

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029987.D
 Acq On : 30 Jan 2023 13:27
 Operator : SY/MD
 Sample : 01314-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:18:31 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

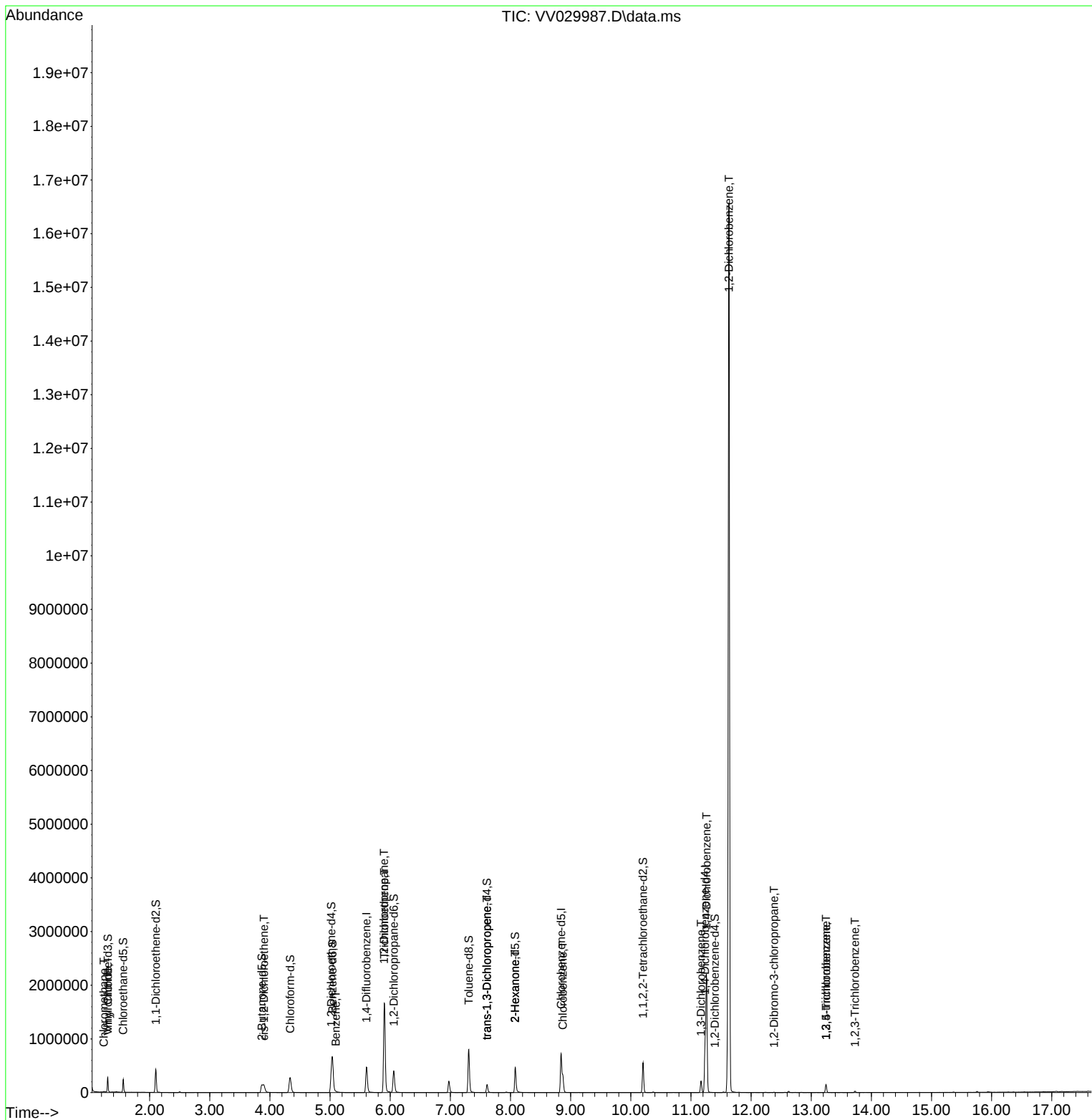
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

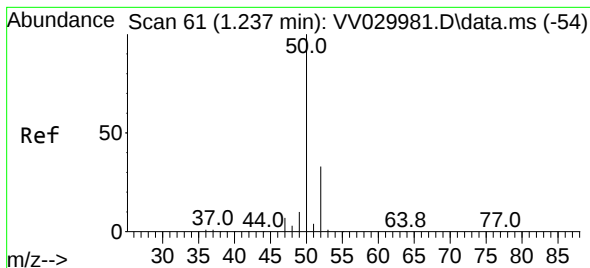
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	417488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	404960	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	224919	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162424	55.834	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.660%
7) Chloroethane-d5	1.561	69	151539	61.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	123.840%
11) 1,1-Dichloroethene-d2	2.101	63	228571	44.215	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.420%
21) 2-Butanone-d5	3.863	46	213978	126.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.230%
24) Chloroform-d	4.336	84	292353	54.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.100%
26) 1,2-Dichloroethane-d4	5.018	65	174669	57.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.360%
32) Benzene-d6	5.040	84	636553	58.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.500%
36) 1,2-Dichloropropane-d6	6.059	67	210824	63.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	126.440%#
41) Toluene-d8	7.307	98	546880	55.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.160%
43) trans-1,3-Dichloroprop...	7.609	79	89322	60.299	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.600%
47) 2-Hexanone-d5	8.079	63	174640	121.789	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.790%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	283768	54.984	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.960%
66) 1,2-Dichlorobenzene-d4	11.397	152	41	0.010	ug/L	-0.21
Spiked Amount	50.000	Range	80 - 120	Recovery	=	0.020%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	5392	1.772	ug/L	99
5) Vinyl chloride	1.307	62	15068	4.303	ug/L	85
20) cis-1,2-Dichloroethene	3.902	96	66715	20.276	ug/L	94
33) Benzene	5.095	78	17055	1.401	ug/L	100
34) Trichloroethene	5.902	95	591770	193.123	ug/L	95
37) 1,2-Dichloropropane	5.899	63	2354	0.744	ug/L	98
44) trans-1,3-Dichloropropene	7.609	75	3765	0.901	ug/L	84
48) 2-Hexanone	8.079	43	18032	6.284	ug/L #	61
51) Chlorobenzene	8.870	112	170102	19.047	ug/L	97
64) 1,3-Dichlorobenzene	11.169	146	88887	13.113	ug/L	97
65) 1,4-Dichlorobenzene	11.259	146	851542	121.257	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	6204678	909.264	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.381	75	1350	1.379	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.246	180	45622	8.645	ug/L	98
70) 1,2,4-trichlorobenzene	13.246	180	45622	9.795	ug/L	97
72) 1,2,3-Trichlorobenzene	13.728	180	8227	1.812	ug/L	96

