

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031569.D
 Acq On : 16 Jun 2023 12:28
 Operator : SY/MD
 Sample : 03254-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW3

Quant Time: Jun 17 02:27:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

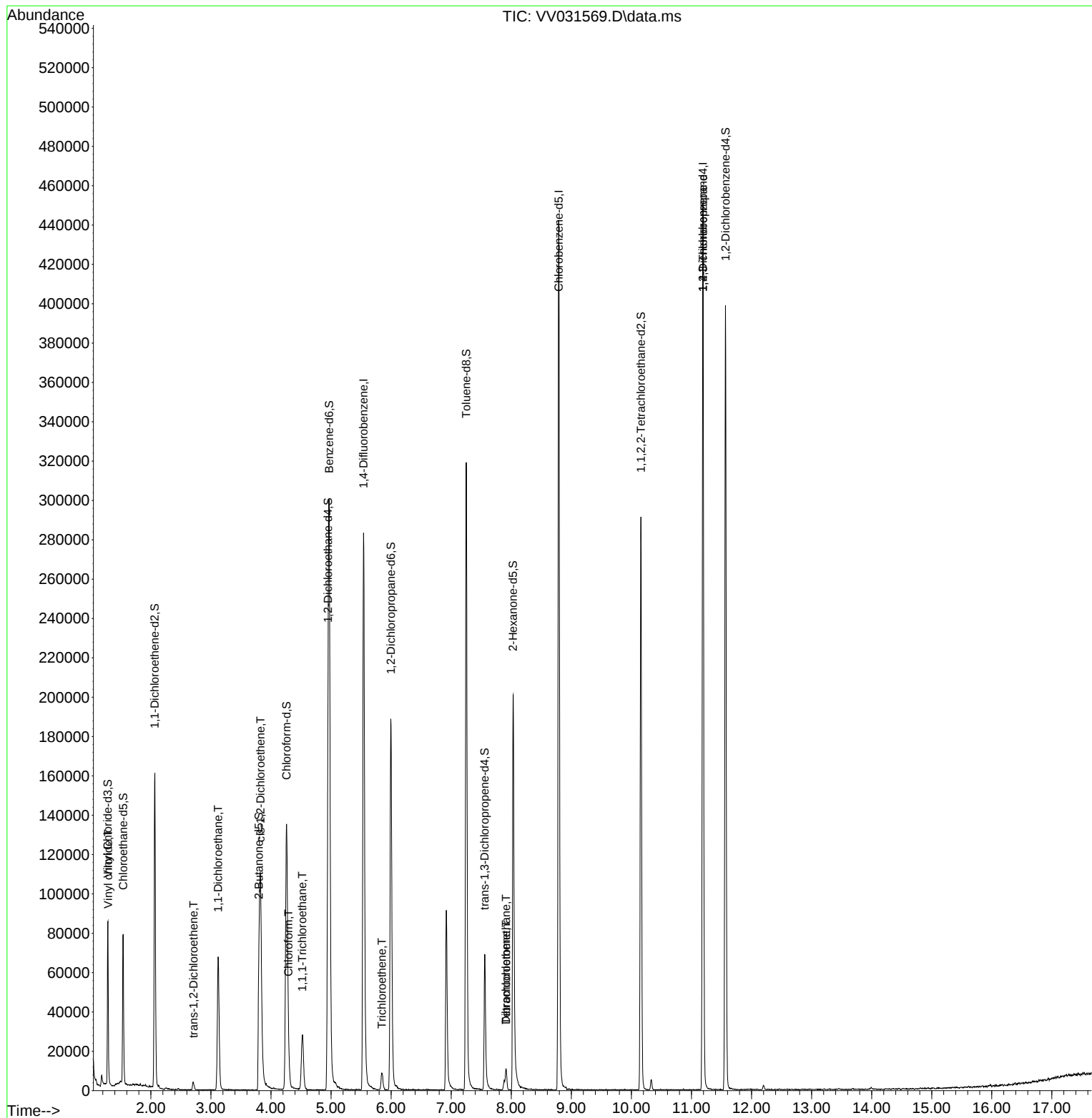
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	232443	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	235322	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116269	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50597	32.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.420%
7) Chloroethane-d5	1.539	69	51109	37.864	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.720%
11) 1,1-Dichloroethene-d2	2.066	65	27705	34.749	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.500%
21) 2-Butanone-d5	3.799	46	95946	76.595	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.600%
24) Chloroform-d	4.259	84	148990	38.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.920%
26) 1,2-Dichloroethane-d4	4.950	65	100304	41.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.760%
32) Benzene-d6	4.969	84	256310	38.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	5.995	67	94684	40.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.660%
41) Toluene-d8	7.249	98	217193	35.732	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.460%#
43) trans-1,3-Dichloroprop...	7.558	79	43839	38.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.600%
47) 2-Hexanone-d5	8.030	63	70917	76.506	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.510%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	139592	39.393	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	98813	44.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.160%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	5941	2.576	ug/L	91
17) trans-1,2-Dichloroethene	2.709	96	1651	0.920	ug/L	81
19) 1,1-Dichloroethane	3.121	63	70133	18.100	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	44611	22.993	ug/L	94
25) Chloroform	4.291	83	7948	1.973	ug/L	83
30) 1,1,1-Trichloroethane	4.519	97	24594	6.519	ug/L #	92
34) Trichloroethene	5.847	95	2142	1.023	ug/L	88
46) Tetrachloroethene	7.911	164	1673	1.018	ug/L	92
49) Dibromochloromethane	7.911	129	2566	1.062	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	13329	5.804	ug/L #	66

