

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031595.D
 Acq On : 19 Jun 2023 11:50
 Operator : SY/MD
 Sample : 03249-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS3DL

Quant Time: Jun 20 01:55:55 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)

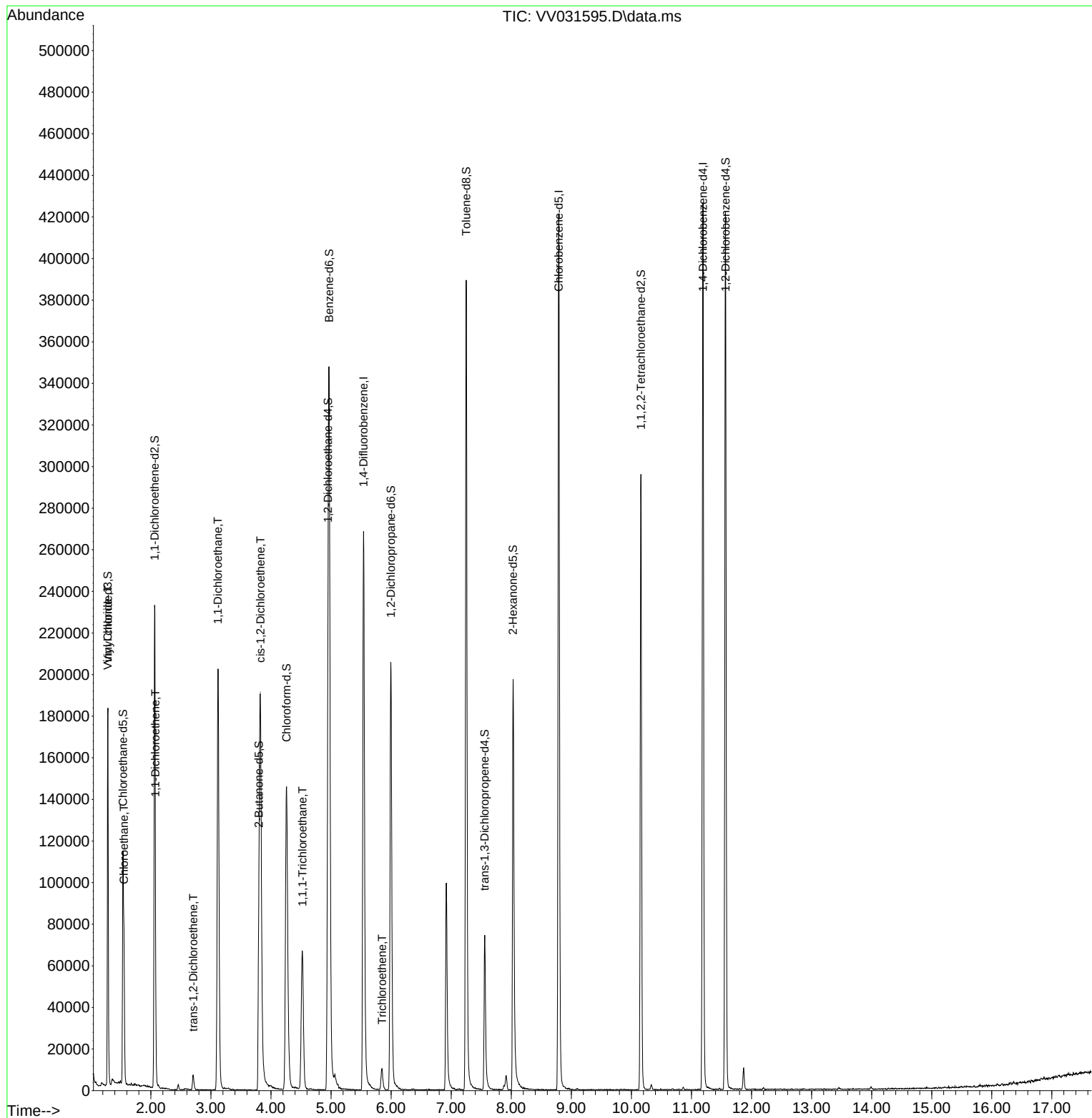
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	226815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	83641	56.291	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 112.580%		
7) Chloroethane-d5	1.536	69	71235	54.945	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 109.880%		
11) 1,1-Dichloroethene-d2	2.063	65	41018	53.563	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 107.120%		
21) 2-Butanone-d5	3.799	46	99851	82.991	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 82.990%		
24) Chloroform-d	4.259	84	161768	43.471	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 86.940%		
26) 1,2-Dichloroethane-d4	4.950	65	108169	46.459	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 92.920%		
32) Benzene-d6	4.966	84	309383	48.460	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 96.920%		
36) 1,2-Dichloropropane-d6	5.995	67	102887	45.469	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 90.940%		
41) Toluene-d8	7.249	98	263351	44.951	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 89.900%		
43) trans-1,3-Dichloroprop...	7.558	79	46992	42.600	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 85.200%		
47) 2-Hexanone-d5	8.031	63	69976	78.323	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 78.320%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	142284	41.658	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 83.320%		
66) 1,2-Dichlorobenzene-d4	11.567	152	105324	50.019	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 100.040%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	40234	18.163	ug/L	97
8) Chloroethane	1.552	64	32679	22.841	ug/L	93
12) 1,1-Dichloroethene	2.076	96	2599	1.573	ug/L #	1
17) trans-1,2-Dichloroethene	2.706	96	2765	1.603	ug/L	87
19) 1,1-Dichloroethane	3.118	63	206680	55.534	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	88935	47.724	ug/L	95
30) 1,1,1-Trichloroethane	4.523	97	58102	15.977	ug/L	99
34) Trichloroethene	5.851	95	3223	1.597	ug/L #	74

