

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061623\
 Data File : VW031566.D
 Acq On : 16 Jun 2023 11:18
 Operator : SY/MD
 Sample : 03254-03DL 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ2DL

Quant Time: Jun 17 02:27:07 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)

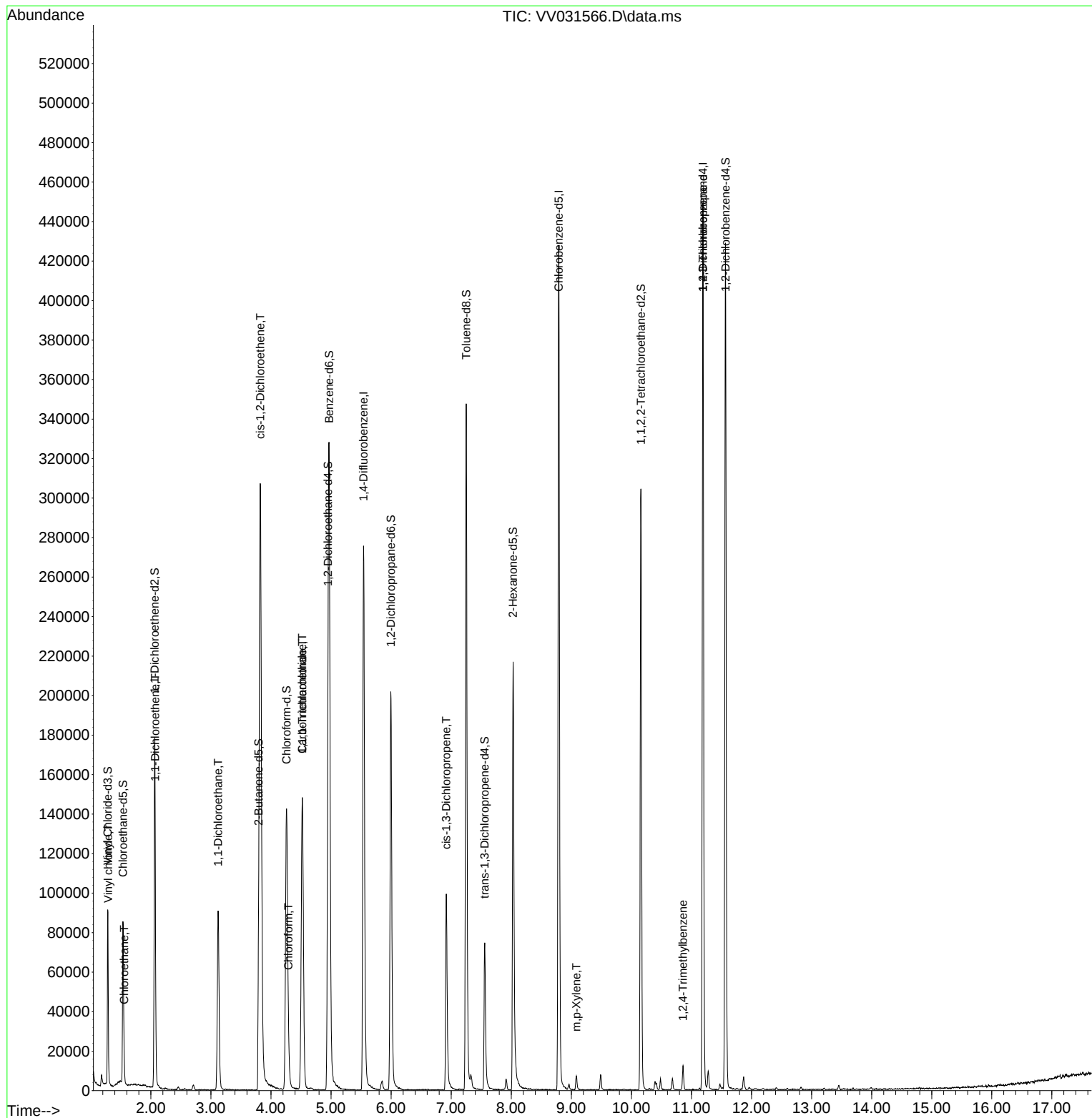
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	225667	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	229677	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	112773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	53783	35.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.620%
7) Chloroethane-d5	1.536	69	53388	40.740	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.480%
11) 1,1-Dichloroethene-d2	2.066	65	30518	39.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.860%
21) 2-Butanone-d5	3.796	46	106248	87.366	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.370%
24) Chloroform-d	4.259	84	156410	41.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.160%
26) 1,2-Dichloroethane-d4	4.950	65	104384	44.355	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
32) Benzene-d6	4.970	84	280026	43.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.620%
36) 1,2-Dichloropropane-d6	5.995	67	101038	44.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	7.249	98	236883	39.929	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.860%#
43) trans-1,3-Dichloroprop...	7.558	79	45754	40.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.031	63	78117	86.345	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.350%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	146982	42.498	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	11.567	152	107017	49.783	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.560%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	6033	2.694	ug/L #	77
8) Chloroethane	1.555	64	4462	3.085	ug/L	98
12) 1,1-Dichloroethene	2.073	96	2920	1.749	ug/L #	1
19) 1,1-Dichloroethane	3.121	63	91845	24.415	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	154774	82.169	ug/L	96
25) Chloroform	4.291	83	8223	2.103	ug/L	98
30) 1,1,1-Trichloroethane	4.519	97	128489	34.893	ug/L	99
31) Carbon tetrachloride	4.519	117	15562	4.770	ug/L	98
39) cis-1,3-Dichloropropene	6.918	75	2626	0.788	ug/L #	50
53) m,p-Xylene	9.085	106	2176	0.672	ug/L	84
61) 1,2,3-Trichloropropane	11.191	75	14020	6.294	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.860	105	6795	1.227	ug/L	98

