

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031583.D
 Acq On : 16 Jun 2023 18:13
 Operator : SY/MD
 Sample : 03249-17DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT7DL

Quant Time: Jun 17 02:31:33 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)

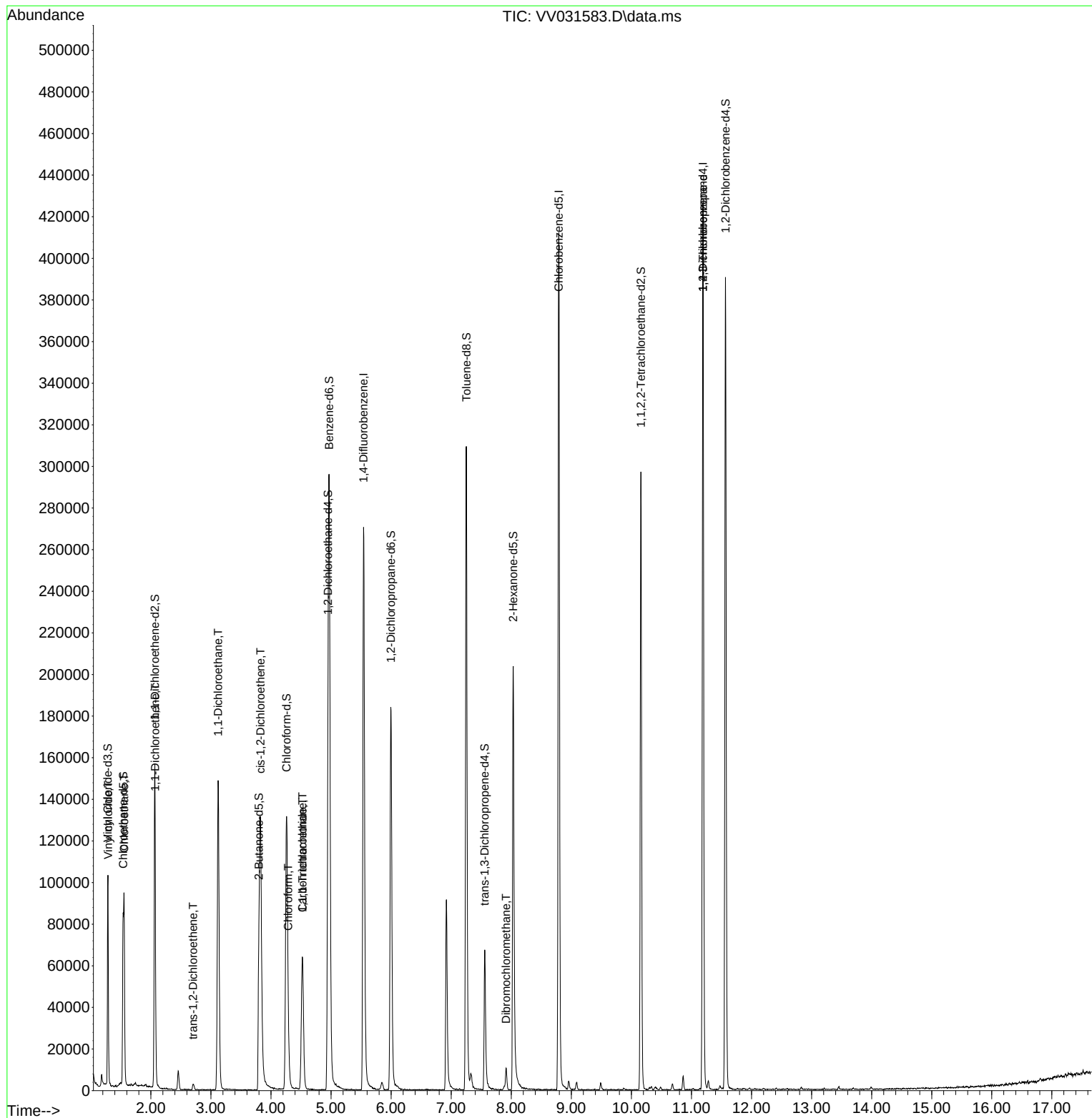
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	221434	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	223606	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	108304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	50049	33.961	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.920%		
7) Chloroethane-d5	1.539	69	49241	38.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.580%		
11) 1,1-Dichloroethene-d2	2.066	65	27260	35.891	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.780%		
21) 2-Butanone-d5	3.799	46	103201	86.483	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.480%		
24) Chloroform-d	4.259	84	146127	39.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.180%		
26) 1,2-Dichloroethane-d4	4.950	65	99337	43.018	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.040%		
32) Benzene-d6	4.969	84	252662	40.143	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.280%		
36) 1,2-Dichloropropane-d6	5.995	67	93141	41.752	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.500%		
41) Toluene-d8	7.252	98	209422	36.259	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	72.520%#		
43) trans-1,3-Dichloroprop...	7.558	79	41826	38.461	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.920%		
47) 2-Hexanone-d5	8.034	63	73564	83.520	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.520%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142010	42.175	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.340%		
66) 1,2-Dichlorobenzene-d4	11.567	152	96566	46.775	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.560%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	18430	8.389	ug/L	99
8) Chloroethane	1.555	64	48955	34.499	ug/L	97
12) 1,1-Dichloroethene	2.072	96	1605	0.980	ug/L #	1
17) trans-1,2-Dichloroethene	2.703	96	1039	0.608	ug/L #	81
19) 1,1-Dichloroethane	3.121	63	151287	40.985	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	55827	30.205	ug/L	94
25) Chloroform	4.285	83	8091	2.109	ug/L	89
30) 1,1,1-Trichloroethane	4.522	97	55309	15.428	ug/L	100
31) Carbon tetrachloride	4.522	117	6804	2.142	ug/L #	44
49) Dibromochloromethane	7.915	129	1768	0.770	ug/L #	9
61) 1,2,3-Trichloropropane	11.191	75	12725	5.949	ug/L #	67

