

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)

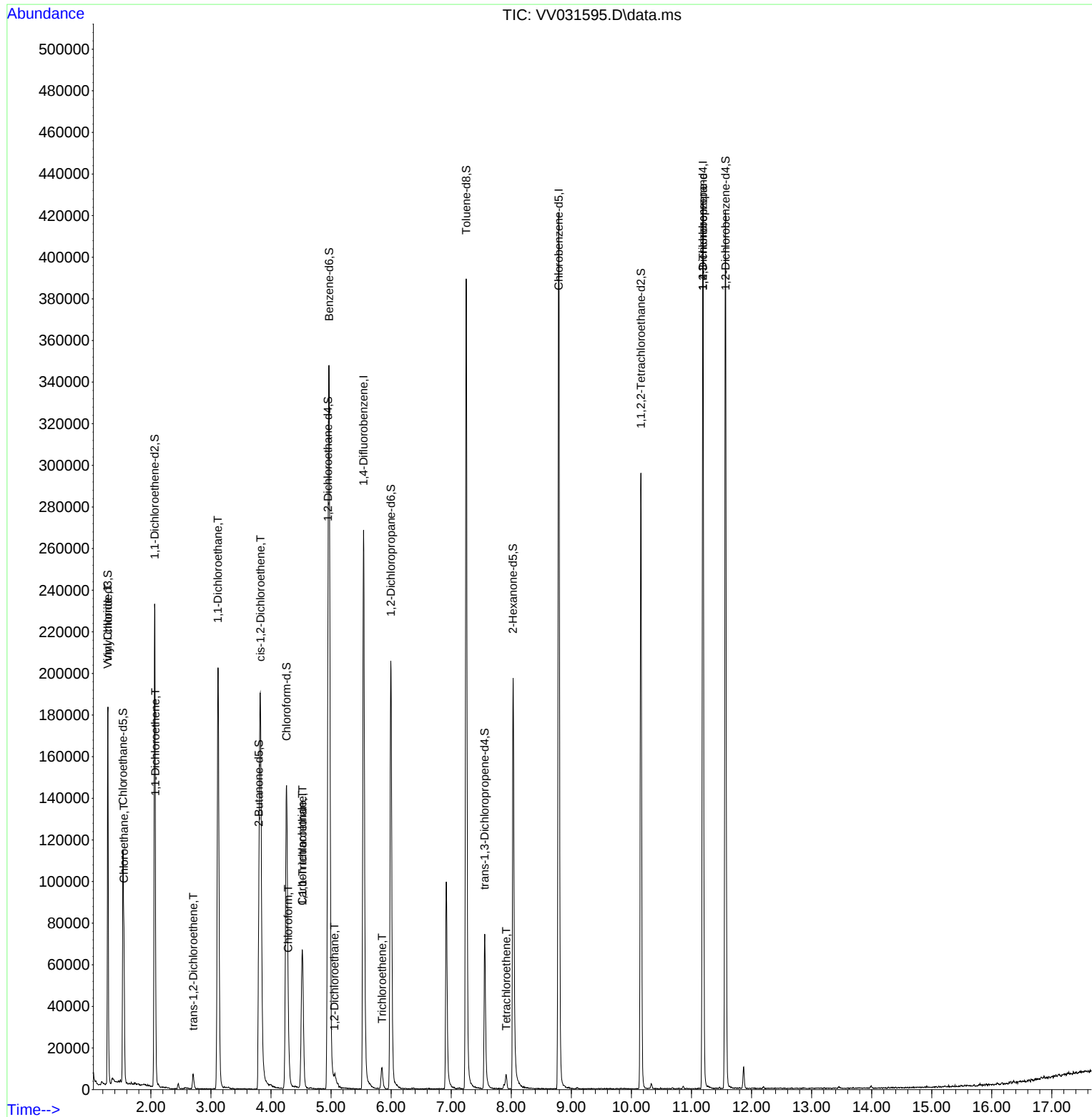
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223261	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	226815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	110466	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	83641	56.291	ug/L	0.00
Spiked Amount	50.000	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
25) Chloroform	4.288	83	10368	2.680	ug/L	98
27) 1,2-Dichloroethane	5.056	62	4015	1.345	ug/L #	77
30) 1,1,1-Trichloroethane	4.523	97	58102	15.977	ug/L	99
31) Carbon tetrachloride	4.519	117	6546	2.032	ug/L	95
34) Trichloroethene	5.851	95	3223	1.597	ug/L #	74
46) Tetrachloroethene	7.918	164	1343	0.848	ug/L #	51
61) 1,2,3-Trichloropropane	11.191	75	12510	5.734	ug/L #	62

