

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029492.D
 Acq On : 08 Dec 2022 22:53
 Operator : SY/MD
 Sample : N5915-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N01

Quant Time: Dec 09 04:16:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	515349	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	479913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	244772	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85512	27.097	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.200%#
7) Chloroethane-d5	1.565	69	98683	41.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.020%
11) 1,1-Dichloroethene-d2	2.114	63	4117072	836.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1672.880%#
21) 2-Butanone-d5	3.867	46	182621	94.863	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.860%
24) Chloroform-d	4.339	84	261203	43.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.960%
26) 1,2-Dichloroethane-d4	5.024	65	158887	46.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
32) Benzene-d6	5.044	84	542938	42.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.640%
36) 1,2-Dichloropropane-d6	6.063	67	174915	45.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.320%
41) Toluene-d8	7.307	98	500281	41.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.740%
43) trans-1,3-Dichloroprop...	7.613	79	82376	42.116	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
47) 2-Hexanone-d5	8.082	63	157854	95.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.440%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	259137	46.817	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.640%
66) 1,2-Dichlorobenzene-d4	11.612	152	208673	44.784	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.560%

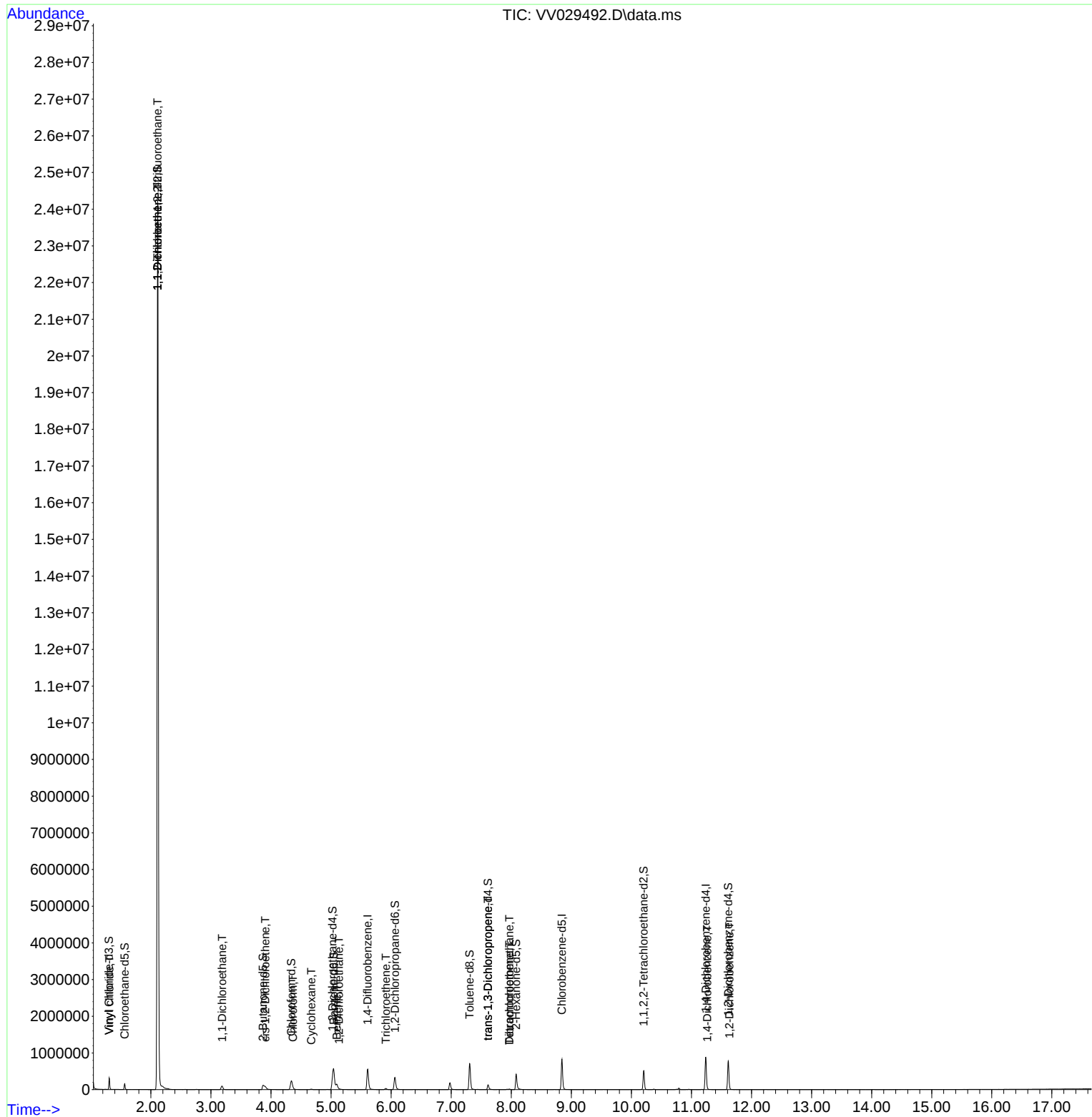
Target Compounds				Qvalue		
5) Vinyl chloride	1.311	62	113242	29.244	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	20752	7.704	ug/L #	27
12) 1,1-Dichloroethene	2.114	96	7831863	2843.131	ug/L #	72
19) 1,1-Dichloroethane	3.185	63	102887	18.922	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	35281	10.109	ug/L	94
25) Chloroform	4.365	83	10323	1.831	ug/L	93
27) 1,2-Dichloroethane	5.130	62	9742	2.446	ug/L	97
29) Cyclohexane	4.671	56	6483	1.247	ug/L	95
33) Benzene	5.095	78	157227	11.623	ug/L	100
34) Trichloroethene	5.912	95	11148	3.289	ug/L	95
44) trans-1,3-Dichloropropene	7.613	75	3407	0.670	ug/L #	68
46) Tetrachloroethene	7.969	164	3374	1.238	ug/L	95
49) Dibromochloromethane	7.969	129	3133	0.841	ug/L #	10
65) 1,4-Dichlorobenzene	11.262	146	8872	1.242	ug/L	95
67) 1,2-Dichlorobenzene	11.632	146	6166	0.858	ug/L #	93

