

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028342.D
 Acq On : 04 Oct 2022 22:08
 Operator : SY/MD
 Sample : N4872-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFW7

Quant Time: Oct 04 23:35:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

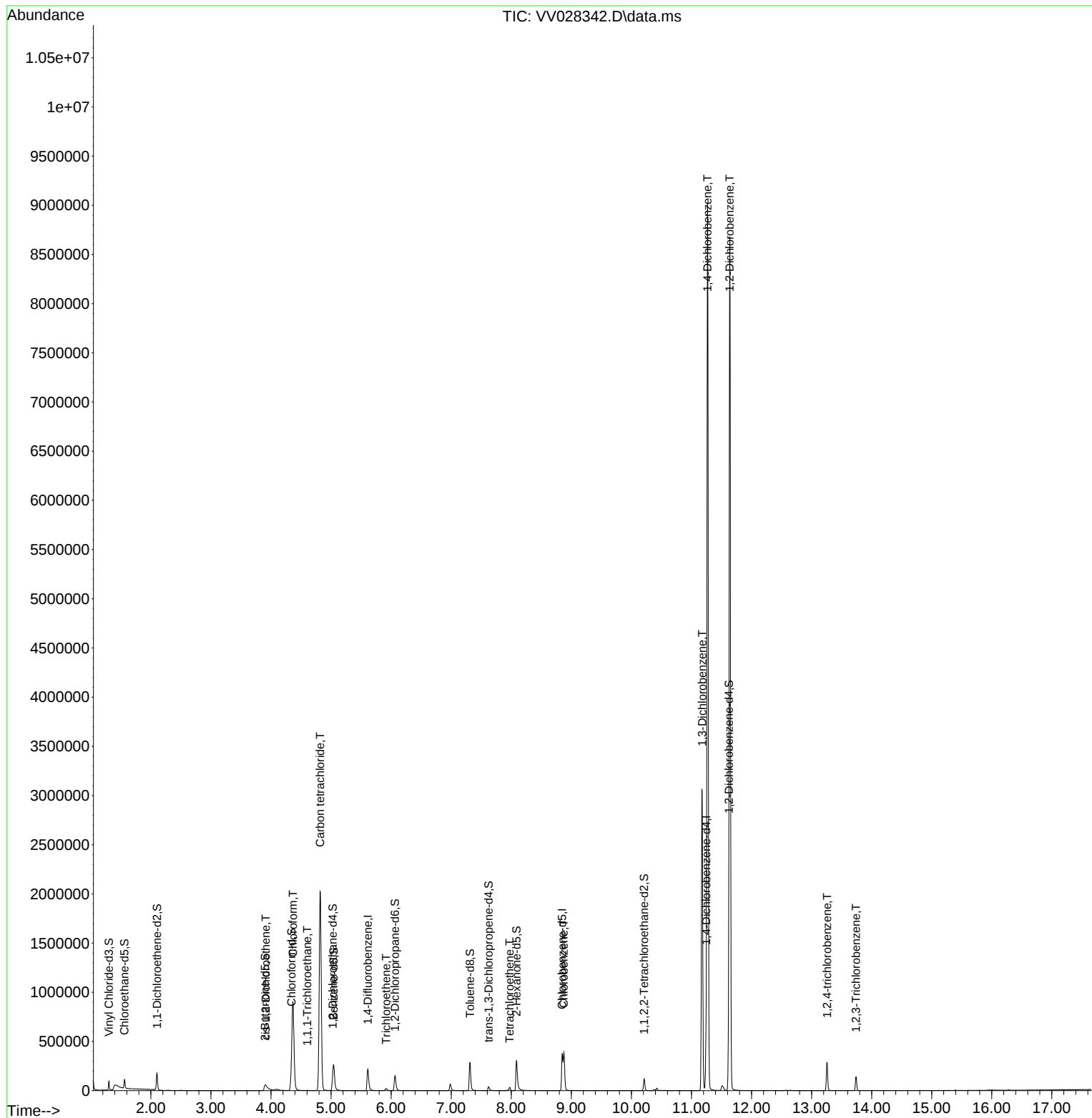
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	201956	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	208780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	123412	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57362	3.780	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.561	69	55090	4.289	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.800%
11) 1,1-Dichloroethene-d2	2.101	63	85673	2.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.902	46	133800	52.113	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.220%
24) Chloroform-d	4.342	84	165553	6.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.400%
26) 1,2-Dichloroethane-d4	5.027	65	59928	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.043	84	248006	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.066	67	77744	4.732	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.313	98	199195	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.622	79	24871	3.975	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.088	63	122755	47.929	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.860%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	58308	4.682	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	92659	4.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.911	96	6928	0.456	ug/L	73
25) Chloroform	4.365	83	895278	31.767	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	2153	0.084	ug/L	94
31) Carbon tetrachloride	4.818	117	1579247	68.359	ug/L	100
34) Trichloroethene	5.918	95	8246	0.530	ug/L	95
47) Tetrachloroethene	7.972	164	8255	0.607	ug/L	94
51) Chlorobenzene	8.876	112	214060	4.922	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	1263178	34.050	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	3604266	97.030	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	3502707	104.105	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	93097	4.163	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	44109	2.188	ug/L	98

