

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031548.D
 Acq On : 15 Jun 2023 23:05
 Operator : SY/MD
 Sample : 03254-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW3

Quant Time: Jun 16 06:18:04 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)

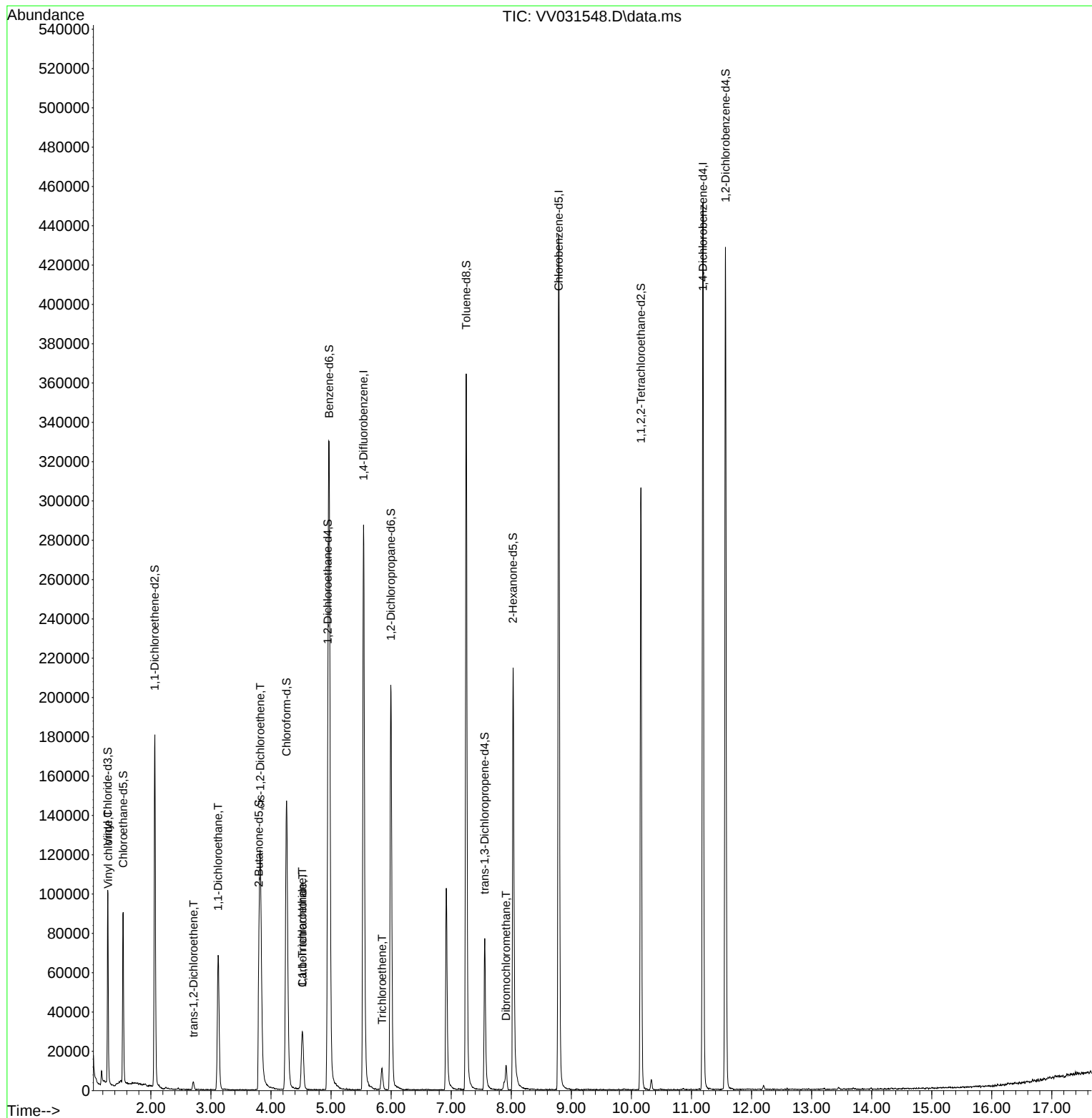
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	235829	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	231289	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	113965	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	59876	38.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.300%
7) Chloroethane-d5	1.539	69	56861	41.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.040%
11) 1,1-Dichloroethene-d2	2.066	65	31656	39.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.260%
21) 2-Butanone-d5	3.799	46	107833	84.849	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.850%
24) Chloroform-d	4.259	84	163251	41.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.060%
26) 1,2-Dichloroethane-d4	4.947	65	106733	43.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
32) Benzene-d6	4.969	84	286608	44.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
36) 1,2-Dichloropropane-d6	5.995	67	101698	44.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.140%
41) Toluene-d8	7.249	98	244366	40.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.558	79	46963	41.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.500%
47) 2-Hexanone-d5	8.030	63	77604	85.180	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.180%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145843	41.874	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.740%
66) 1,2-Dichlorobenzene-d4	11.567	152	106227	48.899	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	6448	2.756	ug/L	89
17) trans-1,2-Dichloroethene	2.709	96	1702	0.934	ug/L #	70
19) 1,1-Dichloroethane	3.121	63	72529	18.450	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	47681	24.223	ug/L	94
30) 1,1,1-Trichloroethane	4.519	97	25865	6.975	ug/L	98
31) Carbon tetrachloride	4.522	117	3013	0.917	ug/L	97
34) Trichloroethene	5.850	95	3988	1.938	ug/L	82
49) Dibromochloromethane	7.915	129	2589	1.091	ug/L #	9

