

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031549.D
 Acq On : 15 Jun 2023 23:28
 Operator : SY/MD
 Sample : 03254-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW4

Quant Time: Jun 16 06:18:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 16 05:51:14 2023
 Response via : Initial Calibration

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

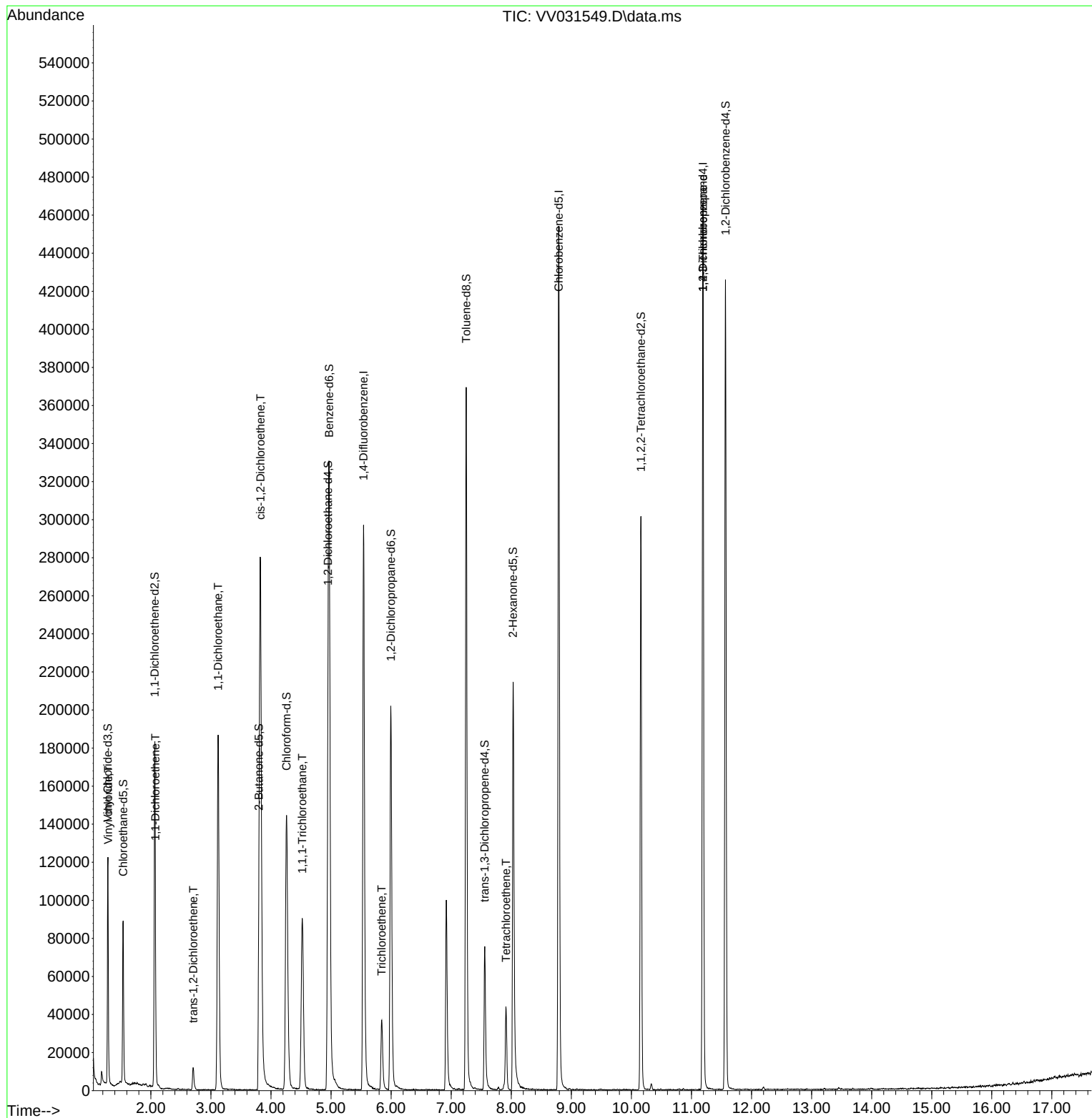
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	238042	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	240734	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116078	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	57777	36.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.940%
7) Chloroethane-d5	1.539	69	56061	40.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	2.066	65	30846	37.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.560%
21) 2-Butanone-d5	3.799	46	112151	87.426	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.430%
24) Chloroform-d	4.259	84	162461	40.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.900%
26) 1,2-Dichloroethane-d4	4.950	65	107476	43.295	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
32) Benzene-d6	4.970	84	283220	41.797	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.995	67	100891	42.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.020%
41) Toluene-d8	7.249	98	241937	38.908	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.820%#
43) trans-1,3-Dichloroprop...	7.558	79	46334	39.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.140%
47) 2-Hexanone-d5	8.030	63	79546	83.886	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.890%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	144727	39.924	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.840%
66) 1,2-Dichlorobenzene-d4	11.567	152	106187	47.991	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	22935	9.711	ug/L	96
12) 1,1-Dichloroethene	2.076	96	2201	1.250	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	4665	2.537	ug/L	95
19) 1,1-Dichloroethane	3.121	63	194601	49.041	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	133701	67.291	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	79399	20.571	ug/L	100
34) Trichloroethene	5.844	95	13399	6.256	ug/L	87
46) Tetrachloroethene	7.912	164	10268	6.109	ug/L	88
61) 1,2,3-Trichloropropane	11.191	75	14186	6.187	ug/L #	65

