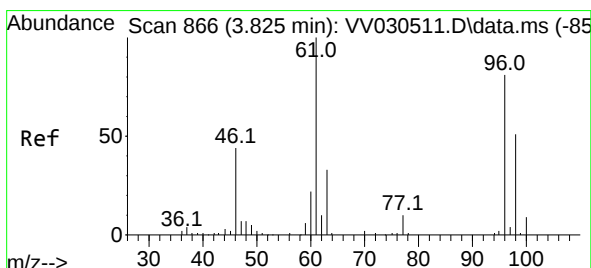
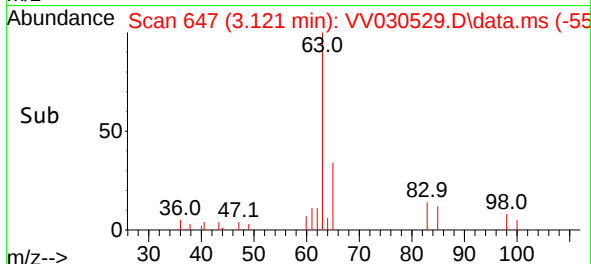
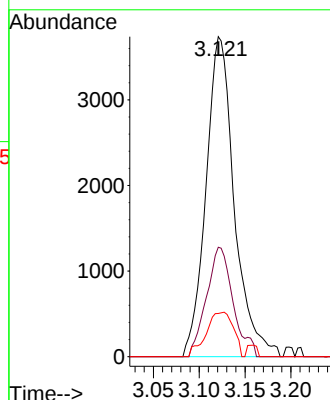
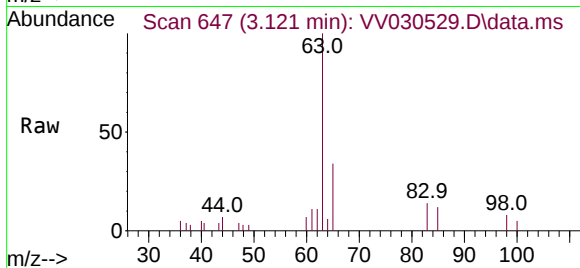
Tgt Ion: 63 Resp: 8040

Ion Ratio Lower Upper

63 100

65 34.2 21.7 40.3

83 13.5 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 2.725 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030529.D

Acq: 12 Apr 2023 19:50

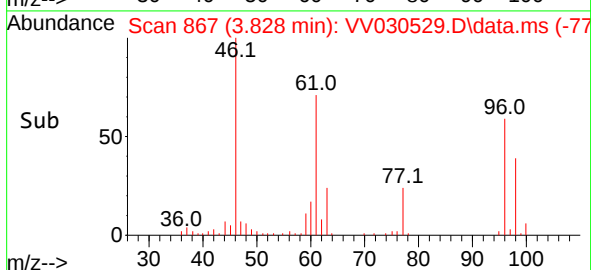
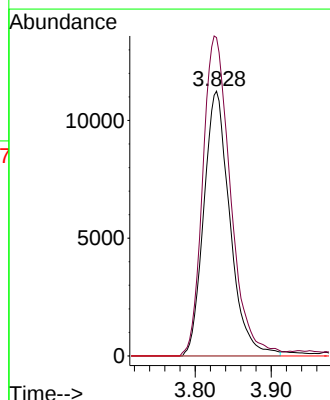
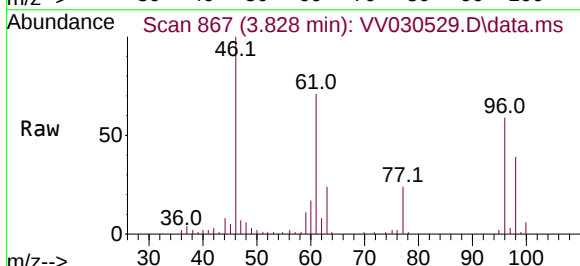
Tgt Ion: 96 Resp: 26897