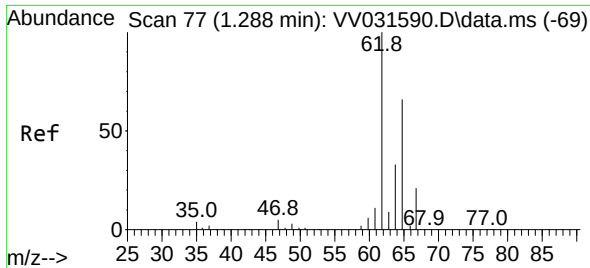
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
Data File : VV031595.D
Acq On : 19 Jun 2023 11:50
Operator : SY/MD
Sample : 03249-01DL 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYS3DL

Quant Time: Jun 20 01:55:55 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

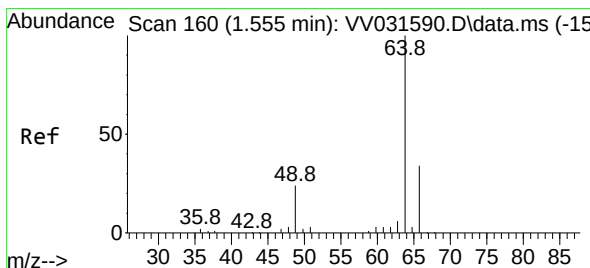
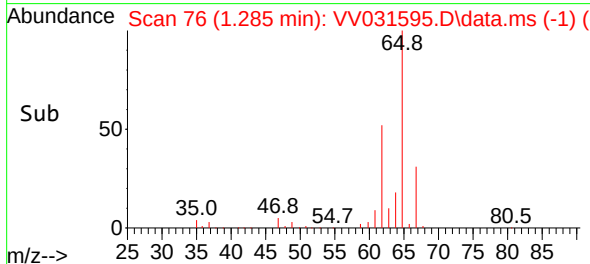
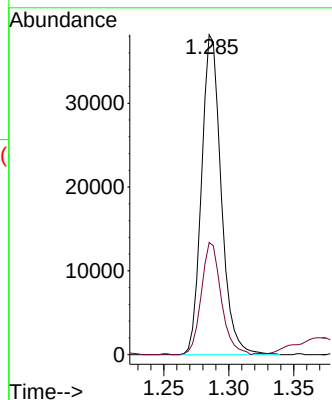
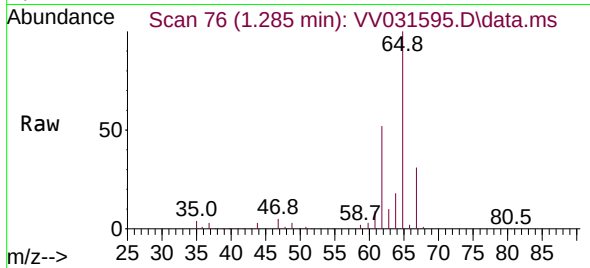




