

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031585.D
 Acq On : 16 Jun 2023 19:00
 Operator : SY/MD
 Sample : 03249-21DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW1DL

Quant Time: Jun 17 02:32:03 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)

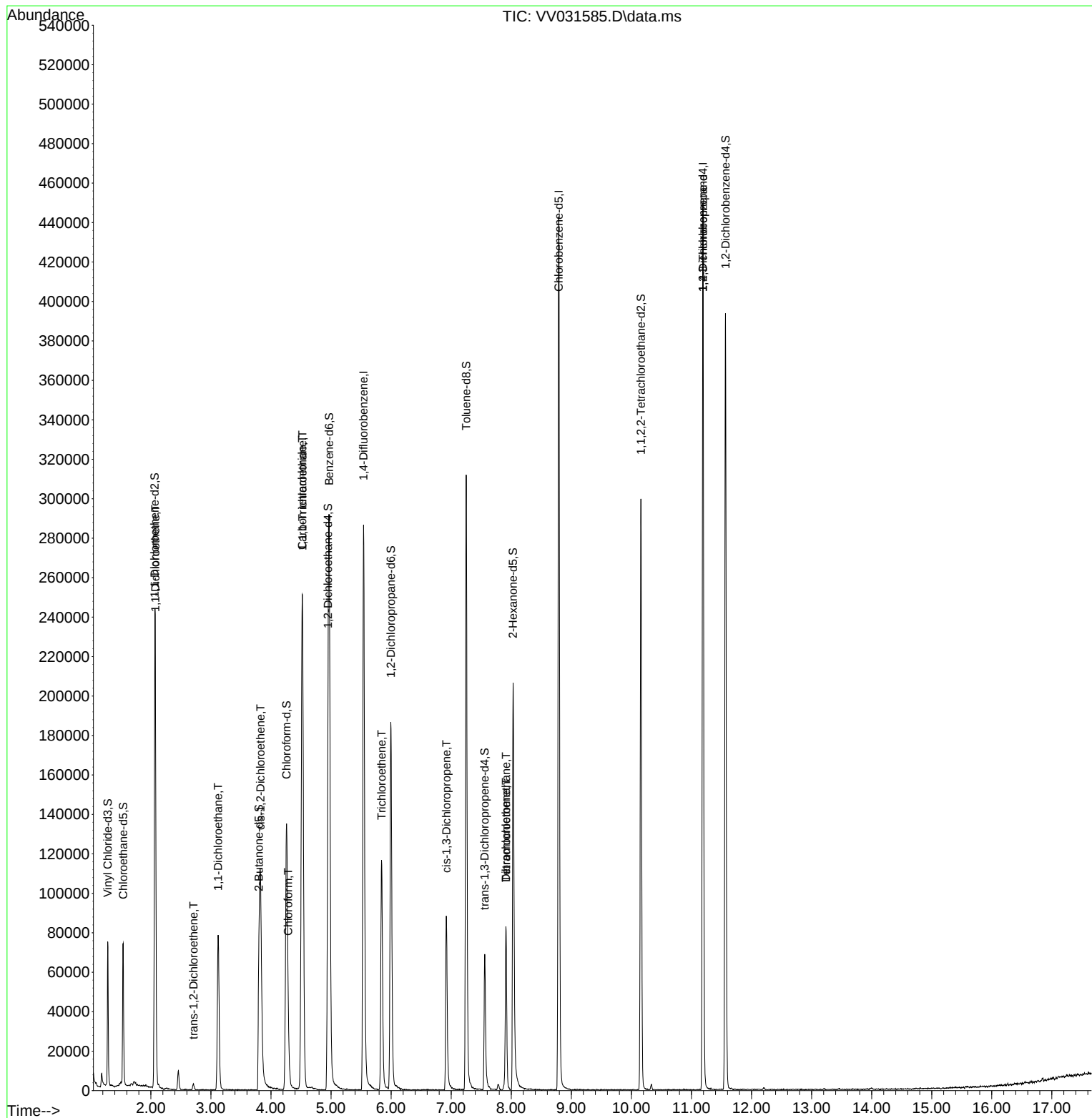
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	234757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	236329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	115227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	46817	29.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	59.940%#
7) Chloroethane-d5	1.539	69	47652	34.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.920%#
11) 1,1-Dichloroethene-d2	2.066	65	26047	32.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.700%
21) 2-Butanone-d5	3.799	46	100817	79.691	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.690%
24) Chloroform-d	4.259	84	146731	37.500	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.000%
26) 1,2-Dichloroethane-d4	4.950	65	98859	40.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.760%
32) Benzene-d6	4.970	84	252045	37.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.780%
36) 1,2-Dichloropropane-d6	5.995	67	92756	39.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.680%
41) Toluene-d8	7.249	98	209950	34.393	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	68.780%#
43) trans-1,3-Dichloroprop...	7.558	79	42852	37.283	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.560%
47) 2-Hexanone-d5	8.031	63	75276	80.863	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.860%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	141683	39.812	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.620%
66) 1,2-Dichlorobenzene-d4	11.567	152	99782	45.429	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.860%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	40565	23.353	ug/L	88
17) trans-1,2-Dichloroethene	2.709	96	1118	0.617	ug/L	93
19) 1,1-Dichloroethane	3.121	63	81395	20.799	ug/L	98
20) cis-1,2-Dichloroethene	3.825	96	44399	22.659	ug/L	98
25) Chloroform	4.285	83	10749	2.642	ug/L	100
30) 1,1,1-Trichloroethane	4.523	97	220873	58.292	ug/L	99
31) Carbon tetrachloride	4.519	117	25879	7.708	ug/L	99
34) Trichloroethene	5.844	95	42971	20.438	ug/L	92
39) cis-1,3-Dichloropropene	6.921	75	2238	0.653	ug/L #	1
46) Tetrachloroethene	7.912	164	17912	10.855	ug/L	97
49) Dibromochloromethane	7.912	129	16749	6.905	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	13175	5.789	ug/L #	62