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

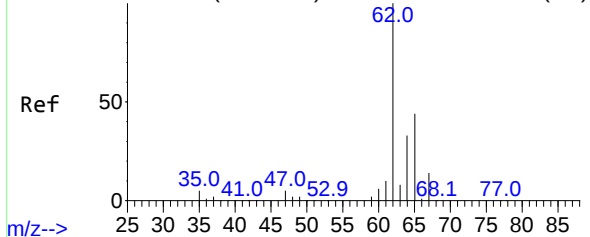
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029492.D
Acq On : 08 Dec 2022 22:53
Operator : SY/MD
Sample : N5915-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5N01

Quant Time: Dec 09 04:16:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration



Abundance Scan 84 (1.310 min): VV029485.D\data.ms (-76)



#5

Vinyl chloride

Concen: 29.244 ug/L

RT: 1.311 min Scan# 84

Delta R.T. 0.003 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

F5N01

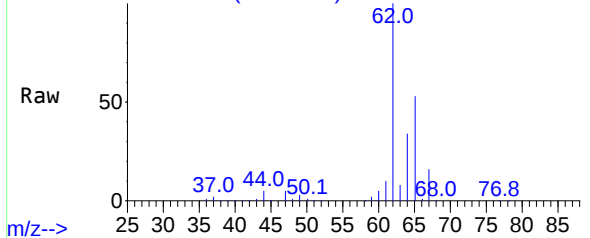
Tgt Ion: 62 Resp: 113242

Ion Ratio Lower Upper

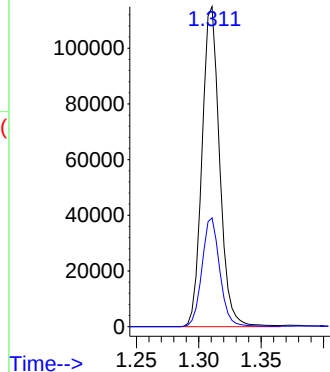
62 100

64 34.0 22.5 41.9

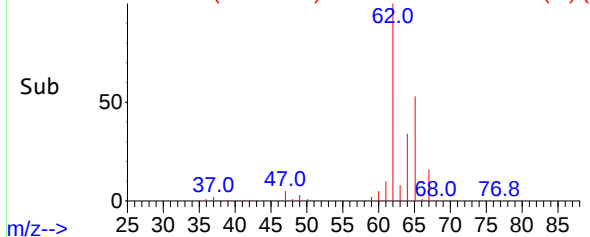
Abundance Scan 84 (1.311 min): VV029492.D\data.ms



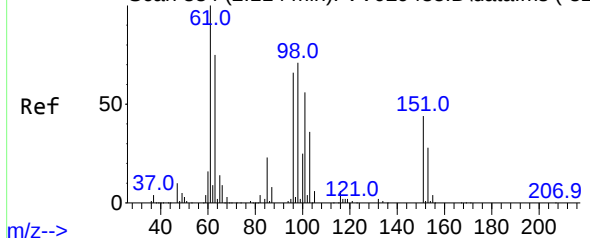
Abundance



Abundance Scan 84 (1.311 min): VV029492.D\data.ms (-1)



Abundance Scan 334 (2.114 min): VV029485.D\data.ms (-32)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 7.704 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