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

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 31 02:18:31 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





#3

Chloromethane

Concen: 1.772 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029987.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_V

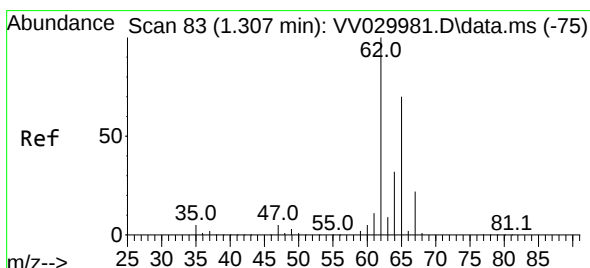
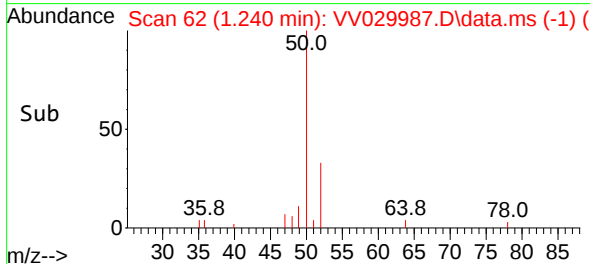
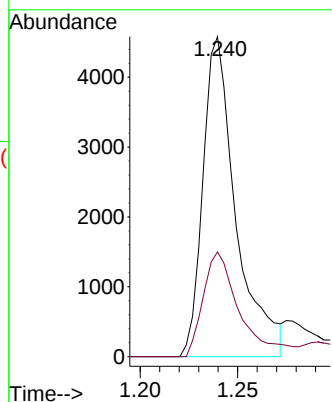
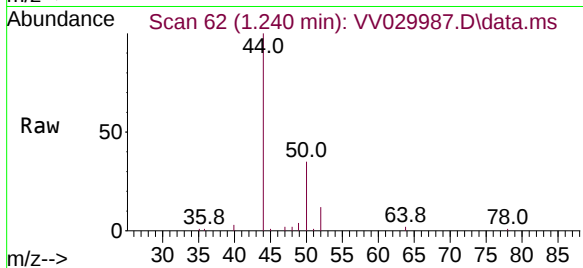
ClientSampleId :

Tgt Ion: 50 Resp: 5392

Ion Ratio Lower Upper

50 100

52 32.8 23.4 43.4



#5

Vinyl chloride

Concen: 4.303 ug/L

RT: 1.307 min Scan# 83

Delta R.T. -0.000 min

Lab File: VV029987.D

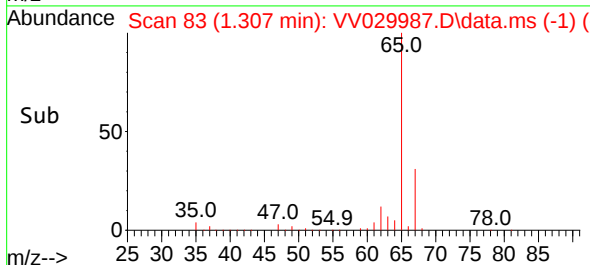
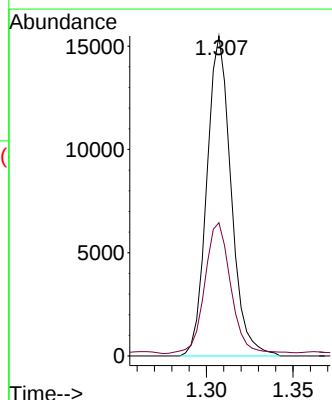
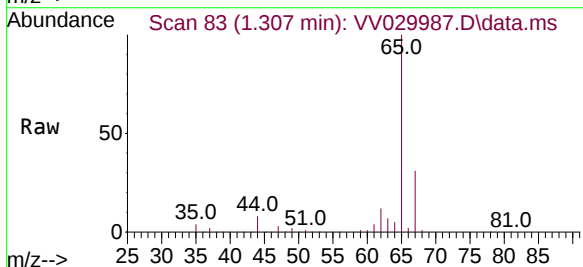
Acq: 30 Jan 2023 13:27