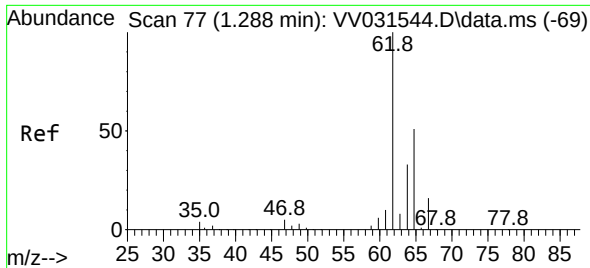
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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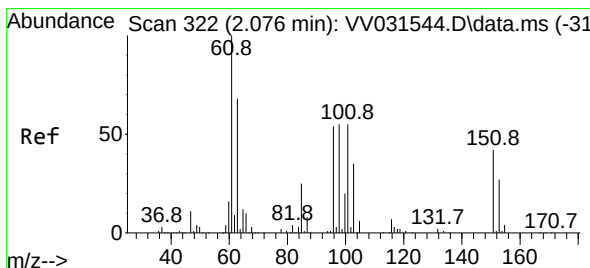
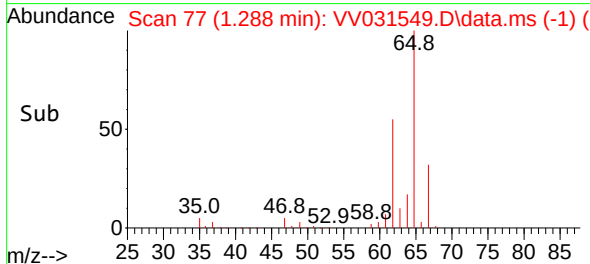
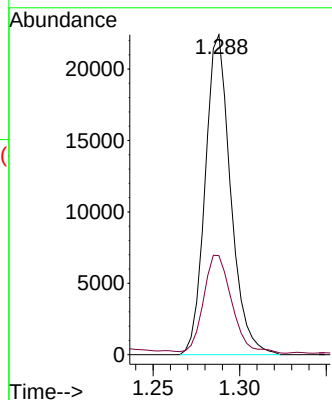
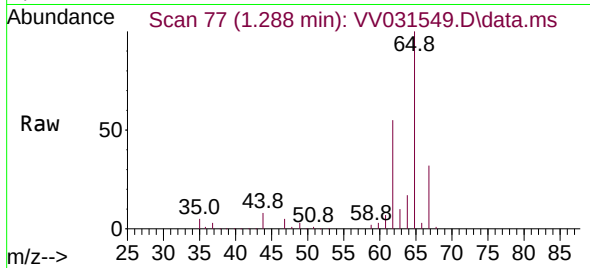




#5
 Vinyl chloride
 Concen: 9.711 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV031549.D
 Acq: 15 Jun 2023 23:28