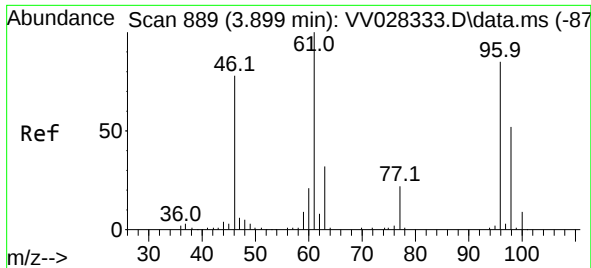
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028342.D
Acq On : 04 Oct 2022 22:08
Operator : SY/MD
Sample : N4872-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFW7

Quant Time: Oct 04 23:35:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.456 ug/L

RT: 3.911 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

Instrument :

MSVOA_V

ClientSampleId :

EXFW7

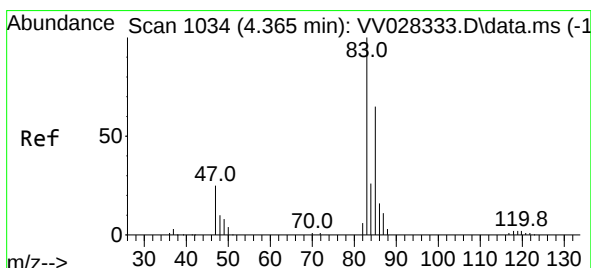
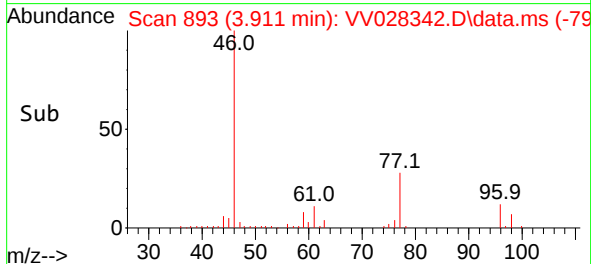
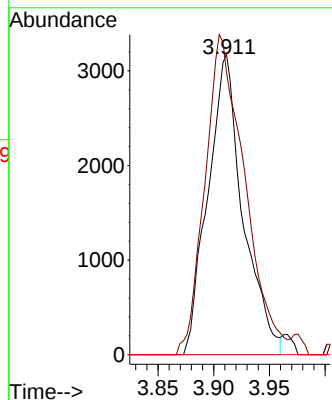
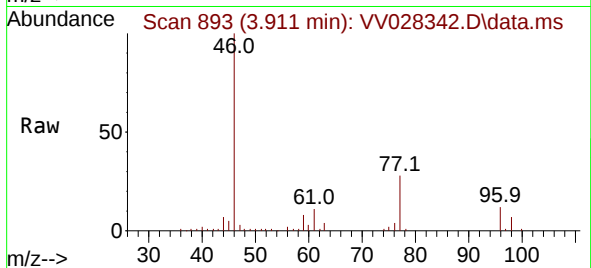
Tgt Ion: 96 Resp: 6928

