

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031533.D
 Acq On : 15 Jun 2023 16:00
 Operator : SY/MD
 Sample : 03249-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT1

Quant Time: Jun 16 02:49:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 02:44:48 2023
 Response via : Initial Calibration

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

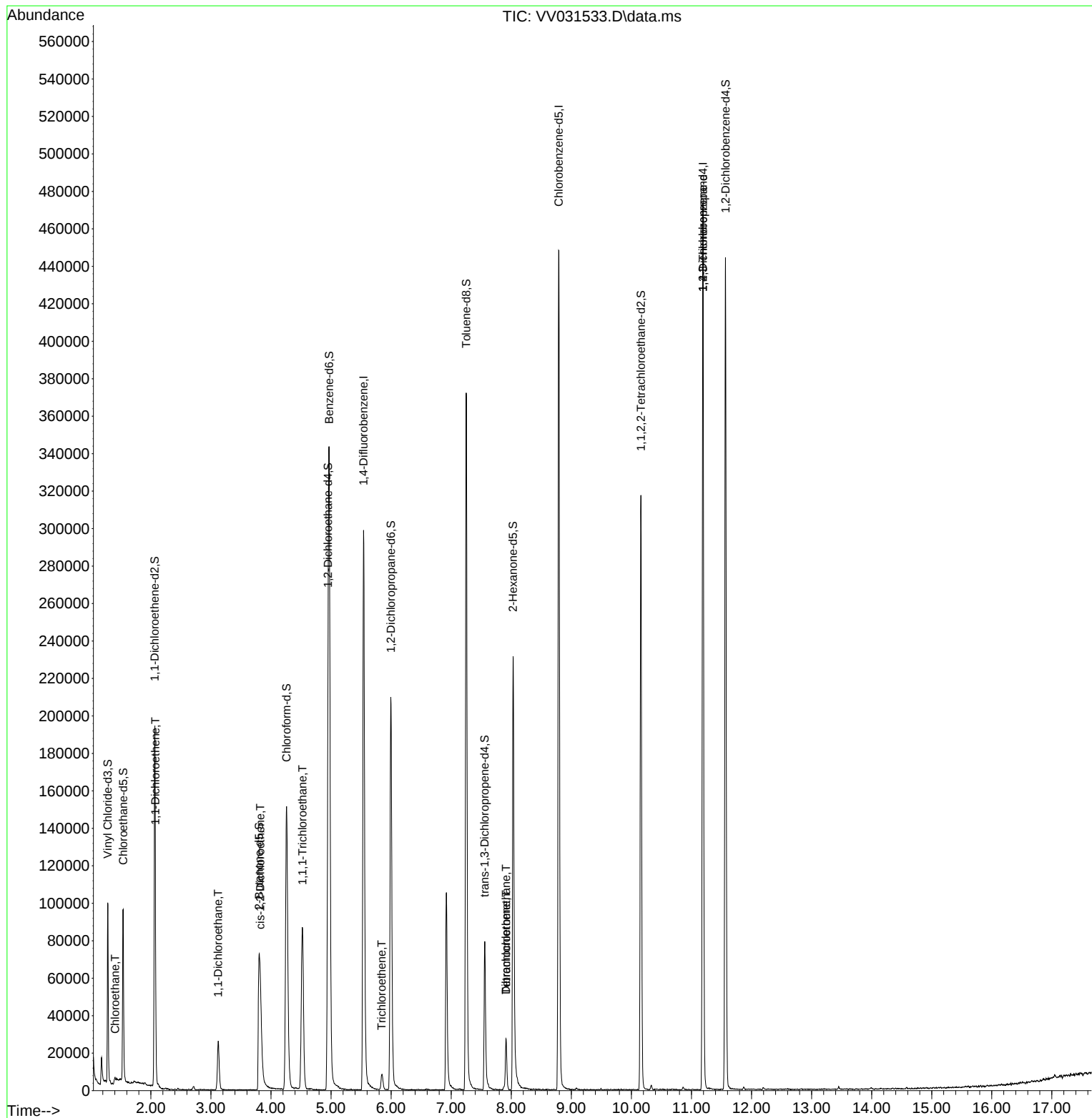
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240370	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	236930	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	119102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	63275	39.553	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.100%		
7) Chloroethane-d5	1.539	69	60282	43.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.380%		
11) 1,1-Dichloroethene-d2	2.066	65	33390	40.498	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.000%		
21) 2-Butanone-d5	3.802	46	115663	89.291	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.290%		
24) Chloroform-d	4.259	84	165408	41.286	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.580%		
26) 1,2-Dichloroethane-d4	4.950	65	110764	44.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.380%		
32) Benzene-d6	4.970	84	294853	44.212	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.420%		
36) 1,2-Dichloropropane-d6	5.995	67	107313	45.400	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.800%		
41) Toluene-d8	7.249	98	251379	41.076	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.160%		
43) trans-1,3-Dichloroprop...	7.558	79	47397	41.132	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.260%		
47) 2-Hexanone-d5	8.031	63	83257	89.209	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.210%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	153094	42.910	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.820%		
66) 1,2-Dichlorobenzene-d4	11.567	152	108030	47.584	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.160%		
Target Compounds						Qvalue
8) Chloroethane	1.407	64	4525	2.938	ug/L #	45
12) 1,1-Dichloroethene	2.076	96	2996	1.685	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	28512	7.116	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	13854	6.905	ug/L	94
30) 1,1,1-Trichloroethane	4.526	97	75624	19.908	ug/L	99
34) Trichloroethene	5.844	95	3565	1.691	ug/L	87
46) Tetrachloroethene	7.912	164	5890	3.560	ug/L	96
49) Dibromochloromethane	7.915	129	5930	2.438	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	14750	6.270	ug/L #	64

