

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029985.D
 Acq On : 30 Jan 2023 12:41
 Operator : SY/MD
 Sample : 01314-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

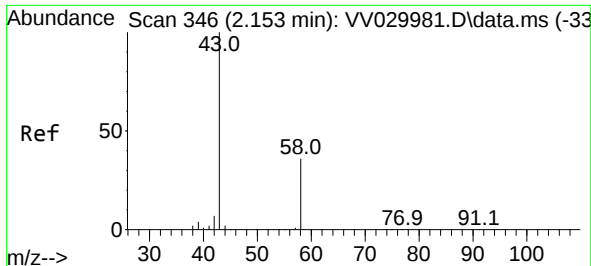
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:17:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	394534	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	377230	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	206603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	167521	60.936	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 121.880%		
7) Chloroethane-d5	1.561	69	150352	65.014	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 130.020%#		
11) 1,1-Dichloroethene-d2	2.101	63	227530	46.574	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 93.140%		
21) 2-Butanone-d5	3.863	46	224263	139.995	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 140.000%#		
24) Chloroform-d	4.336	84	295108	57.736	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.480%		
26) 1,2-Dichloroethane-d4	5.021	65	177599	62.064	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 124.120%		
32) Benzene-d6	5.040	84	633701	62.790	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 125.580%#		
36) 1,2-Dichloropropane-d6	6.059	67	209224	67.348	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 134.700%#		
41) Toluene-d8	7.307	98	549597	59.423	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 118.840%		
43) trans-1,3-Dichloroprop...	7.609	79	90279	65.425	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 130.840%#		
47) 2-Hexanone-d5	8.079	63	185669	138.998	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 139.000%#		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	288665	60.045	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 120.080%#		
66) 1,2-Dichlorobenzene-d4	11.612	152	224844	61.078	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 122.160%#		
Target Compounds						Qvalue
13) Acetone	2.156	43	7900	4.084	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	22899	7.364	ug/L	91
34) Trichloroethene	5.905	95	83194	29.146	ug/L	96
35) Methylcyclohexane	6.059	83	46263	10.033	ug/L #	22
44) trans-1,3-Dichloropropene	7.612	75	3346	0.859	ug/L #	71
51) Chlorobenzene	8.870	112	473176	56.879	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	33170	5.327	ug/L	96
65) 1,4-Dichlorobenzene	11.259	146	126581	19.623	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	499529	79.693	ug/L	100
69) 1,3,5-Trichlorobenzene	13.246	180	8646	1.784	ug/L	98
70) 1,2,4-trichlorobenzene	13.246	180	8646	2.021	ug/L	99

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



#13

Acetone

Concen: 4.084 ug/L

RT: 2.156 min Scan# 34

Delta R.T. 0.003 min

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MSVOA_V

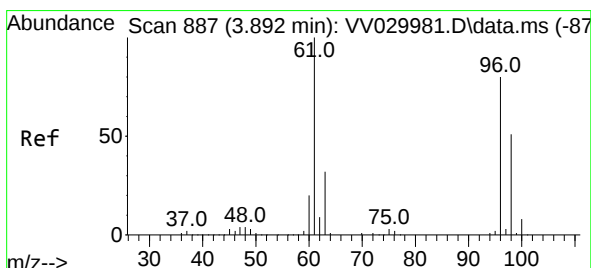
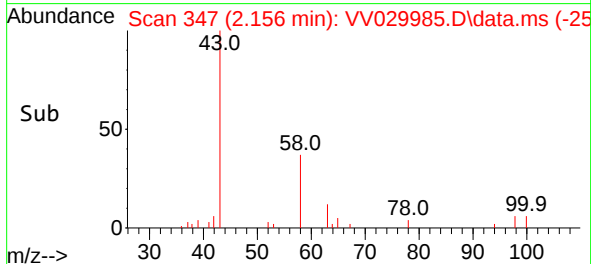
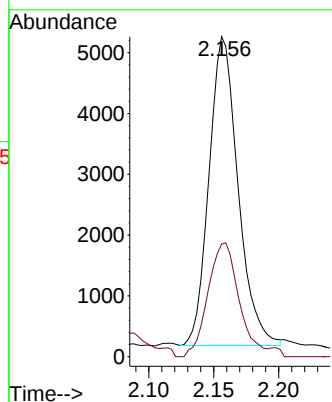
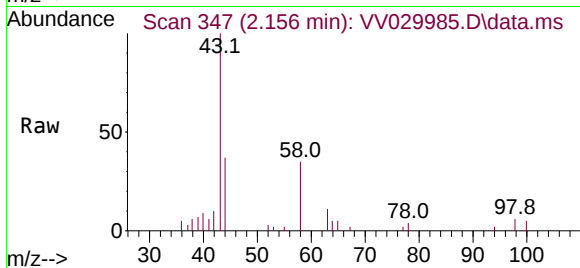
ClientSampleId :