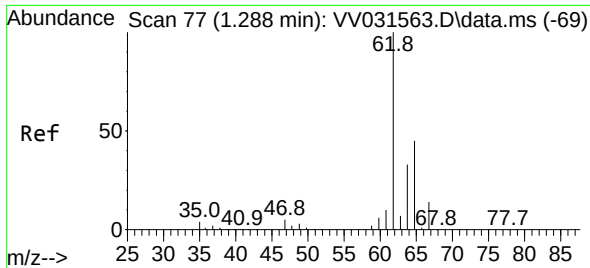
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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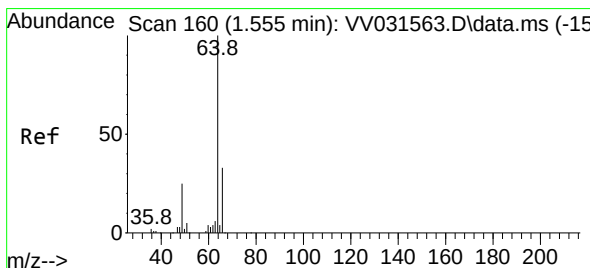
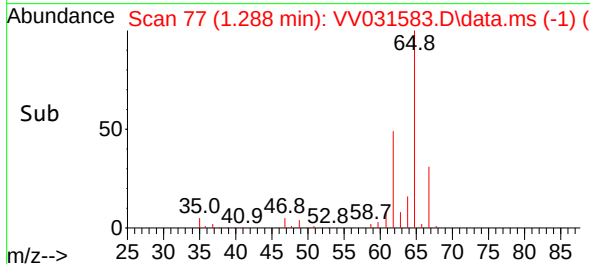
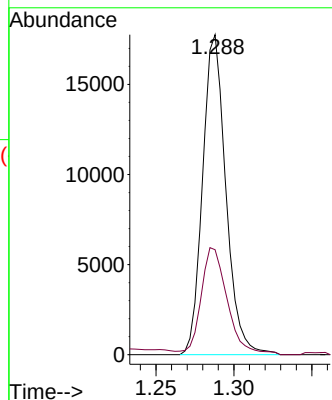
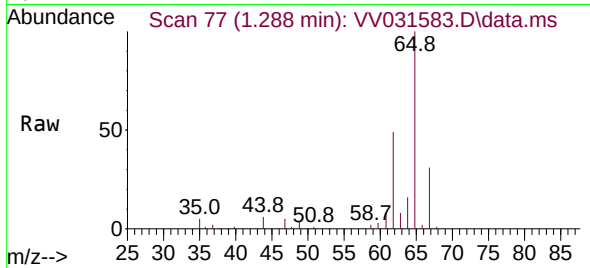




#5
 Vinyl chloride
 Concen: 8.389 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031583.D
 Acq: 16 Jun 2023 18:13