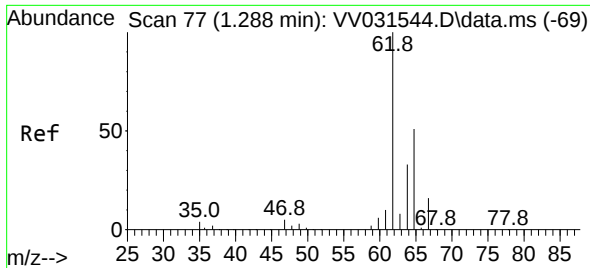
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031548.D
Acq On : 15 Jun 2023 23:05
Operator : SY/MD
Sample : 03254-06
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYW3

Quant Time: Jun 16 06:18:04 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

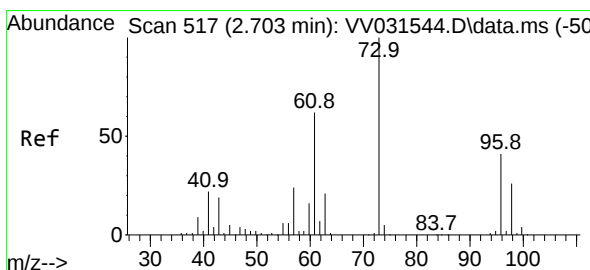
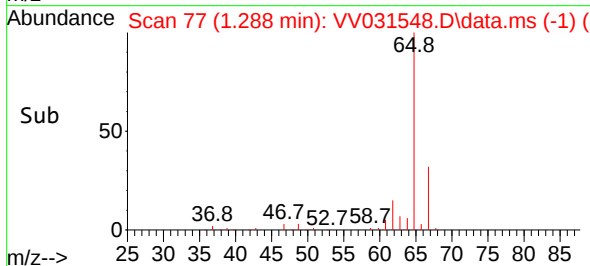
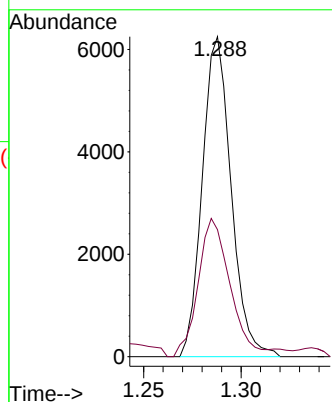
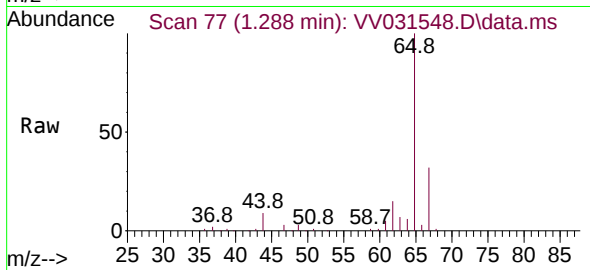