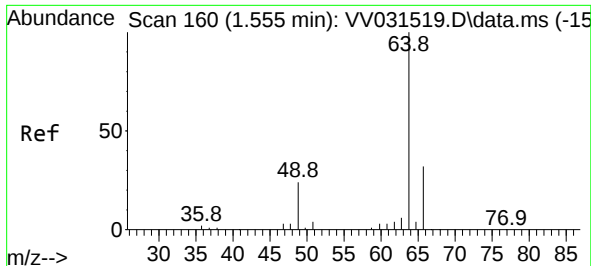
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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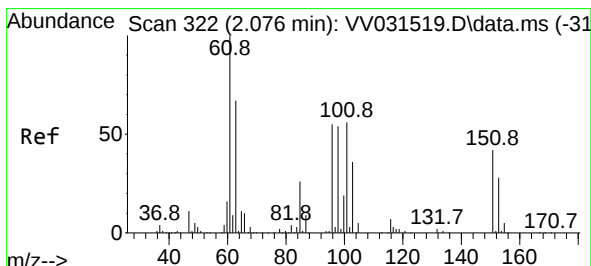
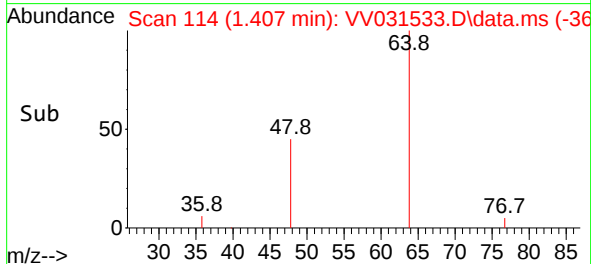
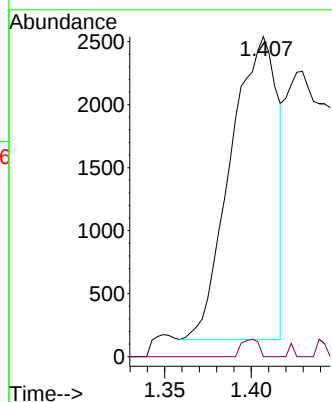
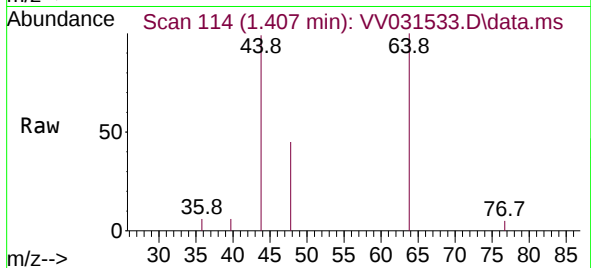




#8
Chloroethane
Concen: 2.938 ug/L
RT: 1.407 min Scan# 114
Delta R.T. -0.148 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