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

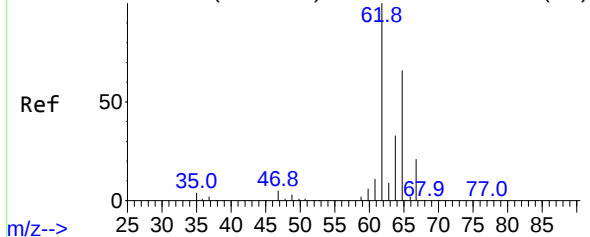
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061923\
Data File : VV031595.D
Acq On : 19 Jun 2023 11:50
Operator : SY/MD
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MSVOA_V
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Quant Time: Jun 20 01:55:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 17 02:08:04 2023
Response via : Initial Calibration



Abundance Scan 77 (1.288 min): VV031590.D\data.ms (-69)



#5

Vinyl chloride

Concen: 18.163 ug/L

RT: 1.285 min Scan# 70

Delta R.T. -0.003 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Instrument :

MSVOA_V

ClientSampleId :

EXYS3DL

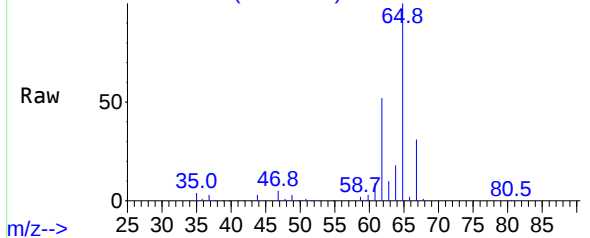
Tgt Ion: 62 Resp: 40234

Ion Ratio Lower Upper

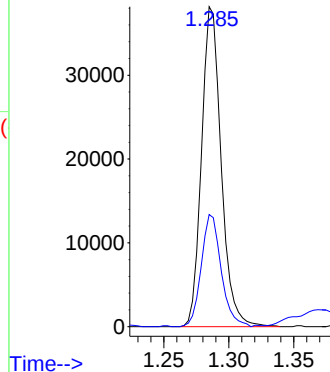
62 100

64 35.1 23.4 43.4

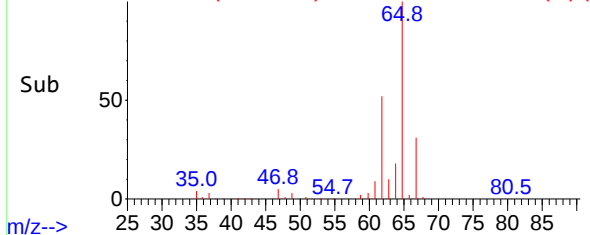
Abundance Scan 76 (1.285 min): VV031595.D\data.ms



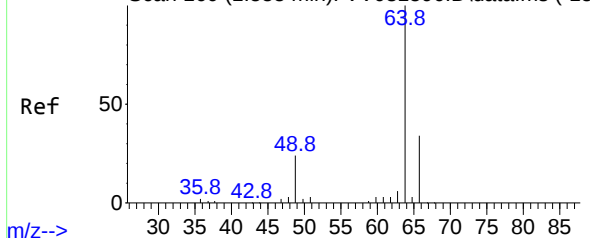
Abundance



Abundance Scan 76 (1.285 min): VV031595.D\data.ms (-1)



Abundance Scan 160 (1.555 min): VV031590.D\data.ms (-15)