Ion Ratio Lower Upper

96 100

61 94.1 87.2 161.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 31.767 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VV028342.D

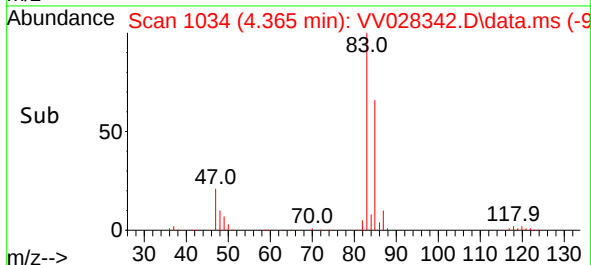
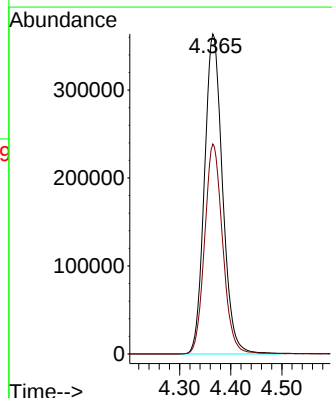
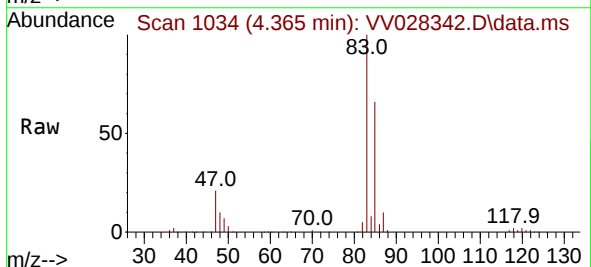
Acq: 04 Oct 2022 22:08

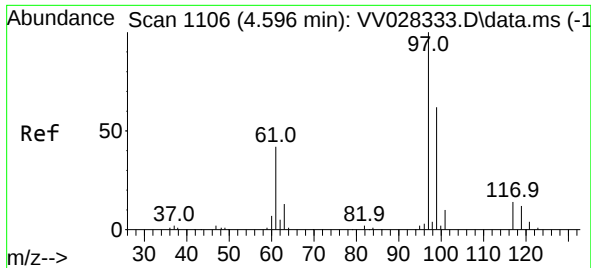
Tgt Ion: 83 Resp: 895278

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.7





#29

1,1,1-Trichloroethane

Concen: 0.084 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

Instrument :

MSVOA_V

ClientSampleId :

EXFW7

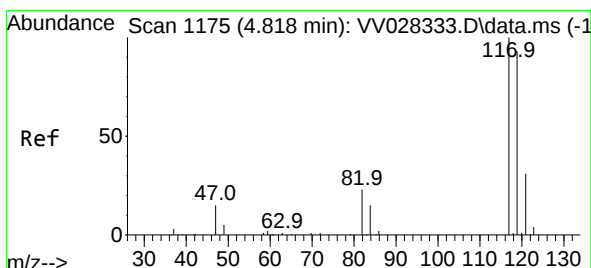
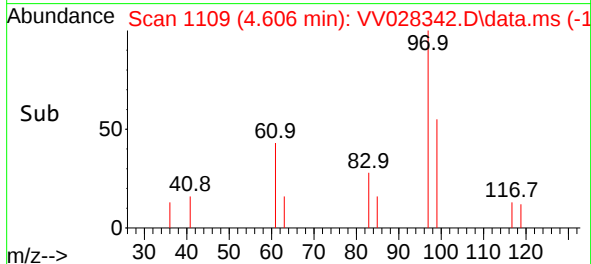
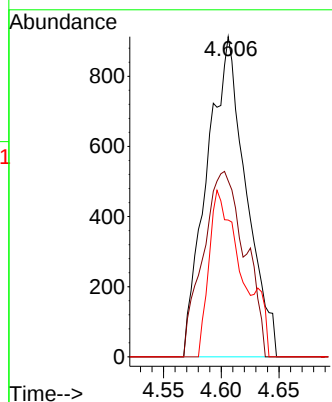
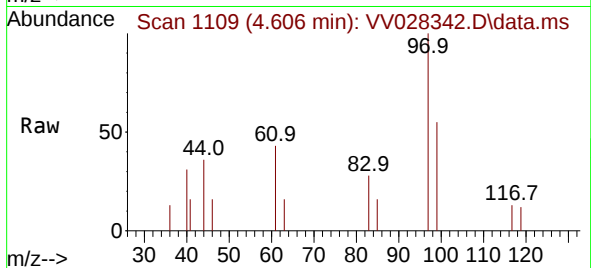
Tgt Ion: 97 Resp: 2153