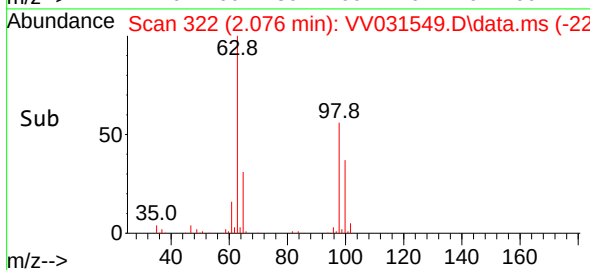
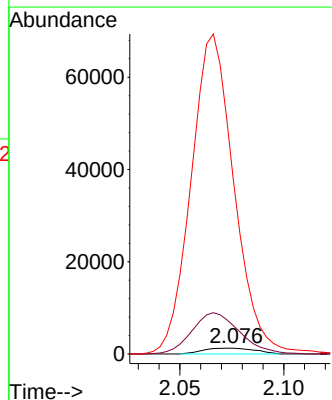
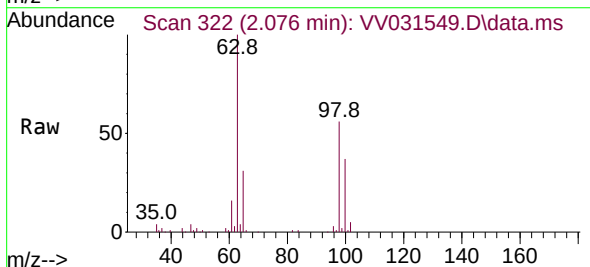
Instrument :
 MSVOA_V
 ClientSampleId :
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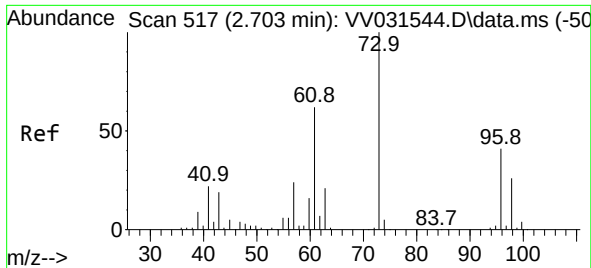
Tgt Ion: 62 Resp: 22935
 Ion Ratio Lower Upper
 62 100
 64 31.0 23.4 43.4



#12
 1,1-Dichloroethene
 Concen: 1.250 ug/L
 RT: 2.076 min Scan# 322
 Delta R.T. 0.000 min
 Lab File: VV031549.D
 Acq: 15 Jun 2023 23:28

Tgt Ion: 96 Resp: 2201
 Ion Ratio Lower Upper
 96 100
 61 495.9 128.9 239.5#
 63 3050.1 95.3 177.1#

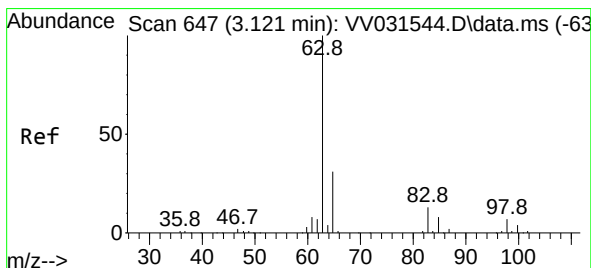
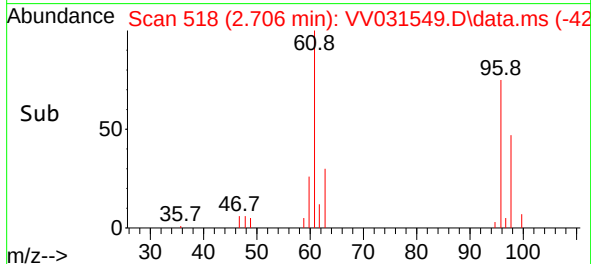
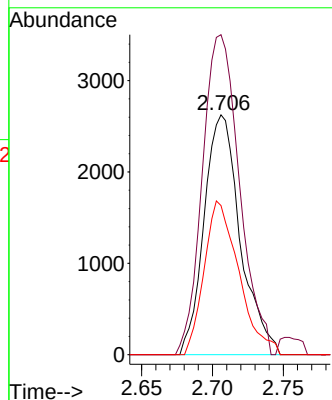
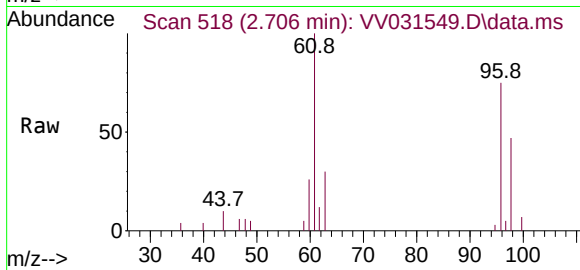