#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

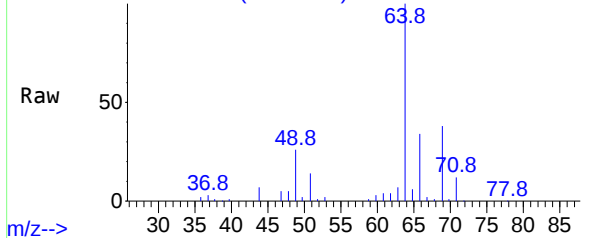
Tgt Ion: 64 Resp: 32679

Ion Ratio Lower Upper

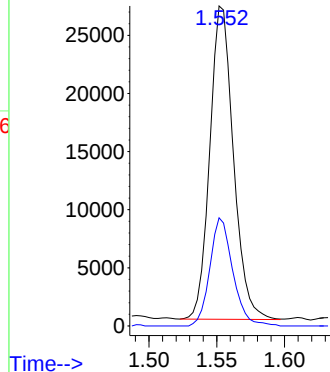
64 100

66 33.8 21.0 39.0

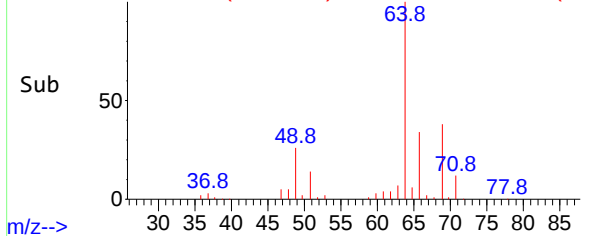
Abundance Scan 159 (1.552 min): VV031595.D\data.ms

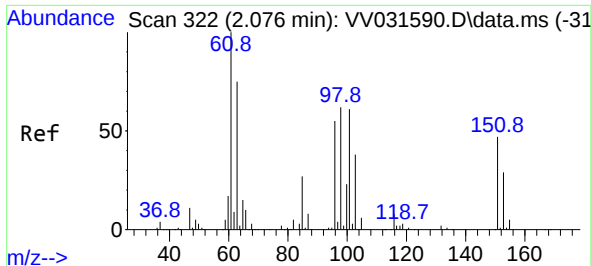


Abundance



Abundance Scan 159 (1.552 min): VV031595.D\data.ms (-36)

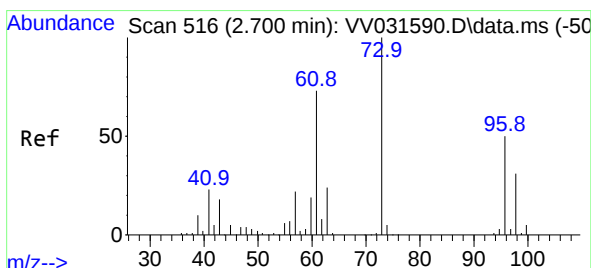
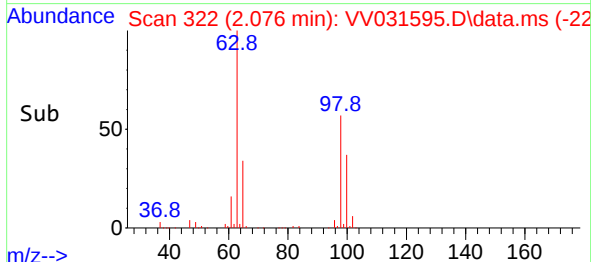
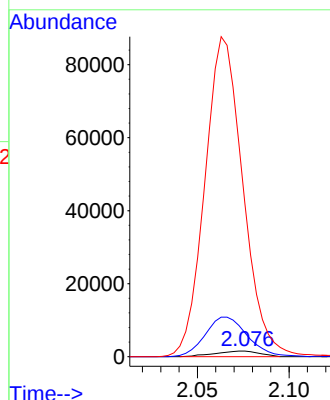
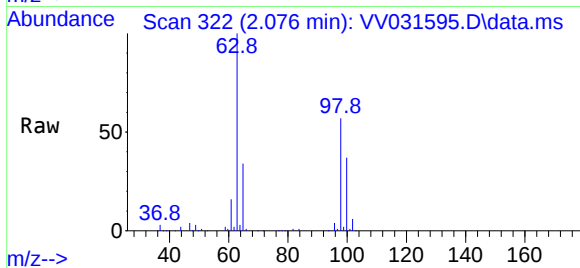




#12
1,1-Dichloroethene
Concen: 1.573 ug/L
RT: 2.076 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