Ion Ratio Lower Upper

97 100

99 61.7 51.9 77.9

61 37.7 34.8 52.2



#31

Carbon tetrachloride

Concen: 68.359 ug/L

RT: 4.818 min Scan# 1175

Delta R.T. -0.000 min

Lab File: VV028342.D

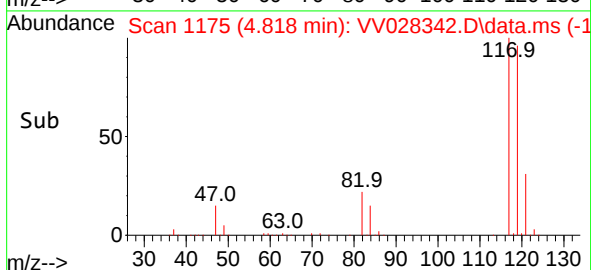
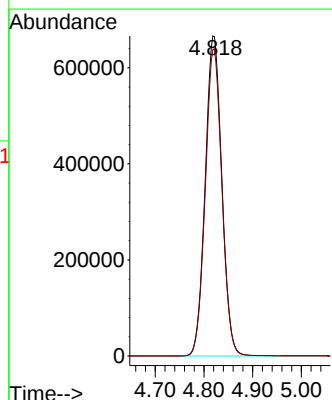
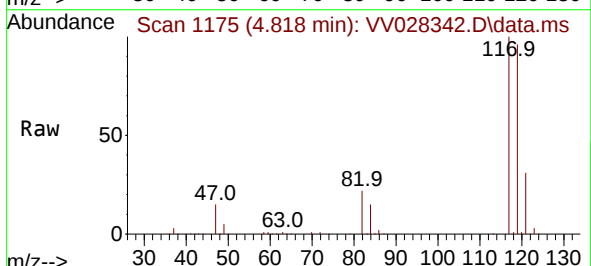
Acq: 04 Oct 2022 22:08

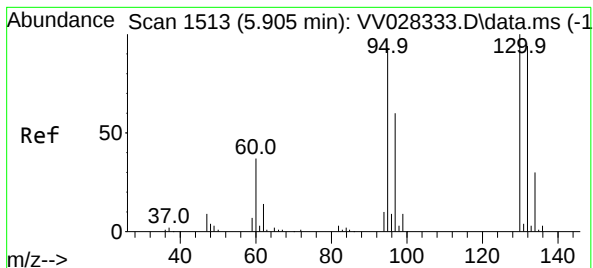
Tgt Ion: 117 Resp: 1579247

Ion Ratio Lower Upper

117 100

119 95.8 76.9 115.3





#34

Trichloroethene

Concen: 0.530 ug/L

RT: 5.918 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

Instrument :

MSVOA_V

ClientSampleId :