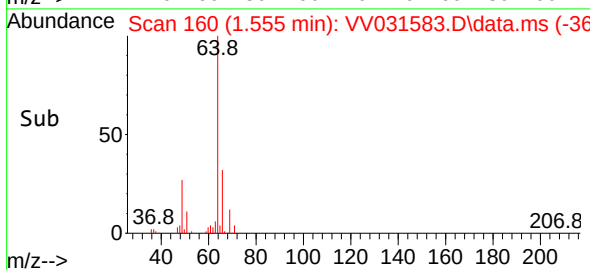
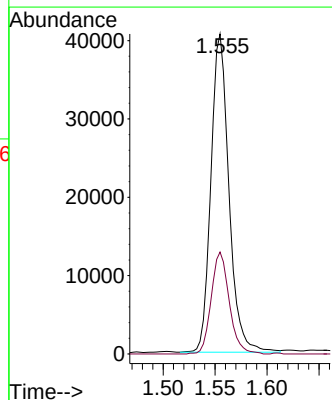
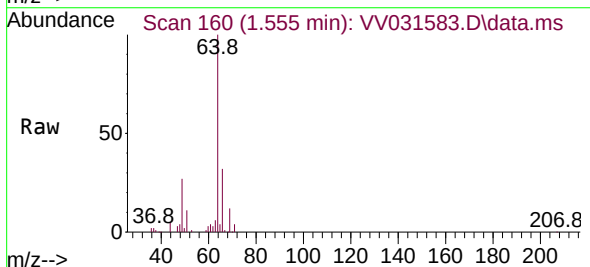
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT7DL

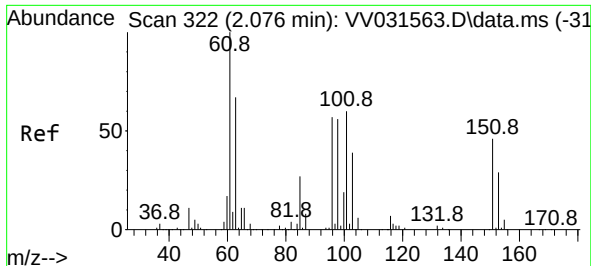
Tgt Ion: 62 Resp: 18430
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#8
 Chloroethane
 Concen: 34.499 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VV031583.D
 Acq: 16 Jun 2023 18:13

Tgt Ion: 64 Resp: 48955
 Ion Ratio Lower Upper
 64 100
 66 31.9 21.0 39.0





#12

1,1-Dichloroethene

Concen: 0.980 ug/L

RT: 2.072 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

EXYT7DL

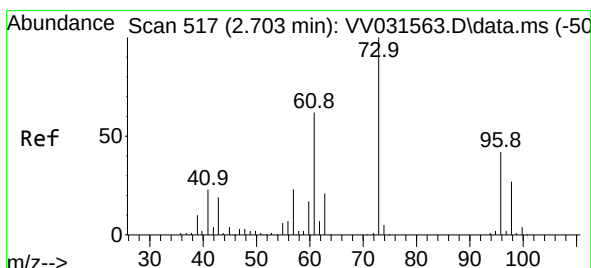
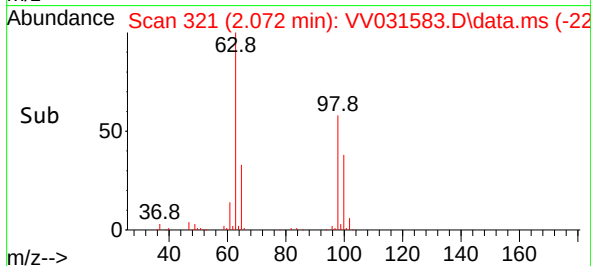
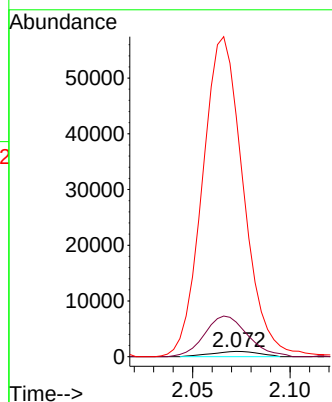
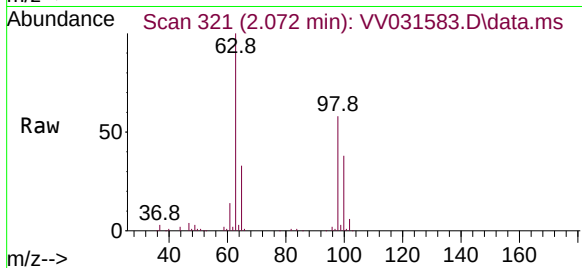
Tgt Ion: 96 Resp: 1605