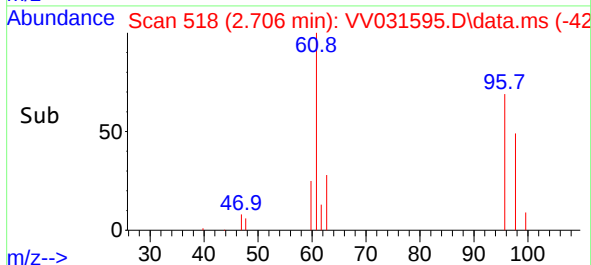
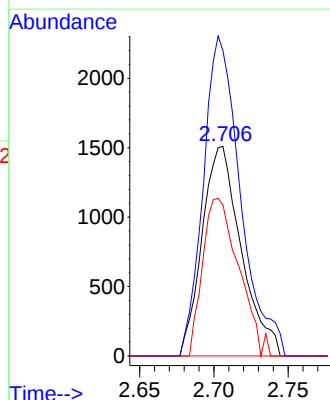
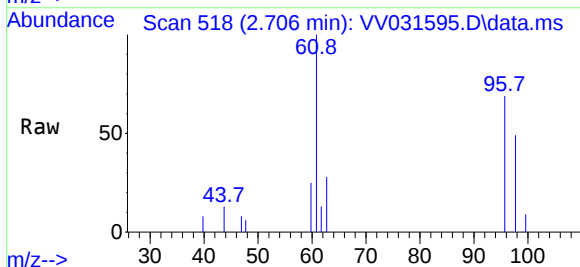
Instrument :
MSVOA_V
ClientSampleId :
EXYS3DL

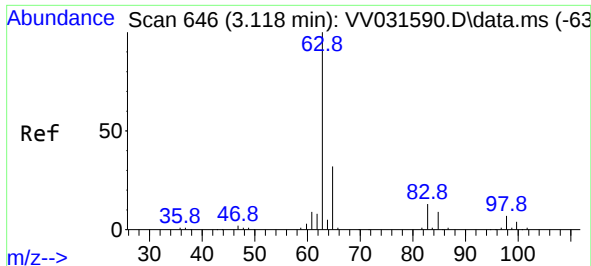
Tgt Ion: 96 Resp: 2599
Ion Ratio Lower Upper
96 100
61 322.0 128.9 239.5#
63 2062.5 95.3 177.1#



#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

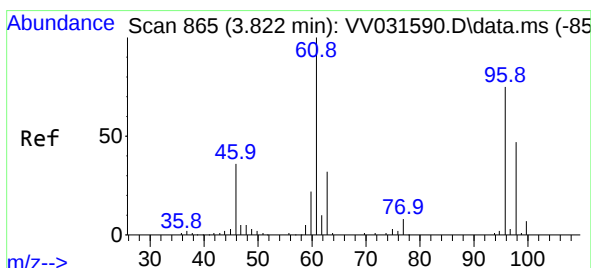
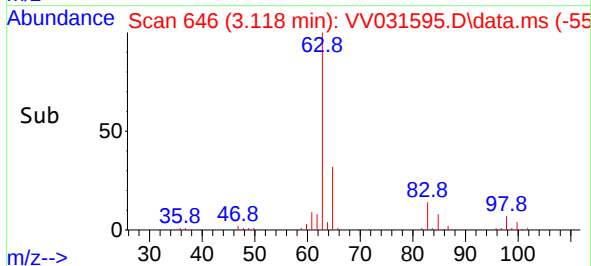
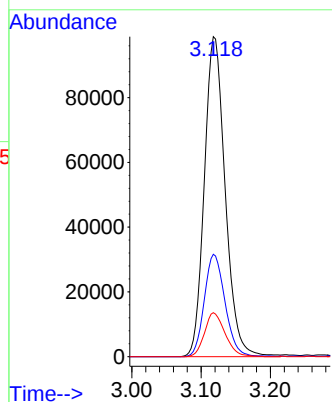
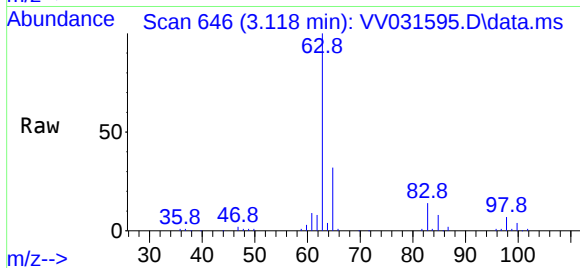
Tgt Ion: 63 Resp: 206680

