

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029363.D
 Acq On : 25 Nov 2022 18:40
 Operator : SY/MD
 Sample : N5759-01DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB76DL

Quant Time: Nov 25 21:33:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

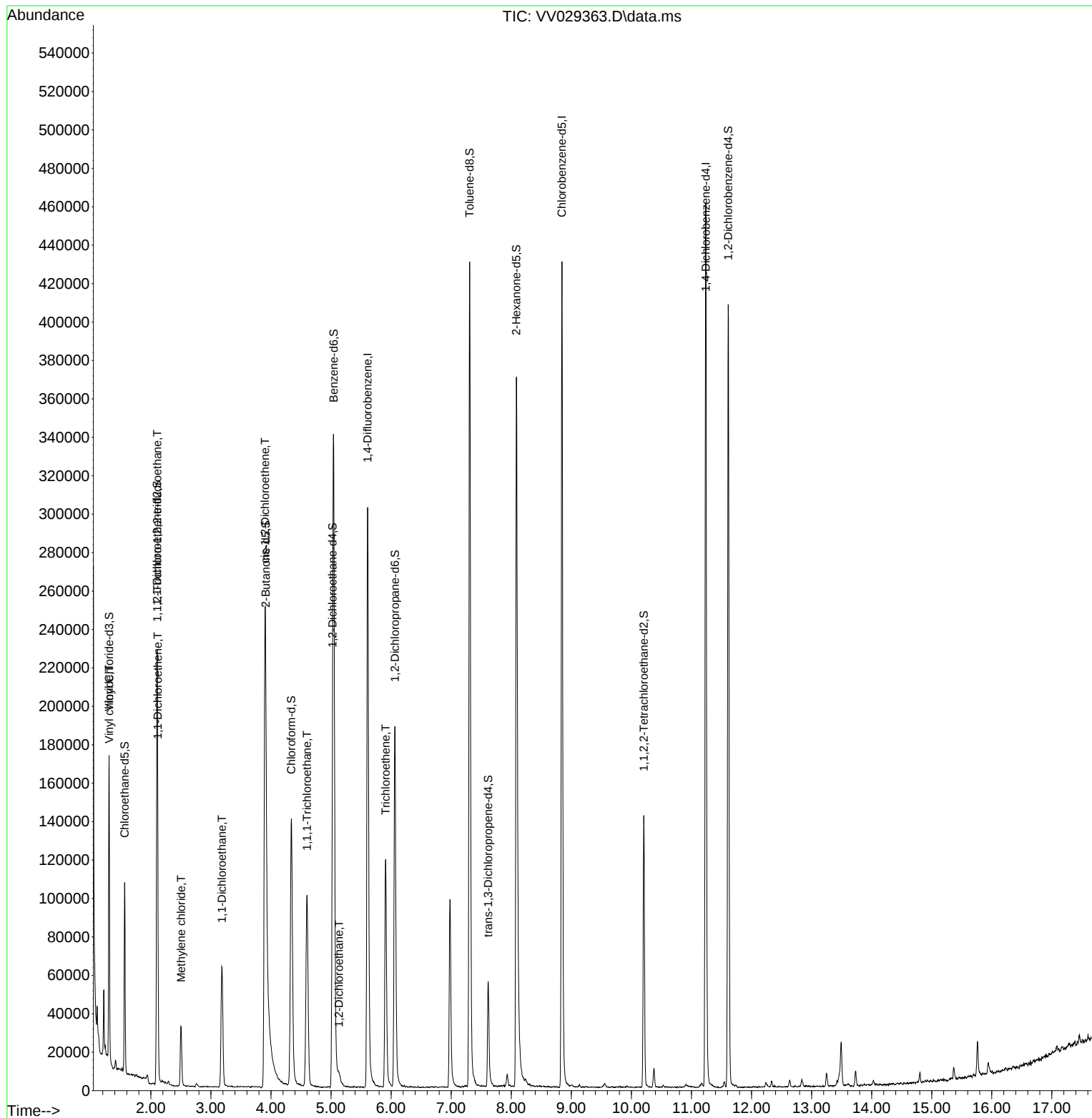
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	283894	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	253447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	125992	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	81501	4.665	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.200%	
7) Chloroethane-d5	1.564	69	64211	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.104	63	107991	3.863	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.200%	
20) 2-Butanone-d5	3.911	46	163089	55.802	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.600%	
24) Chloroform-d	4.339	84	153427	4.920	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
26) 1,2-Dichloroethane-d4	5.024	65	73732	5.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.043	84	338365	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
36) 1,2-Dichloropropane-d6	6.063	67	101152	5.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.307	98	306171	4.631	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.616	79	36767	4.845	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.000%	
46) 2-Hexanone-d5	8.085	63	151443	55.986	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.980%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	69559	5.727	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.600%	
66) 1,2-Dichlorobenzene-d4	11.612	152	112038	5.090	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	20707	1.071	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2171	0.144	ug/L #	73
12) 1,1-Dichloroethene	2.114	96	17287	1.184	ug/L #	4
16) Methylene chloride	2.503	84	14367	0.644	ug/L	95
19) 1,1-Dichloroethane	3.182	63	66455	2.204	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	118366	6.177	ug/L	100
27) 1,2-Dichloroethane	5.130	62	3774	0.221	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	84170	2.887	ug/L	100
34) Trichloroethene	5.908	95	43356	2.242	ug/L	98