#5
 Vinyl chloride
 Concen: 2.756 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031548.D
 Acq: 15 Jun 2023 23:05

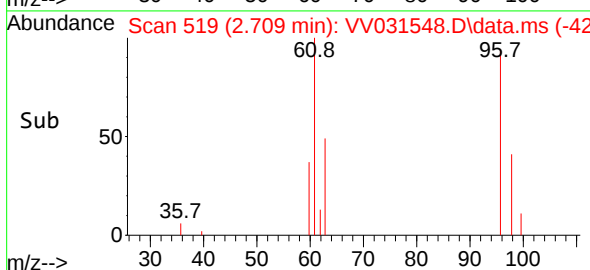
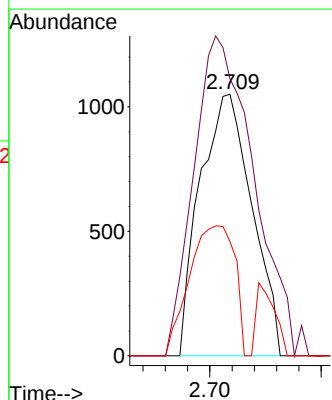
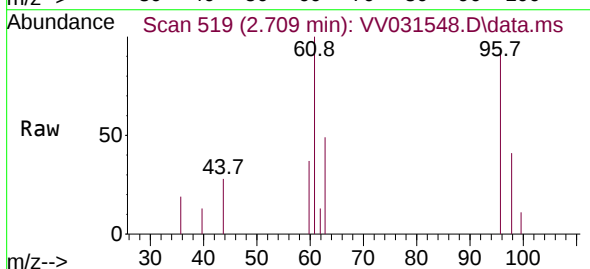
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW3

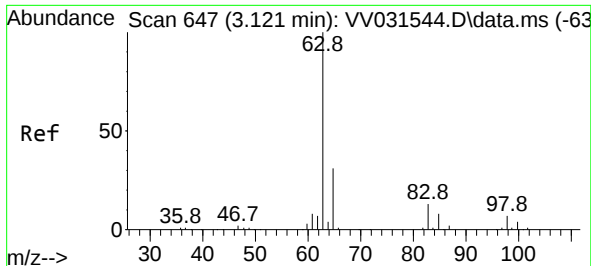
Tgt Ion: 62 Resp: 6448
 Ion Ratio Lower Upper
 62 100
 64 39.7 23.4 43.4



#17
 trans-1,2-Dichloroethene
 Concen: 0.934 ug/L
 RT: 2.709 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: VV031548.D
 Acq: 15 Jun 2023 23:05

Tgt Ion: 96 Resp: 1702
 Ion Ratio Lower Upper
 96 100
 61 105.9 102.5 190.3
 98 43.7 44.1 81.9#





#19

1,1-Dichloroethane

Concen: 18.450 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031548.D

Acq: 15 Jun 2023 23:05

Instrument :

MSVOA_V

ClientSampleId :