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

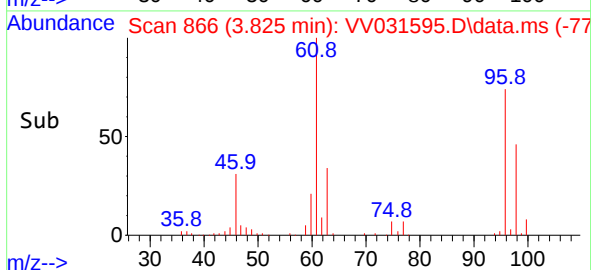
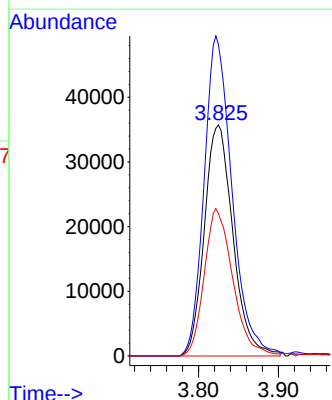
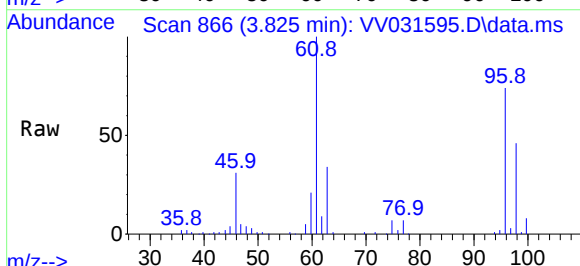
Tgt Ion: 96 Resp: 88935

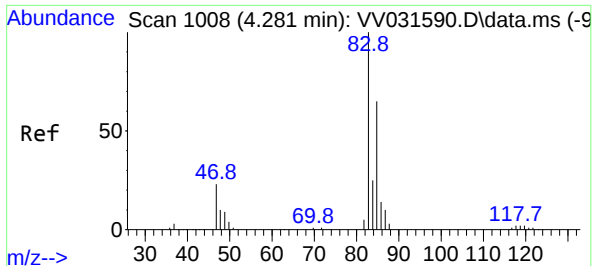
Ion Ratio Lower Upper

96 100

61 134.9 98.6 183.0

98 61.6 45.7 84.9





#25

Chloroform

Concen: 2.680 ug/L

RT: 4.288 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Instrument :

MSVOA_V

ClientSampleId :

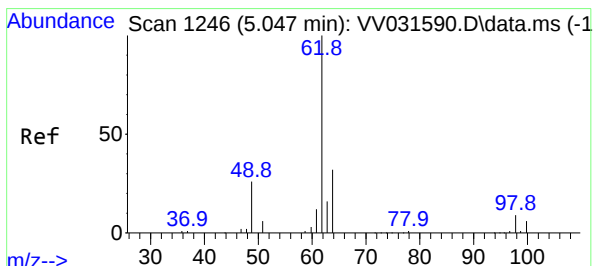
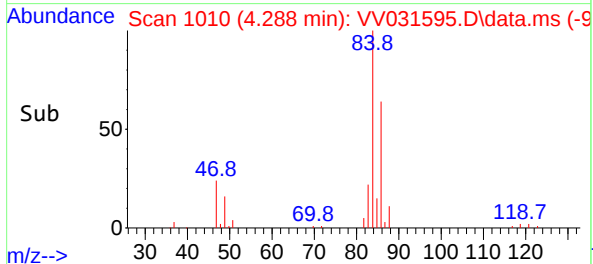
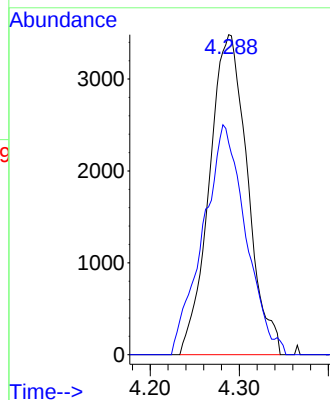
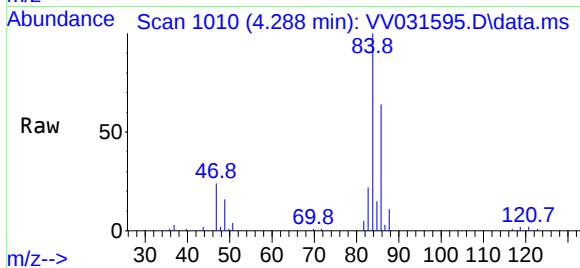
EXYS3DL