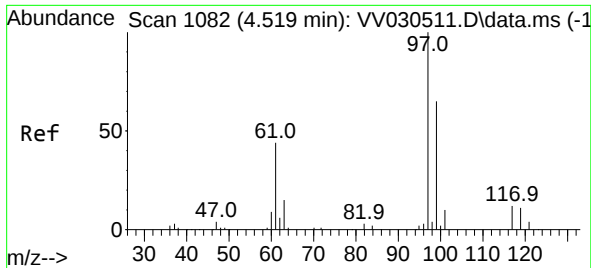
Ion Ratio Lower Upper

96 100

61 120.2 92.0 170.8

68 0.0 0.0 0.0

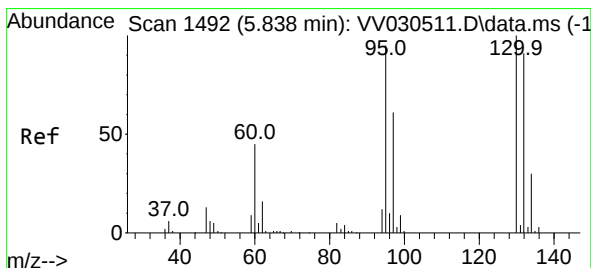
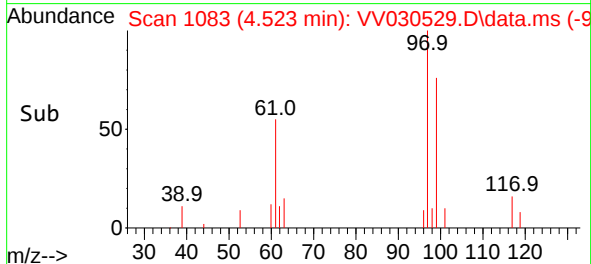
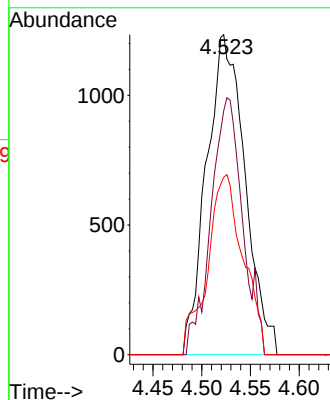
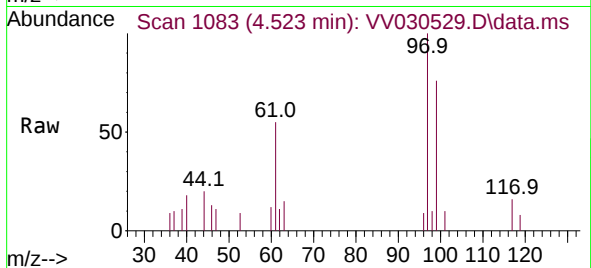




#29
1,1,1-Trichloroethane
Concen: 0.185 ug/L
RT: 4.523 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV030529.D
Acq: 12 Apr 2023 19:50

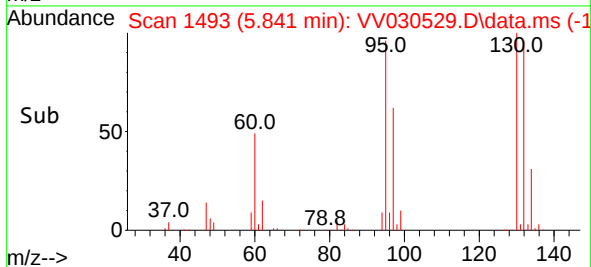
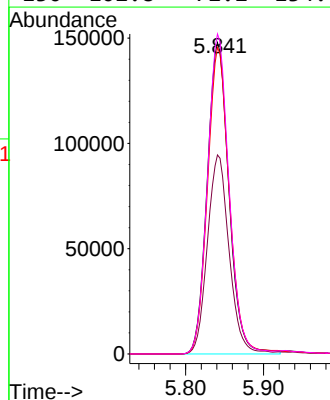
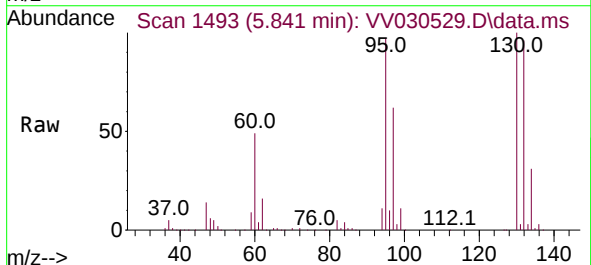
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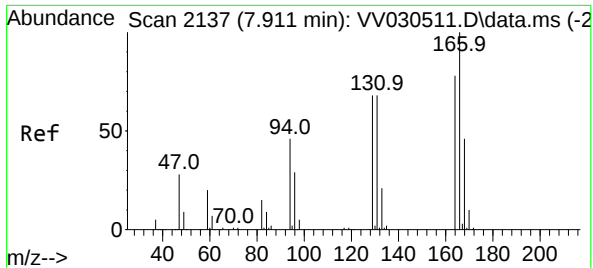
Tgt Ion: 97 Resp: 3385
Ion Ratio Lower Upper
97 100
99 66.1 50.9 76.3
61 52.1 35.9 53.9



#34
Trichloroethene
Concen: 26.243 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030529.D
Acq: 12 Apr 2023 19:50

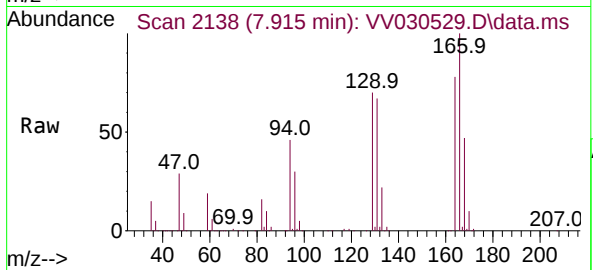
Tgt Ion: 95 Resp: 286910
Ion Ratio Lower Upper
95 100
97 63.9 44.2 82.2
132 98.5 69.5 129.1
130 102.8 72.2 134.0





#47
 Tetrachloroethene
 Concen: 22.503 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030529.D
 Acq: 12 Apr 2023 19:50

Instrument :
 MSVOA_V
 ClientSampleId :
 BHDZ7



Tgt Ion:164 Resp: 217131

Ion	Ratio	Lower	Upper
164	100		
129	89.8	60.8	112.8
131	86.6	61.7	114.7
166	128.3	85.6	159.0

