

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061523\
 Data File : VW031550.D
 Acq On : 15 Jun 2023 23:52
 Operator : SY/MD
 Sample : 03254-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW5

Quant Time: Jun 16 06:18:34 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)

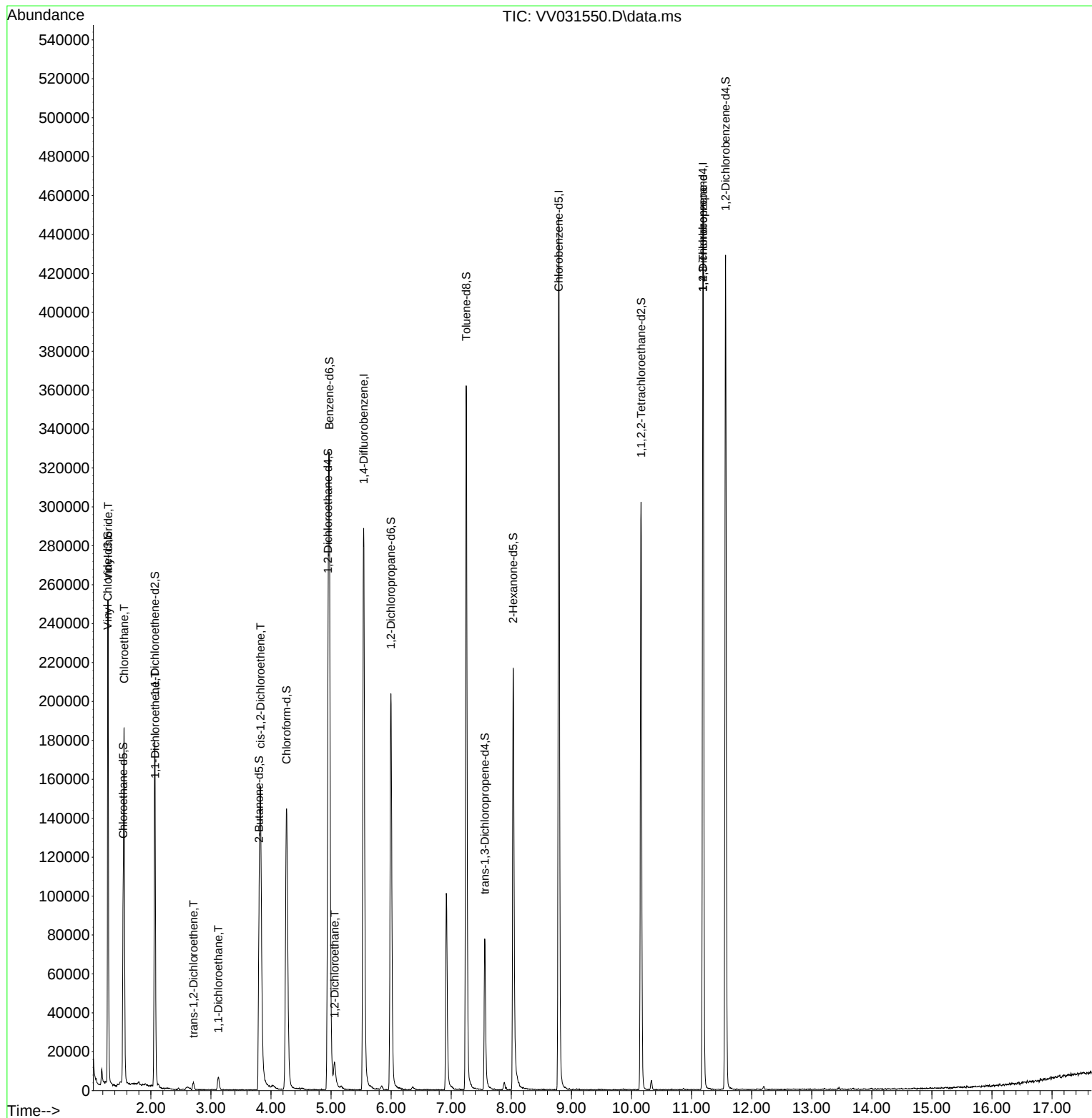
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	238305	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229817	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	114201	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	59568	37.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.120%		
7) Chloroethane-d5	1.539	69	54535	39.408	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	78.820%		
11) 1,1-Dichloroethene-d2	2.066	65	31726	38.814	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.620%		
21) 2-Butanone-d5	3.802	46	112843	87.868	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.870%		
24) Chloroform-d	4.259	84	161994	40.784	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.560%		
26) 1,2-Dichloroethane-d4	4.950	65	107779	43.369	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.740%		
32) Benzene-d6	4.970	84	283977	43.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
36) 1,2-Dichloropropane-d6	5.995	67	102244	44.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.180%		
41) Toluene-d8	7.249	98	244057	41.113	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.220%		
43) trans-1,3-Dichloroprop...	7.558	79	47649	42.631	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.260%		
47) 2-Hexanone-d5	8.030	63	75910	83.855	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.850%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	148233	42.833	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.660%		
66) 1,2-Dichlorobenzene-d4	11.567	152	104595	48.048	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.100%		
Target Compounds						Qvalue
5) Vinyl chloride	1.288	62	108807	46.018	ug/L	97
8) Chloroethane	1.555	64	100047	65.513	ug/L	94
12) 1,1-Dichloroethene	2.073	96	1583	0.898	ug/L #	1
17) trans-1,2-Dichloroethene	2.709	96	1426	0.775	ug/L	95
19) 1,1-Dichloroethane	3.124	63	7338	1.847	ug/L	96
20) cis-1,2-Dichloroethene	3.825	96	66512	33.438	ug/L	95
27) 1,2-Dichloroethane	5.060	62	11648	3.655	ug/L	98
61) 1,2,3-Trichloropropane	11.191	75	13680	6.065	ug/L #	61