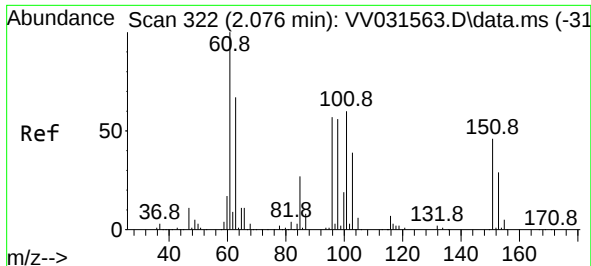
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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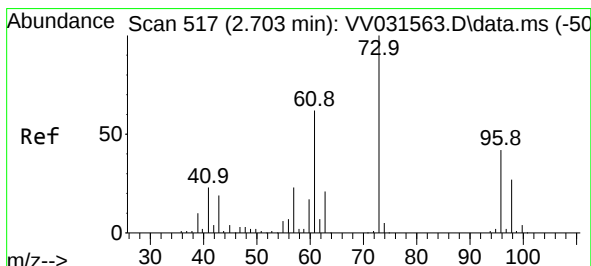
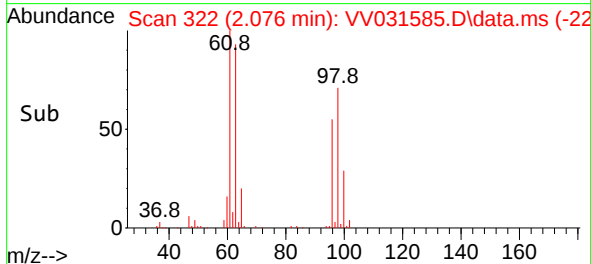
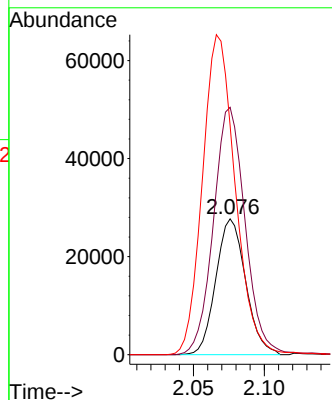
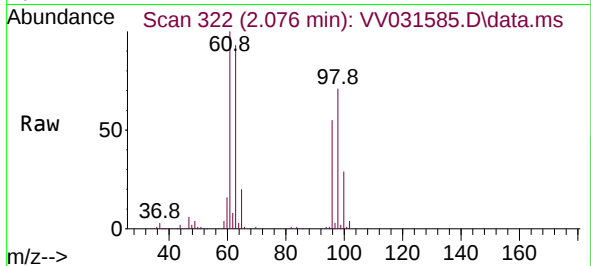