Ion Ratio Lower Upper

96 100

61 662.0 128.9 239.5#

63 4603.2 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 0.608 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.000 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

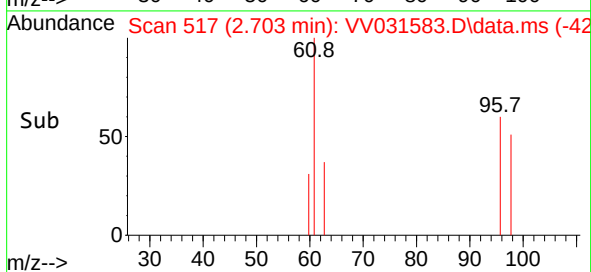
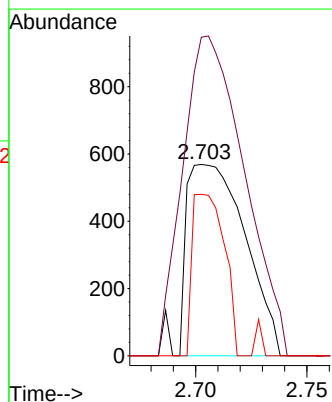
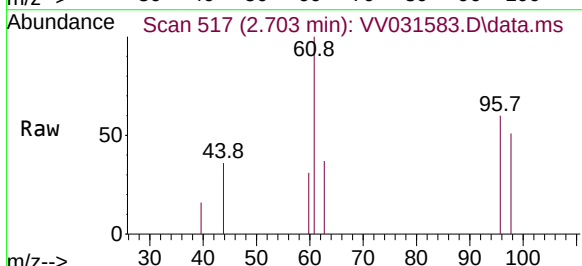
Tgt Ion: 96 Resp: 1039

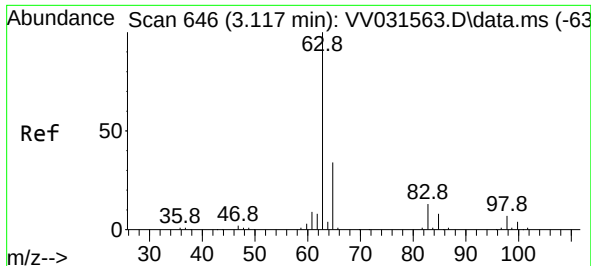
Ion Ratio Lower Upper

96 100

61 166.4 102.5 190.3

98 84.4 44.1 81.9#





#19

1,1-Dichloroethane

Concen: 40.985 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

EXYT7DL

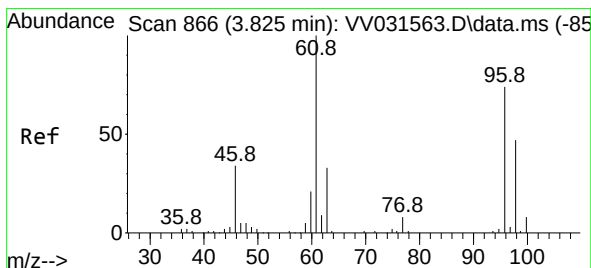
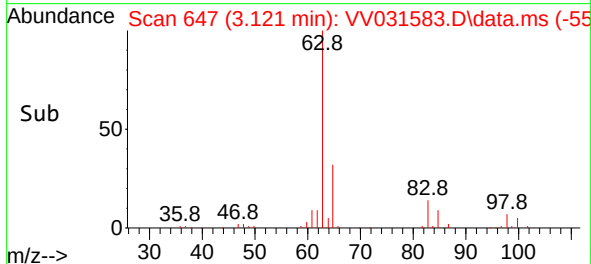
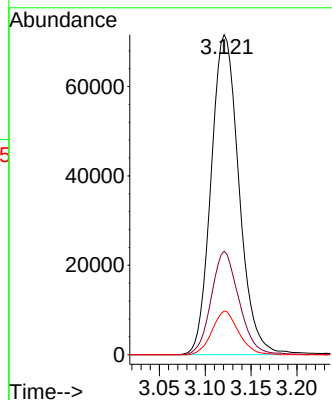
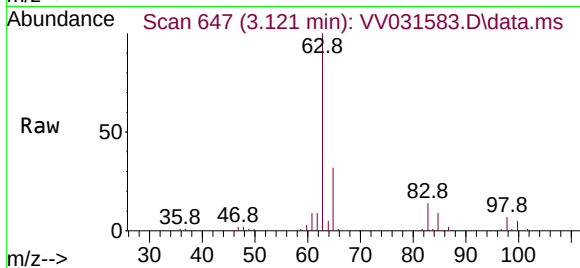
Tgt Ion: 63 Resp: 151287