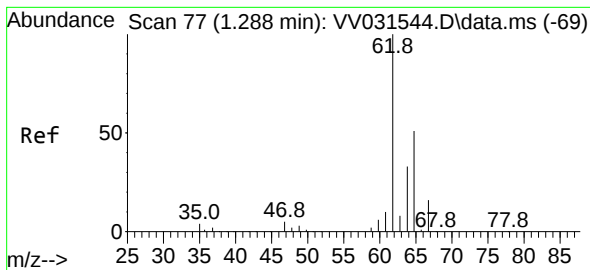
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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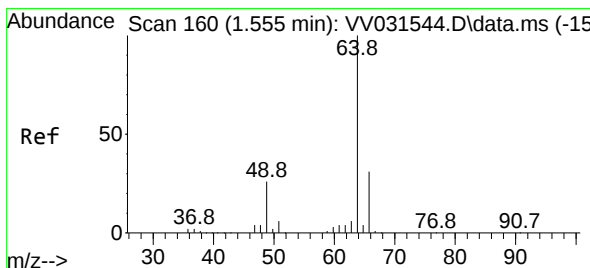
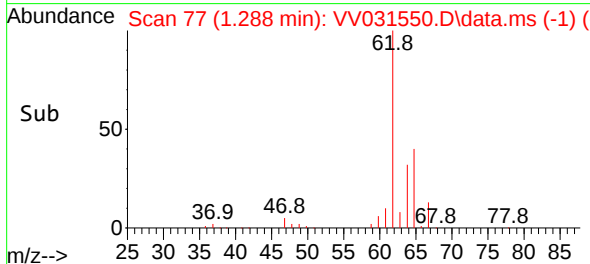
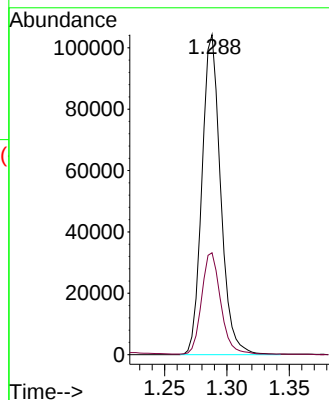
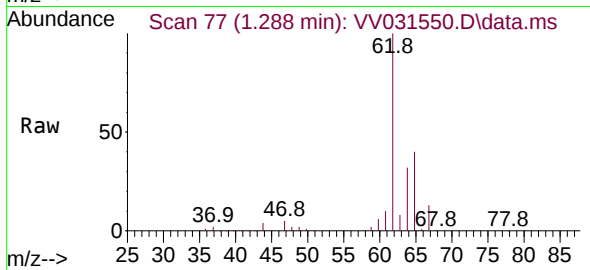