EXFW7

Tgt Ion: 95 Resp: 8246

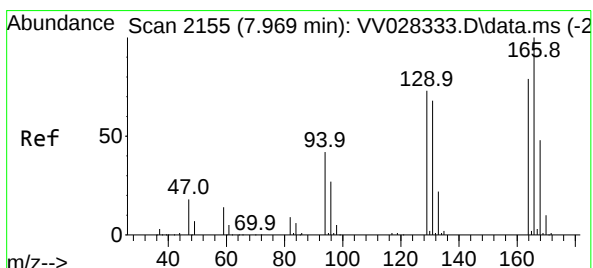
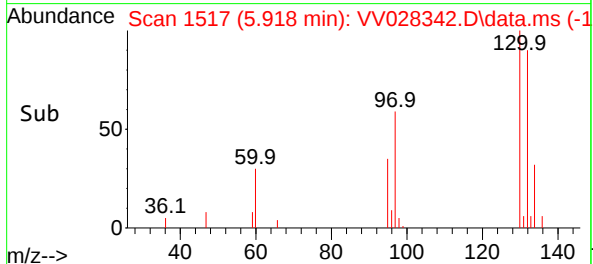
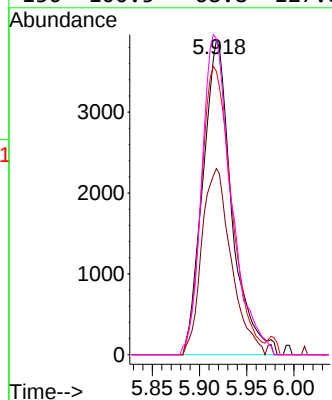
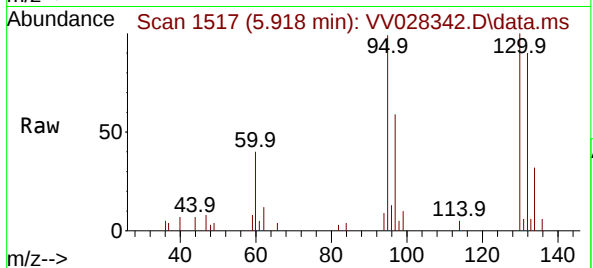
Ion Ratio Lower Upper

95 100

97 59.2 44.2 82.0

132 90.1 67.8 126.0

130 100.5 68.8 127.8



#47

Tetrachloroethene

Concen: 0.607 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

Tgt Ion: 164 Resp: 8255

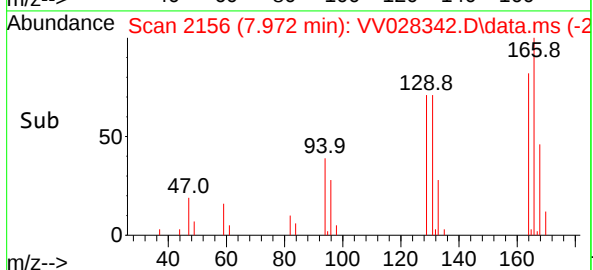
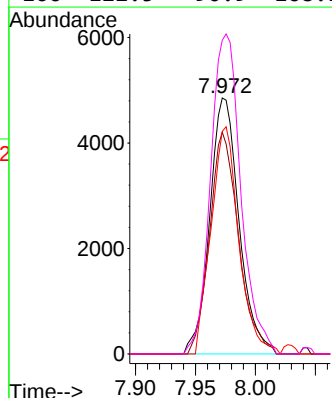
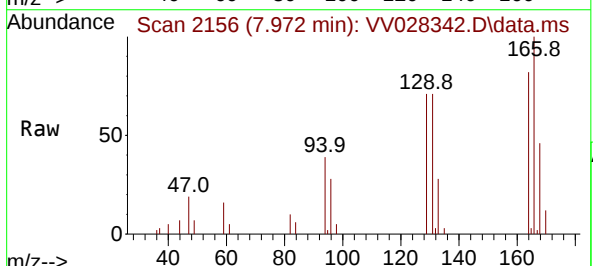
Ion Ratio Lower Upper