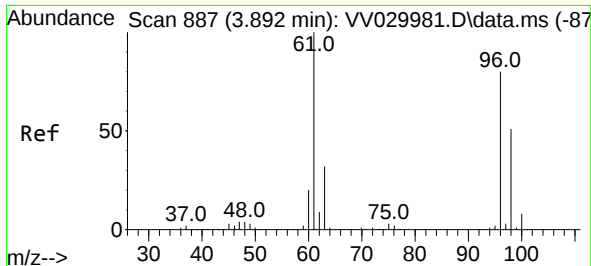
Tgt Ion: 62 Resp: 15068

Ion Ratio Lower Upper

62 100

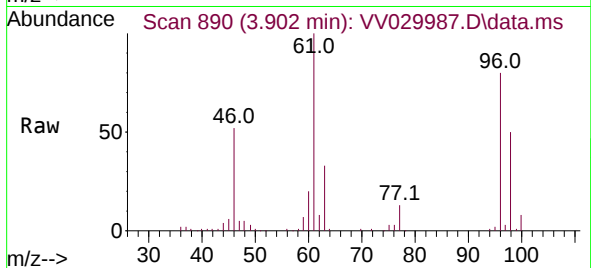
64 41.6 23.0 42.8



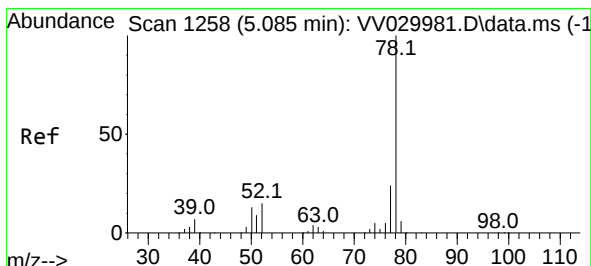
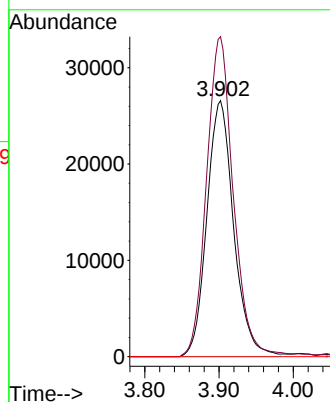
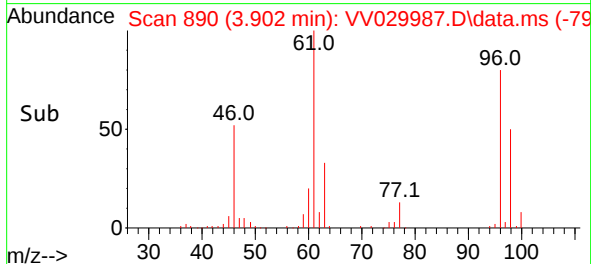


#20
 cis-1,2-Dichloroethene
 Concen: 20.276 ug/L
 RT: 3.902 min Scan# 89
 Delta R.T. 0.010 min
 Lab File: VV029987.D
 Acq: 30 Jan 2023 13:27

Instrument :
 MSVOA_V
 ClientSampleId :

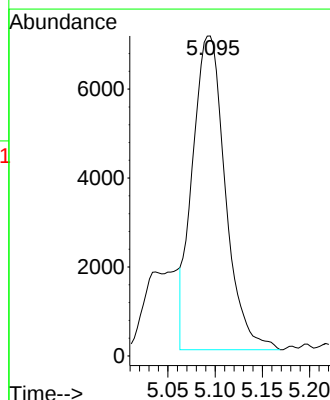
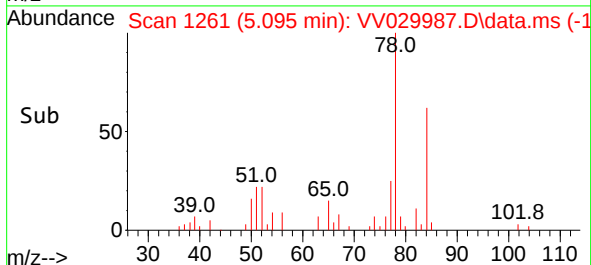
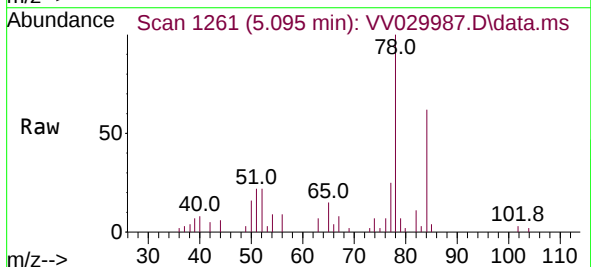


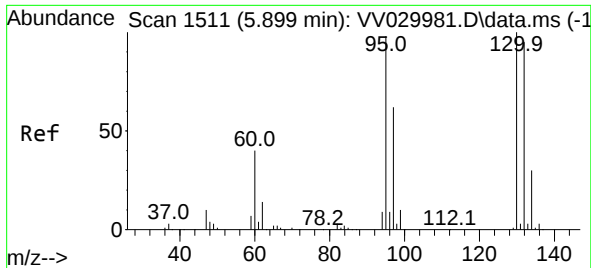
Tgt Ion: 96 Resp: 66715
 Ion Ratio Lower Upper
 96 100
 61 125.0 82.5 153.3
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 1.401 ug/L
 RT: 5.095 min Scan# 1261
 Delta R.T. 0.010 min
 Lab File: VV029987.D
 Acq: 30 Jan 2023 13:27