Ion Ratio Lower Upper

63 100

65 32.3 22.5 41.7

83 14.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 30.205 ug/L

RT: 3.825 min Scan# 866

Delta R.T. -0.000 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

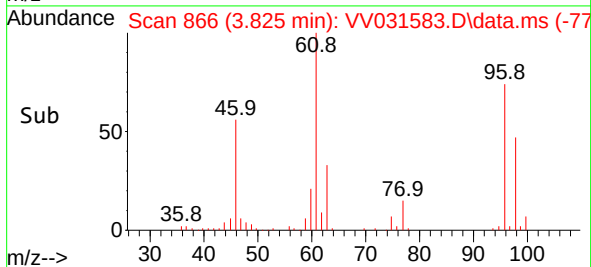
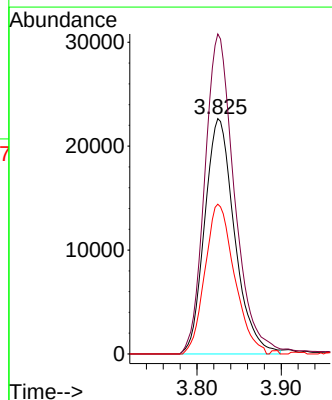
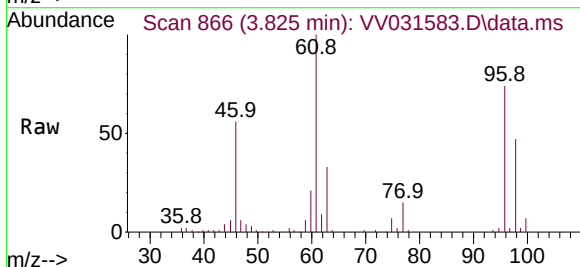
Tgt Ion: 96 Resp: 55827

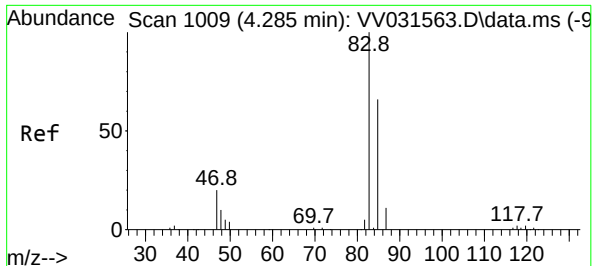
Ion Ratio Lower Upper

96 100

61 131.7 98.6 183.0

98 63.7 45.7 84.9





#25

Chloroform

Concen: 2.109 ug/L

RT: 4.285 min Scan# 1009

Delta R.T. -0.000 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

Instrument :

MSVOA_V

ClientSampleId :

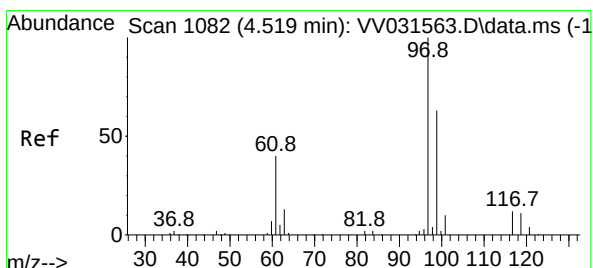
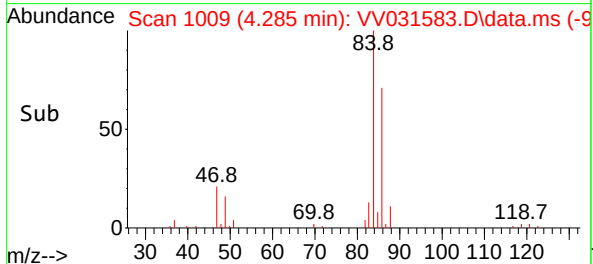
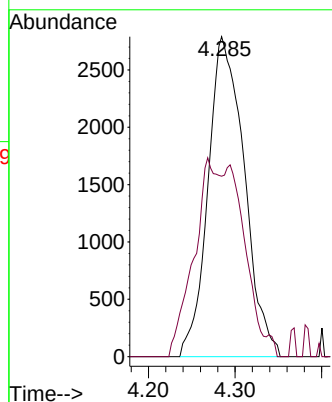
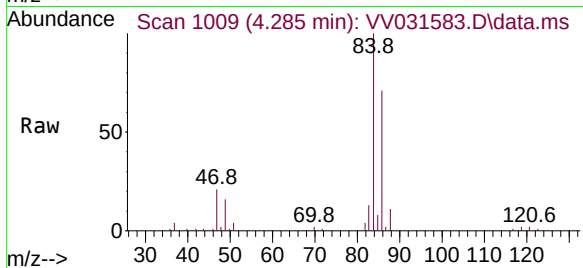
EXYT7DL