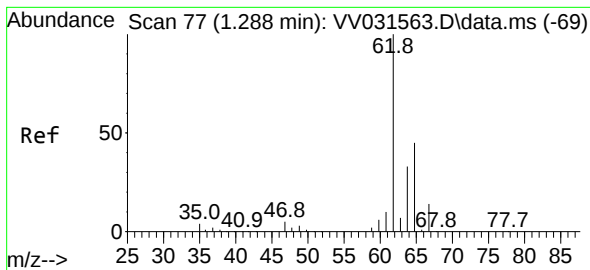
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 17 02:08:04 2023
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.694 ug/L

RT: 1.288 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV031566.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_V

ClientSampleId :

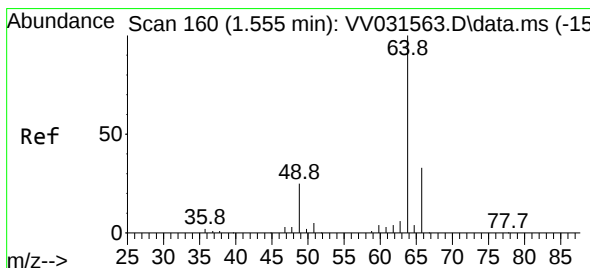
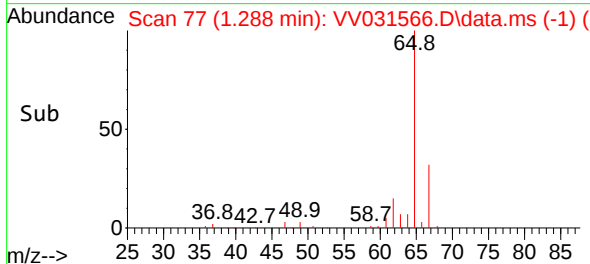
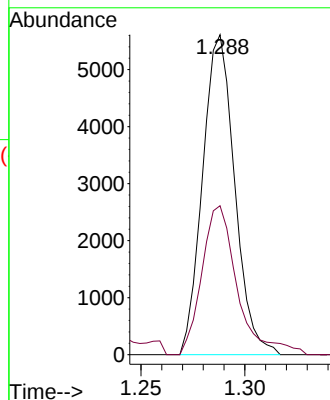
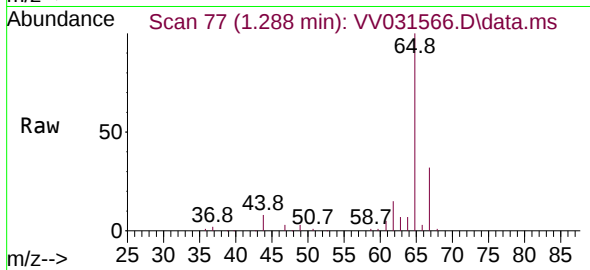
XYZZDL