Tgt Ion: 83 Resp: 10368

Ion Ratio Lower Upper

83 100

85 66.2 45.3 84.1



#27

1,2-Dichloroethane

Concen: 1.345 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.010 min

Lab File: VV031595.D

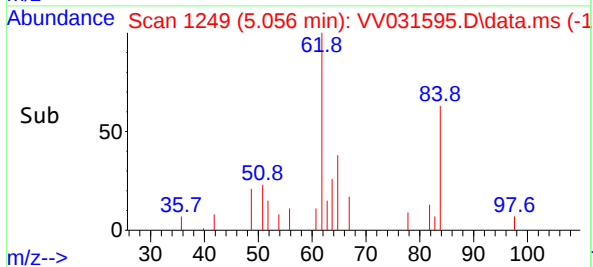
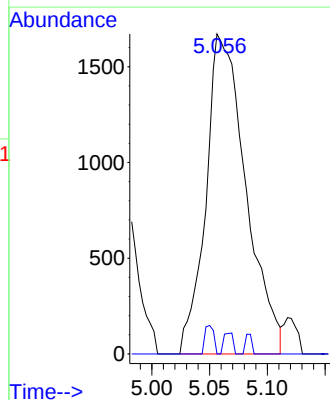
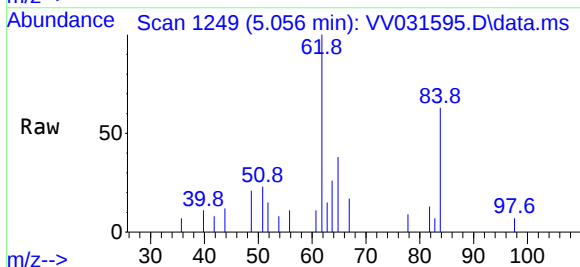
Acq: 19 Jun 2023 11:50

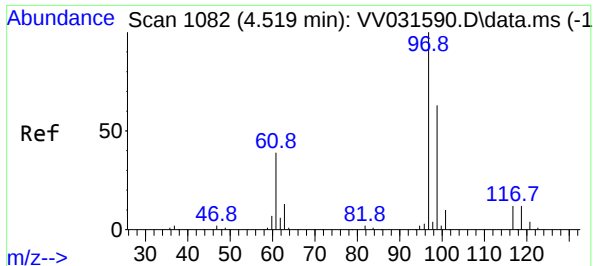
Tgt Ion: 62 Resp: 4015

Ion Ratio Lower Upper

62 100

98 0.0 6.6 9.8#

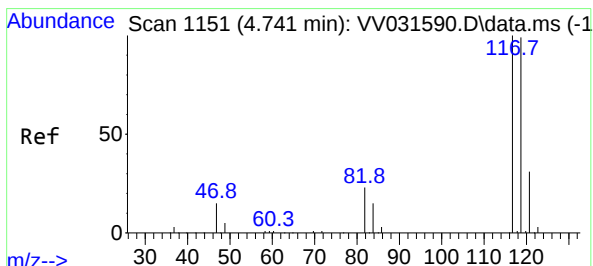
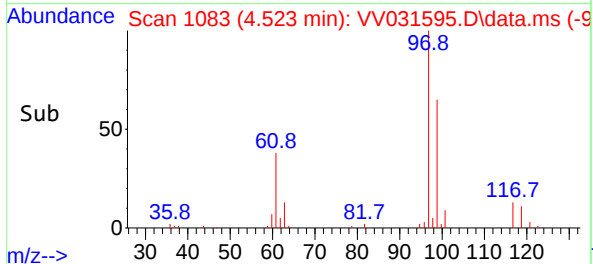
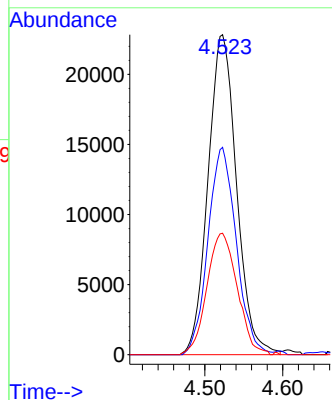
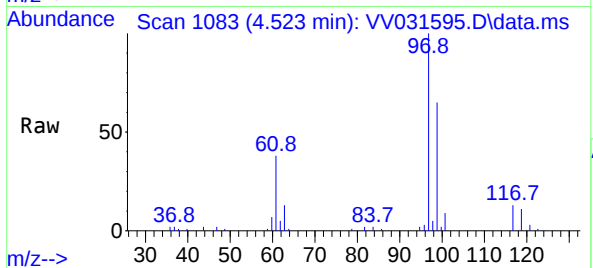