#5
 Vinyl chloride
 Concen: 46.018 ug/L
 RT: 1.288 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VV031550.D
 Acq: 15 Jun 2023 23:52

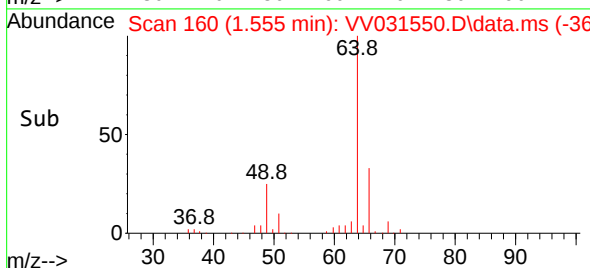
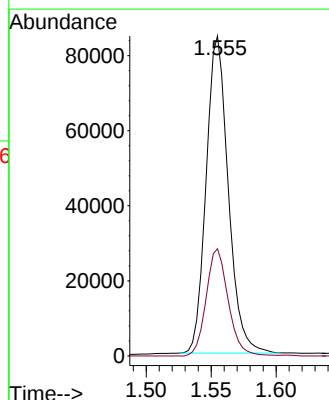
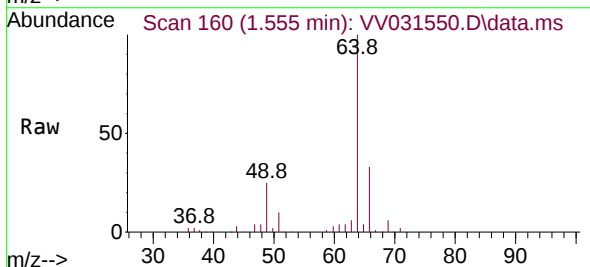
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYW5

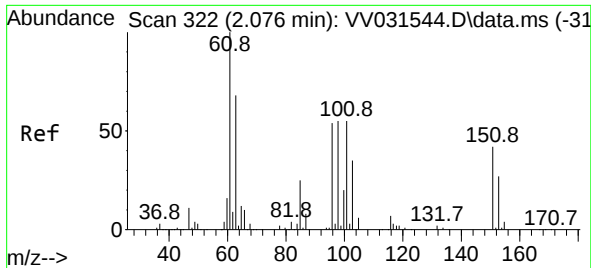
Tgt Ion: 62 Resp: 108807
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.4 43.4



#8
 Chloroethane
 Concen: 65.513 ug/L
 RT: 1.555 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VV031550.D
 Acq: 15 Jun 2023 23:52

Tgt Ion: 64 Resp: 100047
 Ion Ratio Lower Upper
 64 100
 66 33.5 21.0 39.0





#12

1,1-Dichloroethene

Concen: 0.898 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

Instrument :

MSVOA_V

ClientSampleId :