#12
1,1-Dichloroethene
Concen: 23.353 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031585.D
Acq: 16 Jun 2023 19:00

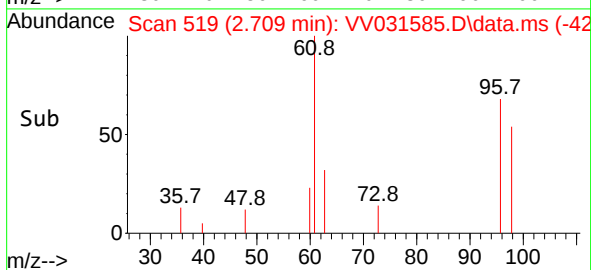
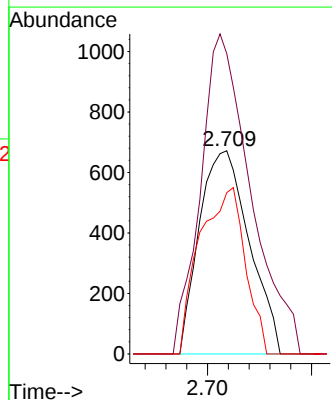
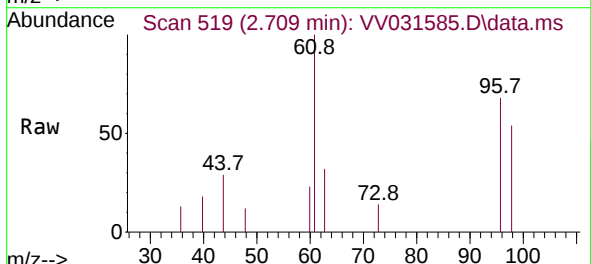
Instrument :
MSVOA_V
ClientSampleId :
EXYW1DL

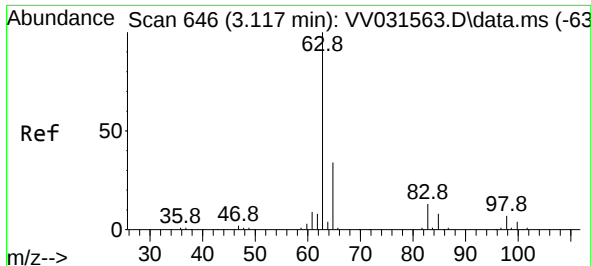
Tgt Ion: 96 Resp: 40565
Ion Ratio Lower Upper
96 100
61 182.1 128.9 239.5
63 168.6 95.3 177.1



#17
trans-1,2-Dichloroethene
Concen: 0.617 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.007 min
Lab File: VV031585.D
Acq: 16 Jun 2023 19:00

Tgt Ion: 96 Resp: 1118
Ion Ratio Lower Upper
96 100
61 147.8 102.5 190.3
98 79.3 44.1 81.9