#17
trans-1,2-Dichloroethene
Concen: 2.537 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV031549.D
Acq: 15 Jun 2023 23:28

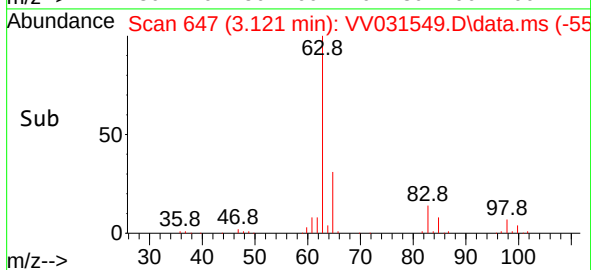
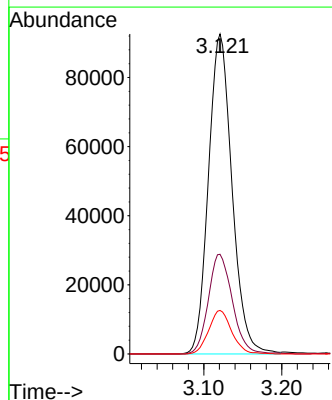
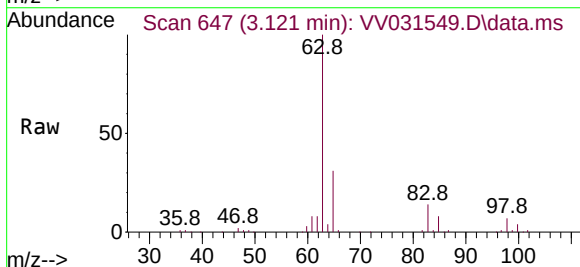
Instrument :
MSVOA_V
ClientSampleId :
EXYW4

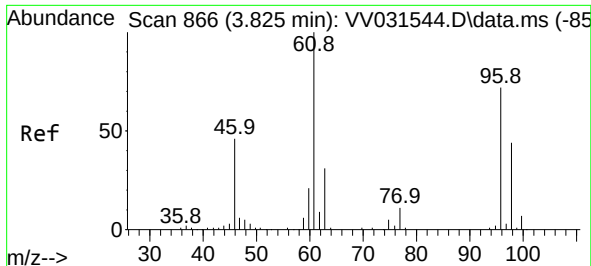
Tgt Ion: 96 Resp: 4665
Ion Ratio Lower Upper
96 100
61 140.8 102.5 190.3
98 58.3 44.1 81.9



#19
1,1-Dichloroethane
Concen: 49.041 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.000 min
Lab File: VV031549.D
Acq: 15 Jun 2023 23:28

Tgt Ion: 63 Resp: 194601
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.7
83 13.6 10.0 18.6

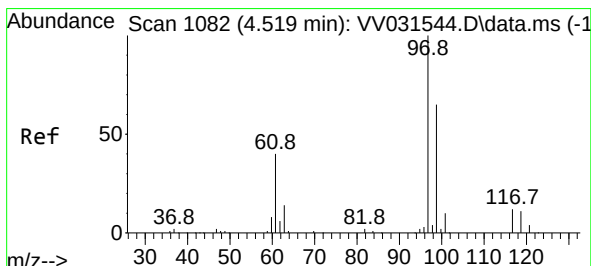
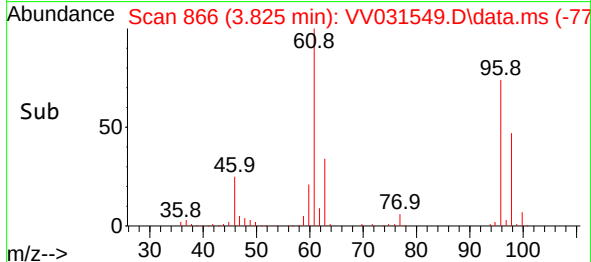
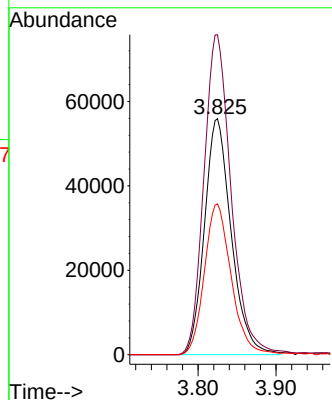
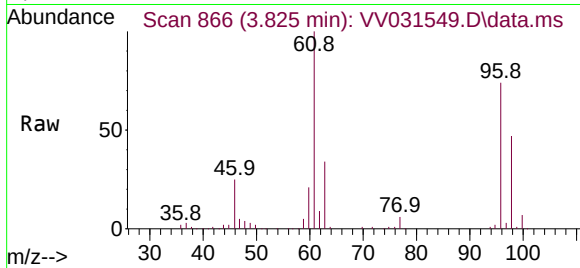