Tgt Ion: 83 Resp: 8091

Ion Ratio Lower Upper

83 100

85 56.4 45.3 84.1



#30

1,1,1-Trichloroethane

Concen: 15.428 ug/L

RT: 4.522 min Scan# 1083

Delta R.T. 0.003 min

Lab File: VV031583.D

Acq: 16 Jun 2023 18:13

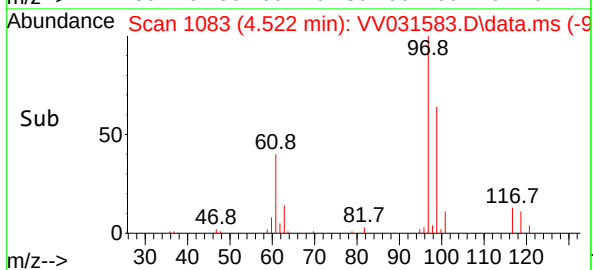
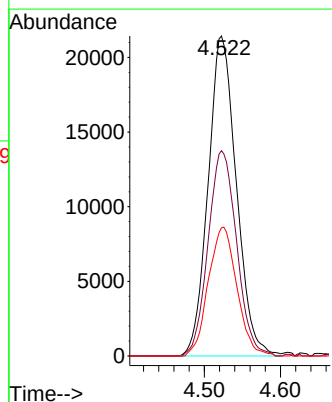
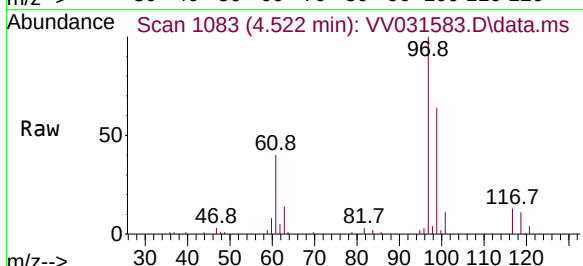
Tgt Ion: 97 Resp: 55309

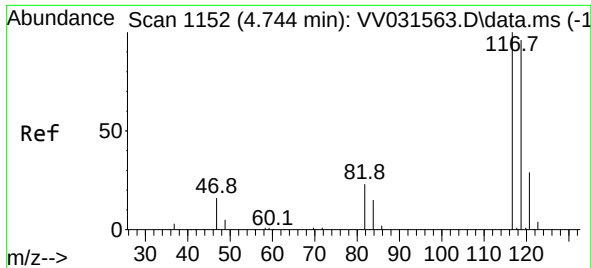
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.6