Tgt Ion: 62 Resp: 6033

Ion Ratio Lower Upper

62 100

64 46.6 23.4 43.4#



#8

Chloroethane

Concen: 3.085 ug/L

RT: 1.555 min Scan# 160

Delta R.T. 0.000 min

Lab File: VV031566.D

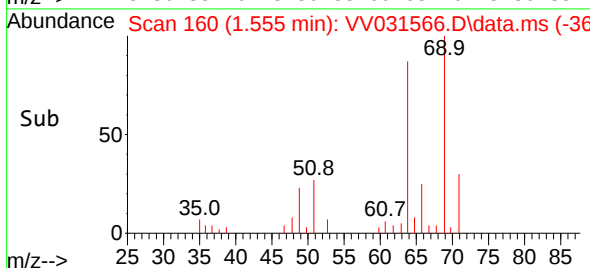
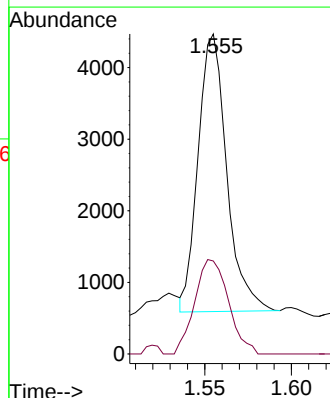
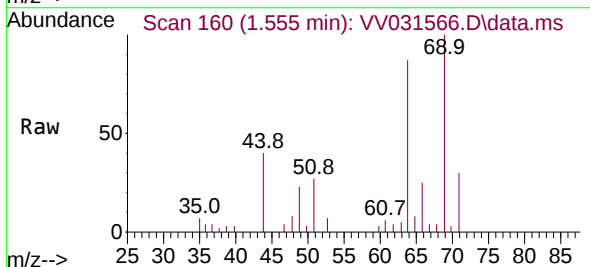
Acq: 16 Jun 2023 11:18

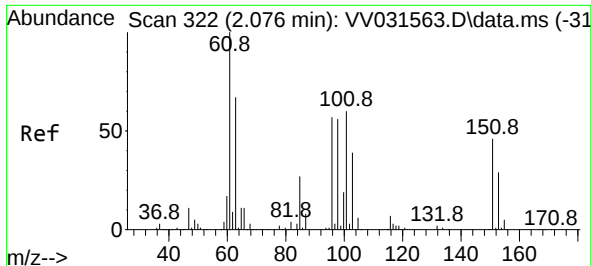
Tgt Ion: 64 Resp: 4462

Ion Ratio Lower Upper

64 100

66 29.0 21.0 39.0





#12

1,1-Dichloroethene

Concen: 1.749 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV031566.D

Acq: 16 Jun 2023 11:18

Instrument :

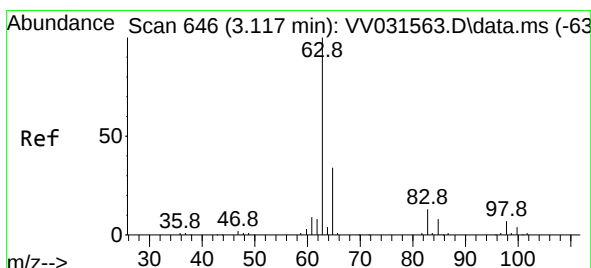
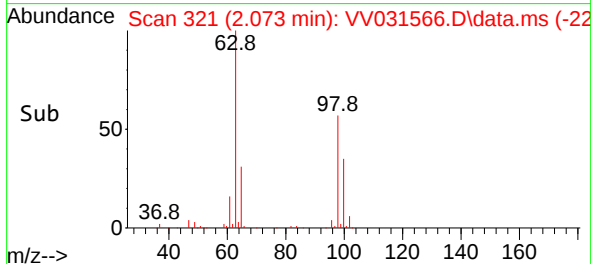
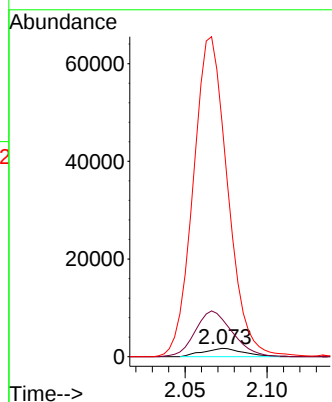
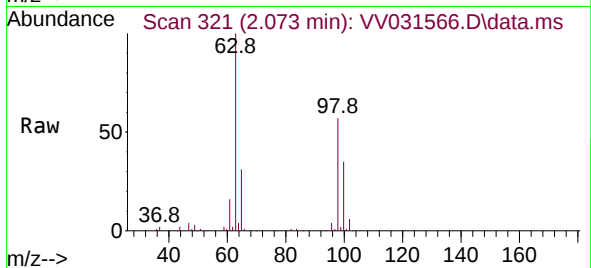
MSVOA_V