#20
 cis-1,2-Dichloroethene
 Concen: 67.291 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031549.D
 Acq: 15 Jun 2023 23:28

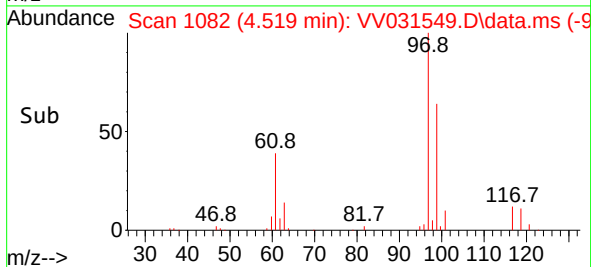
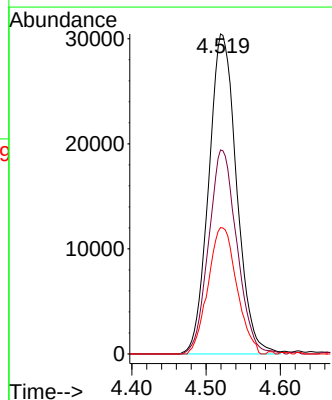
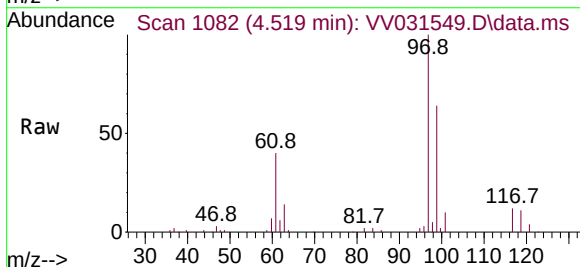
Instrument :
 MSVOA_V
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 EXYW4

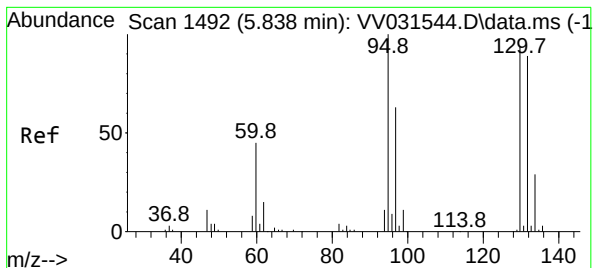
Tgt Ion: 96 Resp: 133701
 Ion Ratio Lower Upper
 96 100
 61 135.6 98.6 183.0
 98 64.0 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 20.571 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. 0.000 min
 Lab File: VV031549.D
 Acq: 15 Jun 2023 23:28

Tgt Ion: 97 Resp: 79399
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.8 77.6
 61 40.6 33.0 49.6





#34

Trichloroethene

Concen: 6.256 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.007 min

Lab File: VV031549.D

Acq: 15 Jun 2023 23:28

Instrument :

MSVOA_V

ClientSampleId :