#19

1,1-Dichloroethane

Concen: 20.799 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

EXYW1DL

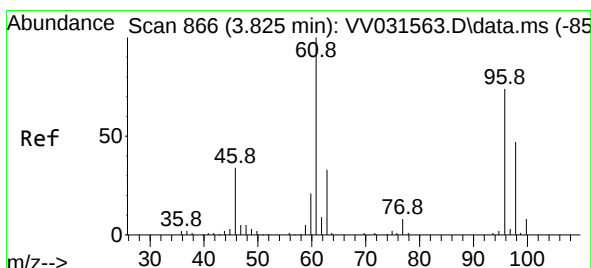
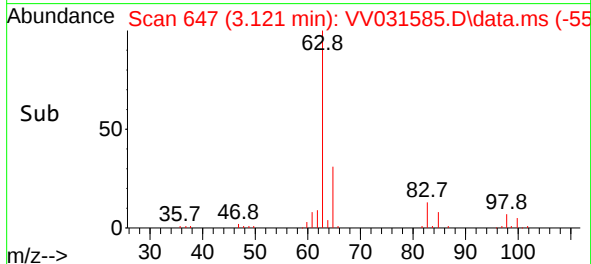
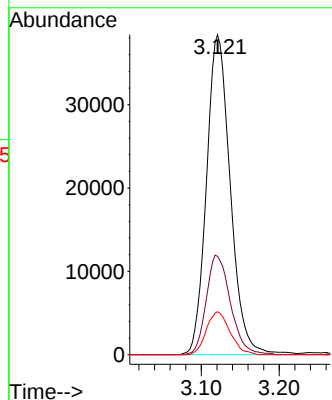
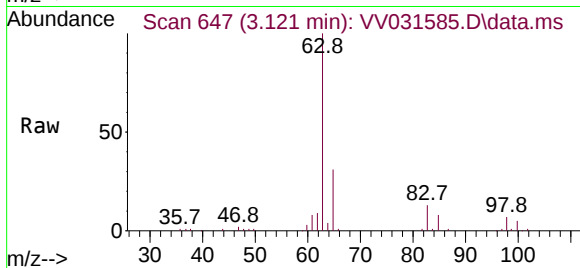
Tgt Ion: 63 Resp: 81395

Ion Ratio Lower Upper

63 100

65 30.8 22.5 41.7

83 14.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 22.659 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

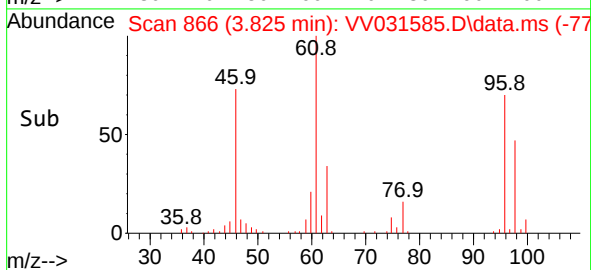
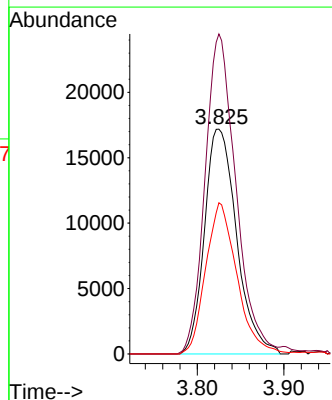
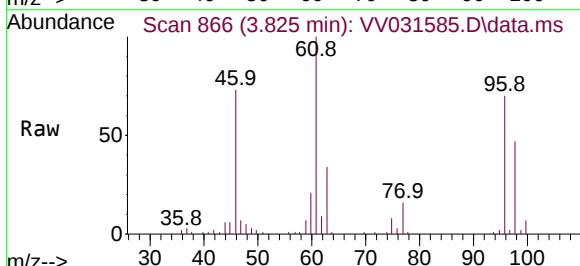
Tgt Ion: 96 Resp: 44399

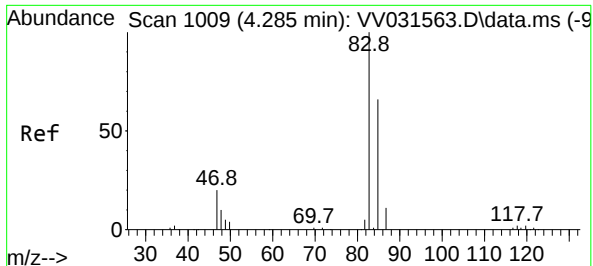
Ion Ratio Lower Upper

96 100

61 137.5 98.6 183.0

98 64.9 45.7 84.9





#25

Chloroform

Concen: 2.642 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. 0.000 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