Tgt Ion: 43 Resp: 7900

Ion Ratio Lower Upper

43 100

58 39.2 0.0 76.0



#20

cis-1,2-Dichloroethene

Concen: 7.364 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.010 min

Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

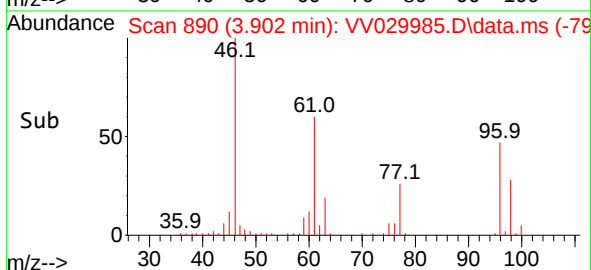
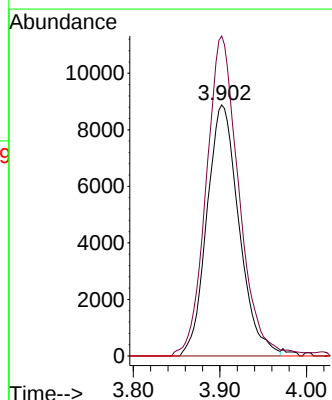
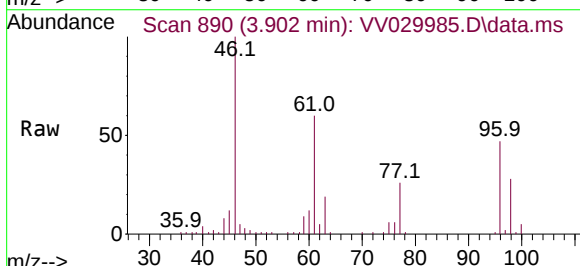
Tgt Ion: 96 Resp: 22899