61 40.7 33.0 49.6

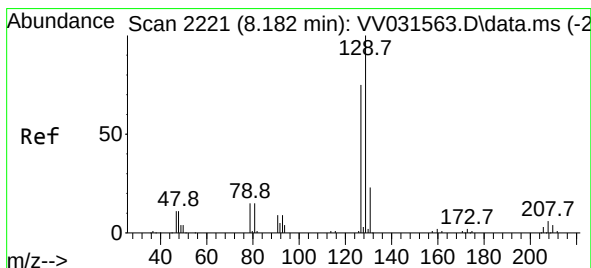
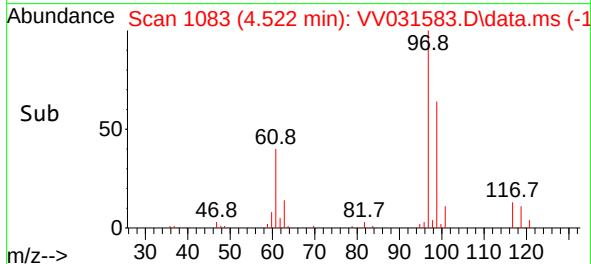
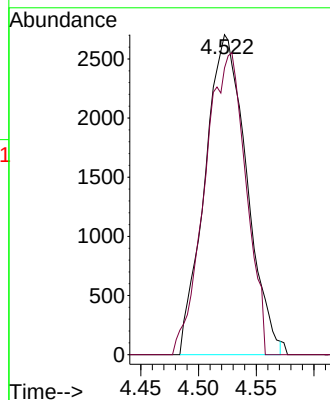
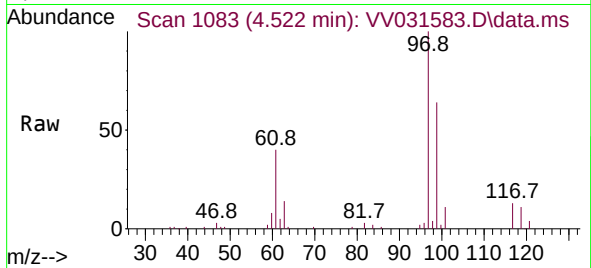




#31
Carbon tetrachloride
Concen: 2.142 ug/L
RT: 4.522 min Scan# 1152
Delta R.T. -0.222 min
Lab File: VV031583.D
Acq: 16 Jun 2023 18:13

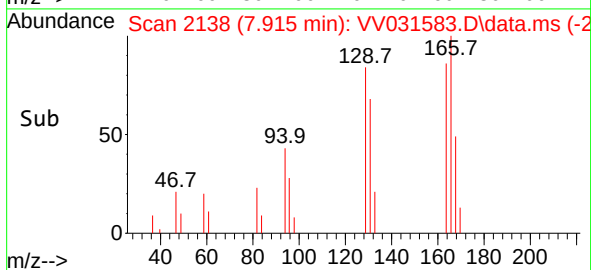
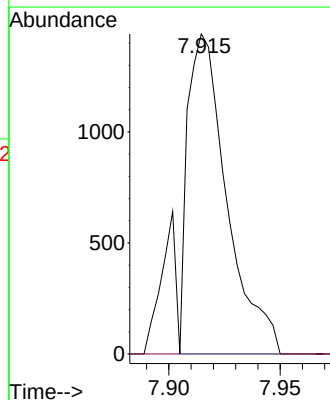
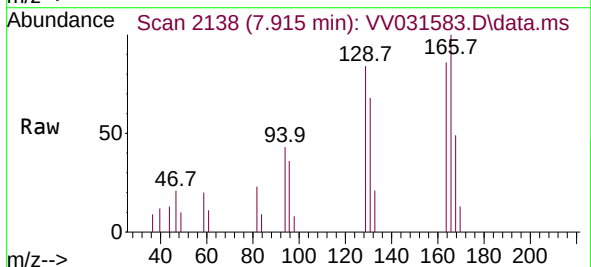
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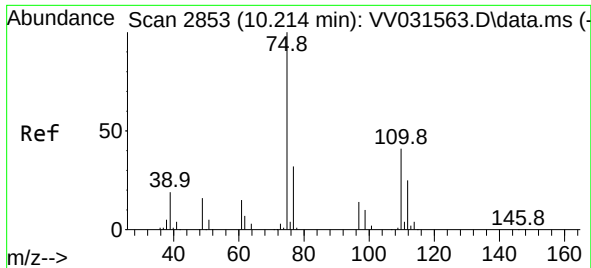
Tgt Ion:117 Resp: 6804
Ion Ratio Lower Upper
117 100
119 41.3 76.2 114.4#



#49
Dibromochloromethane
Concen: 0.770 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.267 min
Lab File: VV031583.D
Acq: 16 Jun 2023 18:13

Tgt Ion:129 Resp: 1768
Ion Ratio Lower Upper
129 100
127 0.0 55.8 103.6#





#61
 1,2,3-Trichloropropane
 Concen: 5.949 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV031583.D
 Acq: 16 Jun 2023 18:13

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT7DL

Tgt Ion: 75 Resp: 12725
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 110 3.1 31.3 46.9#