Tgt Ion: 101 Resp: 20752

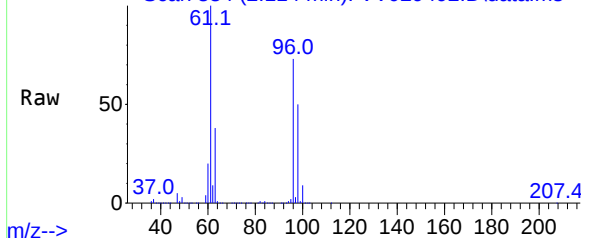
Ion Ratio Lower Upper

101 100

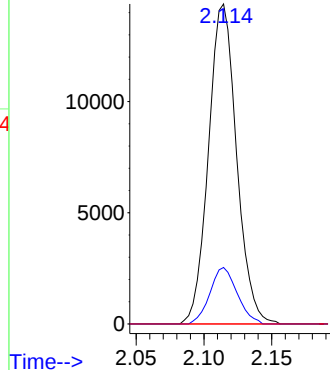
85 17.1 33.6 50.4#

151 0.0 63.5 95.3#

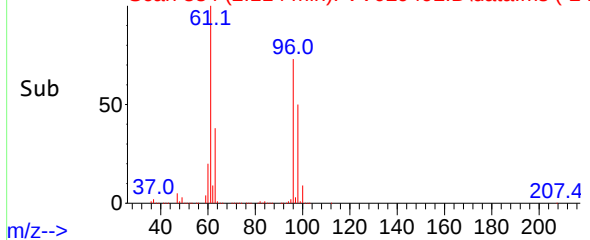
Abundance Scan 334 (2.114 min): VV029492.D\data.ms

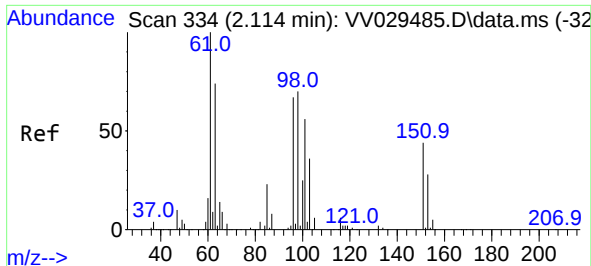


Abundance



Abundance Scan 334 (2.114 min): VV029492.D\data.ms (-24)

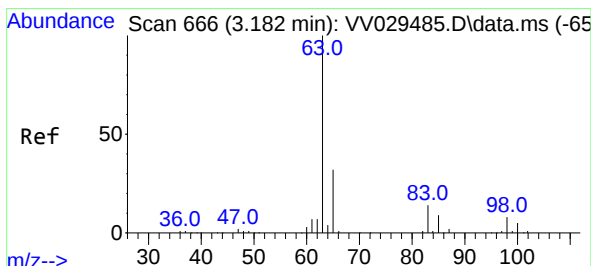
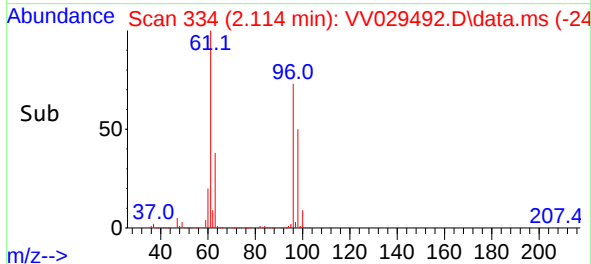
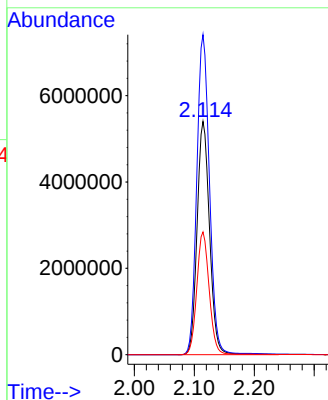
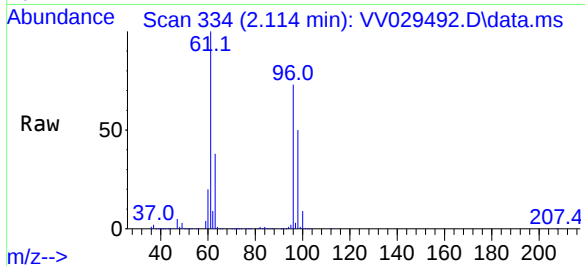




#12
1,1-Dichloroethene
Concen: 2843.131 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

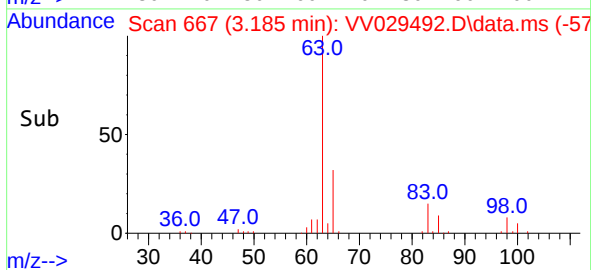
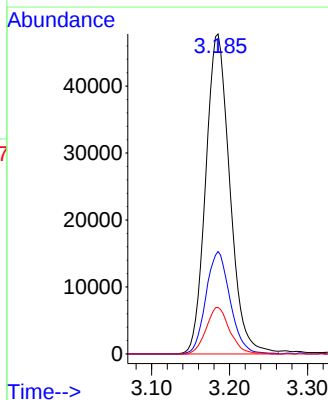
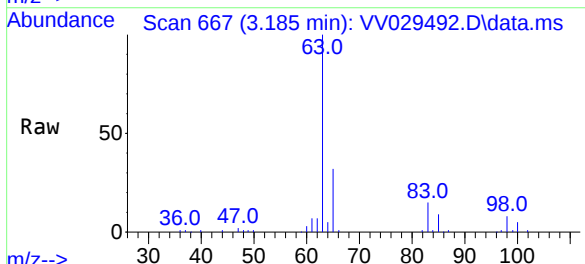
Instrument :
MSVOA_V
ClientSampleId :
F5N01