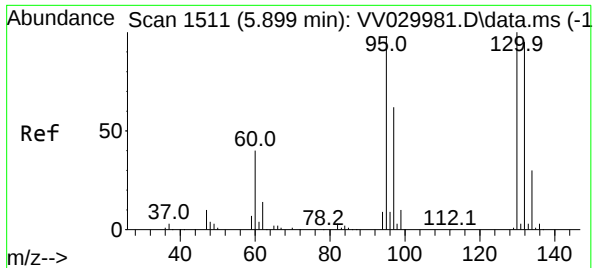
Ion Ratio Lower Upper

96 100

61 127.5 82.5 153.3

68 0.0 0.0 0.0

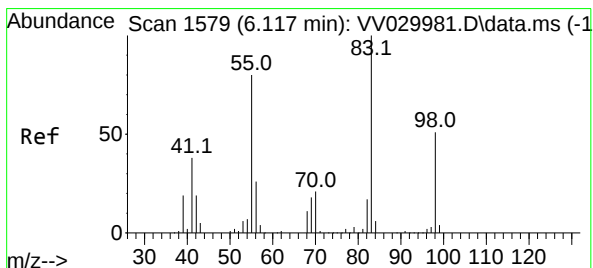
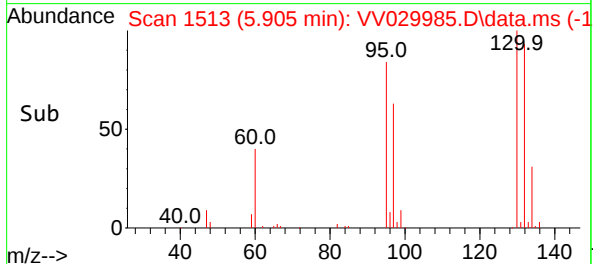
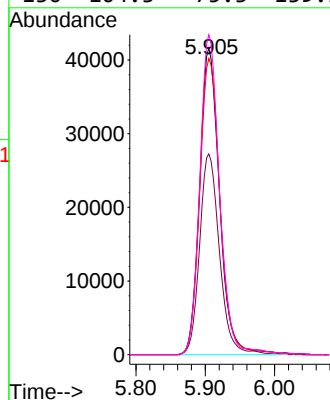
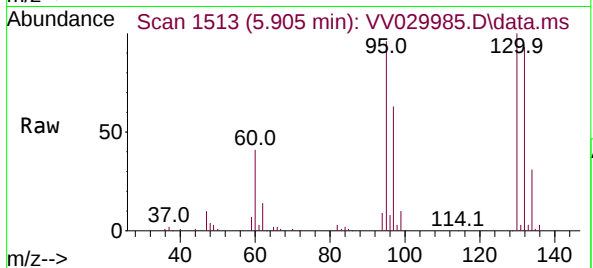




#34
Trichloroethene
Concen: 29.146 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VV029985.D
Acq: 30 Jan 2023 12:41

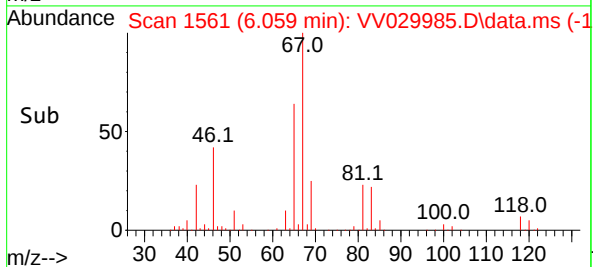
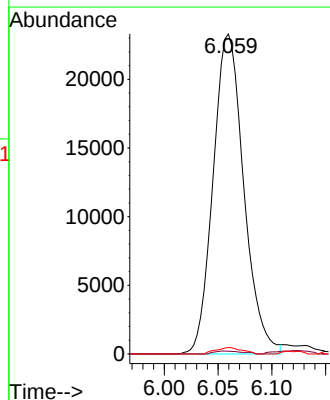
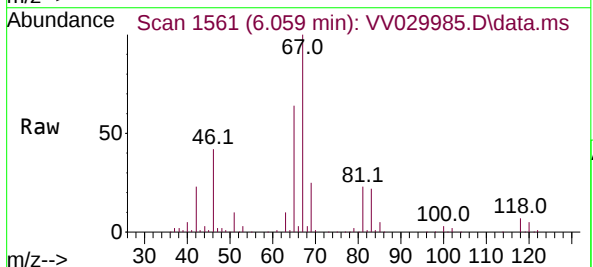
Instrument :
MSVOA_V
ClientSampleId :

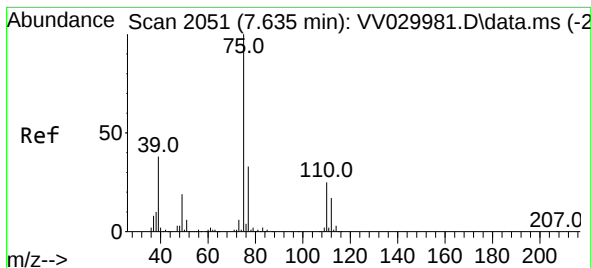
Tgt Ion:	95	Resp:	83194
Ion	Ratio	Lower	Upper
95	100		
97	65.5	46.5	86.5
132	96.5	71.8	133.4
130	104.3	75.3	139.9