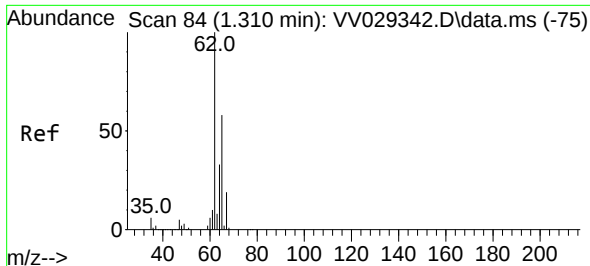
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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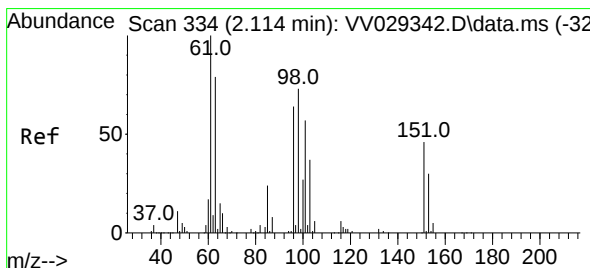
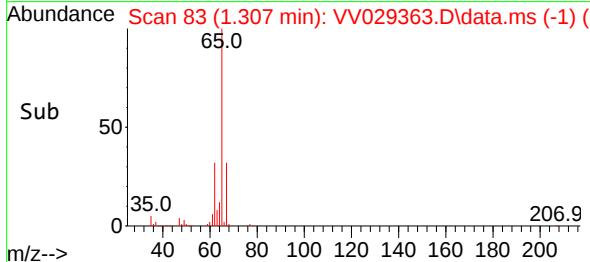
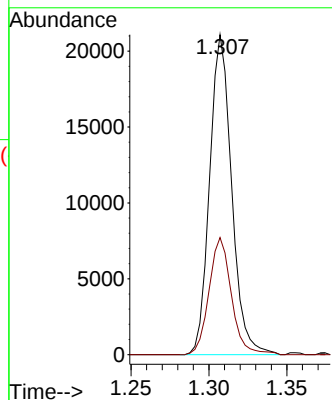
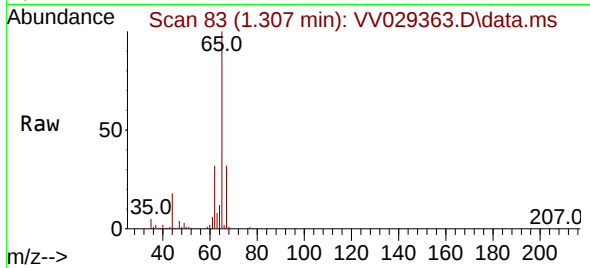




#5
 Vinyl chloride
 Concen: 1.071 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV029363.D
 Acq: 25 Nov 2022 18:40