ClientSampleId :

XYZZDL

Tgt Ion: 96 Resp: 2920

Ion	Ratio	Lower	Upper
96	100		
61	452.2	128.9	239.5#
63	2810.4	95.3	177.1#



#19

1,1-Dichloroethane

Concen: 24.415 ug/L

RT: 3.121 min Scan# 647

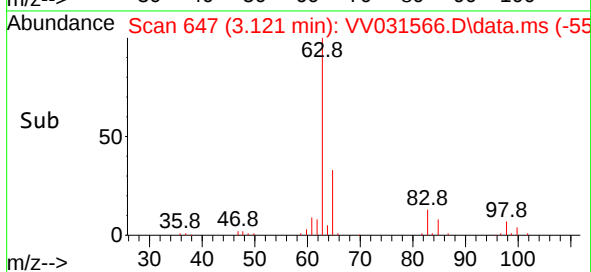
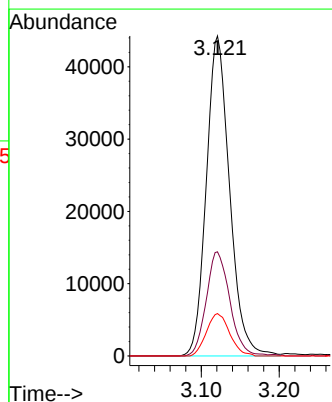
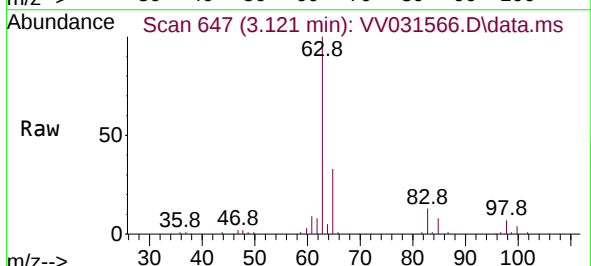
Delta R.T. 0.003 min