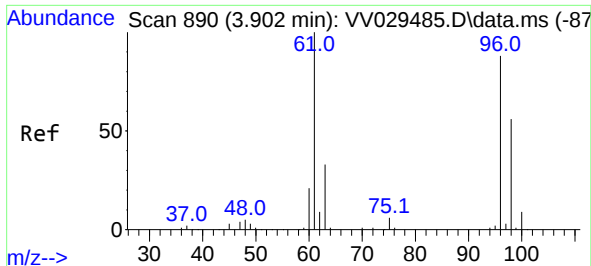
Tgt Ion: 96 Resp: 7831863
Ion Ratio Lower Upper
96 100
61 137.2 103.3 191.9
63 52.6 77.3 143.7#



#19
1,1-Dichloroethane
Concen: 18.922 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

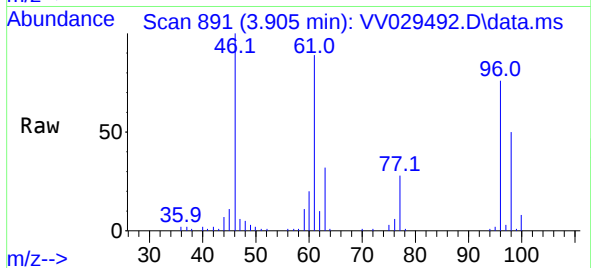
Tgt Ion: 63 Resp: 102887
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 14.6 10.4 19.2



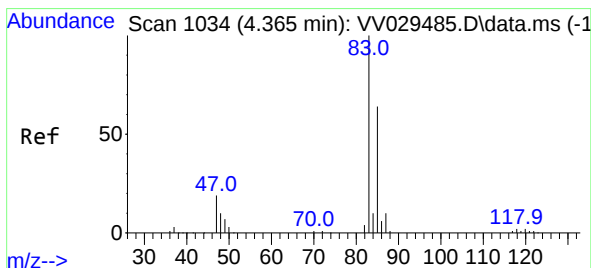
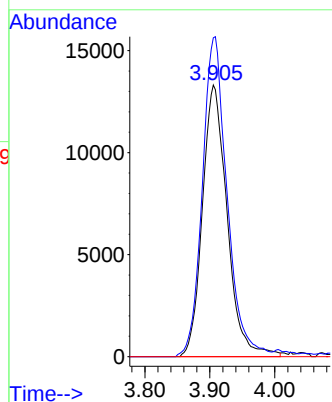
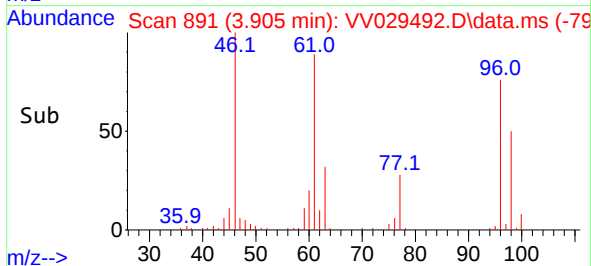


#20
cis-1,2-Dichloroethene
Concen: 10.109 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

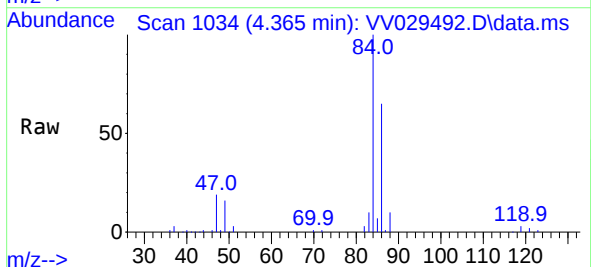
Instrument :
MSVOA_V
ClientSampleId :
F5N01



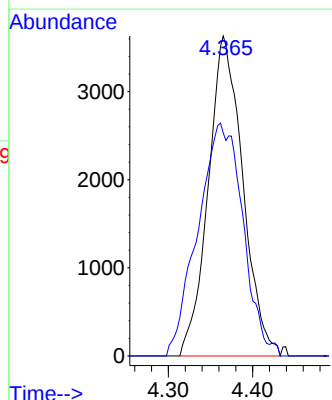
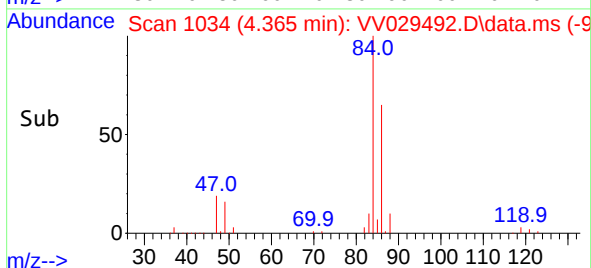
Tgt Ion: 96 Resp: 35281
Ion Ratio Lower Upper
96 100
61 117.4 78.0 144.9
68 0.0 0.0 0.0