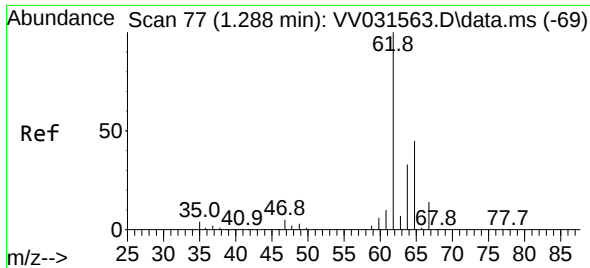
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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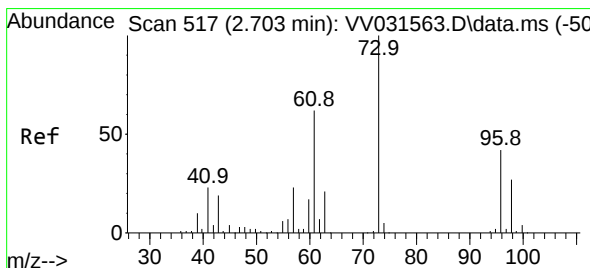
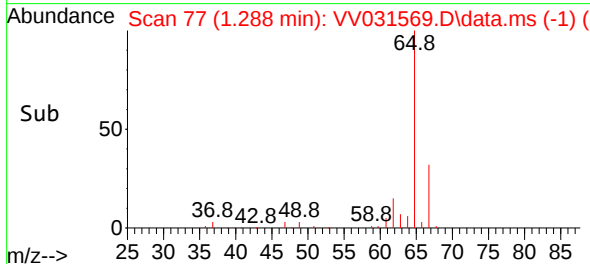
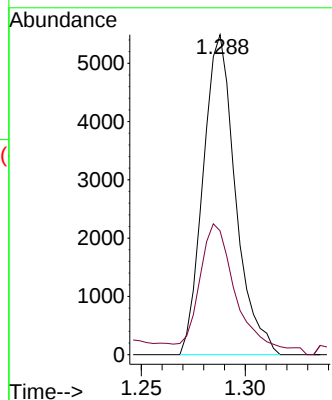
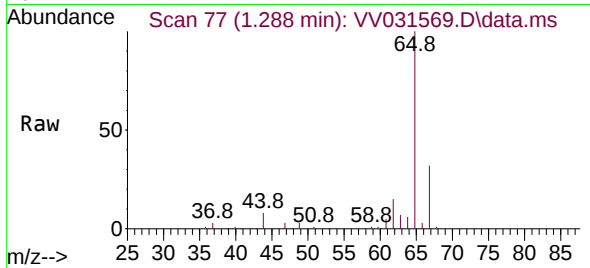