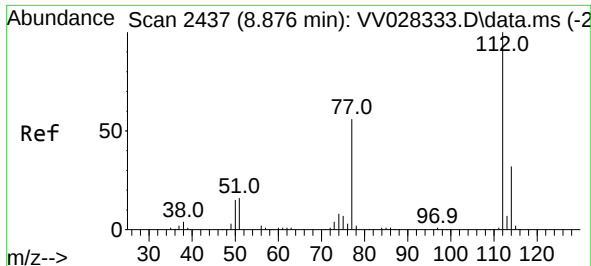
164 100

129 86.6 66.7 123.9

131 86.9 61.7 114.5

166 122.5 90.9 168.9

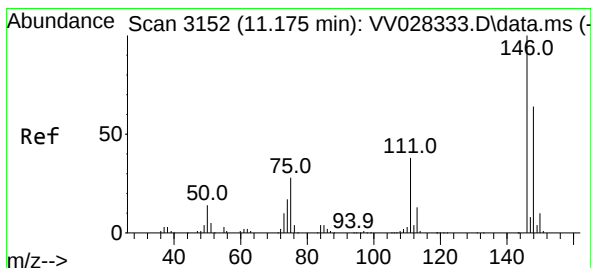
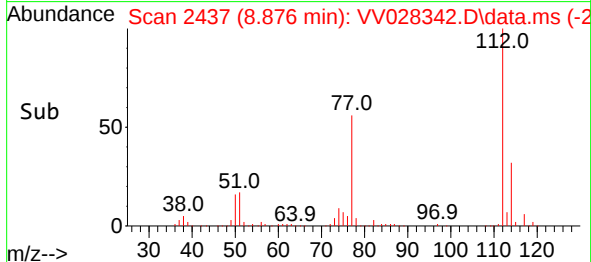
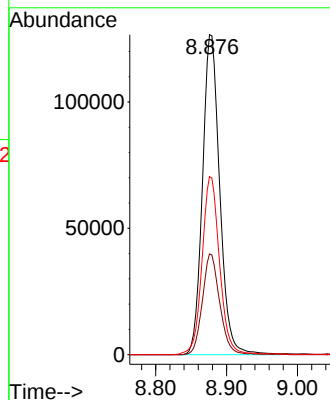
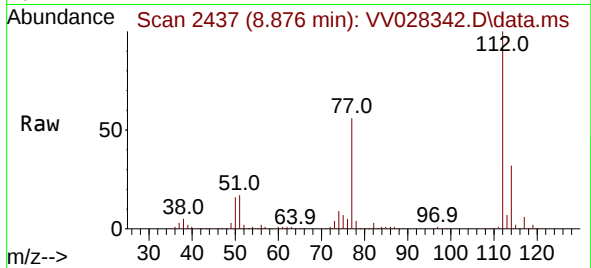




#51
Chlorobenzene
Concen: 4.922 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028342.D
Acq: 04 Oct 2022 22:08

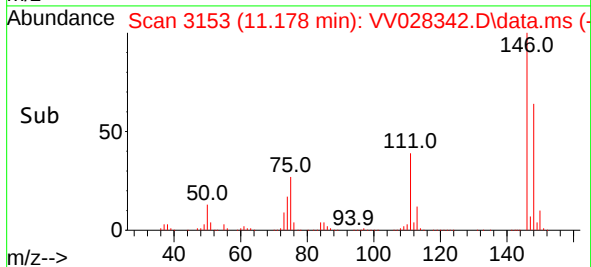
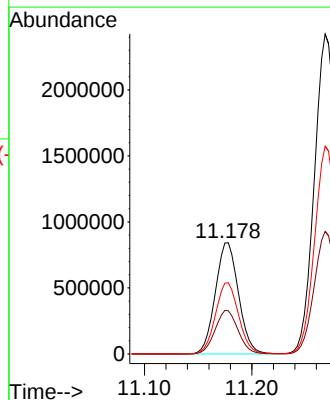
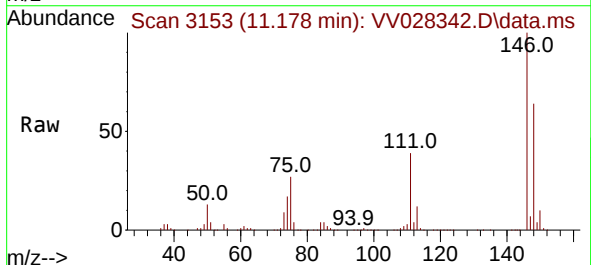
Instrument :
MSVOA_V
ClientSampleId :
EXFW7

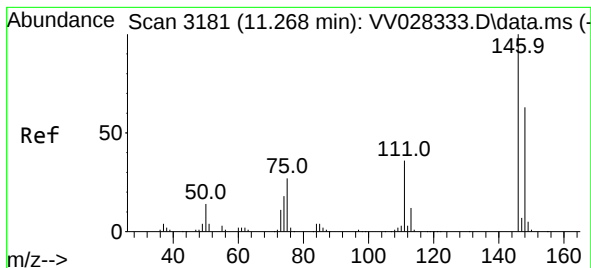
Tgt Ion:112 Resp: 214060
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.7
77 55.6 46.1 69.1