#30
1,1,1-Trichloroethane
Concen: 15.977 ug/L
RT: 4.523 min Scan# 1083
Delta R.T. 0.003 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

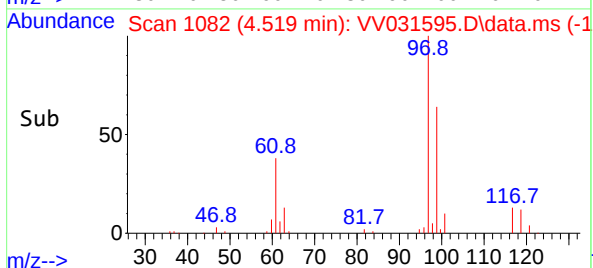
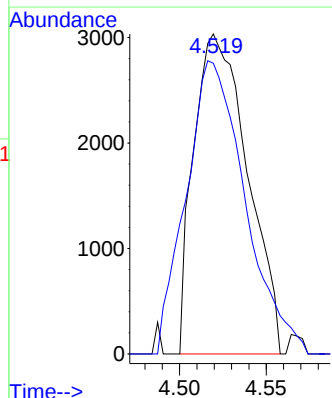
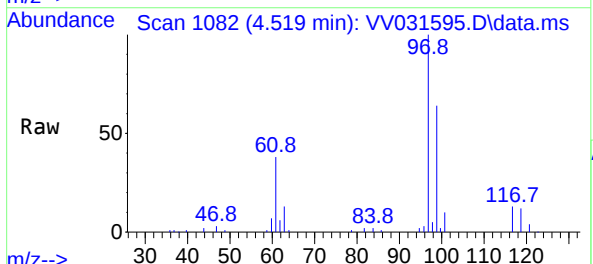
Instrument :
MSVOA_V
ClientSampleId :
EXYS3DL

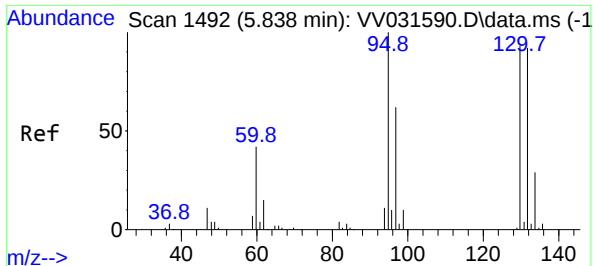
Tgt Ion: 97 Resp: 58102
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 40.3 33.0 49.6



#31
Carbon tetrachloride
Concen: 2.032 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.225 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

Tgt Ion: 117 Resp: 6546
Ion Ratio Lower Upper
117 100
119 100.5 76.2 114.4





#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

Instrument :

MSVOA_V

ClientSampleId :