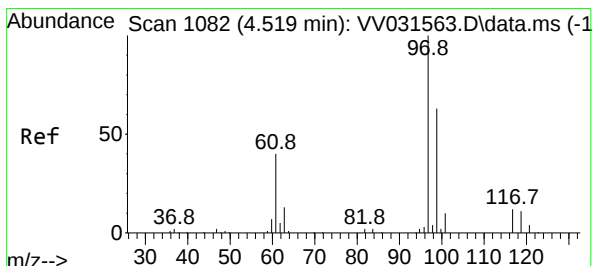
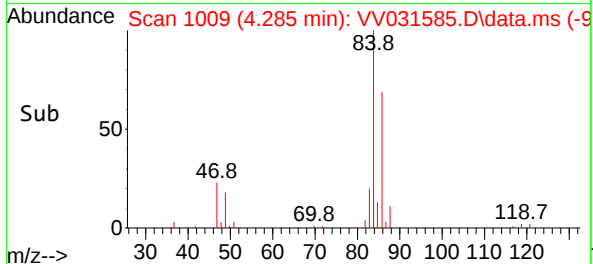
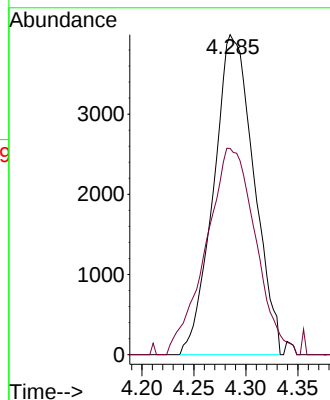
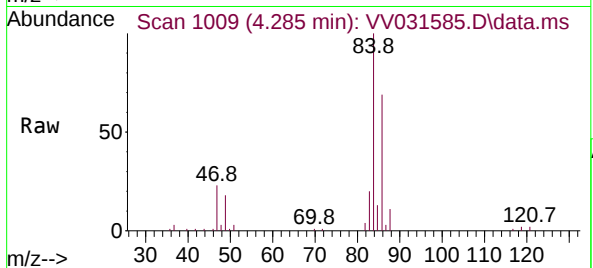
EXYW1DL

Tgt Ion: 83 Resp: 10749

Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1



#30

1,1,1-Trichloroethane

Concen: 58.292 ug/L

RT: 4.523 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

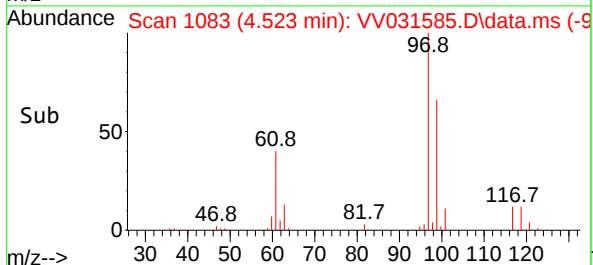
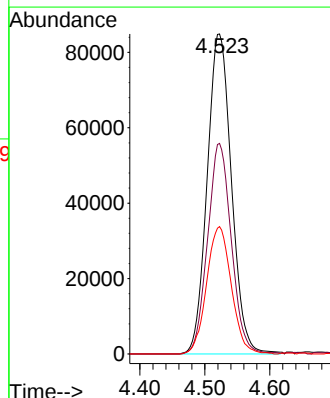
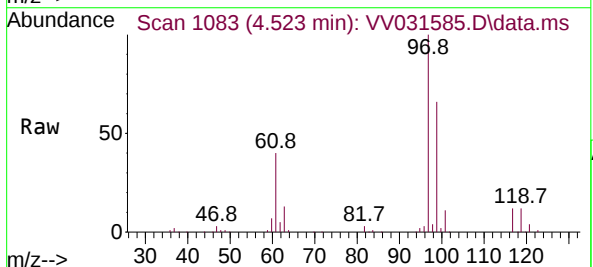
Tgt Ion: 97 Resp: 220873