#64
1,3-Dichlorobenzene
Concen: 34.050 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV028342.D
Acq: 04 Oct 2022 22:08

Tgt Ion:146 Resp: 1263178
Ion Ratio Lower Upper
146 100
111 38.8 27.1 50.3
148 64.0 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 97.030 ug/L

RT: 11.268 min Scan# 3181

Delta R.T. -0.000 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

Instrument :

MSVOA_V

ClientSampleId :

EXFW7

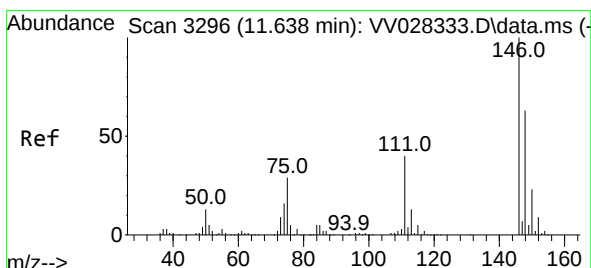
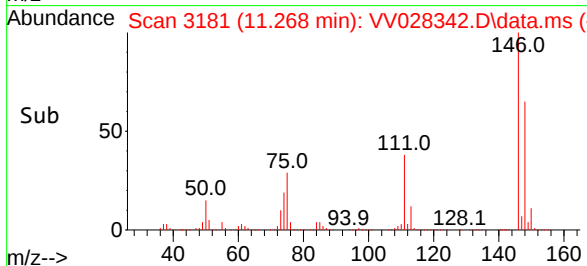
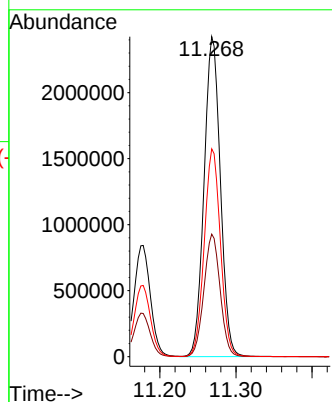
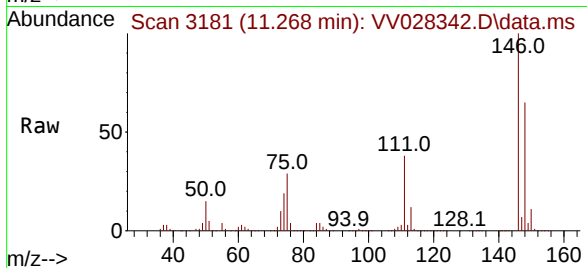
Tgt Ion:146 Resp: 3604266

Ion Ratio Lower Upper

146 100

111 38.3 26.2 48.8

148 65.0 45.8 85.2



#67

1,2-Dichlorobenzene

Concen: 104.105 ug/L

RT: 11.638 min Scan# 3296

Delta R.T. -0.003 min

Lab File: VV028342.D

Acq: 04 Oct 2022 22:08

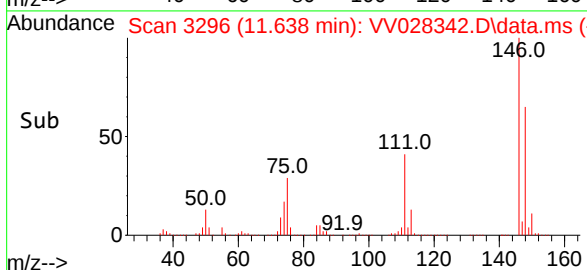
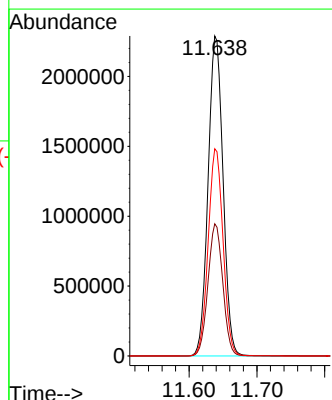
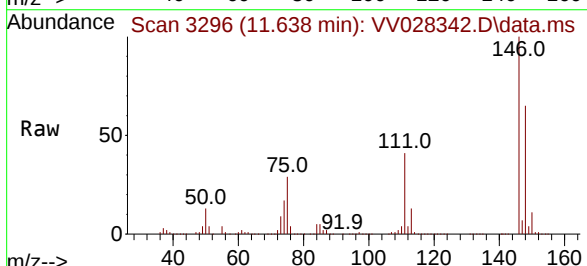
Tgt Ion:146 Resp: 3502707