#35
Methylcyclohexane
Concen: 10.033 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.058 min
Lab File: VV029985.D
Acq: 30 Jan 2023 12:41

Tgt Ion:	83	Resp:	46263
Ion	Ratio	Lower	Upper
83	100		
55	0.7	56.2	84.2#
98	1.7	38.5	57.7#





#44

trans-1,3-Dichloropropene

Concen: 0.859 ug/L

RT: 7.612 min Scan# 2051

Delta R.T. -0.023 min

Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

Instrument :

MSVOA_V

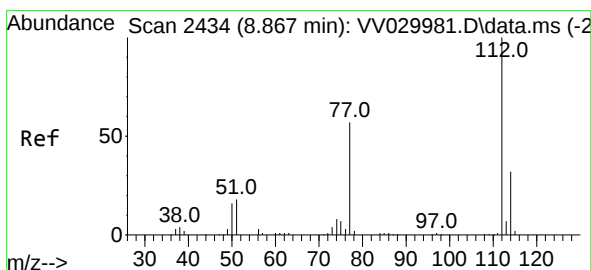
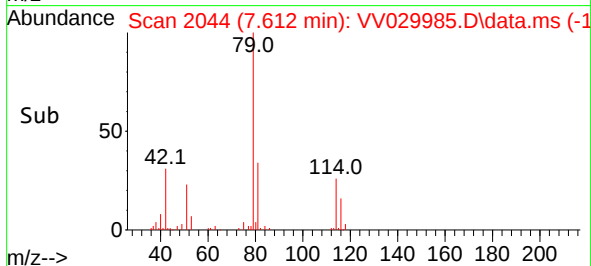
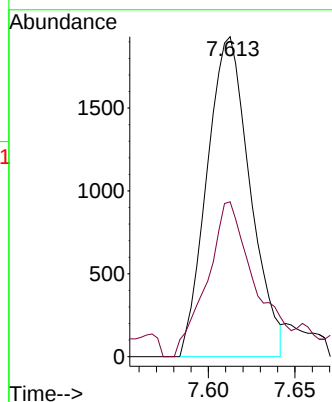
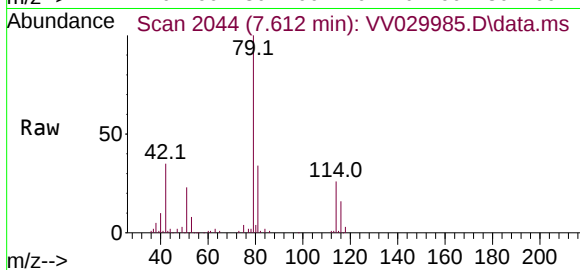
ClientSampleId :

Tgt Ion: 75 Resp: 3346

Ion Ratio Lower Upper

75 100

77 48.4 22.4 41.6#



#51

Chlorobenzene

Concen: 56.879 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. 0.003 min

Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

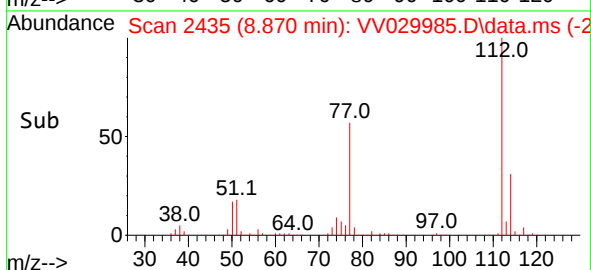
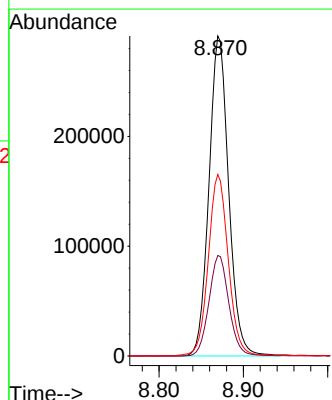
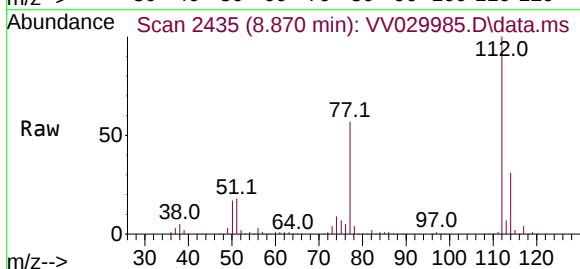
Tgt Ion: 112 Resp: 473176