#5
 Vinyl chloride
 Concen: 18.163 ug/L
 RT: 1.285 min Scan# 77
 Delta R.T. -0.003 min
 Lab File: VV031595.D
 Acq: 19 Jun 2023 11:50

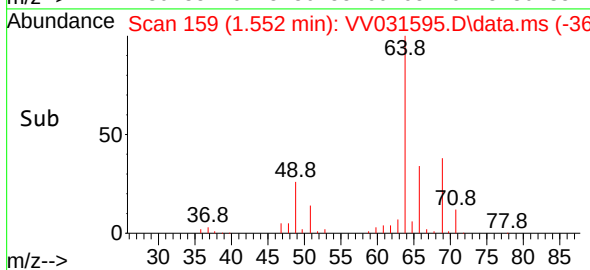
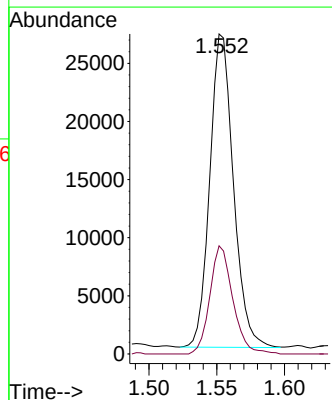
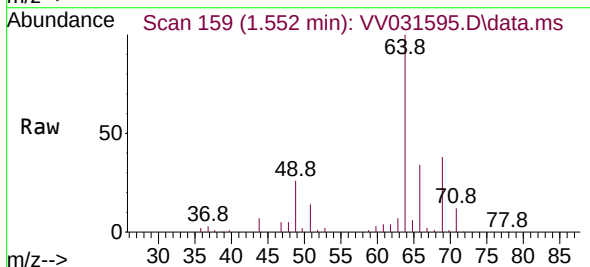
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYS3DL

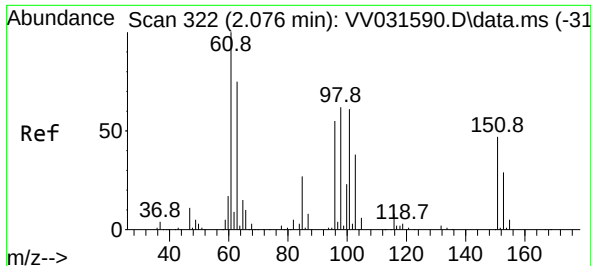
Tgt Ion: 62 Resp: 40234
 Ion Ratio Lower Upper
 62 100
 64 35.1 23.4 43.4



#8
 Chloroethane
 Concen: 22.841 ug/L
 RT: 1.552 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VV031595.D
 Acq: 19 Jun 2023 11:50

Tgt Ion: 64 Resp: 32679
 Ion Ratio Lower Upper
 64 100
 66 33.8 21.0 39.0





#12

1,1-Dichloroethene

Concen: 1.573 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Instrument :