EXYW3

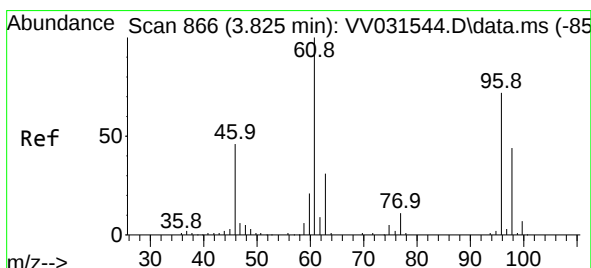
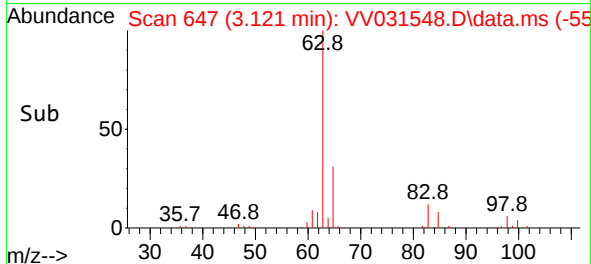
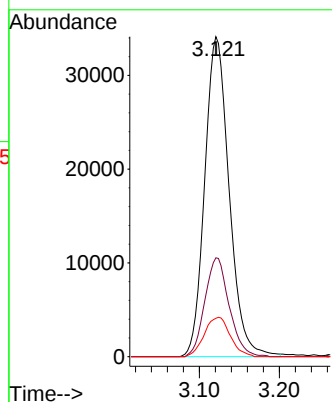
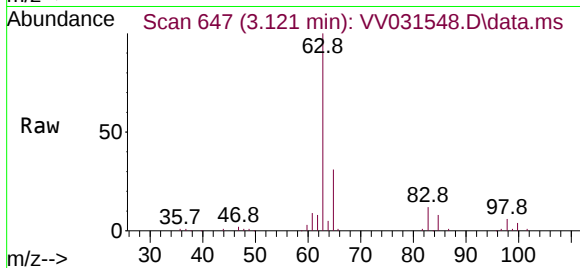
Tgt Ion: 63 Resp: 72529

Ion Ratio Lower Upper

63 100

65 31.5 22.5 41.7

83 12.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 24.223 ug/L

RT: 3.822 min Scan# 865

Delta R.T. -0.003 min

Lab File: VV031548.D

Acq: 15 Jun 2023 23:05

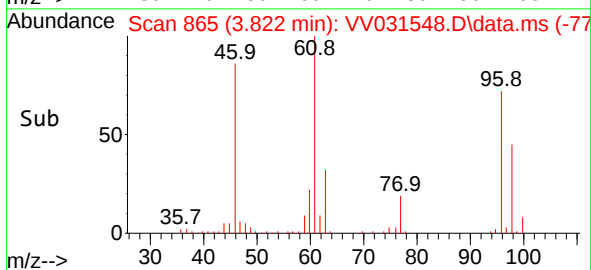
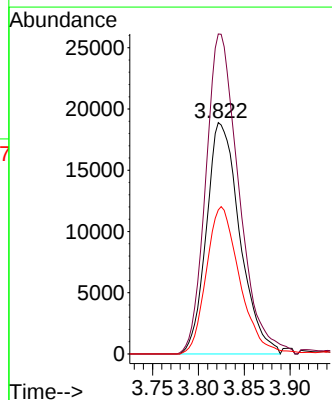
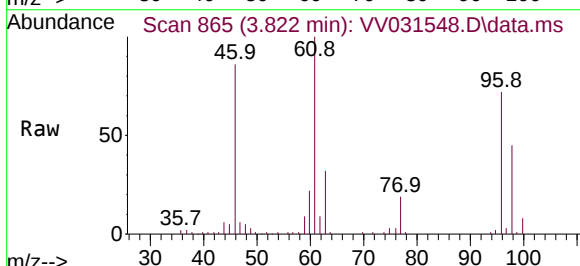
Tgt Ion: 96 Resp: 47681

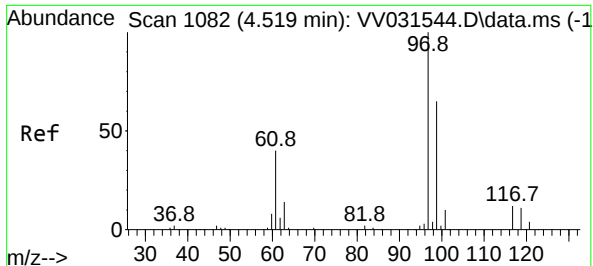
Ion Ratio Lower Upper

96 100

61 133.0 98.6 183.0

98 61.4 45.7 84.9





#30

1,1,1-Trichloroethane

Concen: 6.975 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031548.D

Acq: 15 Jun 2023 23:05

Instrument :