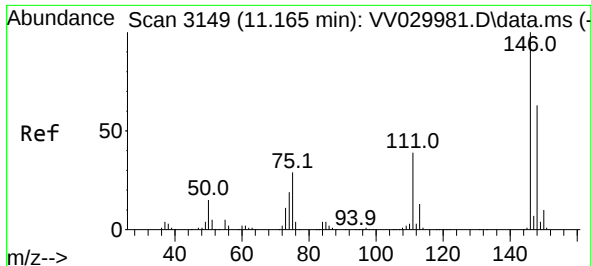
Ion Ratio Lower Upper

112 100

114 31.4 22.6 42.0

77 56.7 44.6 66.8

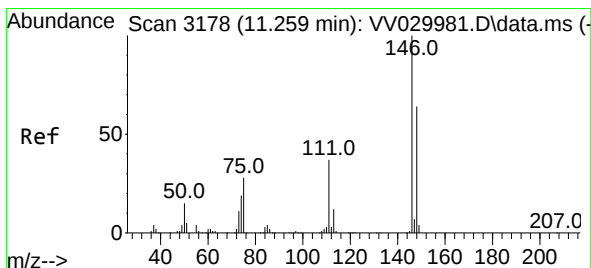
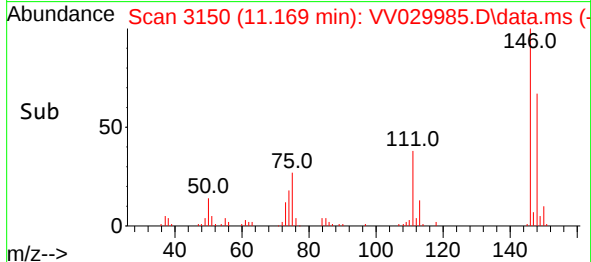
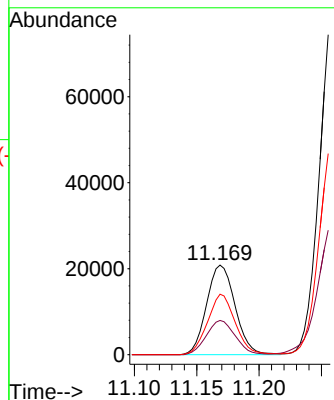
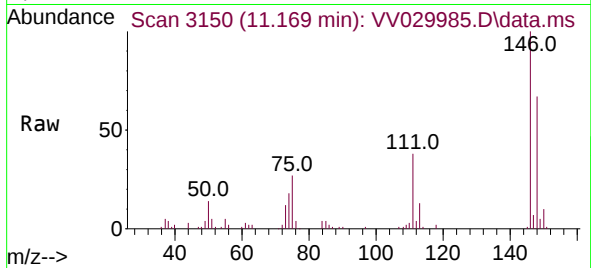




#64
1,3-Dichlorobenzene
Concen: 5.327 ug/L
RT: 11.169 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VV029985.D
Acq: 30 Jan 2023 12:41