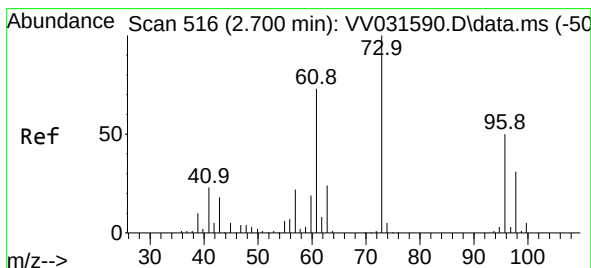
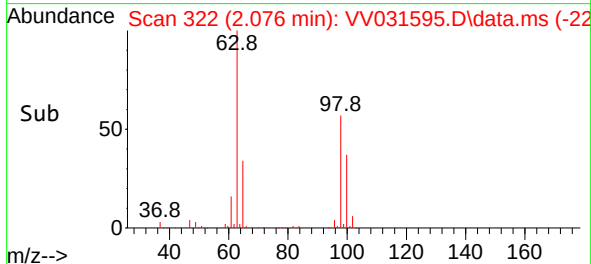
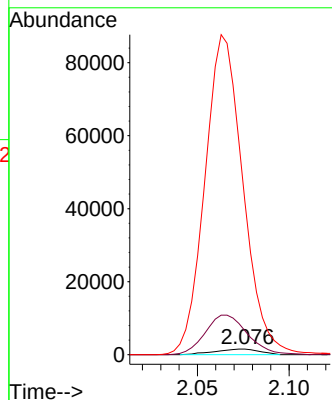
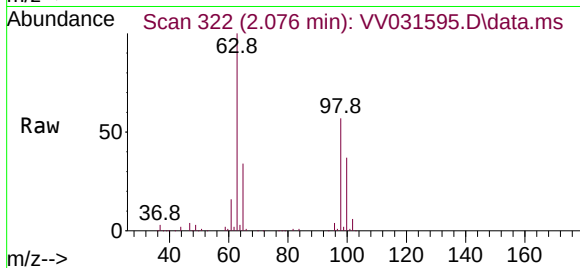
MSVOA_V

ClientSampleId :

EXYS3DL

Tgt Ion: 96 Resp: 2599

Ion	Ratio	Lower	Upper
96	100		
61	322.0	128.9	239.5#
63	2062.5	95.3	177.1#



#17

trans-1,2-Dichloroethene

Concen: 1.603 ug/L

RT: 2.706 min Scan# 518

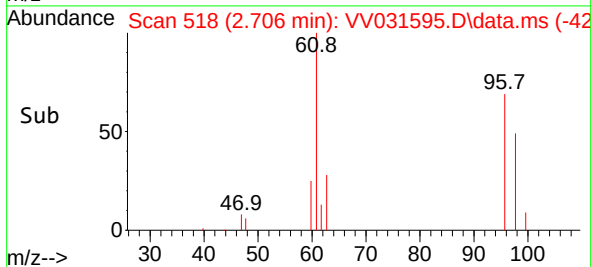
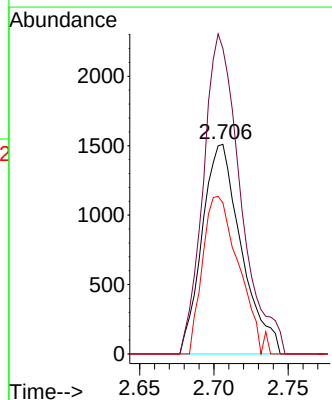
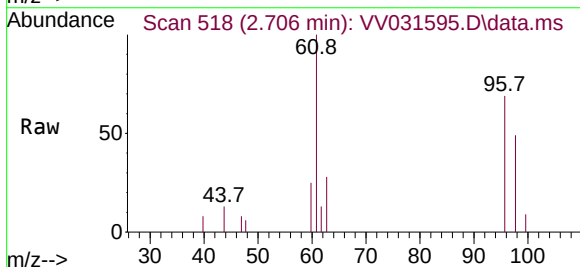
Delta R.T. 0.003 min