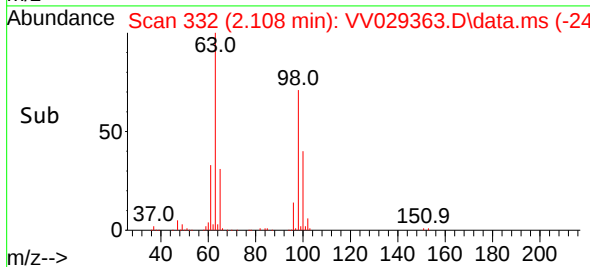
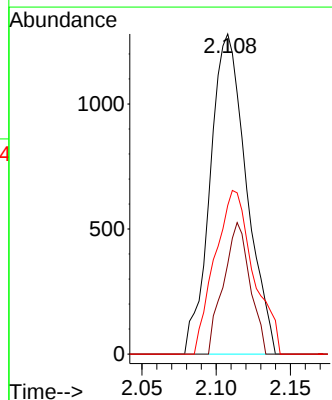
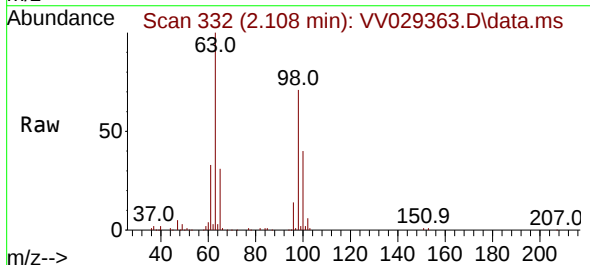
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB76DL

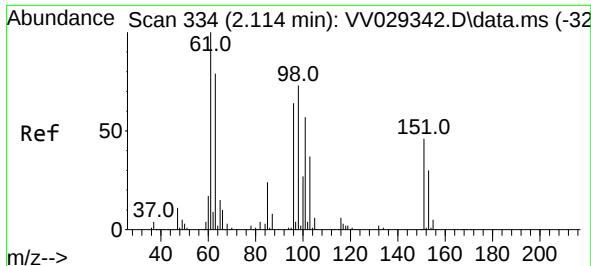
Tgt Ion: 62 Resp: 20707
 Ion Ratio Lower Upper
 62 100
 64 36.6 23.4 43.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.144 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.007 min
 Lab File: VV029363.D
 Acq: 25 Nov 2022 18:40

Tgt Ion: 101 Resp: 2171
 Ion Ratio Lower Upper
 101 100
 85 29.8 33.6 50.4#
 151 54.5 65.3 97.9#





#12

1,1-Dichloroethene

Concen: 1.184 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

BHB76DL

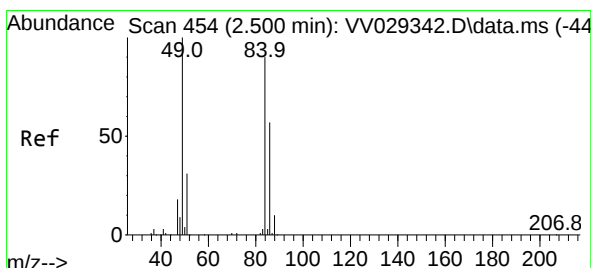
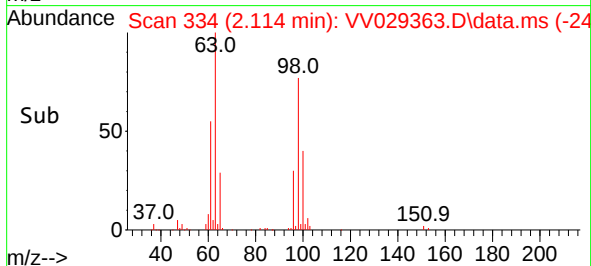
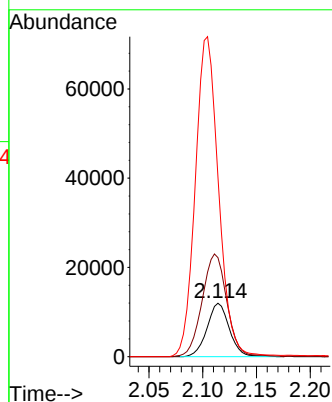
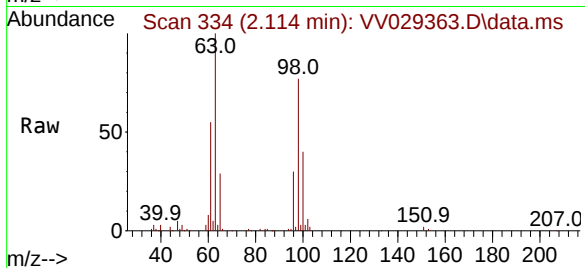
Tgt Ion: 96 Resp: 17287