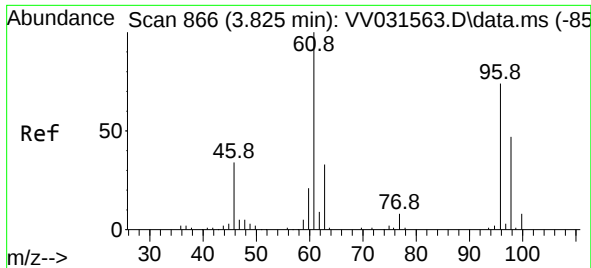
Lab File: VV031566.D

Acq: 16 Jun 2023 11:18

Tgt Ion: 63 Resp: 91845

Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.5	41.7
83	14.0	10.0	18.6

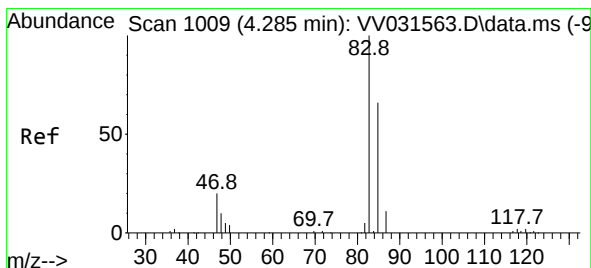
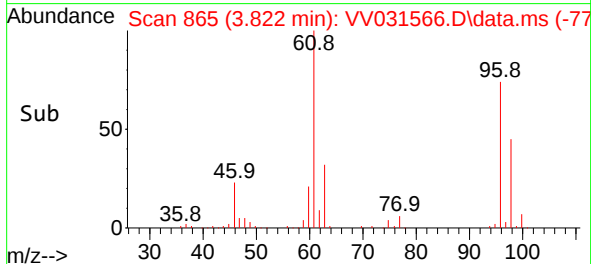
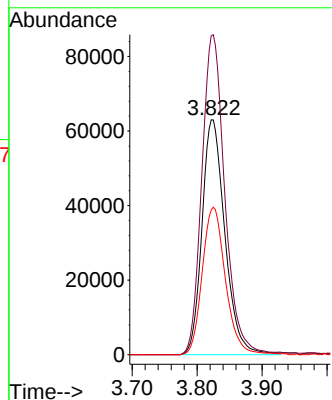
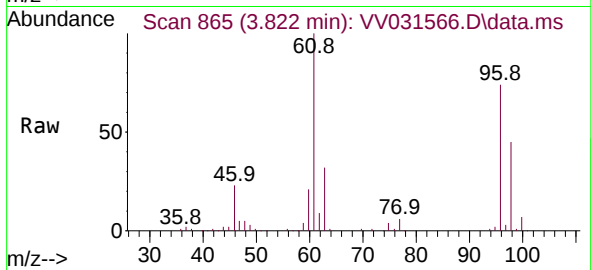




#20
cis-1,2-Dichloroethene
Concen: 82.169 ug/L
RT: 3.822 min Scan# 80
Delta R.T. -0.003 min
Lab File: VV031566.D
Acq: 16 Jun 2023 11:18

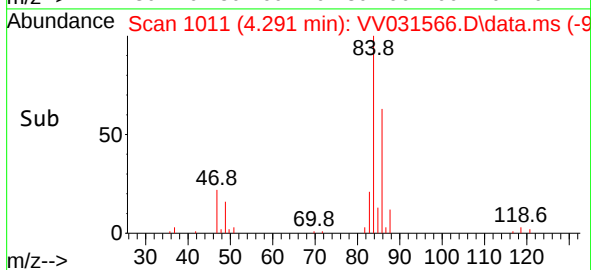
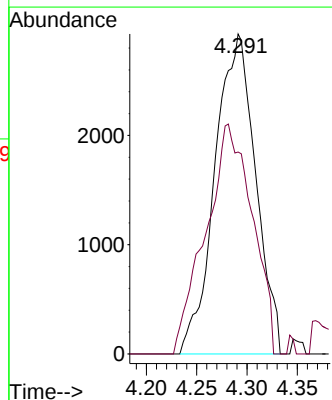
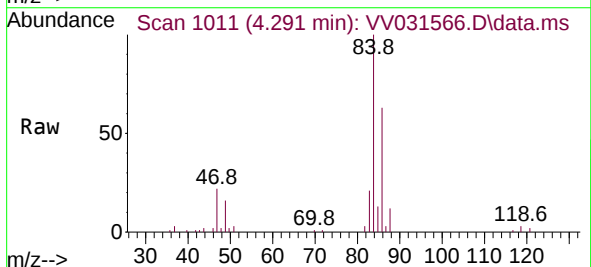
Instrument :
MSVOA_V
ClientSampleId :
EXYZ2DL

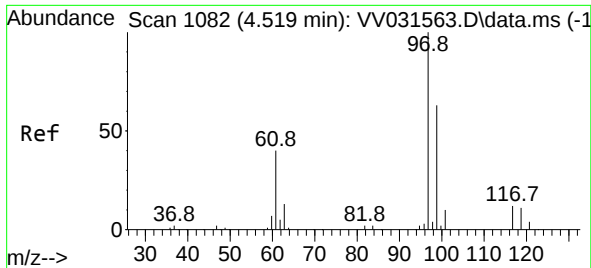
Tgt Ion: 96 Resp: 154774
Ion Ratio Lower Upper
96 100
61 135.8 98.6 183.0
98 61.6 45.7 84.9