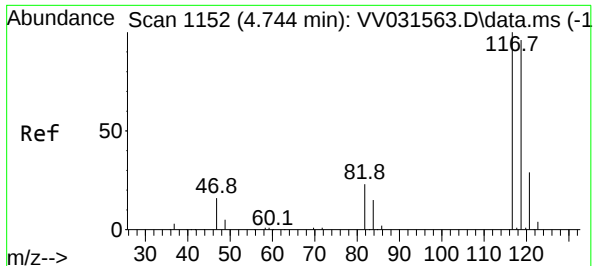
Ion Ratio Lower Upper

97 100

99 64.2 51.8 77.6

61 40.3 33.0 49.6

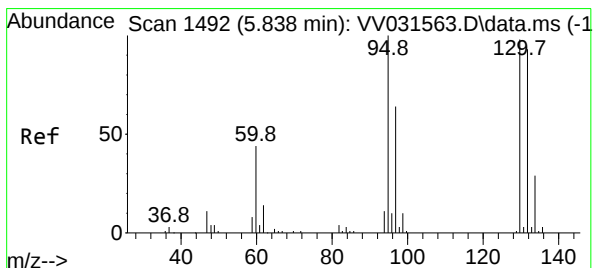
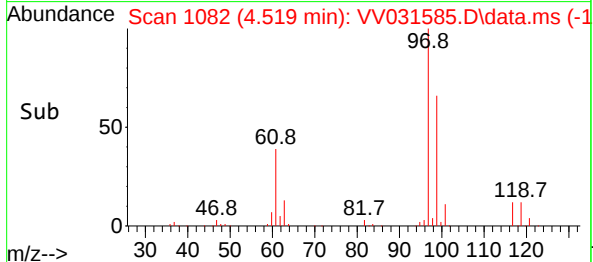
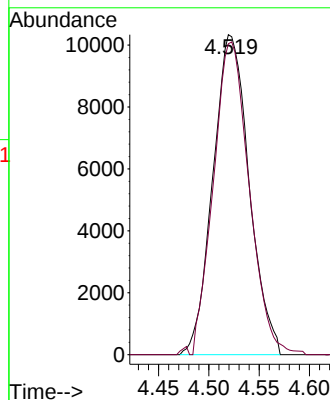
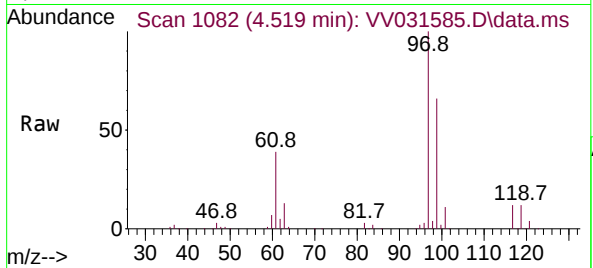




#31
Carbon tetrachloride
Concen: 7.708 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.225 min
Lab File: VV031585.D
Acq: 16 Jun 2023 19:00

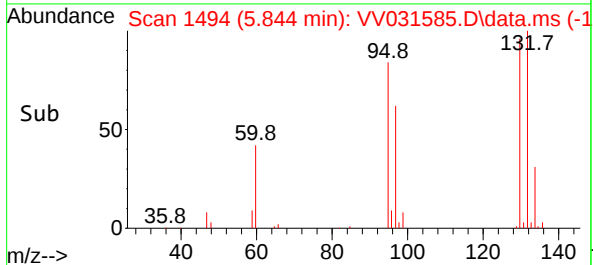
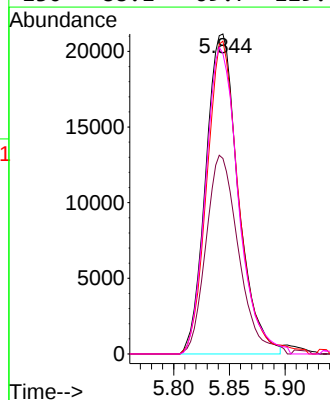
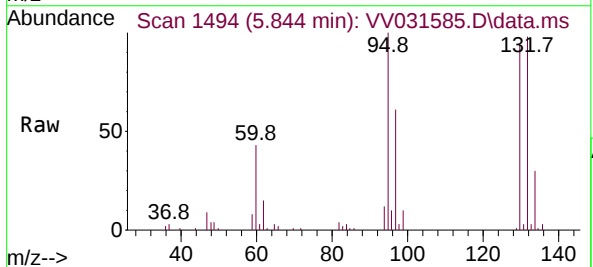
Instrument :
MSVOA_V
ClientSampleId :
EXYW1DL