#5
 Vinyl chloride
 Concen: 2.576 ug/L
 RT: 1.288 min Scan# 77
 Delta R.T. -0.000 min
 Lab File: VV031569.D
 Acq: 16 Jun 2023 12:28

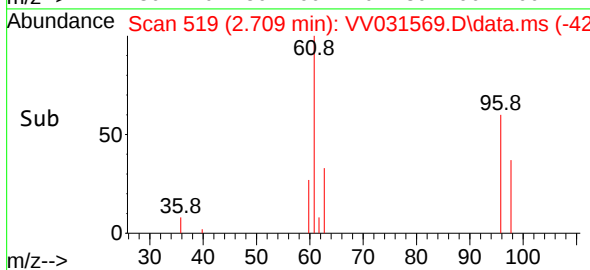
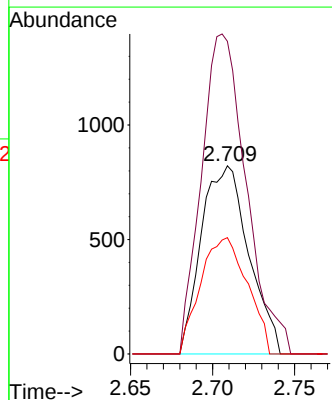
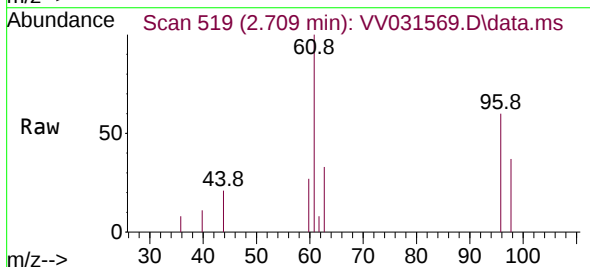
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW3

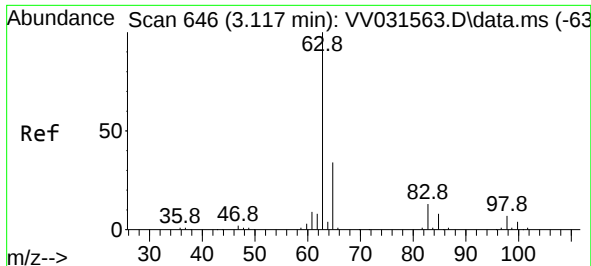
Tgt Ion: 62 Resp: 5941
 Ion Ratio Lower Upper
 62 100
 64 38.7 23.4 43.4



#17
 trans-1,2-Dichloroethene
 Concen: 0.920 ug/L
 RT: 2.709 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: VV031569.D
 Acq: 16 Jun 2023 12:28

Tgt Ion: 96 Resp: 1651
 Ion Ratio Lower Upper
 96 100
 61 180.3 102.5 190.3
 98 61.8 44.1 81.9