EXYW4

Tgt Ion: 95 Resp: 13399

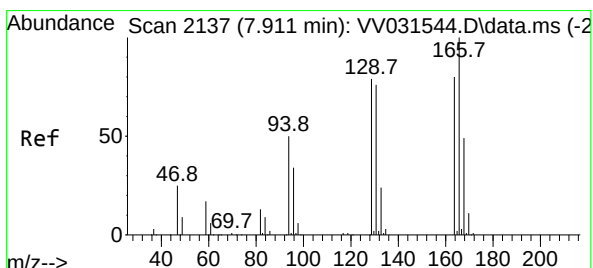
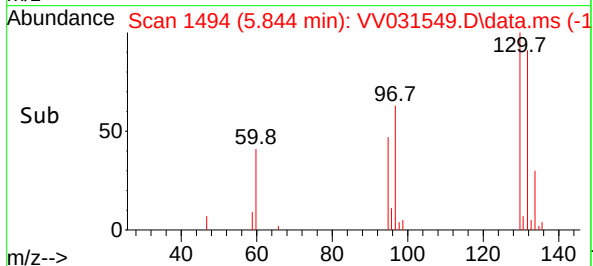
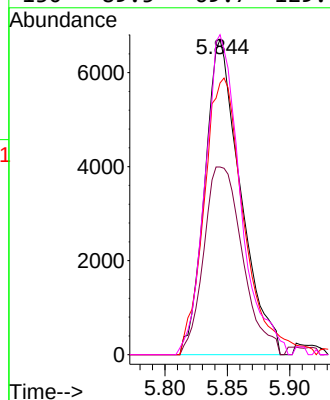
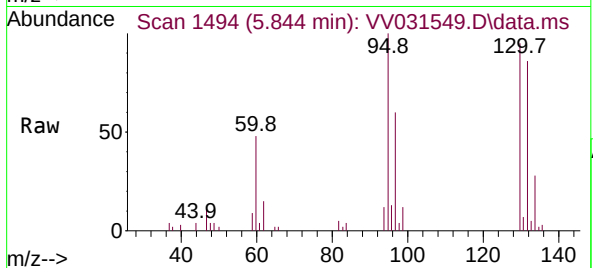
Ion Ratio Lower Upper

95 100

97 56.0 46.8 86.8

132 80.5 66.4 123.2

130 89.5 69.7 129.4



#46

Tetrachloroethene

Concen: 6.109 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031549.D

Acq: 15 Jun 2023 23:28

Tgt Ion:164 Resp: 10268

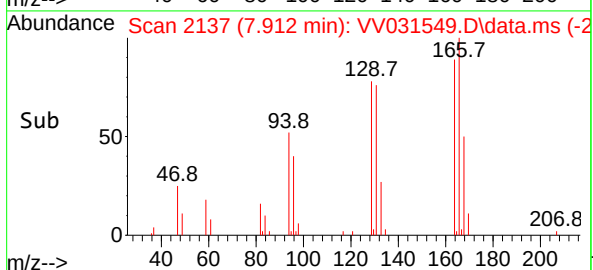
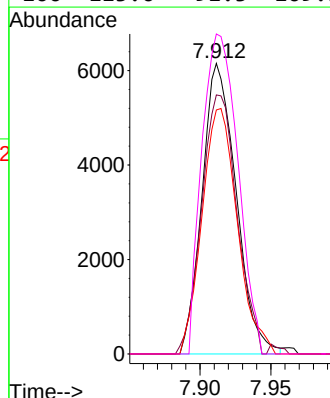
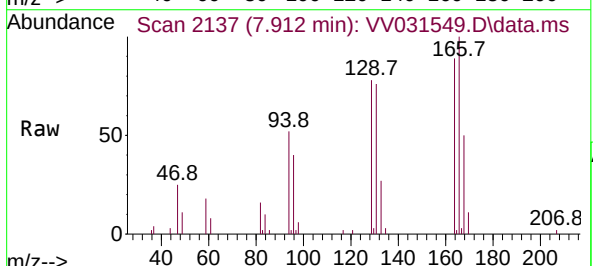
Ion Ratio Lower Upper

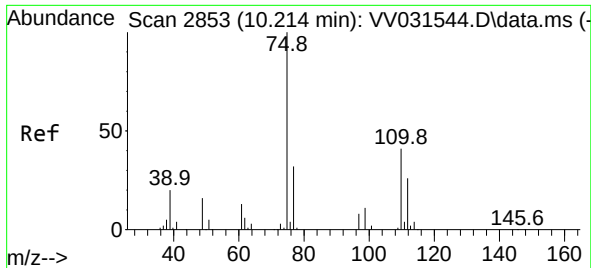
164 100

129 89.1 68.4 127.0

131 84.0 67.6 125.6

166 113.6 91.3 169.5





#61
 1,2,3-Trichloropropane
 Concen: 6.187 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV031549.D
 Acq: 15 Jun 2023 23:28

Instrument :
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Tgt Ion: 75 Resp: 14186
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 110 2.4 31.3 46.9#