Tgt Ion: 78 Resp: 17055

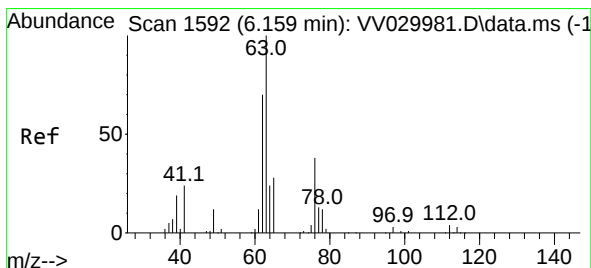
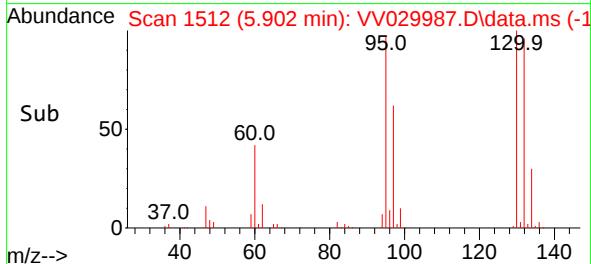
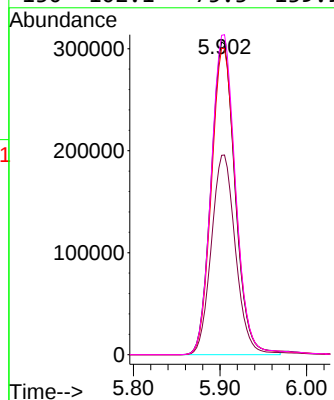
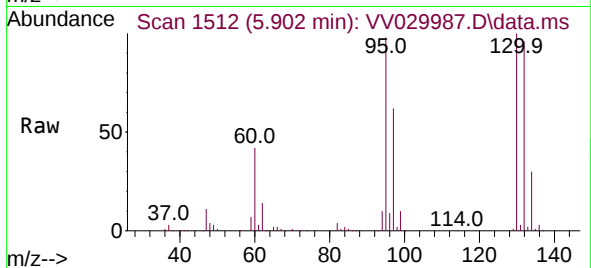




#34
Trichloroethene
Concen: 193.123 ug/L
RT: 5.902 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

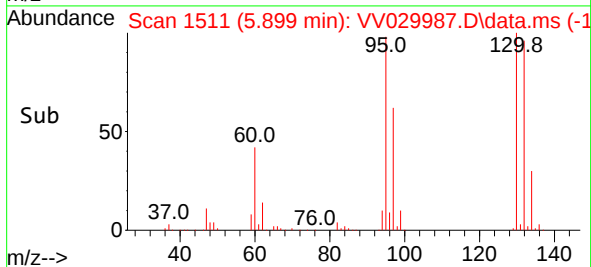
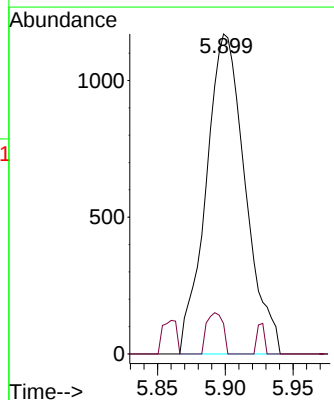
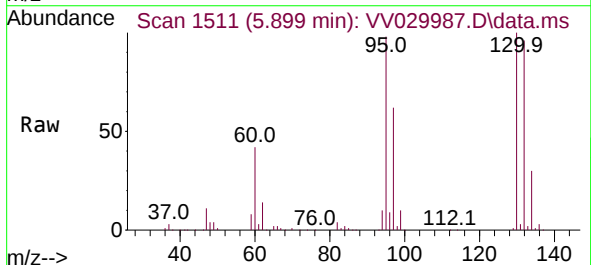
Instrument :
MSVOA_V
ClientSampleId :

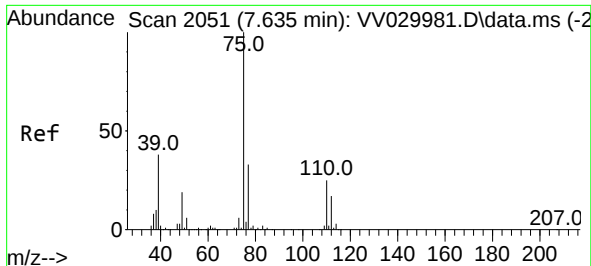
Tgt Ion: 95 Resp: 591770
Ion Ratio Lower Upper
95 100
97 63.7 46.5 86.5
132 98.0 71.8 133.4
130 102.1 75.3 139.9



#37
1,2-Dichloropropane
Concen: 0.744 ug/L
RT: 5.899 min Scan# 1511
Delta R.T. -0.261 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 63 Resp: 2354
Ion Ratio Lower Upper
63 100
112 5.4 3.8 5.6