#25
Chloroform
Concen: 2.103 ug/L
RT: 4.291 min Scan# 1011
Delta R.T. 0.007 min
Lab File: VV031566.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 83 Resp: 8223
Ion Ratio Lower Upper
83 100
85 63.1 45.3 84.1





#30

1,1,1-Trichloroethane

Concen: 34.893 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.000 min

Lab File: VV031566.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_V

ClientSampleId :

EXYZ2DL

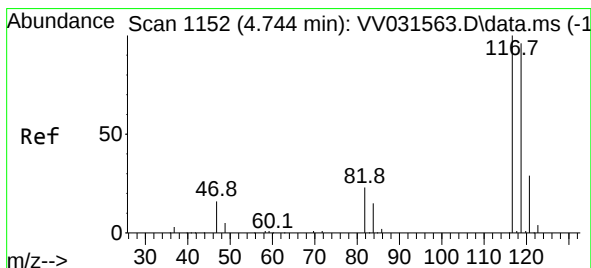
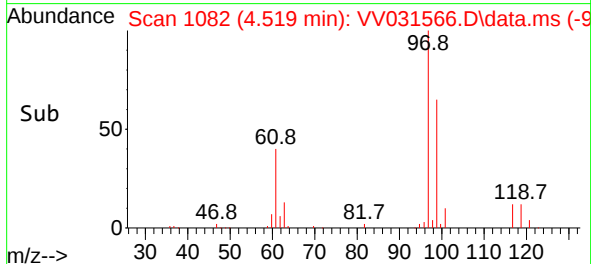
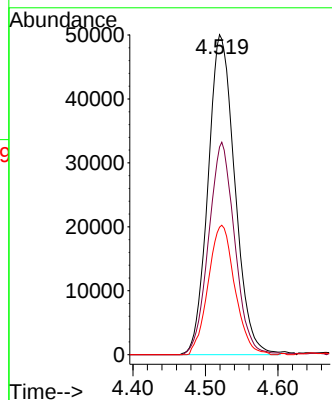
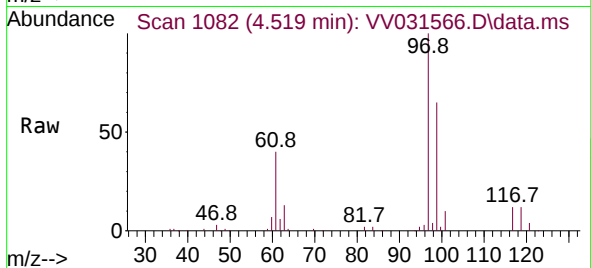
Tgt Ion: 97 Resp: 128489

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.6

61 40.2 33.0 49.6



#31

Carbon tetrachloride

Concen: 4.770 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.225 min

Lab File: VV031566.D

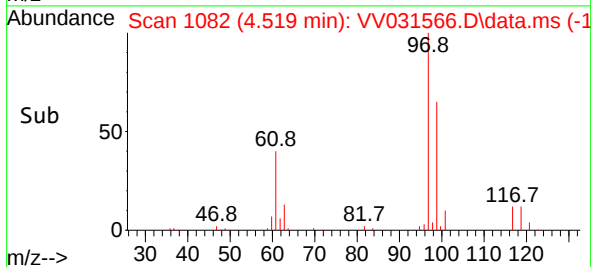
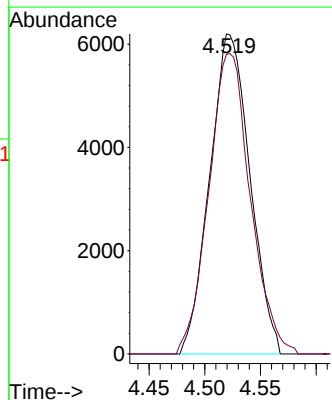
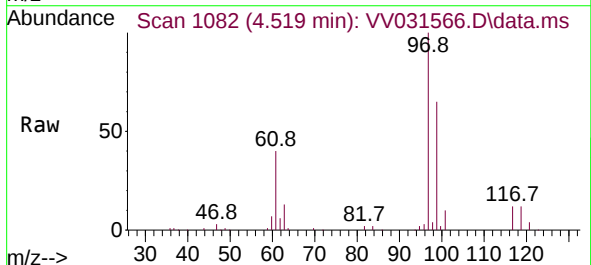
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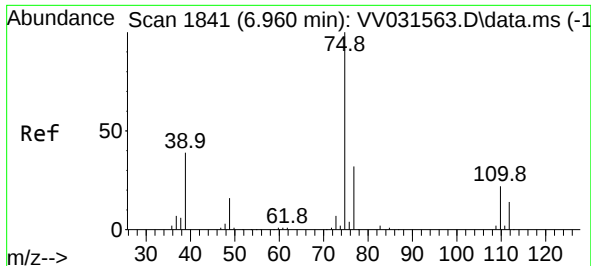
Tgt Ion: 117 Resp: 15562