EXYW5

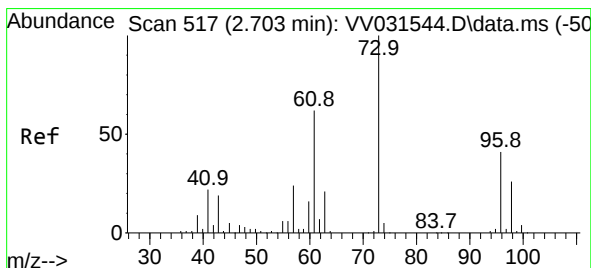
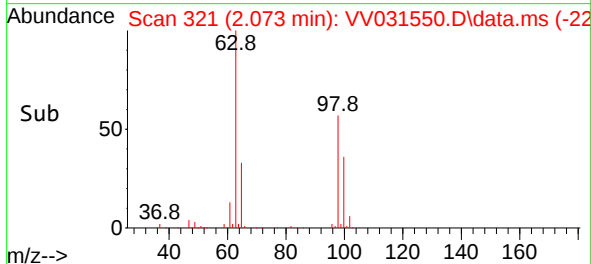
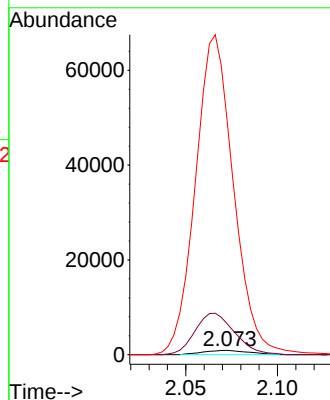
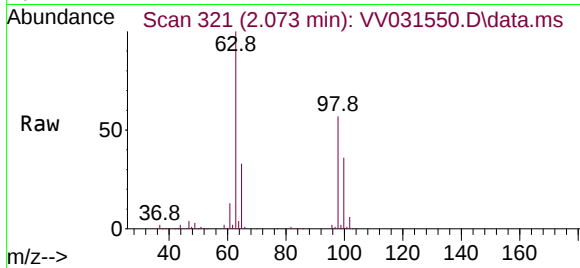
Tgt Ion: 96 Resp: 1583

Ion Ratio Lower Upper

96 100

61 820.7 128.9 239.5#

63 5480.4 95.3 177.1#



#17

trans-1,2-Dichloroethene

Concen: 0.775 ug/L

RT: 2.709 min Scan# 519

Delta R.T. 0.007 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

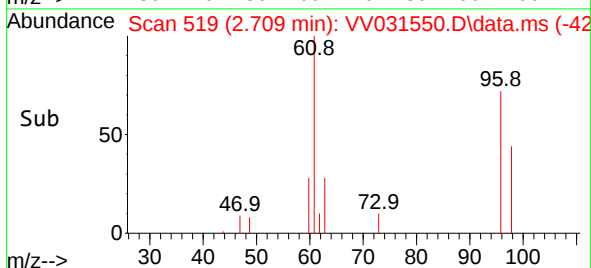
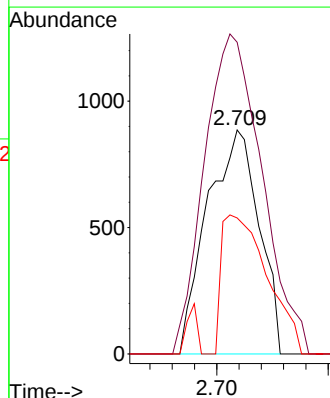
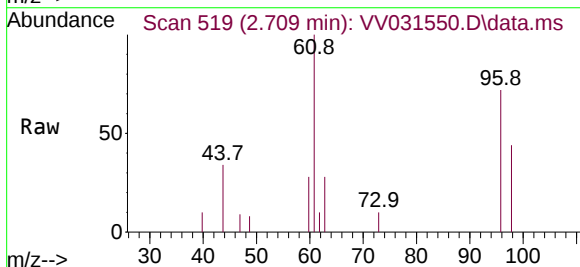
Tgt Ion: 96 Resp: 1426