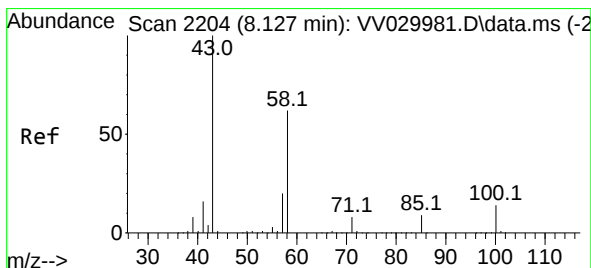
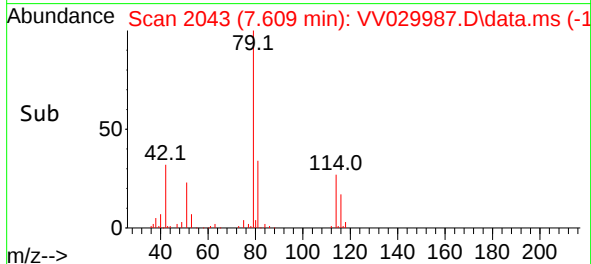
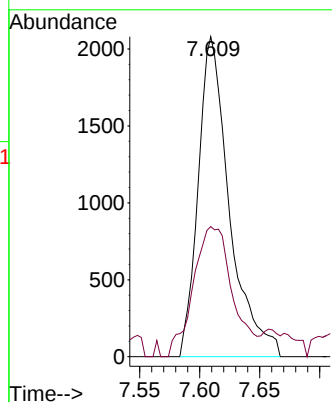
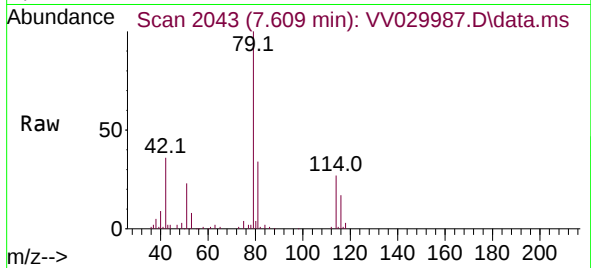




#44
trans-1,3-Dichloropropene
Concen: 0.901 ug/L
RT: 7.609 min Scan# 2043
Delta R.T. -0.026 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

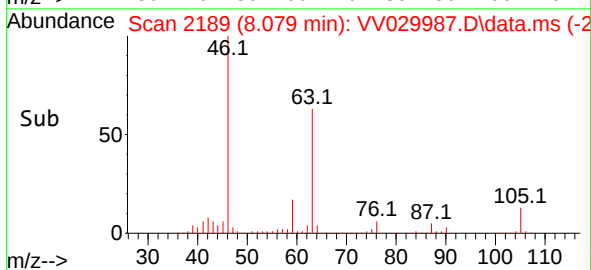
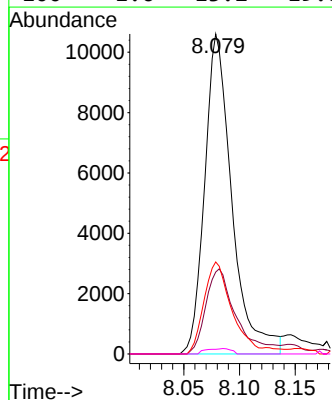
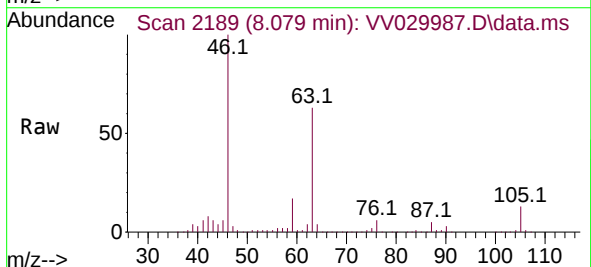
Instrument :
MSVOA_V
ClientSampleId :

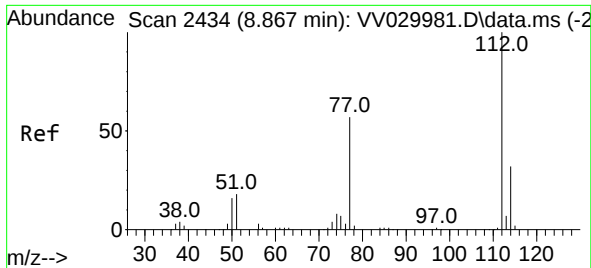
Tgt Ion: 75 Resp: 3765
Ion Ratio Lower Upper
75 100
77 40.7 22.4 41.6



#48
2-Hexanone
Concen: 6.284 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.048 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 43 Resp: 18032
Ion Ratio Lower Upper
43 100
58 28.8 53.2 79.8#
57 29.2 17.6 26.4#
100 1.6 13.2 19.8#

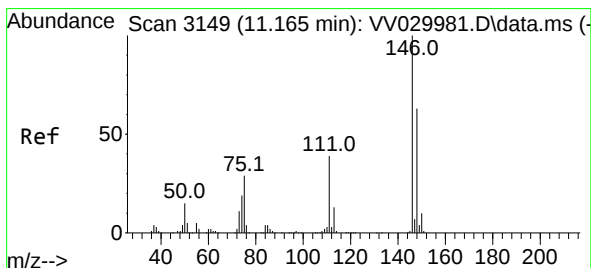
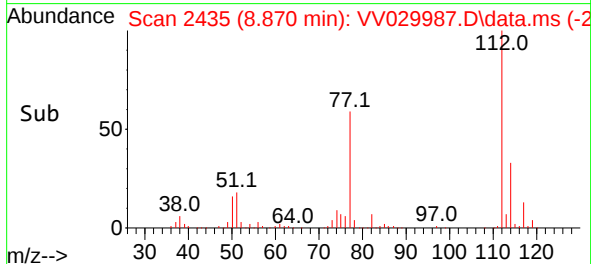
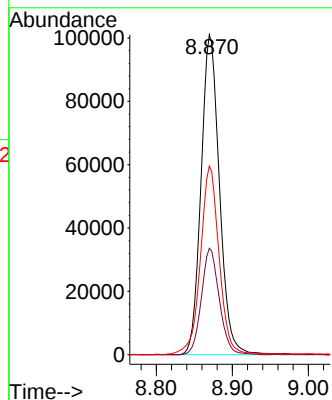
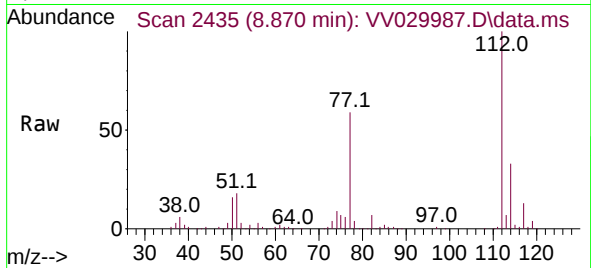