Ion Ratio Lower Upper

96 100

61 185.3 110.3 204.9

63 335.5 84.4 156.8#



#16

Methylene chloride

Concen: 0.644 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

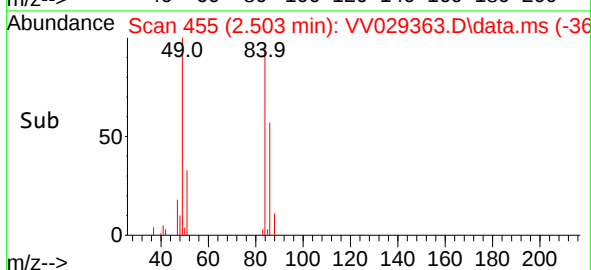
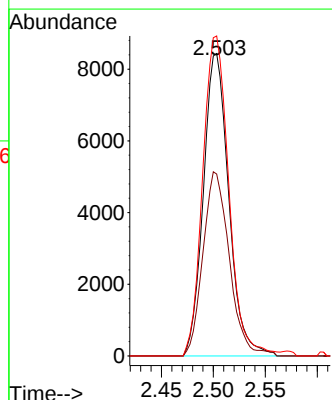
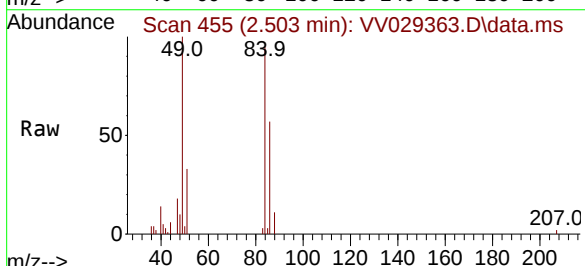
Tgt Ion: 84 Resp: 14367

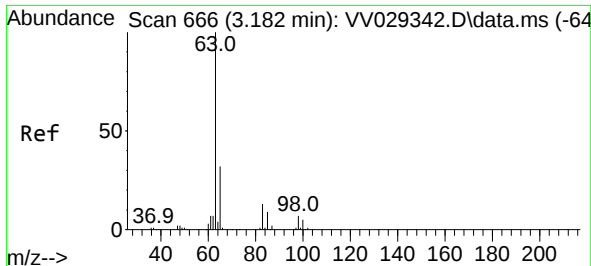
Ion Ratio Lower Upper

84 100

86 60.2 45.6 84.6

49 105.8 77.8 144.4





#19

1,1-Dichloroethane

Concen: 2.204 ug/L

RT: 3.182 min Scan# 666

Delta R.T. -0.000 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

BHB76DL

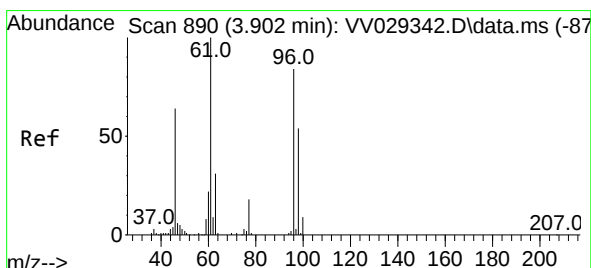
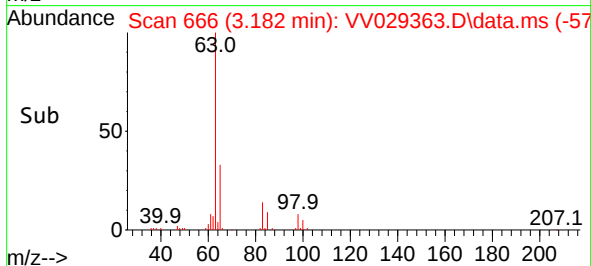
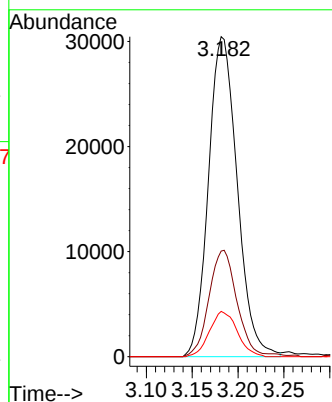
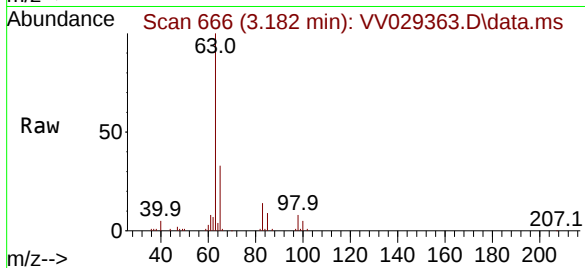
Tgt Ion: 63 Resp: 66455