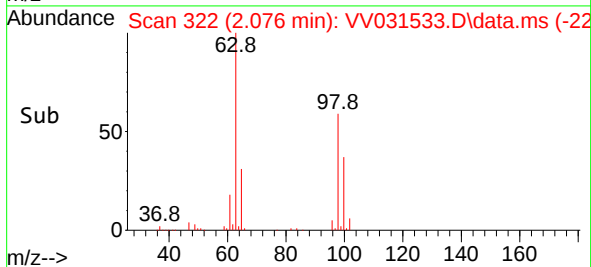
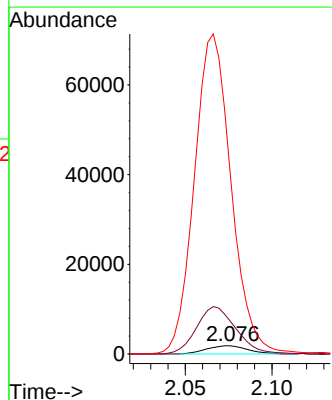
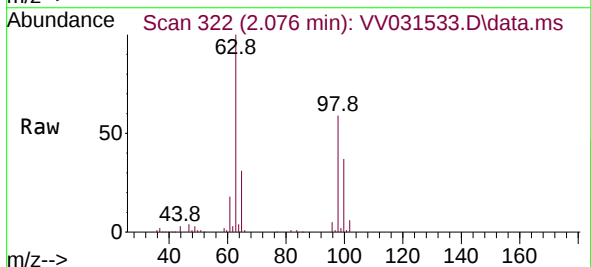
Instrument :
MSVOA_V
ClientSampleId :
EXYT1

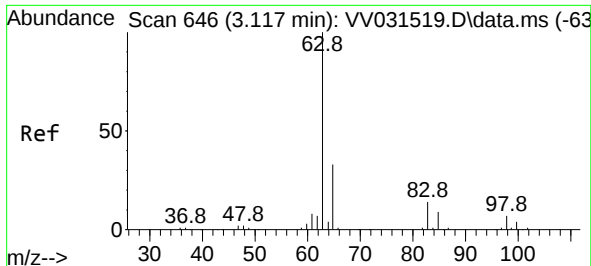
Tgt Ion: 64 Resp: 4525
Ion Ratio Lower Upper
64 100
66 0.0 21.0 39.0#



#12
1,1-Dichloroethene
Concen: 1.685 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.000 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

Tgt Ion: 96 Resp: 2996
Ion Ratio Lower Upper
96 100
61 400.2 128.9 239.5#
63 2206.1 95.3 177.1#





#19

1,1-Dichloroethane

Concen: 7.116 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031533.D

Acq: 15 Jun 2023 16:00

Instrument :

MSVOA_V

ClientSampleId :

EXYT1

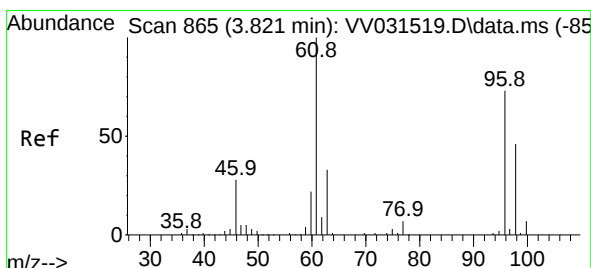
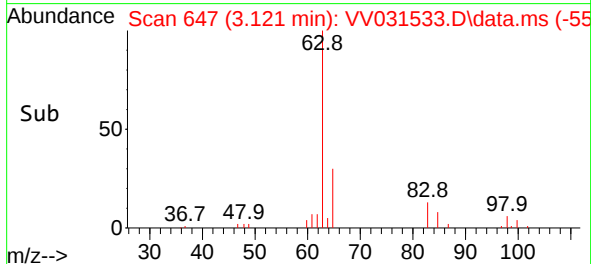
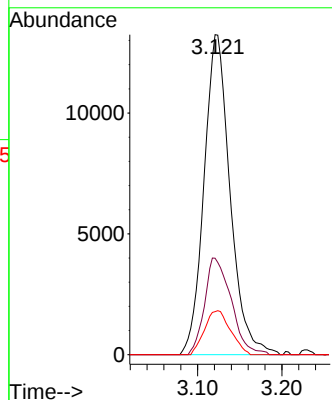
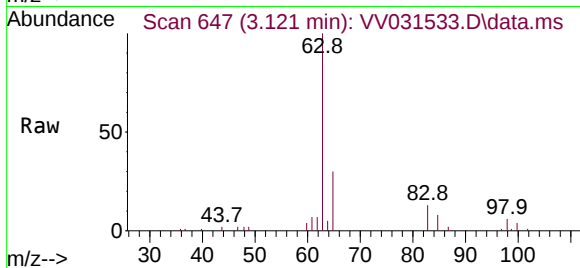
Tgt Ion: 63 Resp: 28512