#51
Chlorobenzene
Concen: 19.047 ug/L
RT: 8.870 min Scan# 2434
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

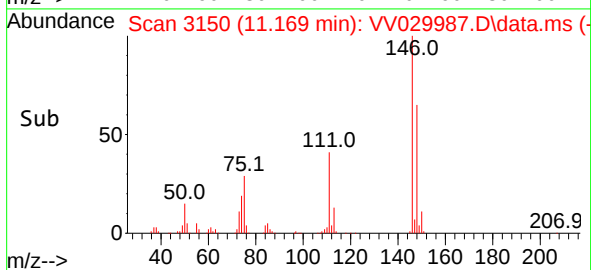
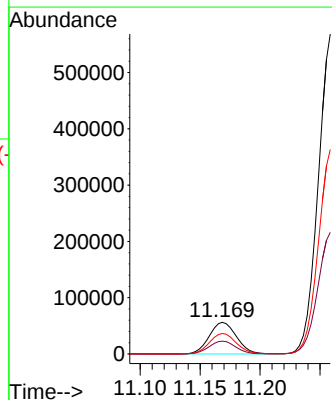
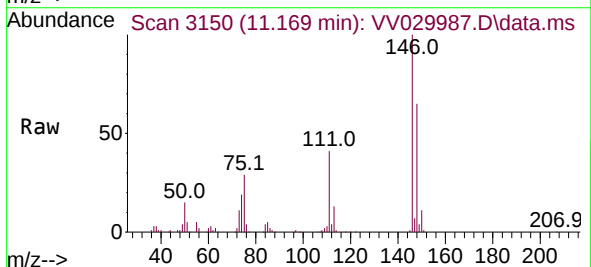
Instrument :
MSVOA_V
ClientSampleId :

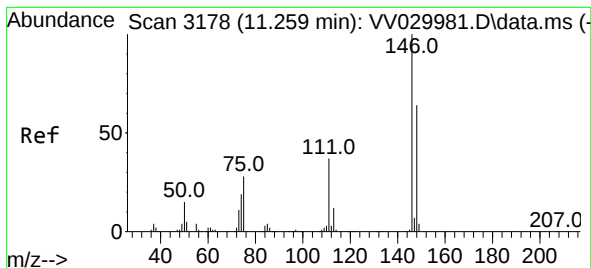
Tgt Ion:112 Resp: 170102
Ion Ratio Lower Upper
112 100
114 33.2 22.6 42.0
77 59.0 44.6 66.8



#64
1,3-Dichlorobenzene
Concen: 13.113 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. 0.003 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion:146 Resp: 88887
Ion Ratio Lower Upper
146 100
111 40.6 26.9 50.1
148 64.9 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 121.257 ug/L

RT: 11.259 min Scan# 3178

Delta R.T. -0.000 min

Lab File: VV029987.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_V

ClientSampleId :

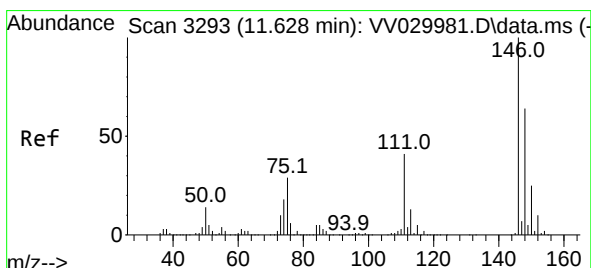
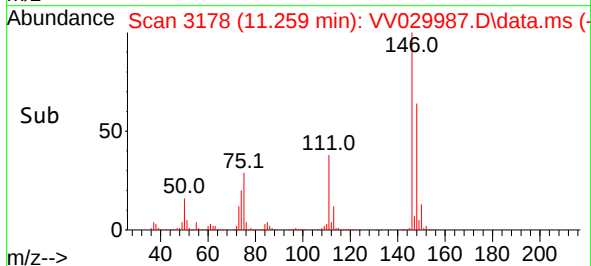
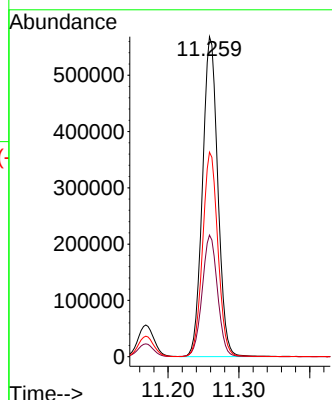
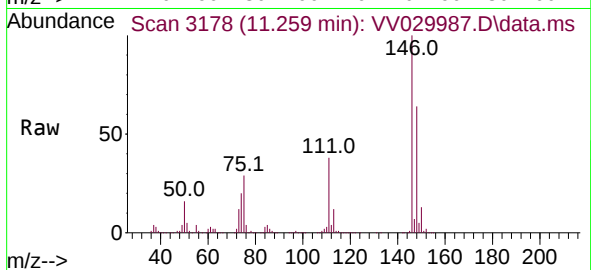
Tgt Ion:146 Resp: 851542