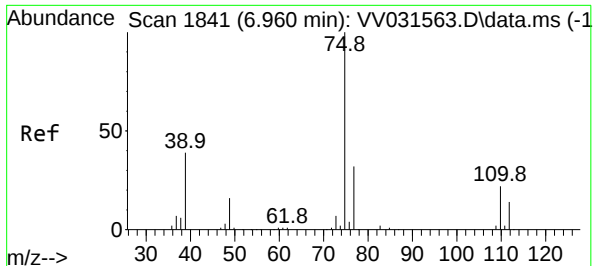
Tgt Ion:117 Resp: 25879
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.4



#34
Trichloroethene
Concen: 20.438 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.007 min
Lab File: VV031585.D
Acq: 16 Jun 2023 19:00

Tgt Ion: 95 Resp: 42971
Ion Ratio Lower Upper
95 100
97 58.0 46.8 86.8
132 91.6 66.4 123.2
130 88.1 69.7 129.4





#39

cis-1,3-Dichloropropene

Concen: 0.653 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.038 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

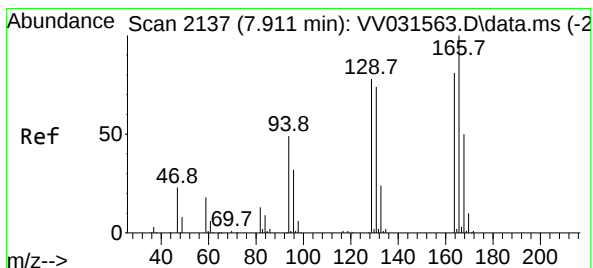
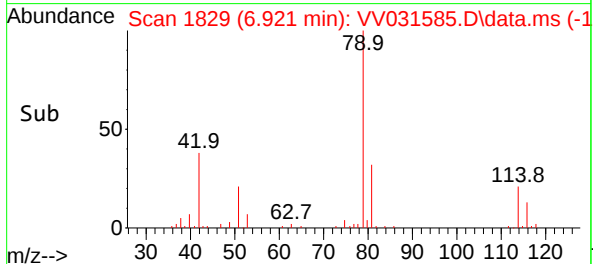
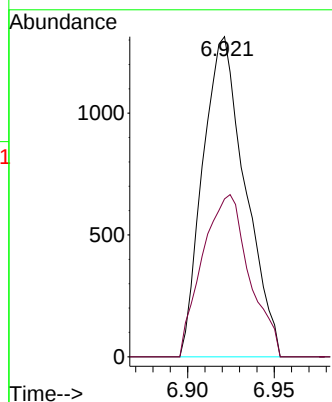
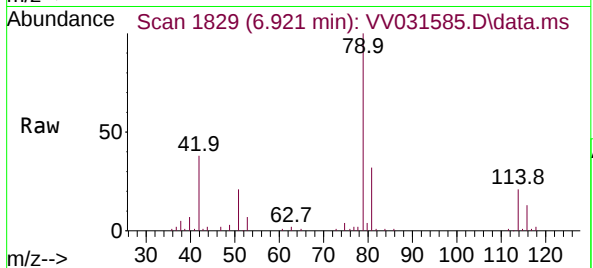
EXYW1DL

Tgt Ion: 75 Resp: 2238

Ion Ratio Lower Upper

75 100

77 90.8 21.8 40.6#



#46

Tetrachloroethene

Concen: 10.855 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Tgt Ion:164 Resp: 17912

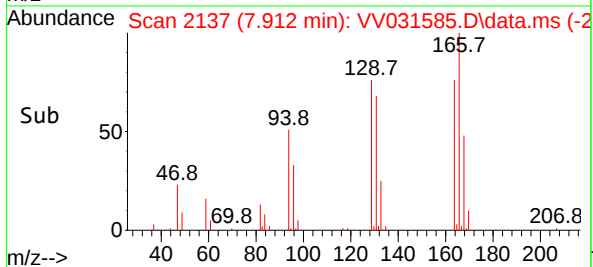
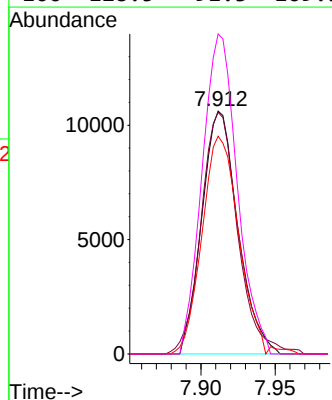
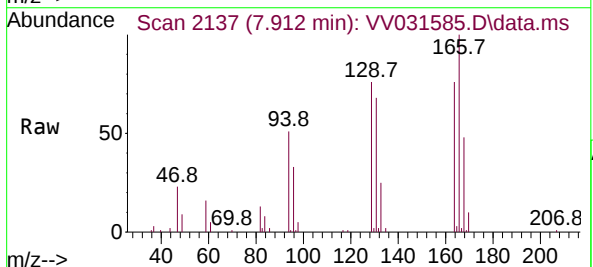
Ion Ratio Lower Upper