#19

1,1-Dichloroethane

Concen: 18.100 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031569.D

Acq: 16 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

EXYW3

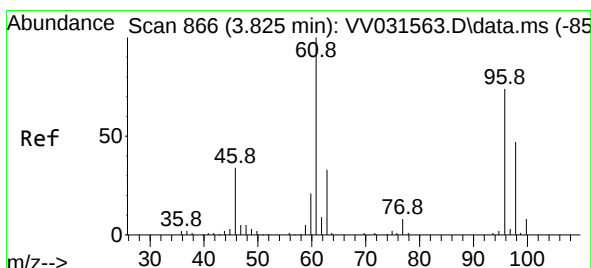
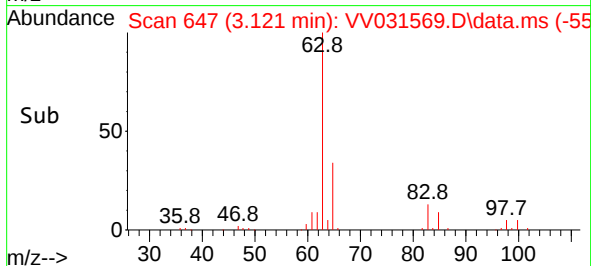
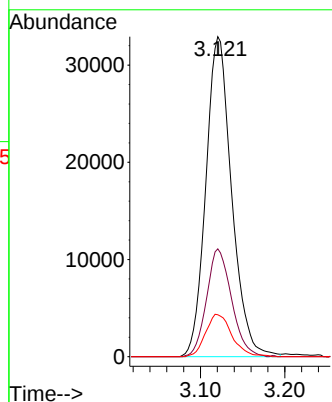
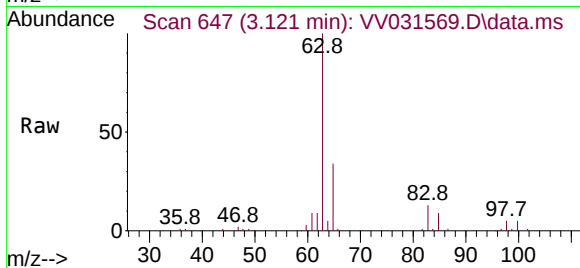
Tgt Ion: 63 Resp: 70133

Ion Ratio Lower Upper

63 100

65 34.4 22.5 41.7

83 13.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 22.993 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV031569.D

Acq: 16 Jun 2023 12:28

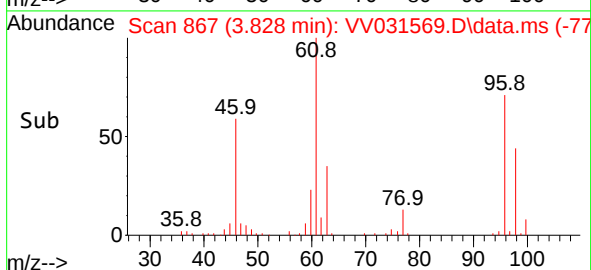
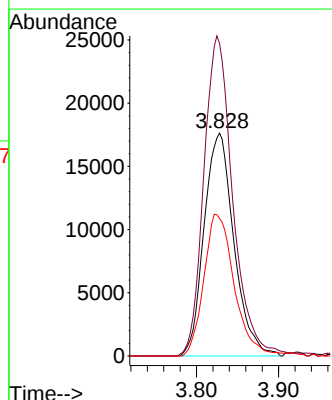
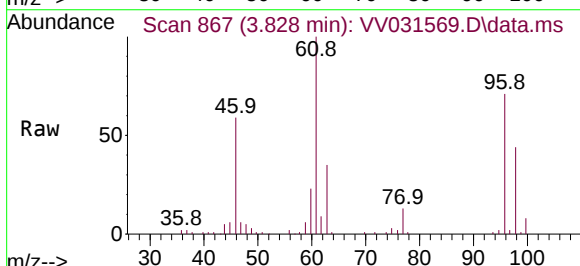
Tgt Ion: 96 Resp: 44611

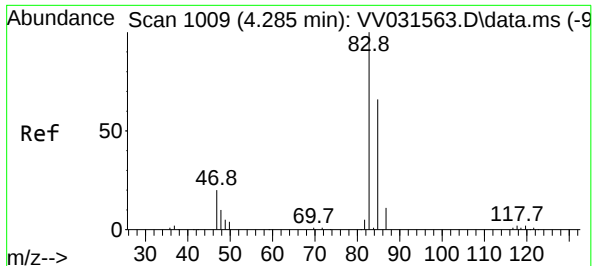
Ion Ratio Lower Upper

96 100

61 147.6 98.6 183.0

98 59.8 45.7 84.9





#25

Chloroform

Concen: 1.973 ug/L

RT: 4.291 min Scan# 1011

Delta R.T. 0.006 min

Lab File: VV031569.D

Acq: 16 Jun 2023 12:28

Instrument :

MSVOA_V

ClientSampleId :