Ion Ratio Lower Upper

63 100

65 30.2 22.5 41.7

83 13.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 6.905 ug/L

RT: 3.822 min Scan# 865

Delta R.T. 0.000 min

Lab File: VV031533.D

Acq: 15 Jun 2023 16:00

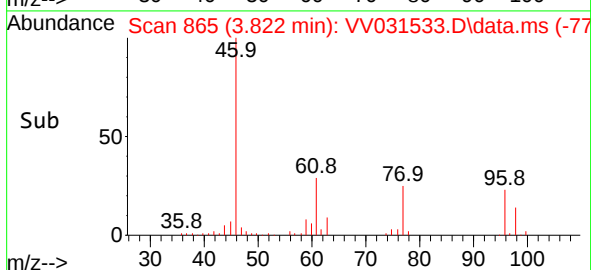
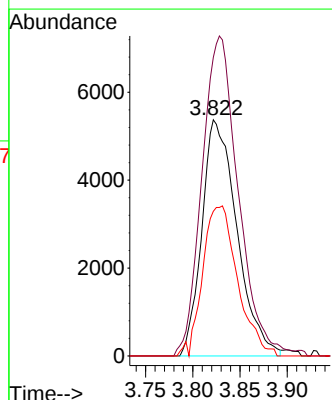
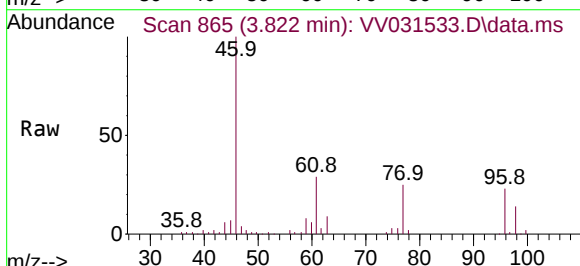
Tgt Ion: 96 Resp: 13854

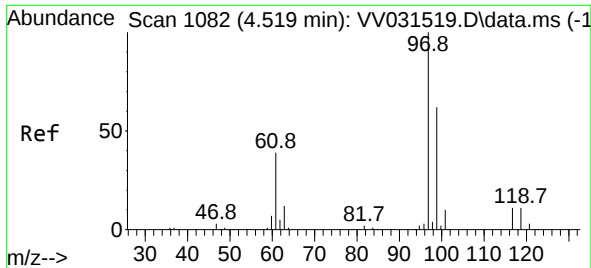
Ion Ratio Lower Upper

96 100

61 133.8 98.6 183.0

98 61.2 45.7 84.9

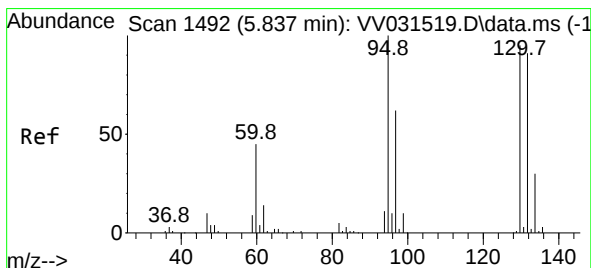
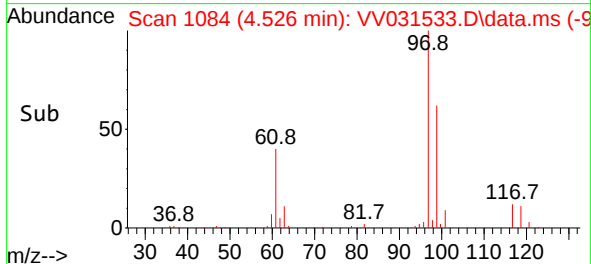
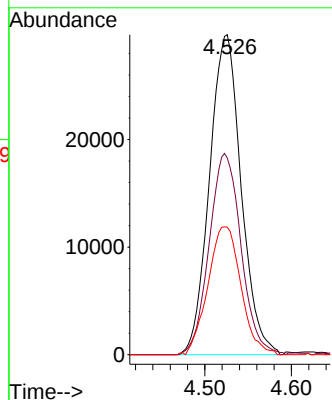
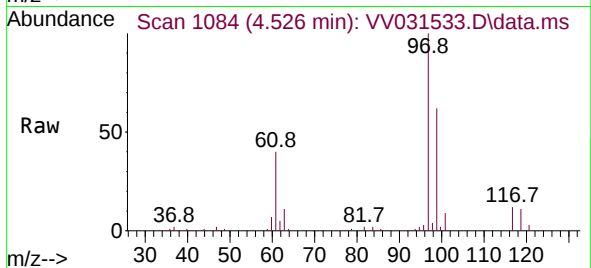