Ion Ratio Lower Upper

117 100

119 97.0 76.2 114.4





#39

cis-1,3-Dichloropropene

Concen: 0.788 ug/L

RT: 6.918 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV031566.D

Acq: 16 Jun 2023 11:18

Instrument :

MSVOA_V

ClientSampleId :

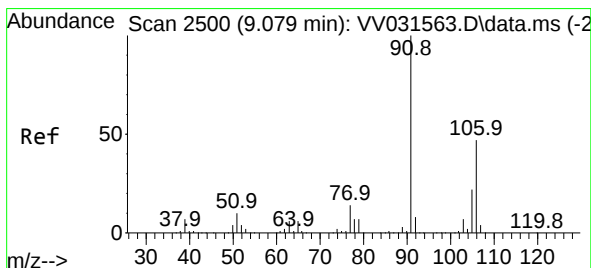
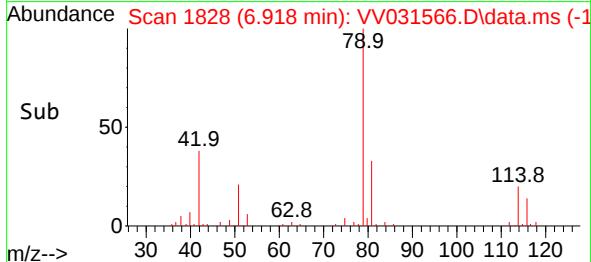
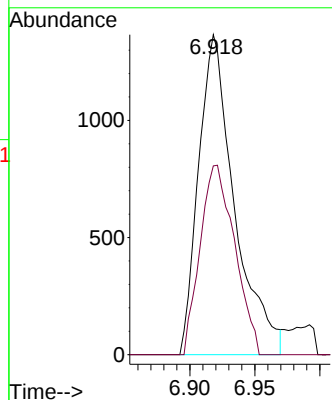
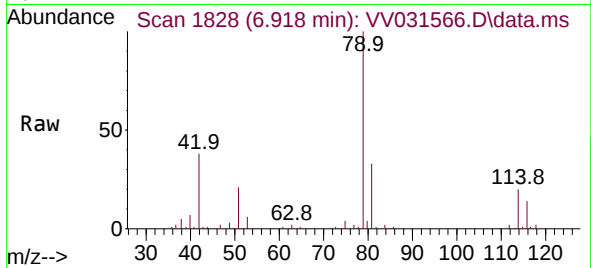
EXYZ2DL