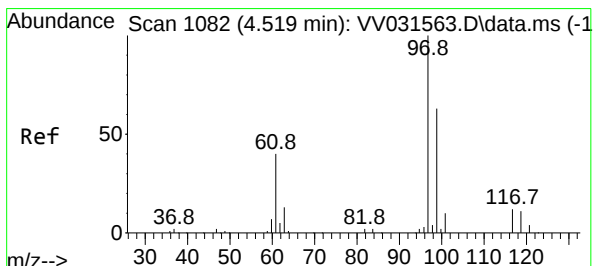
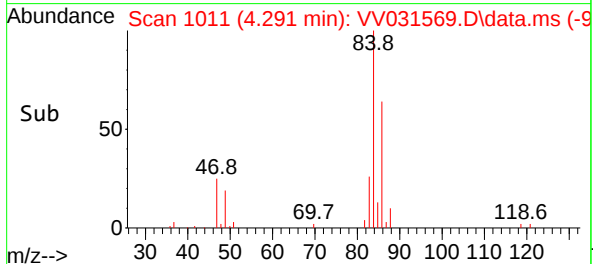
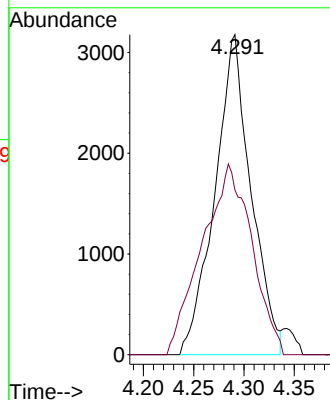
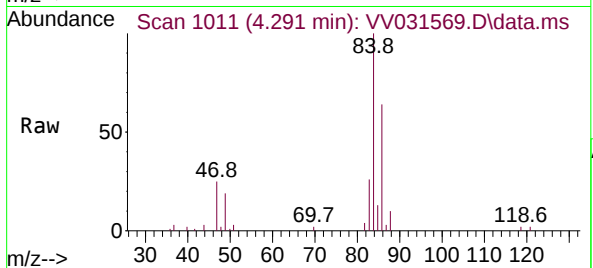
EXYW3

Tgt Ion: 83 Resp: 7948

Ion Ratio Lower Upper

83 100

85 51.5 45.3 84.1



#30

1,1,1-Trichloroethane

Concen: 6.519 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV031569.D

Acq: 16 Jun 2023 12:28

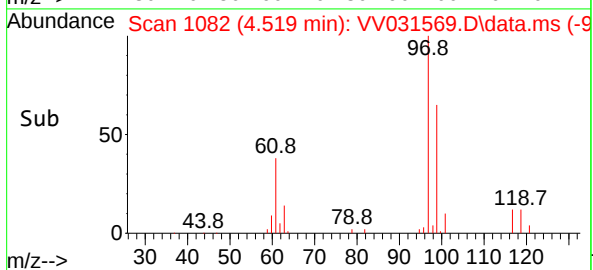
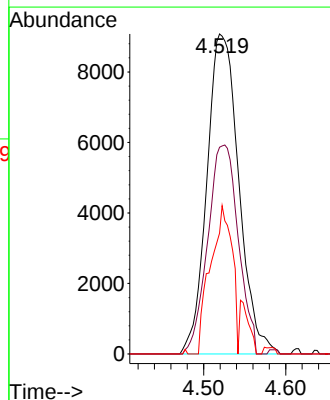
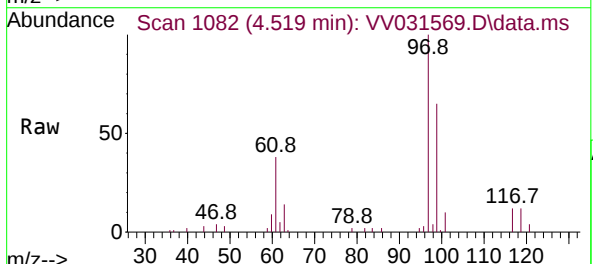
Tgt Ion: 97 Resp: 24594