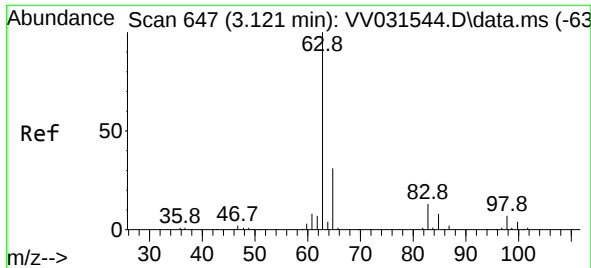
Ion Ratio Lower Upper

96 100

61 139.2 102.5 190.3

98 60.7 44.1 81.9





#19

1,1-Dichloroethane

Concen: 1.847 ug/L

RT: 3.124 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

Instrument :

MSVOA_V

ClientSampleId :

EXYW5

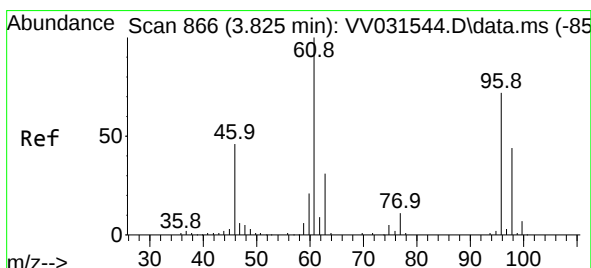
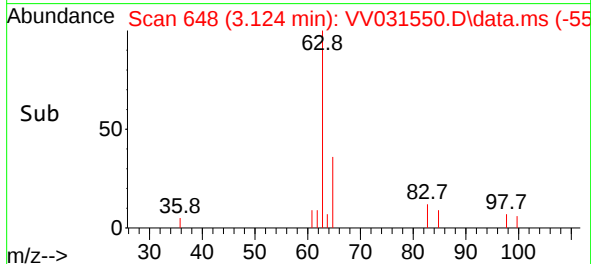
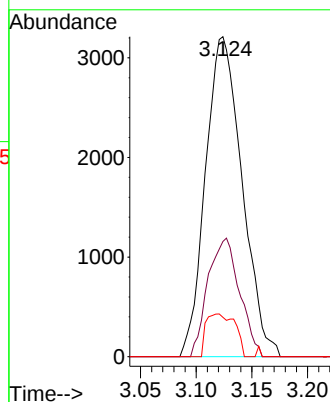
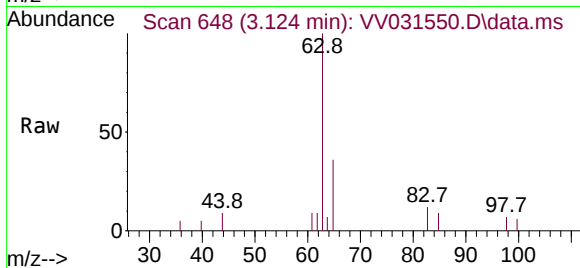
Tgt Ion: 63 Resp: 7338

Ion Ratio Lower Upper

63 100

65 33.6 22.5 41.7

83 11.5 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 33.438 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

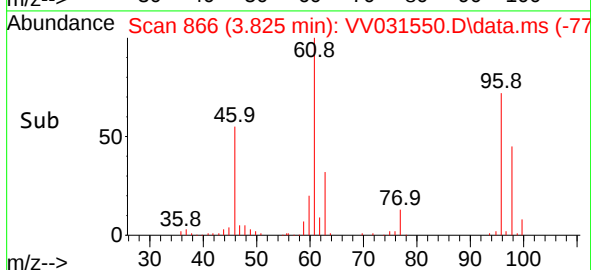
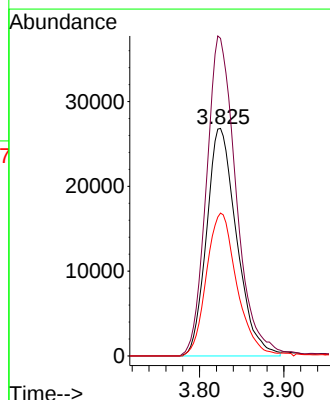
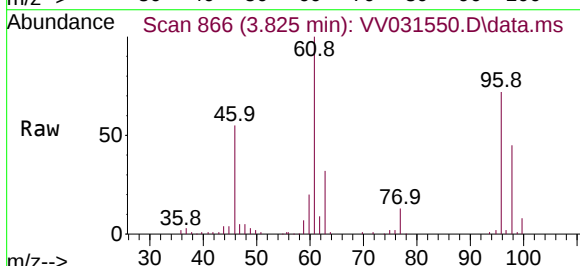
Tgt Ion: 96 Resp: 66512