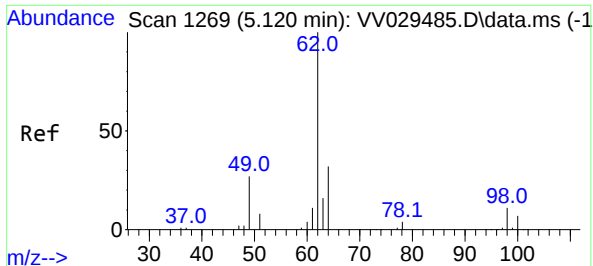


#25
Chloroform
Concen: 1.831 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53



Tgt Ion: 83 Resp: 10323
Ion Ratio Lower Upper
83 100
85 69.7 45.1 83.9

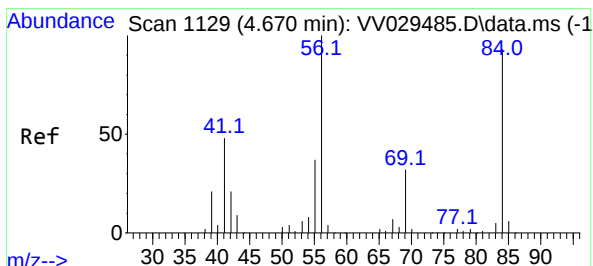
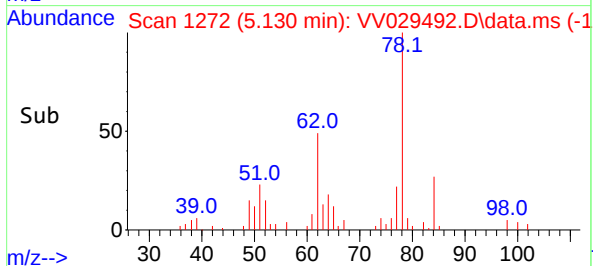
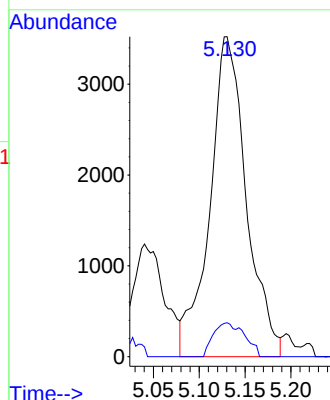
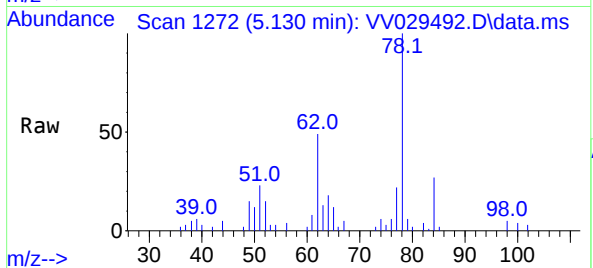




#27
1,2-Dichloroethane
Concen: 2.446 ug/L
RT: 5.130 min Scan# 1127
Delta R.T. 0.007 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

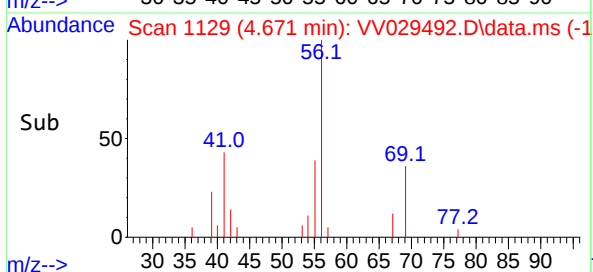
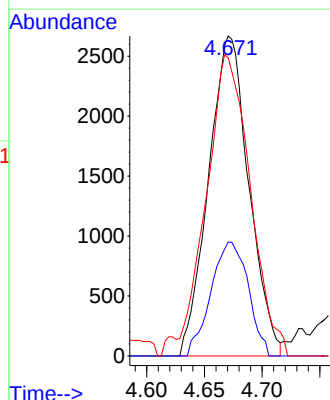
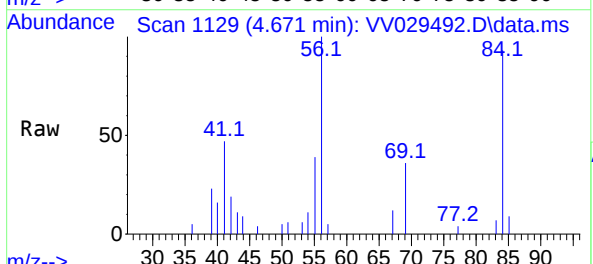
Instrument :
MSVOA_V
ClientSampleId :
F5N01

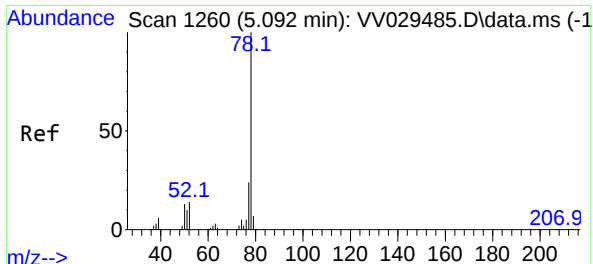
Tgt Ion: 62 Resp: 9742
Ion Ratio Lower Upper
62 100
98 10.6 9.4 14.0