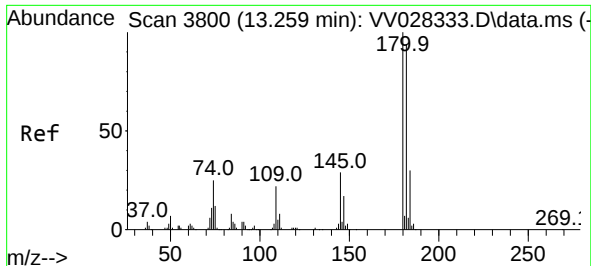
Ion Ratio Lower Upper

146 100

111 41.3 32.6 49.0

148 64.8 50.1 75.1

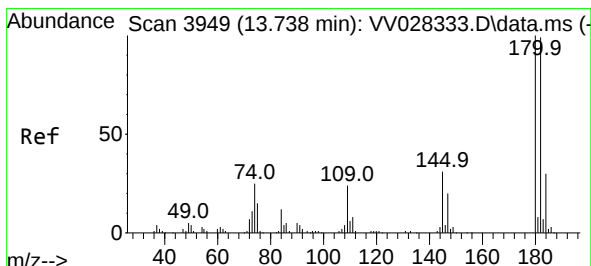
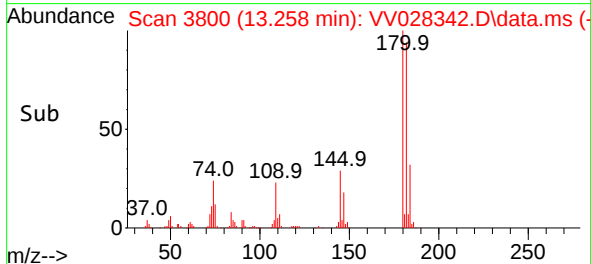
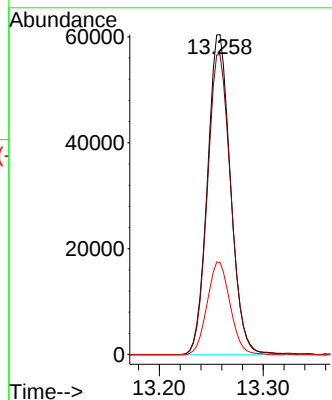
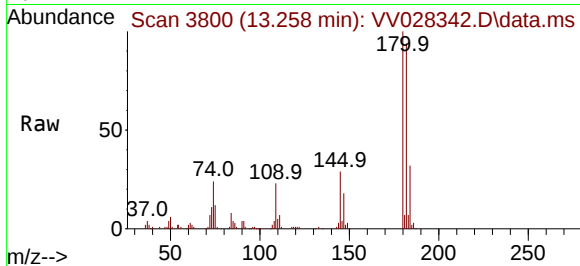




#70
1,2,4-trichlorobenzene
Concen: 4.163 ug/L
RT: 13.258 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028342.D
Acq: 04 Oct 2022 22:08

Instrument :
MSVOA_V
ClientSampleId :
EXFW7

Tgt Ion:180 Resp: 93097
Ion Ratio Lower Upper
180 100
182 95.5 76.3 114.5
145 28.8 22.9 34.3



#72
1,2,3-Trichlorobenzene
Concen: 2.188 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV028342.D
Acq: 04 Oct 2022 22:08

Tgt Ion:180 Resp: 44109
Ion Ratio Lower Upper
180 100
182 98.9 77.4 116.0
145 31.4 24.6 36.8