Ion Ratio Lower Upper

63 100

65 33.0 21.6 40.2

83 14.1 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 6.177 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

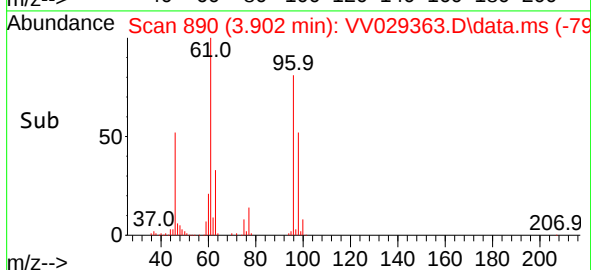
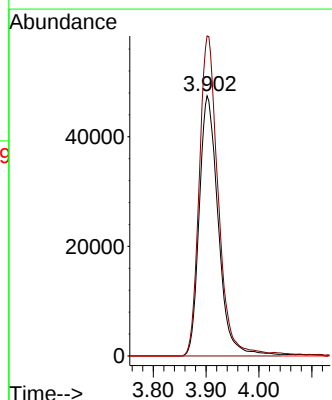
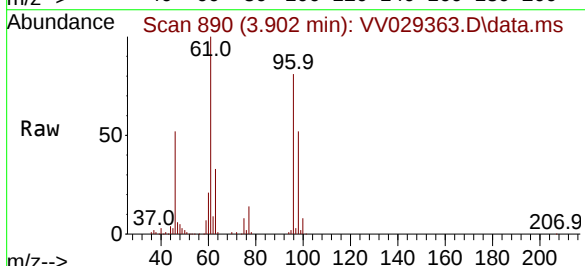
Tgt Ion: 96 Resp: 118366

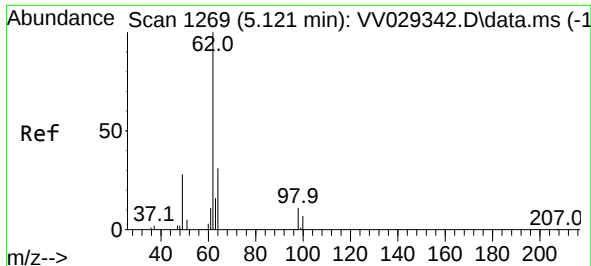
Ion Ratio Lower Upper

96 100

61 123.0 85.8 159.3

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.221 ug/L

RT: 5.130 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

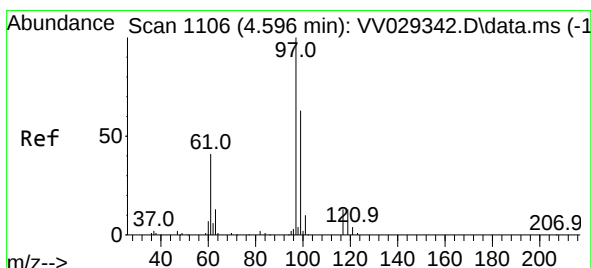
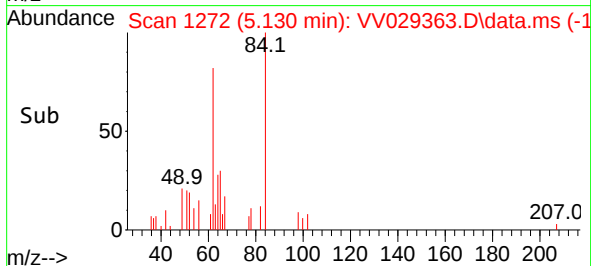
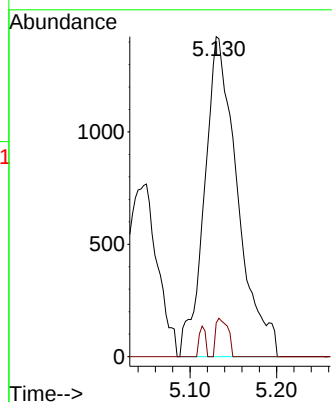
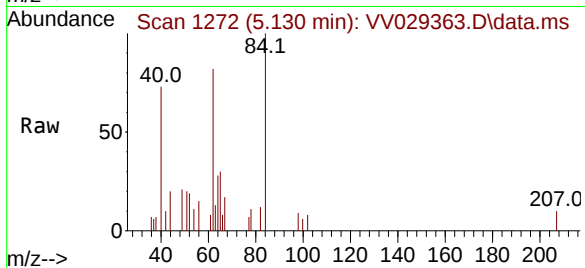
BHB76DL