Ion Ratio Lower Upper

146 100

111 38.0 26.2 48.8

148 63.9 44.9 83.5



#67

1,2-Dichlorobenzene

Concen: 909.264 ug/L

RT: 11.632 min Scan# 3294

Delta R.T. 0.003 min

Lab File: VV029987.D

Acq: 30 Jan 2023 13:27

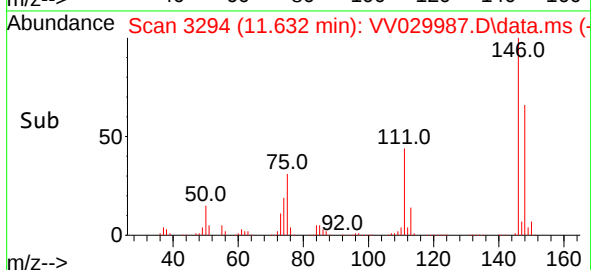
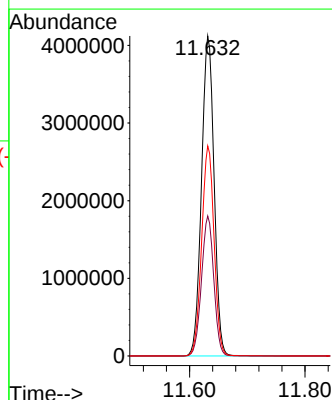
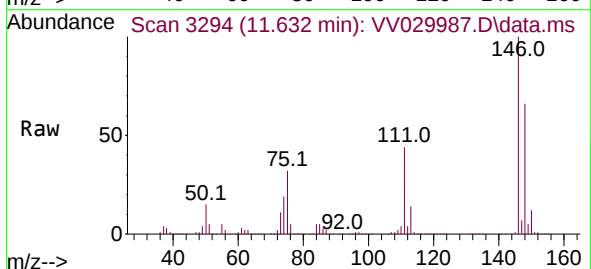
Tgt Ion:146 Resp: 6204678

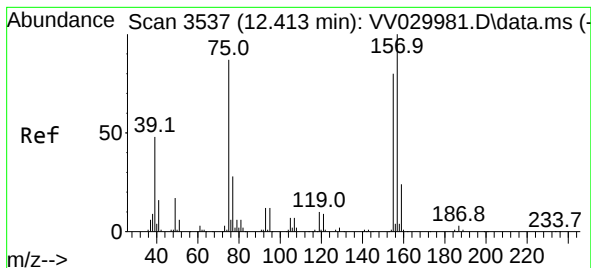
Ion Ratio Lower Upper

146 100

111 43.8 32.7 49.1

148 65.7 51.0 76.4

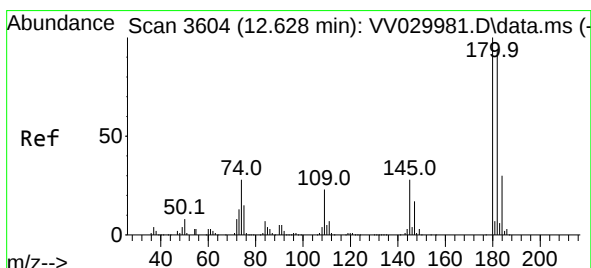
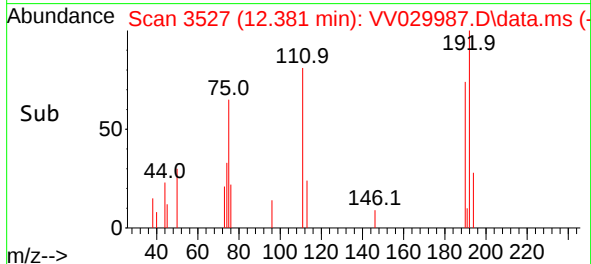
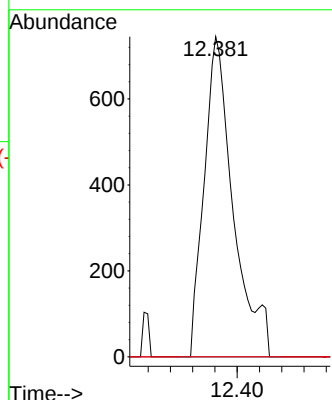
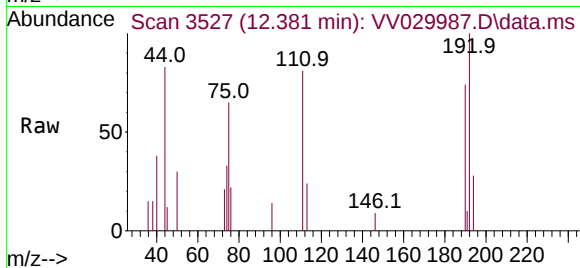




#68
1,2-Dibromo-3-chloropropane
Concen: 1.379 ug/L
RT: 12.381 min Scan# 31
Delta R.T. -0.032 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