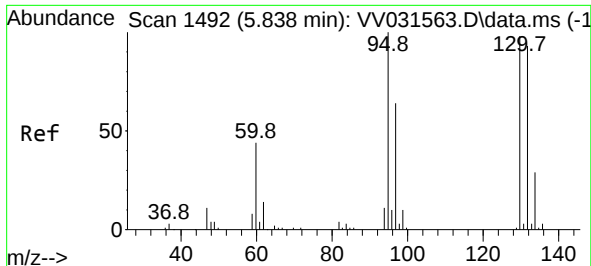
Ion Ratio Lower Upper

97 100

99 62.4 51.8 77.6

61 31.3 33.0 49.6#



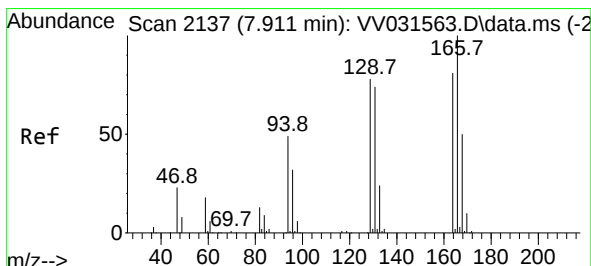
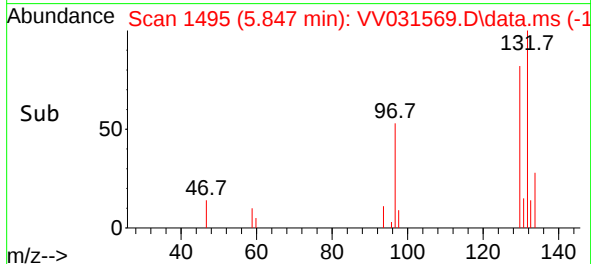
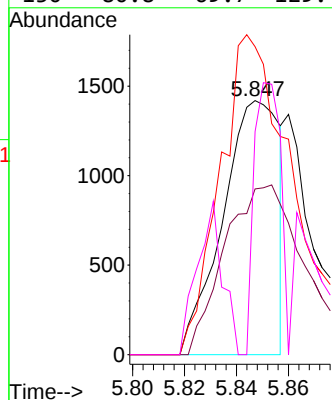
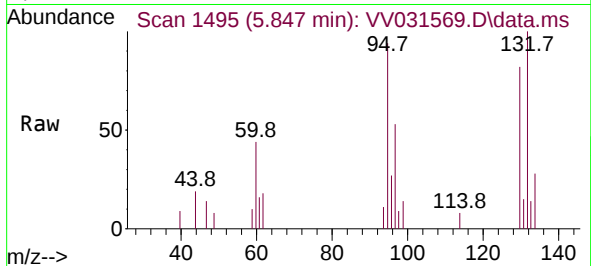


#34
Trichloroethene
Concen: 1.023 ug/L
RT: 5.847 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV031569.D
Acq: 16 Jun 2023 12:28

Instrument :
MSVOA_V
ClientSampleId :
EXYW3

Tgt Ion: 95 Resp: 2142

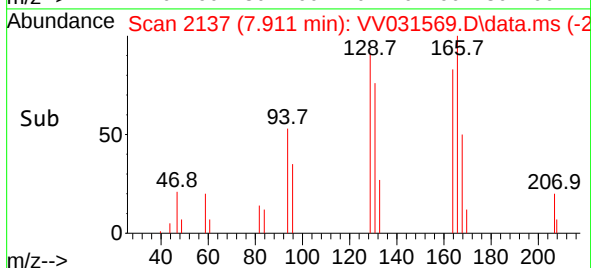
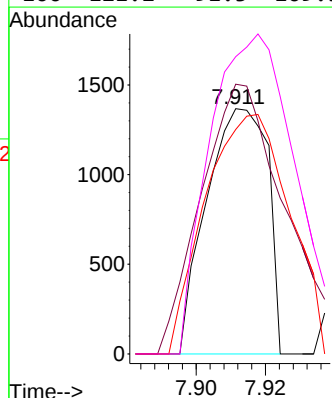
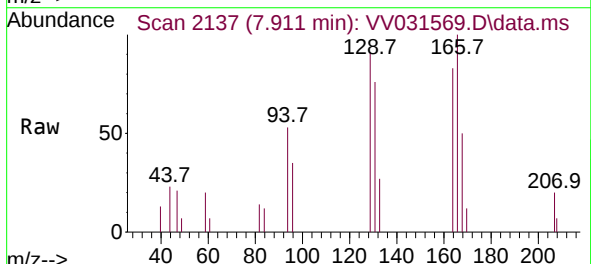
Ion	Ratio	Lower	Upper
95	100		
97	50.7	46.8	86.8
132	94.3	66.4	123.2
130	80.8	69.7	129.4