Tgt Ion: 62 Resp: 3774

Ion Ratio Lower Upper

62 100

98 10.5 8.4 12.6



#29

1,1,1-Trichloroethane

Concen: 2.887 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029363.D

Acq: 25 Nov 2022 18:40

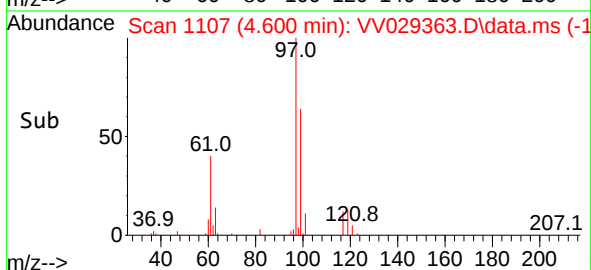
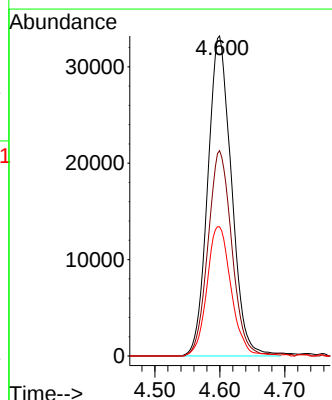
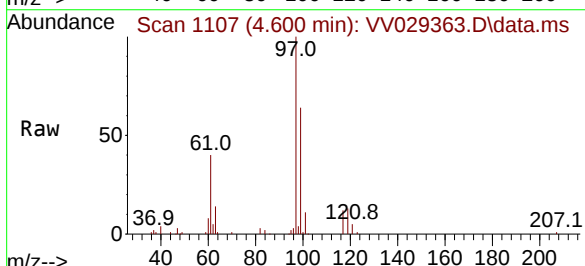
Tgt Ion: 97 Resp: 84170

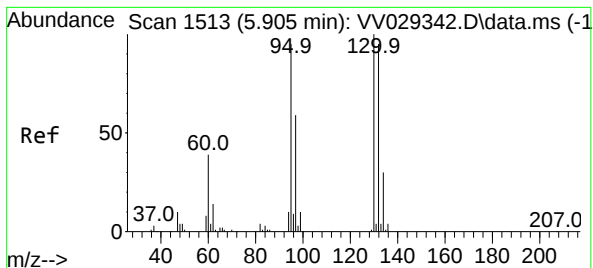
Ion Ratio Lower Upper

97 100

99 64.2 51.2 76.8

61 41.2 33.3 49.9





#34

Trichloroethene

Concen: 2.242 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029363.D

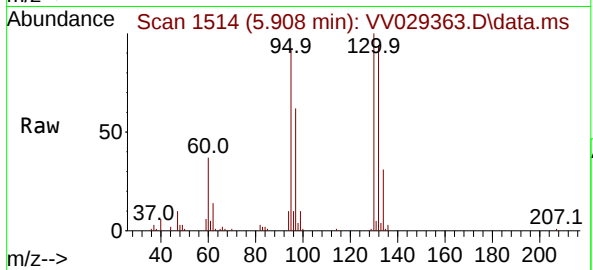
Acq: 25 Nov 2022 18:40

Instrument :

MSVOA_V

ClientSampleId :

BHB76DL



Tgt Ion: 95 Resp: 43356

Ion Ratio Lower Upper

95 100

97 67.8 45.4 84.4

132 102.5 73.3 136.1

130 108.6 75.6 140.4