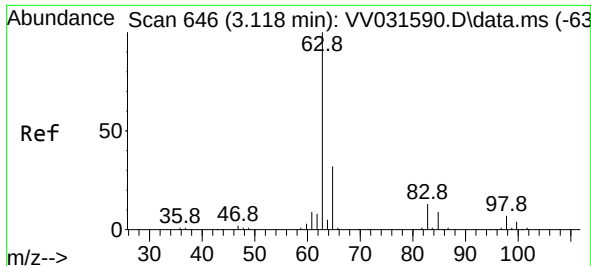
Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Tgt Ion: 96 Resp: 2765

Ion	Ratio	Lower	Upper
96	100		
61	164.0	102.5	190.3
98	72.1	44.1	81.9





#19

1,1-Dichloroethane

Concen: 55.534 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.000 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Instrument :

MSVOA_V

ClientSampleId :

EXYS3DL

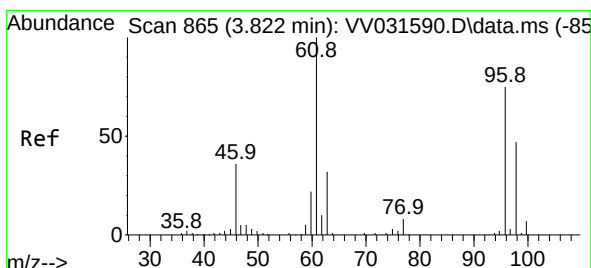
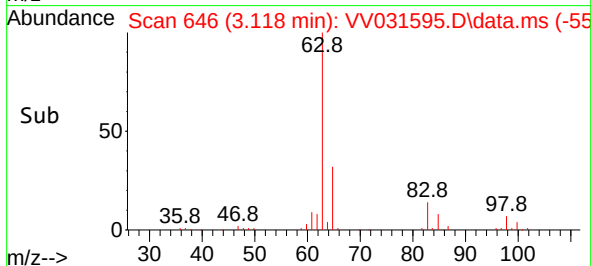
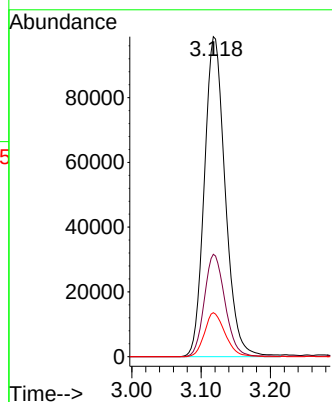
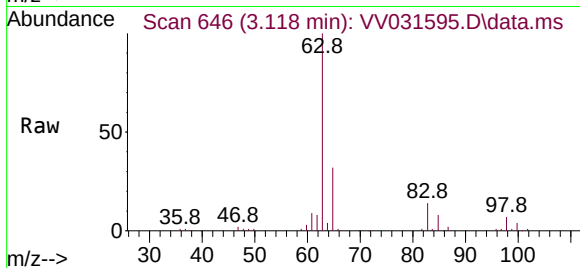
Tgt Ion: 63 Resp: 206680

Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 14.6 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 47.724 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.000 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

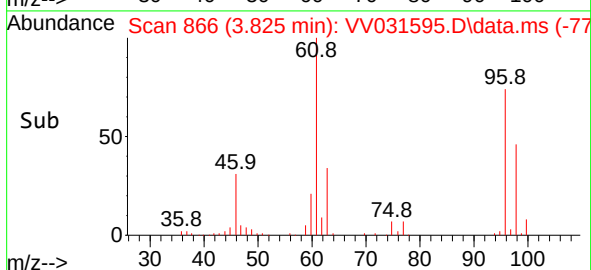
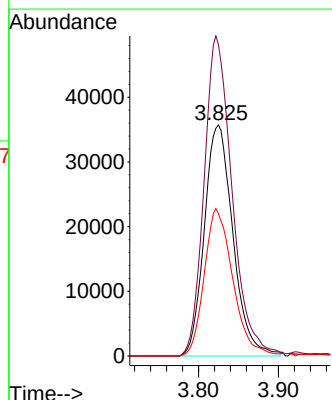
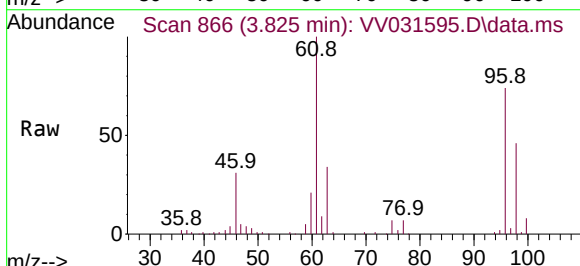
Tgt Ion: 96 Resp: 88935