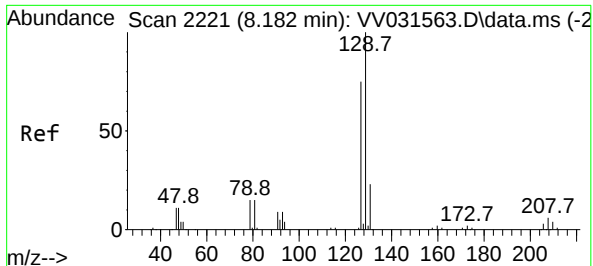
164 100

129 97.9 68.4 127.0

131 88.2 67.6 125.6

166 128.5 91.3 169.5





#49

Dibromochloromethane

Concen: 6.905 ug/L

RT: 7.912 min Scan# 2137

Delta R.T. -0.270 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Instrument :

MSVOA_V

ClientSampleId :

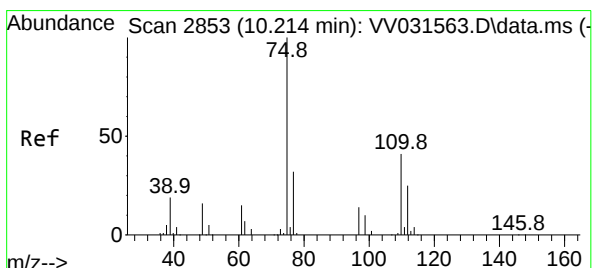
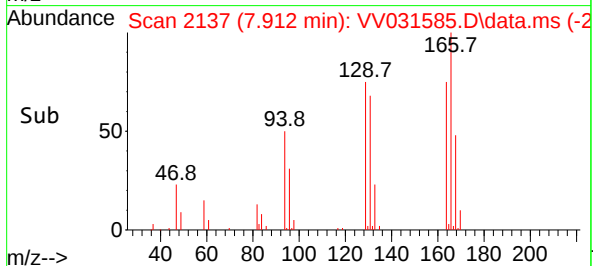
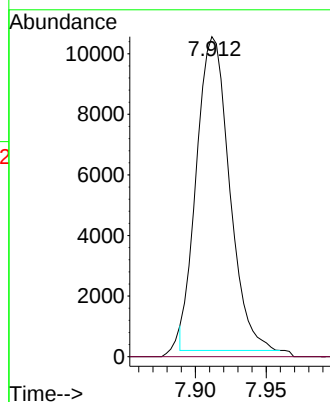
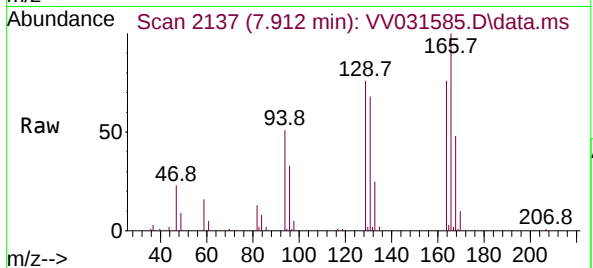
EXYW1DL

Tgt Ion:129 Resp: 16749

Ion Ratio Lower Upper

129 100

127 0.0 55.8 103.6#



#61

1,2,3-Trichloropropane

Concen: 5.789 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV031585.D

Acq: 16 Jun 2023 19:00

Tgt Ion: 75 Resp: 13175

Ion Ratio Lower Upper

75 100

77 37.6 25.4 38.0

110 2.0 31.3 46.9#