#30
1,1,1-Trichloroethane
Concen: 19.908 ug/L
RT: 4.526 min Scan# 1082
Delta R.T. 0.007 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

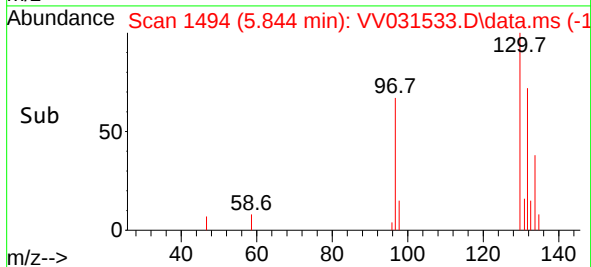
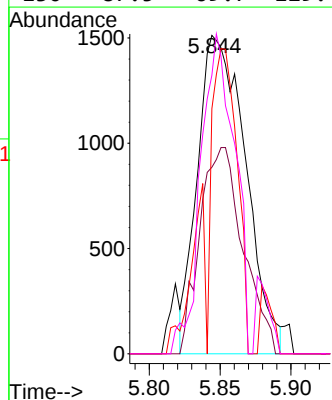
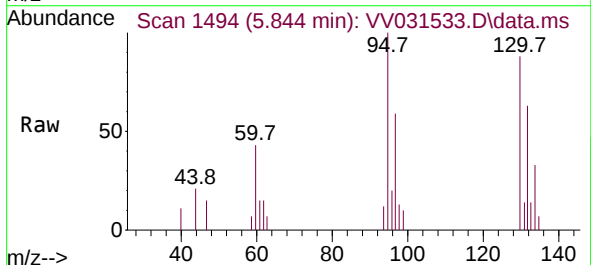
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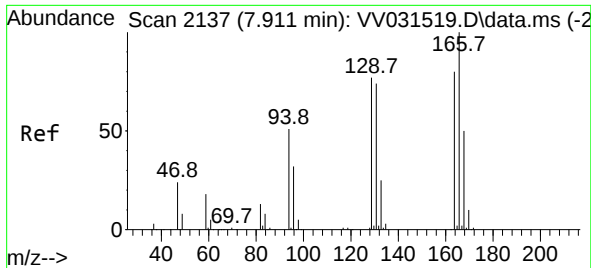
Tgt Ion: 97 Resp: 75624
Ion Ratio Lower Upper
97 100
99 63.3 51.8 77.6
61 41.5 33.0 49.6



#34
Trichloroethene
Concen: 1.691 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.007 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

Tgt Ion: 95 Resp: 3565
Ion Ratio Lower Upper
95 100
97 71.6 46.8 86.8
132 77.0 66.4 123.2
130 87.5 69.7 129.4