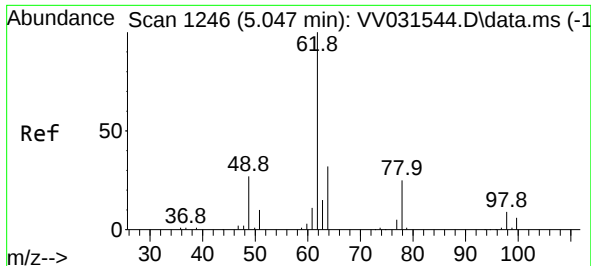
Ion Ratio Lower Upper

96 100

61 135.3 98.6 183.0

98 60.9 45.7 84.9





#27

1,2-Dichloroethane

Concen: 3.655 ug/L

RT: 5.060 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

Instrument :

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ClientSampleId :

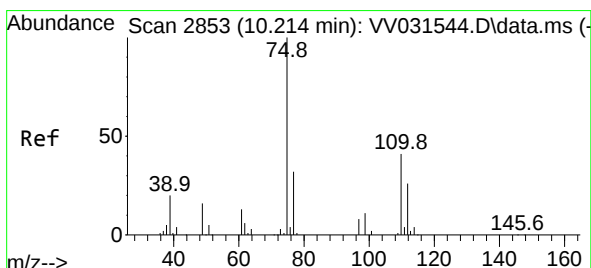
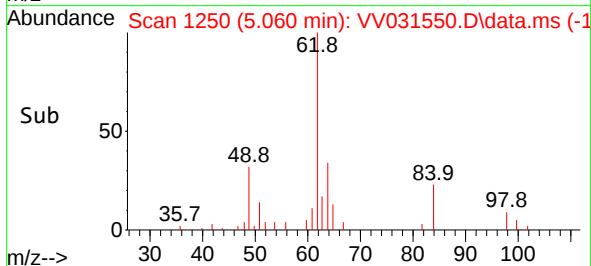
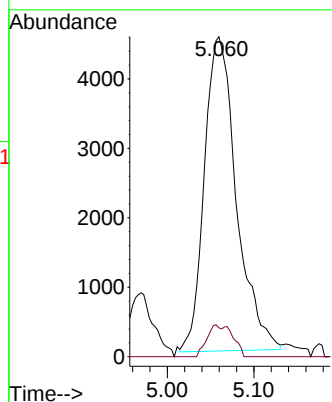
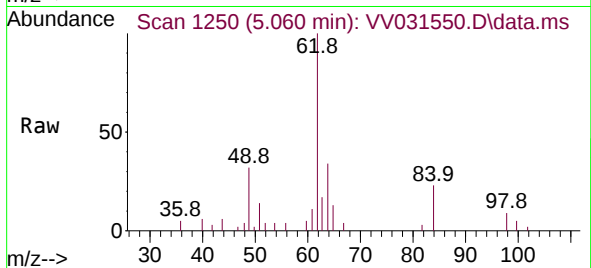
EXYW5

Tgt Ion: 62 Resp: 11648

Ion Ratio Lower Upper

62 100

98 7.7 6.6 9.8



#61

1,2,3-Trichloropropane

Concen: 6.065 ug/L

RT: 11.191 min Scan# 3157

Delta R.T. 0.978 min

Lab File: VV031550.D

Acq: 15 Jun 2023 23:52

Tgt Ion: 75 Resp: 13680

Ion Ratio Lower Upper

75 100

77 39.1 25.4 38.0#

110 2.8 31.3 46.9#