#29
Cyclohexane
Concen: 1.247 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

Tgt Ion: 56 Resp: 6483
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.8
84 101.8 76.6 114.8





#33

Benzene

Concen: 11.623 ug/L

RT: 5.095 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

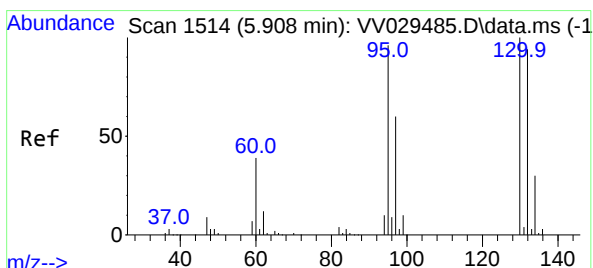
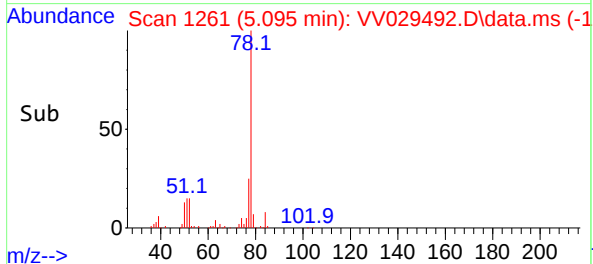
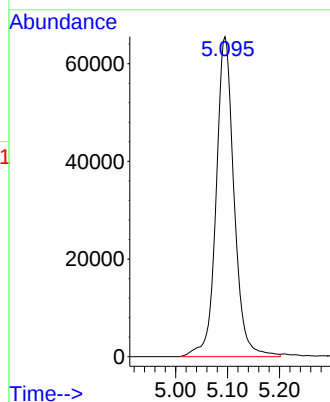
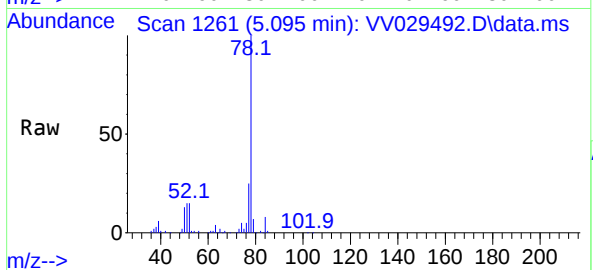
Instrument :

MSVOA_V

ClientSampleId :

F5N01

Tgt Ion: 78 Resp: 157227



#34

Trichloroethene

Concen: 3.289 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

Tgt Ion: 95 Resp: 11148

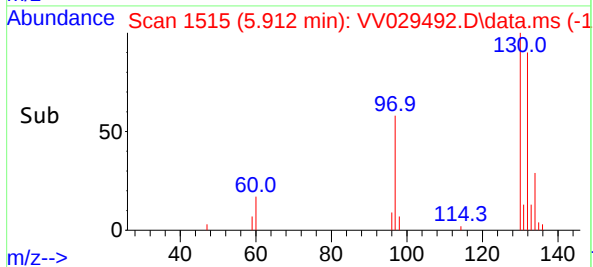
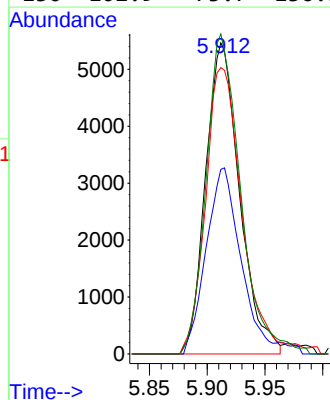
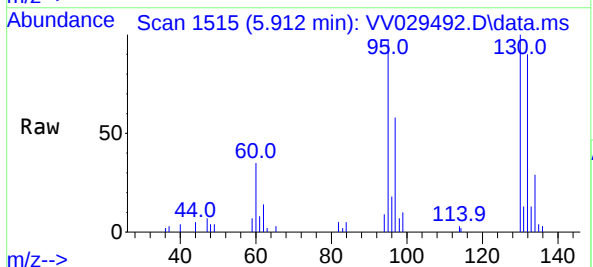
Ion Ratio Lower Upper