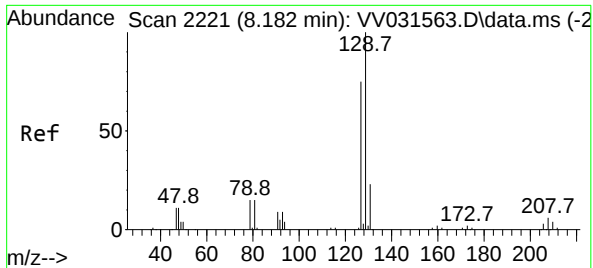


#46
Tetrachloroethene
Concen: 1.018 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031569.D
Acq: 16 Jun 2023 12:28

Tgt Ion: 164 Resp: 1673

Ion	Ratio	Lower	Upper
164	100		
129	110.0	68.4	127.0
131	91.5	67.6	125.6
166	121.2	91.3	169.5

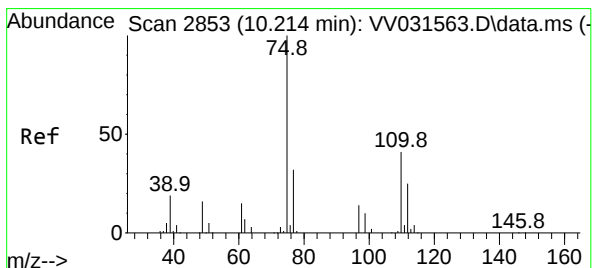
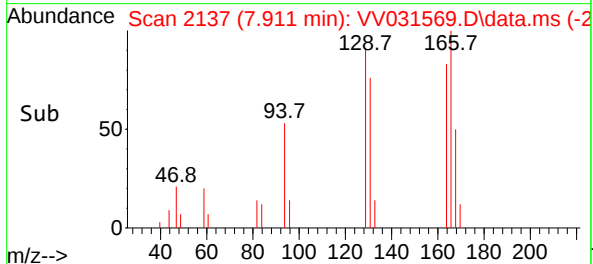
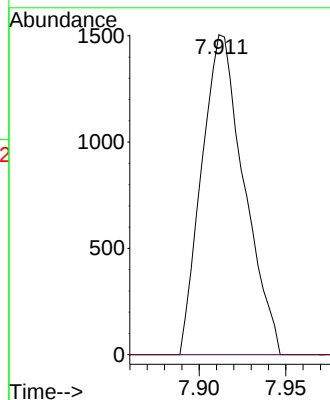
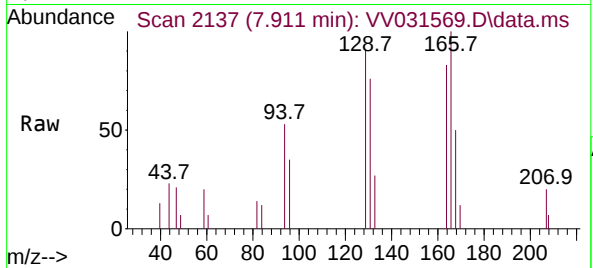




#49
Dibromochloromethane
Concen: 1.062 ug/L
RT: 7.911 min Scan# 21
Delta R.T. -0.270 min
Lab File: VV031569.D
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Tgt Ion:129 Resp: 2566
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#



#61
1,2,3-Trichloropropane
Concen: 5.804 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.977 min
Lab File: VV031569.D
Acq: 16 Jun 2023 12:28

Tgt Ion: 75 Resp: 13329
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0
110 3.1 31.3 46.9#