MSVOA_V

ClientSampleId :

EXYW3

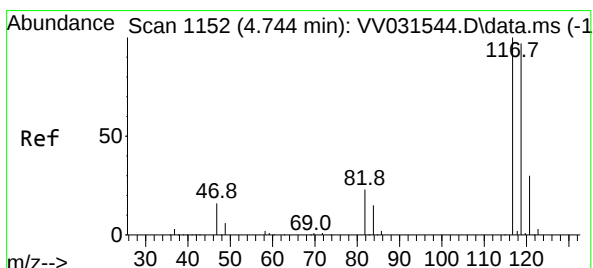
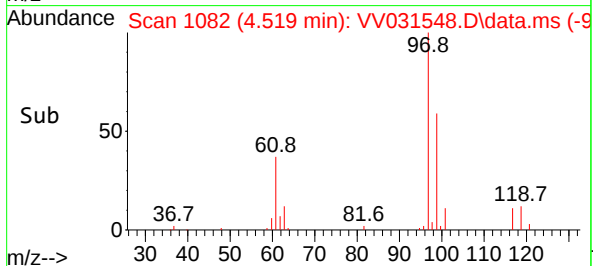
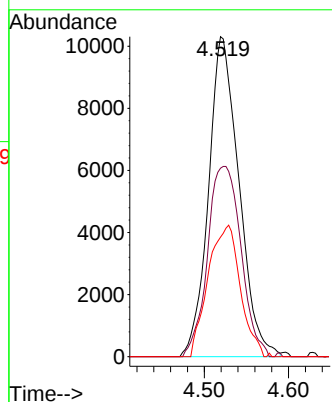
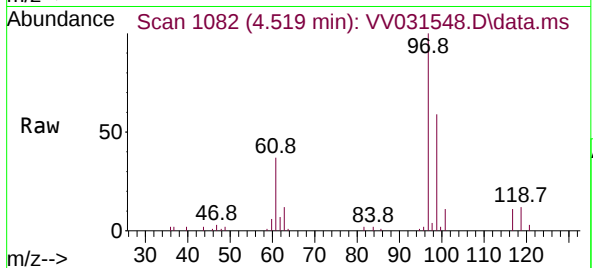
Tgt Ion: 97 Resp: 25865

Ion Ratio Lower Upper

97 100

99 65.4 51.8 77.6

61 43.4 33.0 49.6



#31

Carbon tetrachloride

Concen: 0.917 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. -0.222 min

Lab File: VV031548.D

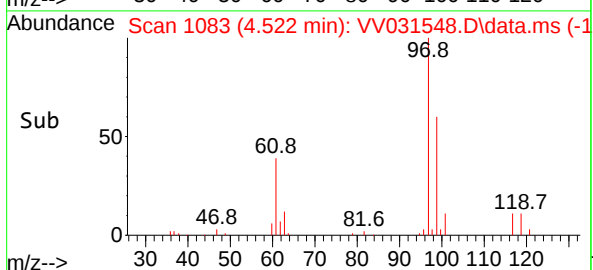
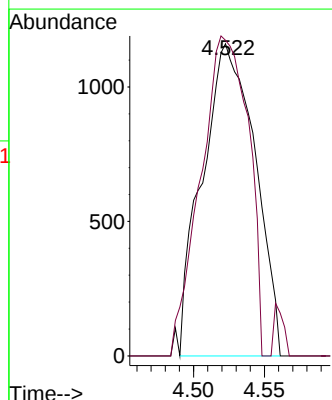
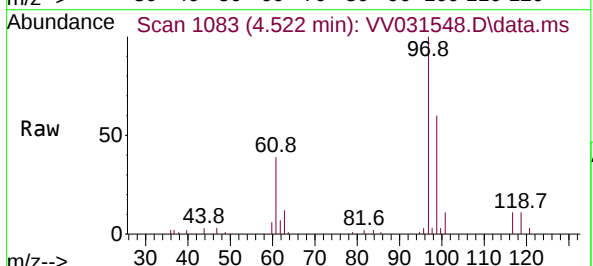
Acq: 15 Jun 2023 23:05