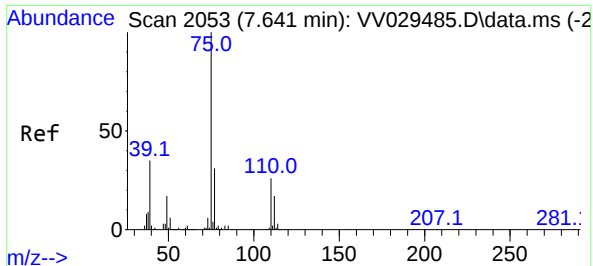
95 100

97 59.4 44.0 81.8

132 92.1 69.9 129.9

130 102.9 73.7 136.9

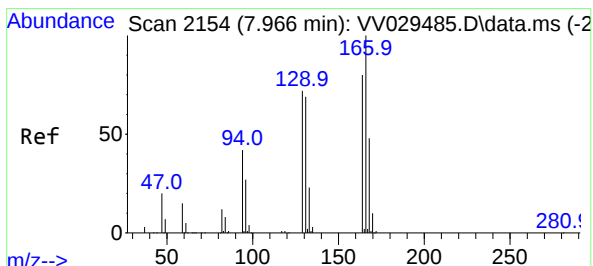
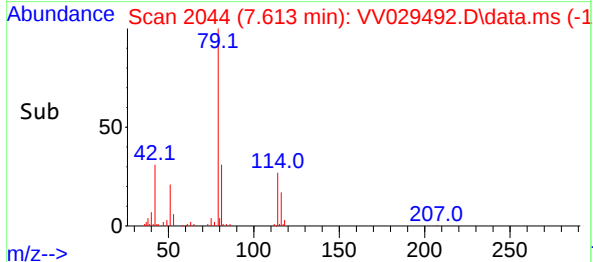
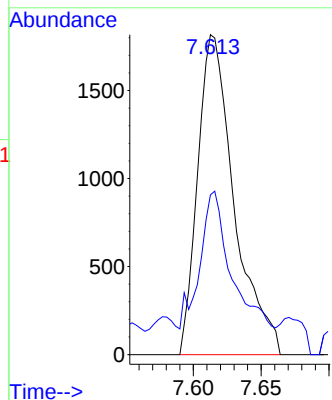
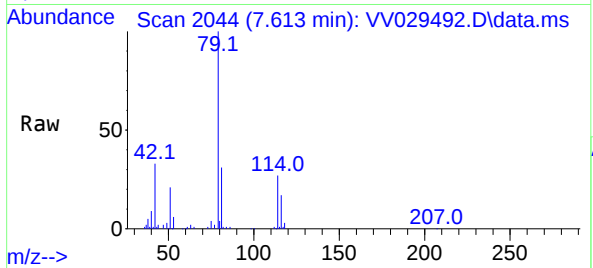




#44
trans-1,3-Dichloropropene
Concen: 0.670 ug/L
RT: 7.613 min Scan# 2053
Delta R.T. -0.032 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

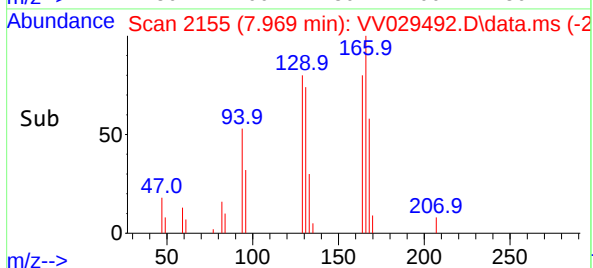
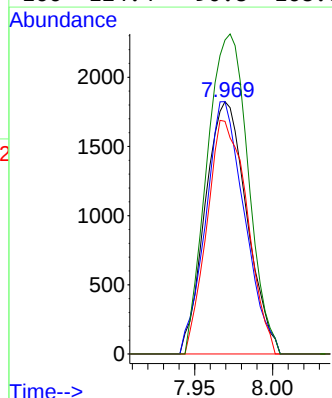
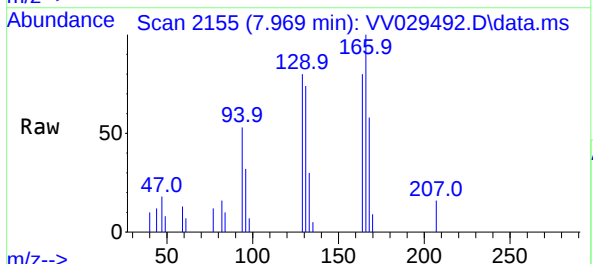
Instrument :
MSVOA_V
ClientSampleId :
F5N01

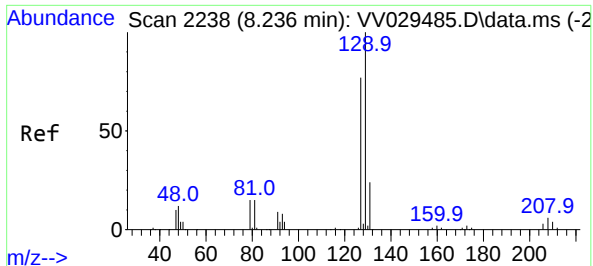
Tgt Ion: 75 Resp: 3407
Ion Ratio Lower Upper
75 100
77 49.9 22.3 41.5#



#46
Tetrachloroethene
Concen: 1.238 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

Tgt Ion:164 Resp: 3374
Ion Ratio Lower Upper
164 100
129 100.0 65.3 121.3
131 92.2 63.1 117.1
166 124.4 90.8 168.6