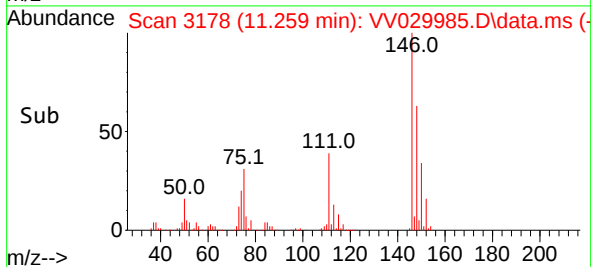
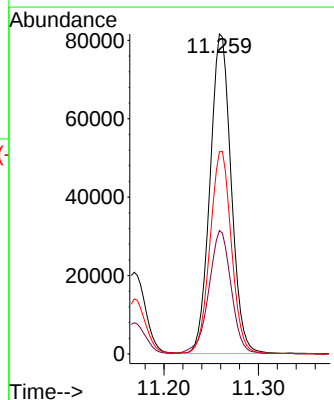
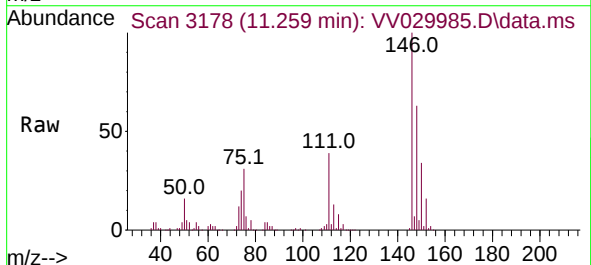
Instrument :
MSVOA_V
ClientSampleId :

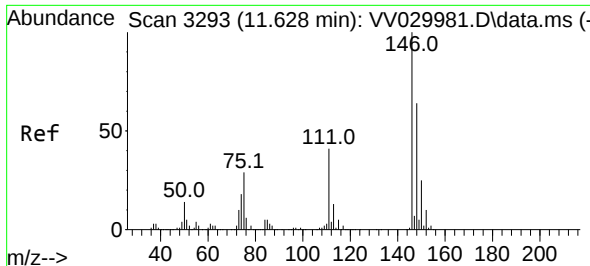
Tgt Ion:146 Resp: 33170
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 67.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 19.623 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029985.D
Acq: 30 Jan 2023 12:41

Tgt Ion:146 Resp: 126581
Ion Ratio Lower Upper
146 100
111 38.6 26.2 48.8
148 63.2 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 79.693 ug/L

RT: 11.628 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

Instrument :

MSVOA_V

ClientSampleId :

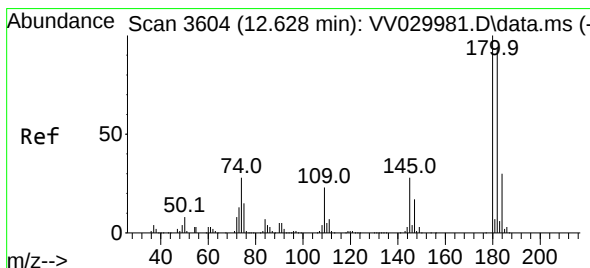
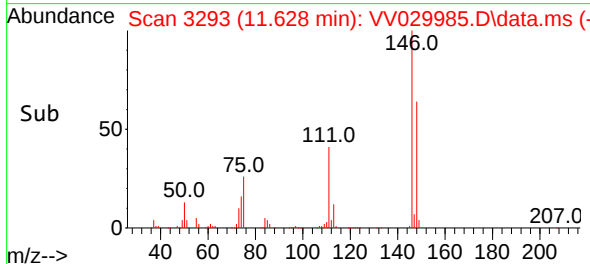
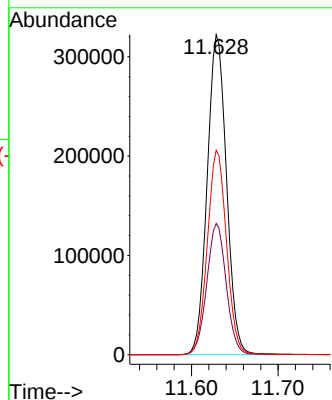
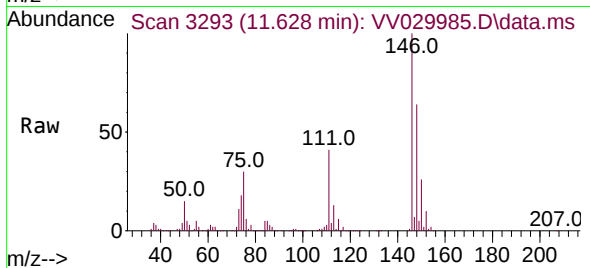
Tgt Ion:146 Resp: 499529