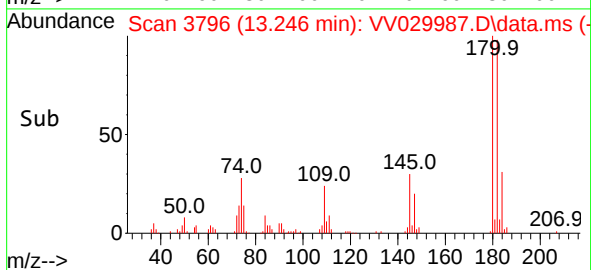
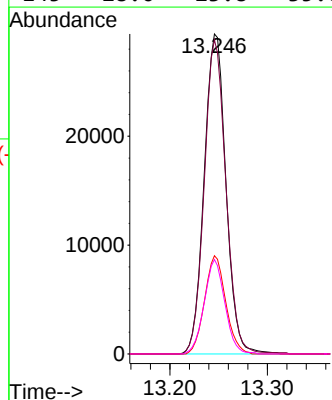
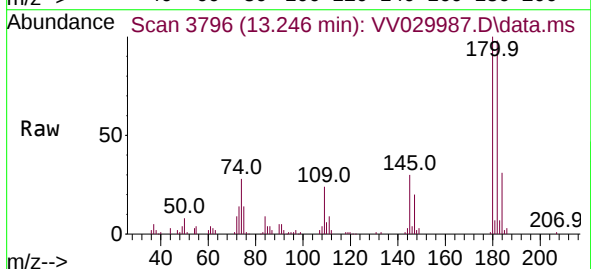
Instrument :
MSVOA_V
ClientSampleId :

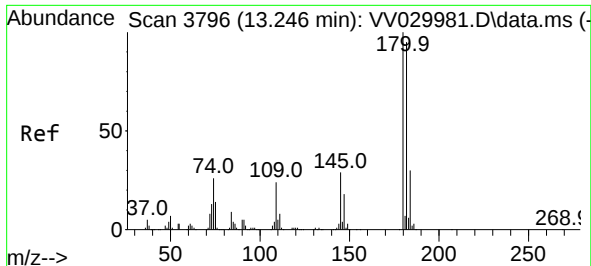
Tgt Ion: 75 Resp: 1350
Ion Ratio Lower Upper
75 100
155 0.0 72.3 108.5#
157 0.0 95.4 143.2#



#69
1,3,5-Trichlorobenzene
Concen: 8.645 ug/L
RT: 13.246 min Scan# 3796
Delta R.T. 0.617 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion:180 Resp: 45622
Ion Ratio Lower Upper
180 100
182 97.3 76.2 114.4
184 29.8 23.9 35.9
145 28.0 23.8 35.6

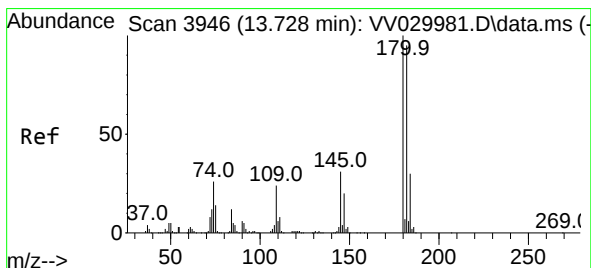
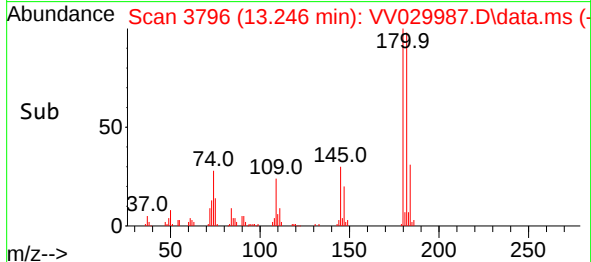
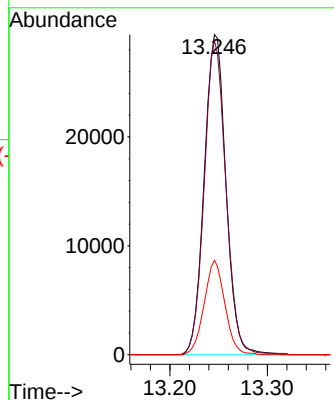
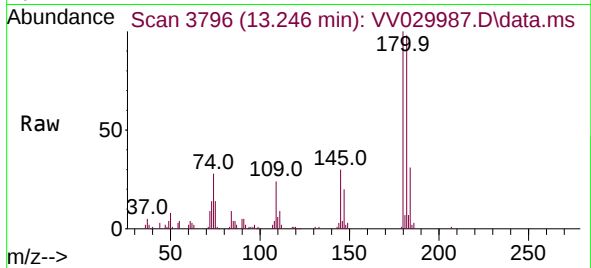




#70
1,2,4-trichlorobenzene
Concen: 9.795 ug/L
RT: 13.246 min Scan# 3796
Delta R.T. -0.000 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:180 Resp: 45622
Ion Ratio Lower Upper
180 100
182 97.3 76.0 114.0
145 28.0 24.0 36.0



#72
1,2,3-Trichlorobenzene
Concen: 1.812 ug/L
RT: 13.728 min Scan# 3946
Delta R.T. -0.000 min
Lab File: VV029987.D
Acq: 30 Jan 2023 13:27

Tgt Ion:180 Resp: 8227
Ion Ratio Lower Upper
180 100
182 91.8 76.3 114.5
145 28.9 25.7 38.5