#49

Dibromochloromethane

Concen: 0.841 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

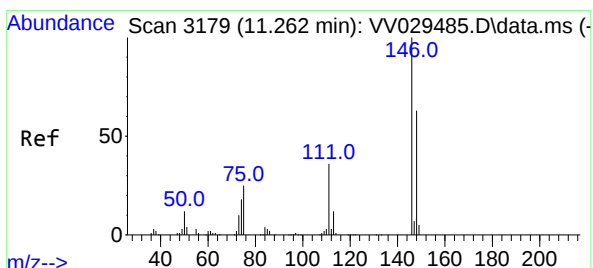
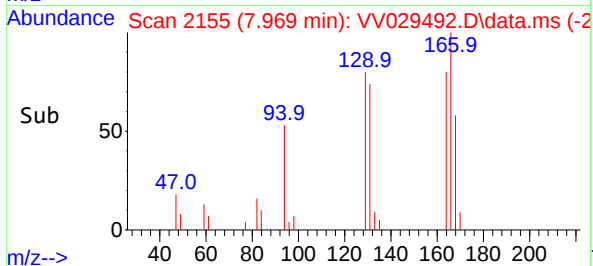
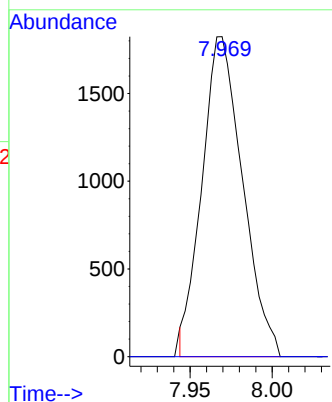
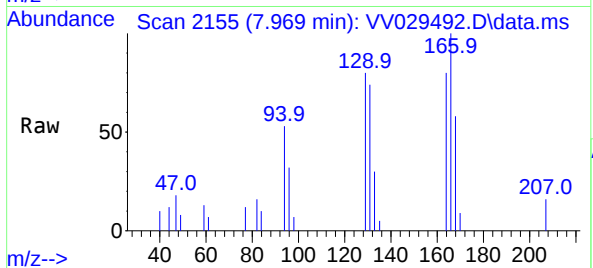
F5N01

Tgt Ion:129 Resp: 3133

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.4#



#65

1,4-Dichlorobenzene

Concen: 1.242 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

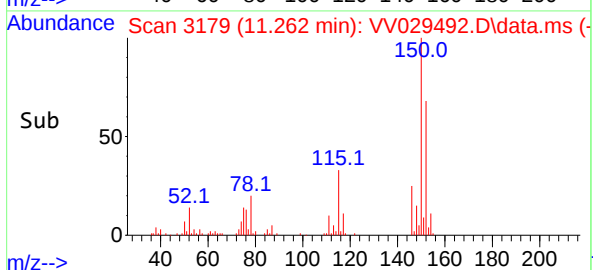
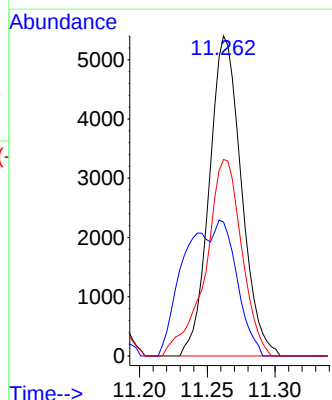
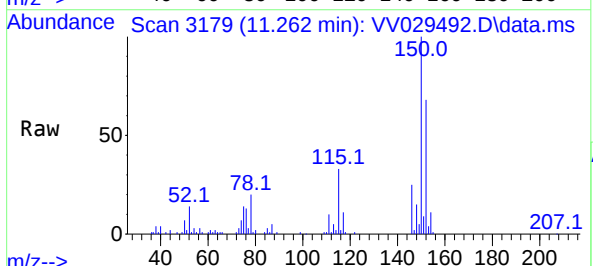
Tgt Ion:146 Resp: 8872

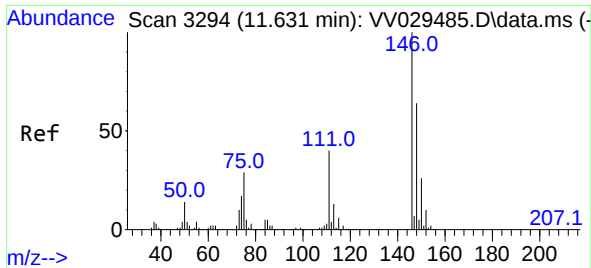
Ion Ratio Lower Upper

146 100

111 41.9 26.2 48.8

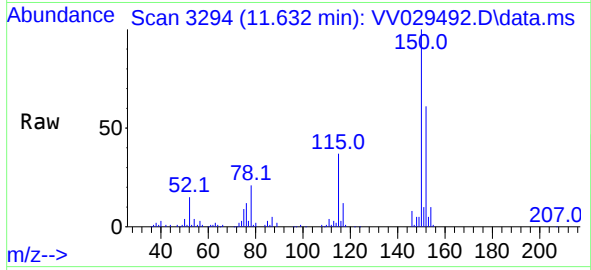
148 61.4 44.7 83.1





#67
 1,2-Dichlorobenzene
 Concen: 0.858 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N01



Tgt Ion:146 Resp: 6166

Ion	Ratio	Lower	Upper
146	100		
111	50.7	32.0	48.0#
148	63.9	50.6	76.0