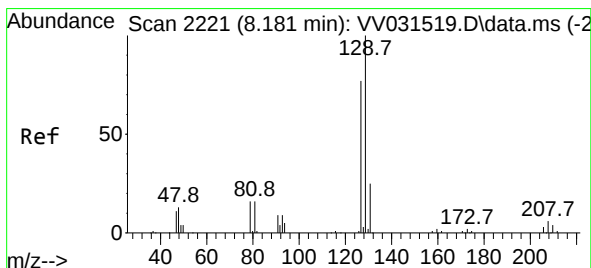
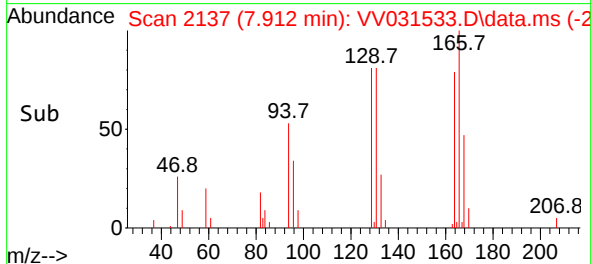
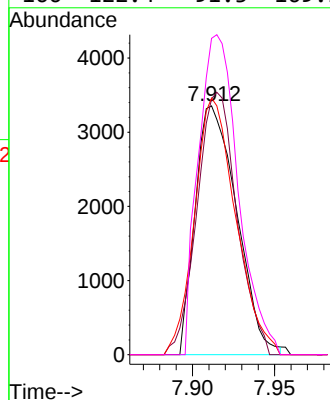
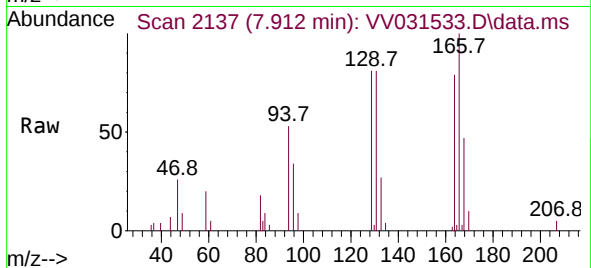




#46
Tetrachloroethene
Concen: 3.560 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

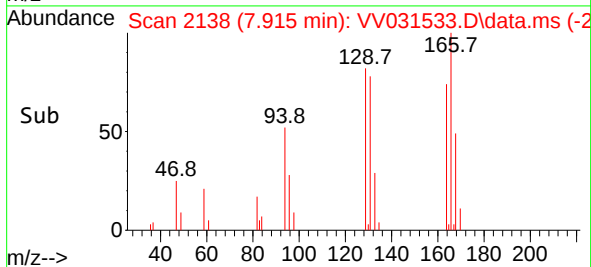
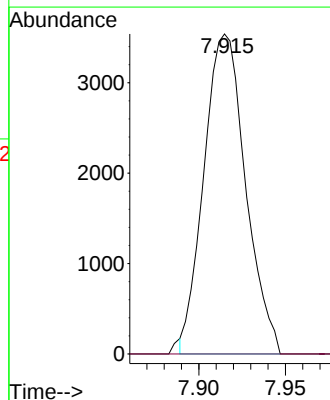
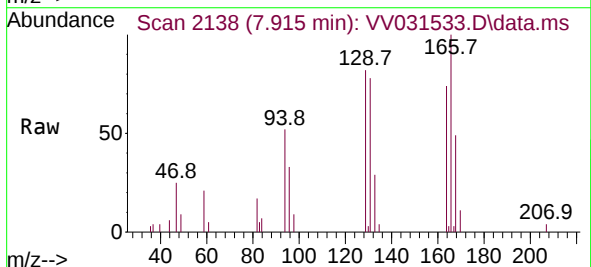
Instrument :
MSVOA_V
ClientSampleId :
EXYT1

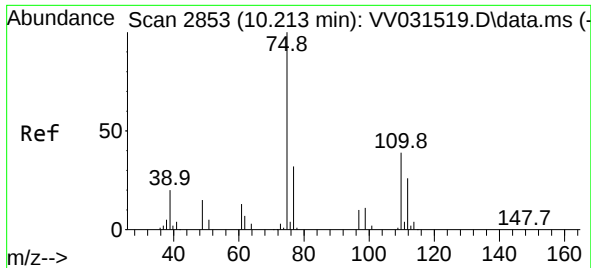
Tgt Ion:	164	Resp:	5890
Ion	Ratio	Lower	Upper
164	100		
129	99.0	68.4	127.0
131	99.3	67.6	125.6
166	122.4	91.3	169.5



#49
Dibromochloromethane
Concen: 2.438 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.267 min
Lab File: VV031533.D
Acq: 15 Jun 2023 16:00

Tgt Ion:	129	Resp:	5930
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.270 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV031533.D
 Acq: 15 Jun 2023 16:00

Instrument :
 MSVOA_V
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 EXYT1

Tgt Ion: 75 Resp: 14750
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.4 38.0
 110 2.7 31.3 46.9#