Ion Ratio Lower Upper

146 100

111 41.0 32.7 49.1

148 63.9 51.0 76.4



#69

1,3,5-Trichlorobenzene

Concen: 1.784 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. 0.617 min

Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

Tgt Ion:180 Resp: 8646

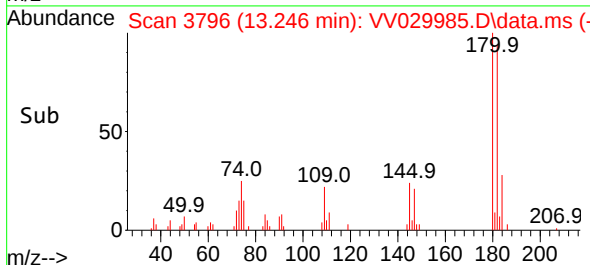
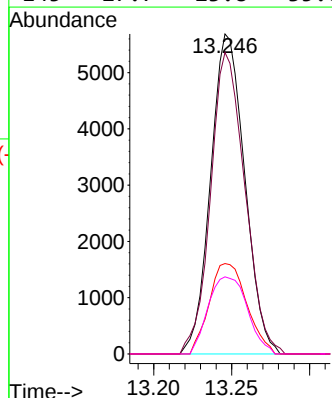
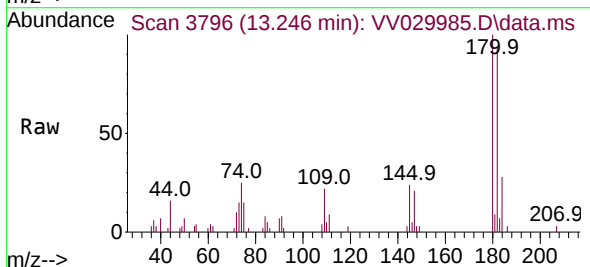
Ion Ratio Lower Upper

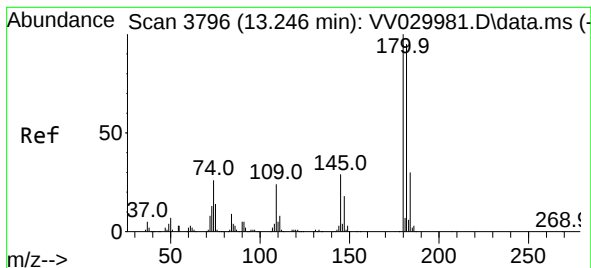
180 100

182 94.6 76.2 114.4

184 31.1 23.9 35.9

145 27.7 23.8 35.6





#70

1,2,4-trichlorobenzene

Concen: 2.021 ug/L

RT: 13.246 min Scan# 31

Delta R.T. -0.000 min

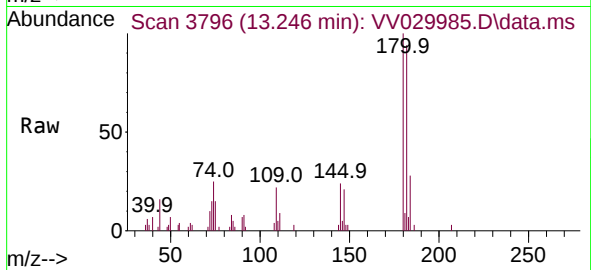
Lab File: VV029985.D

Acq: 30 Jan 2023 12:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8646

Ion Ratio Lower Upper

180 100

182 94.6 76.0 114.0

145 27.7 24.0 36.0