Tgt Ion: 75 Resp: 2626

Ion Ratio Lower Upper

75 100

77 59.0 21.8 40.6#



#53

m,p-Xylene

Concen: 0.672 ug/L

RT: 9.085 min Scan# 2502

Delta R.T. 0.007 min

Lab File: VV031566.D

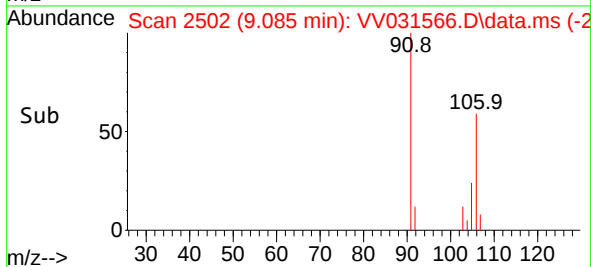
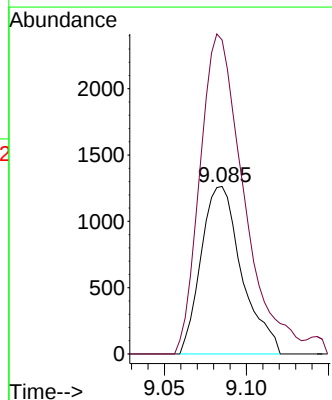
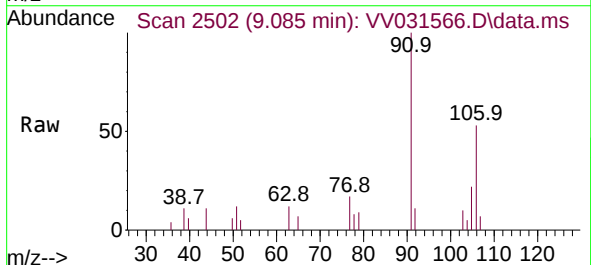
Acq: 16 Jun 2023 11:18

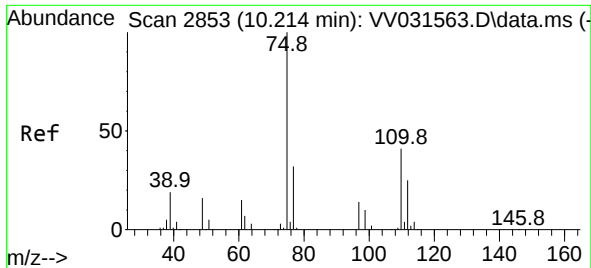
Tgt Ion: 106 Resp: 2176

Ion Ratio Lower Upper

106 100

91 187.4 149.0 276.6

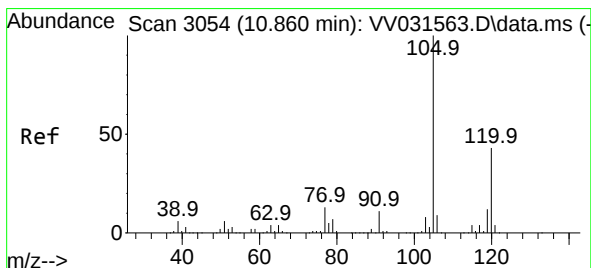
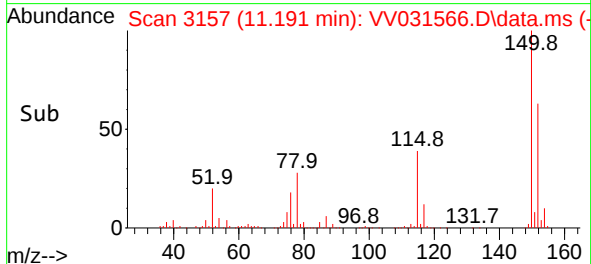
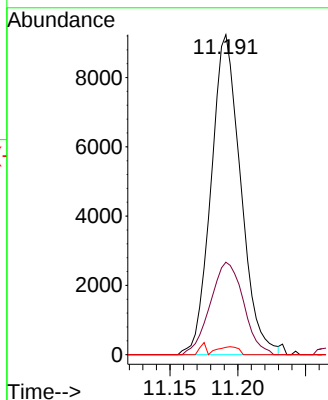
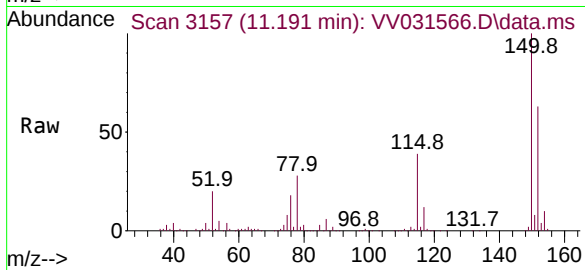




#61
1,2,3-Trichloropropane
Concen: 6.294 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.978 min
Lab File: VV031566.D
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MSVOA_V
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Tgt Ion: 75 Resp: 14020
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 1.8 31.3 46.9#



#63
1,2,4-Trimethylbenzene
Concen: 1.227 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VV031566.D
Acq: 16 Jun 2023 11:18

Tgt Ion: 105 Resp: 6795
Ion Ratio Lower Upper
105 100
120 43.3 33.4 50.2