EXYS3DL

Tgt Ion: 95 Resp: 3223

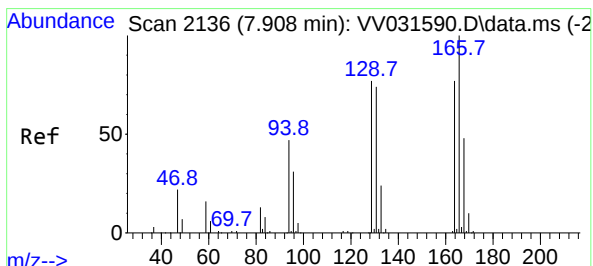
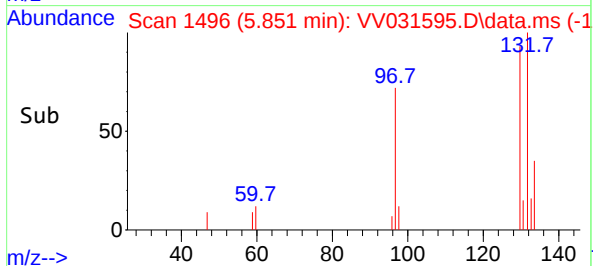
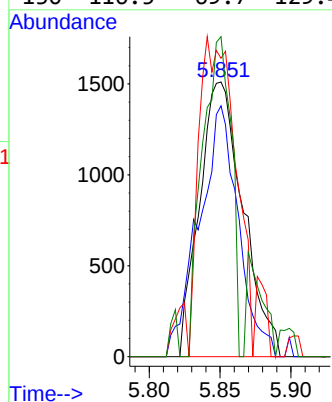
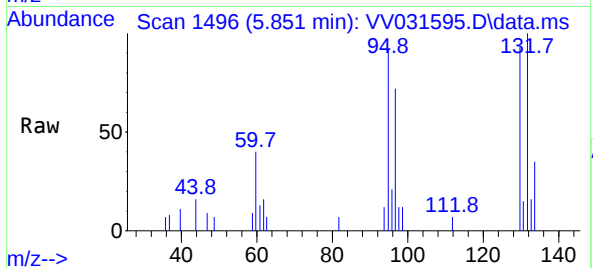
Ion Ratio Lower Upper

95 100

97 91.3 46.8 86.8#

132 125.5 66.4 123.2#

130 116.5 69.7 129.4



#46

Tetrachloroethene

Concen: 0.848 ug/L

RT: 7.918 min Scan# 2139

Delta R.T. 0.007 min

Lab File: VV031595.D

Acq: 19 Jun 2023 11:50

Tgt Ion:164 Resp: 1343

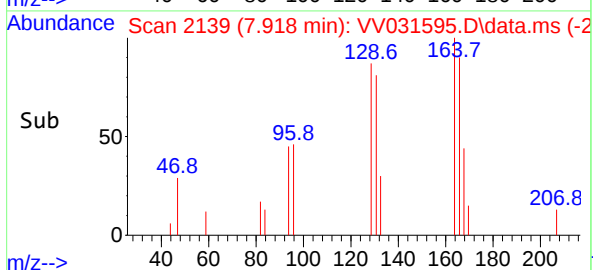
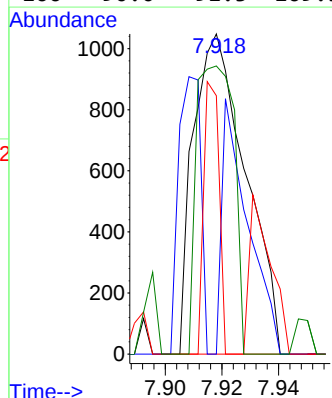
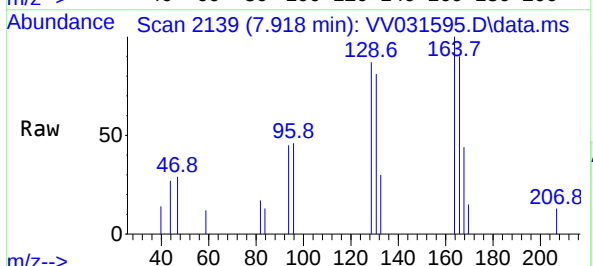
Ion Ratio Lower Upper

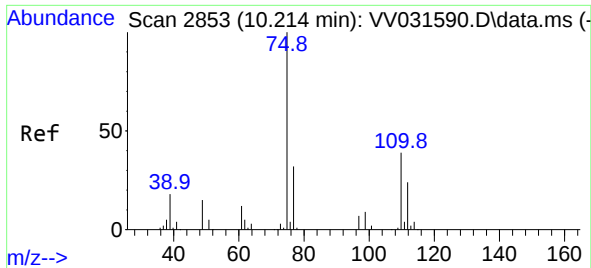
164 100

129 0.0 68.4 127.0#

131 80.7 67.6 125.6

166 90.0 91.3 169.5#





#61
1,2,3-Trichloropropane
Concen: 5.734 ug/L
RT: 11.191 min Scan# 31
Delta R.T. 0.978 min
Lab File: VV031595.D
Acq: 19 Jun 2023 11:50

Instrument :
MSVOA_V
ClientSampleId :
EXYS3DL

Tgt Ion: 75 Resp: 12510
Ion Ratio Lower Upper
75 100
77 36.7 25.4 38.0
110 1.6 31.3 46.9#