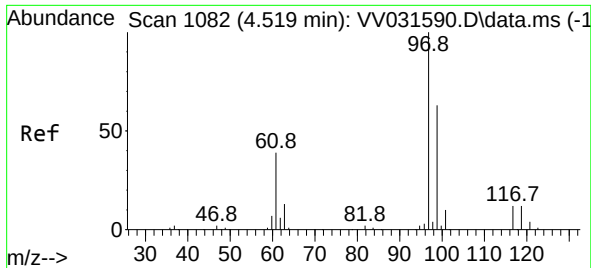
Ion Ratio Lower Upper

96 100

61 134.9 98.6 183.0

98 61.6 45.7 84.9

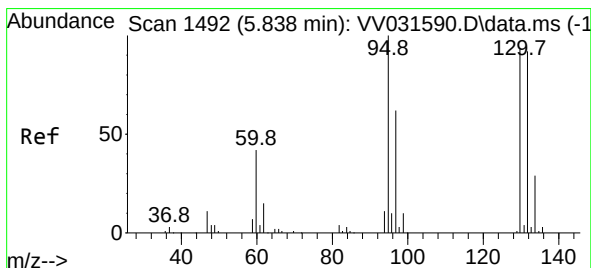
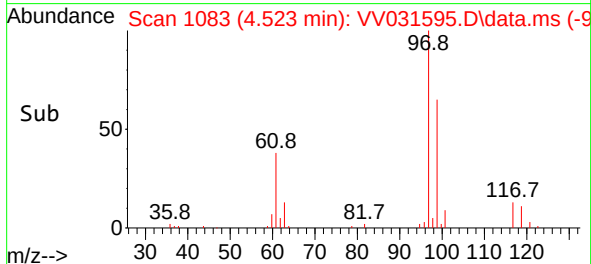
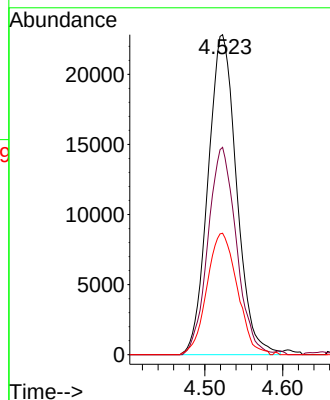
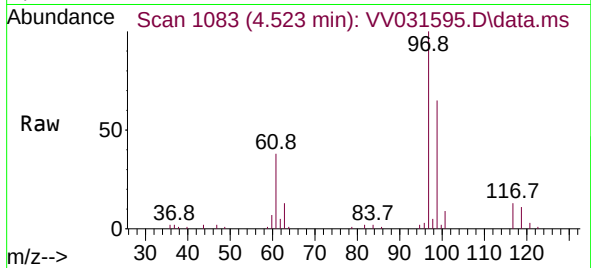




#30
1,1,1-Trichloroethane
Concen: 15.977 ug/L
RT: 4.523 min Scan# 1082
Delta R.T. 0.003 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

Instrument :
MSVOA_V
ClientSampleId :
EXYS3DL

Tgt Ion: 97 Resp: 58102
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 40.3 33.0 49.6



#34
Trichloroethene
Concen: 1.597 ug/L
RT: 5.851 min Scan# 1496
Delta R.T. 0.013 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

Tgt Ion: 95 Resp: 3223
Ion Ratio Lower Upper
95 100
97 91.3 46.8 86.8#
132 125.5 66.4 123.2#
130 116.5 69.7 129.4