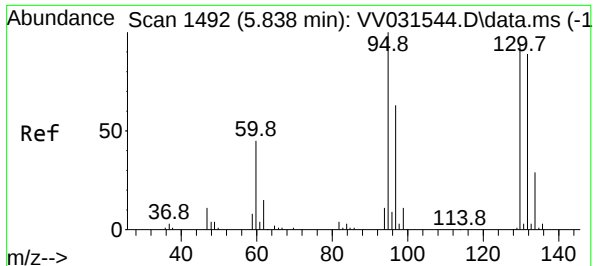
Tgt Ion: 117 Resp: 3013

Ion Ratio Lower Upper

117 100

119 92.4 76.2 114.4



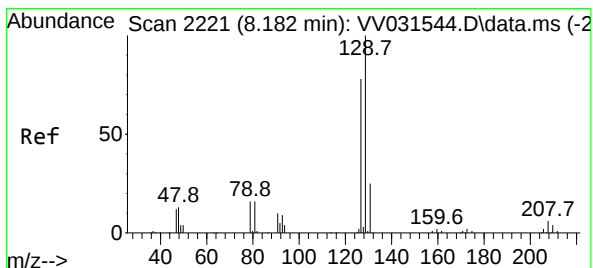
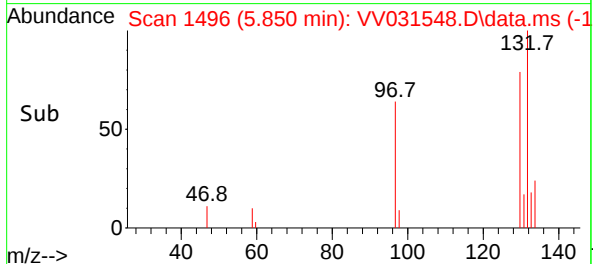
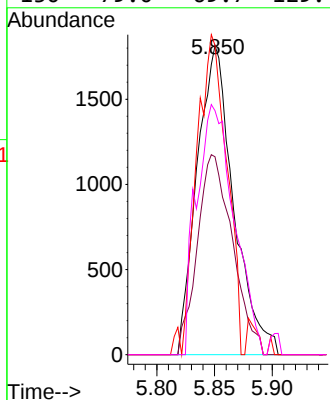
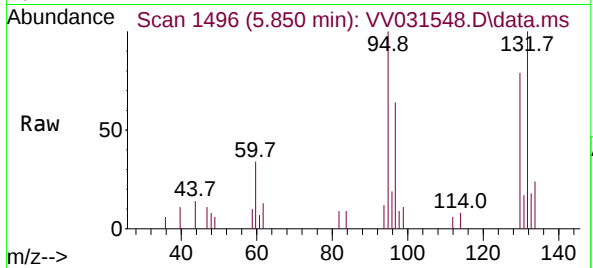


#34
Trichloroethene
Concen: 1.938 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VV031548.D
Acq: 15 Jun 2023 23:05

Instrument :
MSVOA_V
ClientSampleId :
EXYW3

Tgt Ion: 95 Resp: 3988

Ion	Ratio	Lower	Upper
95	100		
97	72.8	46.8	86.8
132	118.0	66.4	123.2
130	79.0	69.7	129.4



#49
Dibromochloromethane
Concen: 1.091 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.267 min
Lab File: VV031548.D
Acq: 15 Jun 2023 23:05

Tgt Ion: 129 Resp: 2589

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

