

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

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

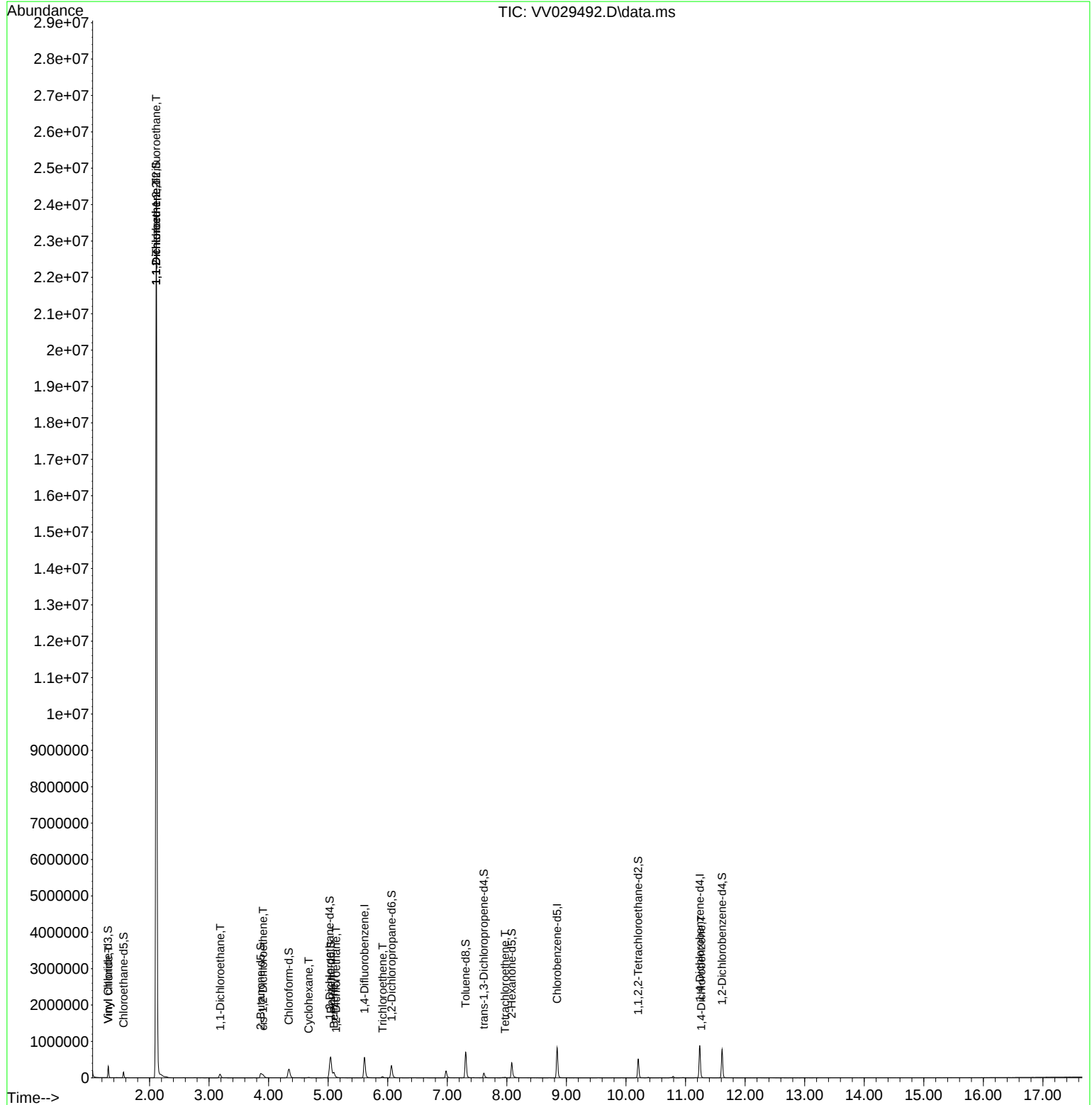
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	515349	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	479913	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	244772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	85512	27.097	ug/L	0.00
Spiked Amount	50.000	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
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
46) Tetrachloroethene	7.969	164	3374	1.238	ug/L	95
65) 1,4-Dichlorobenzene	11.262	146	8872	1.242	ug/L	95

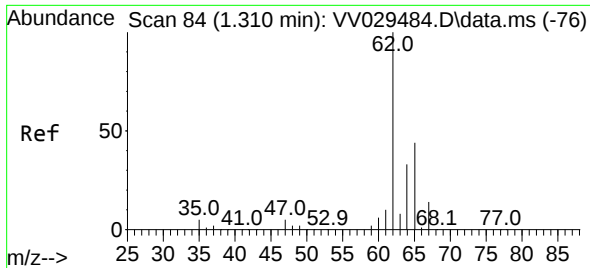
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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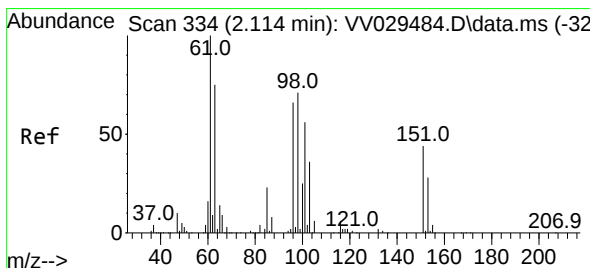
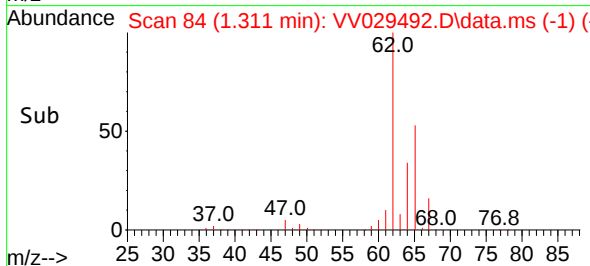
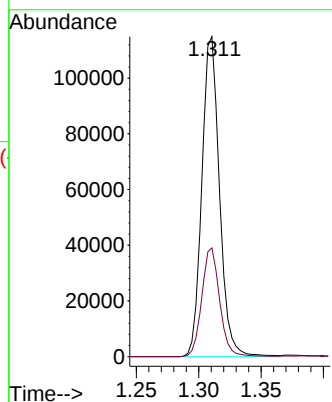
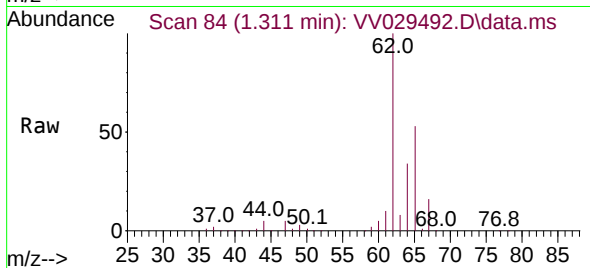




#5
 Vinyl chloride
 Concen: 29.244 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

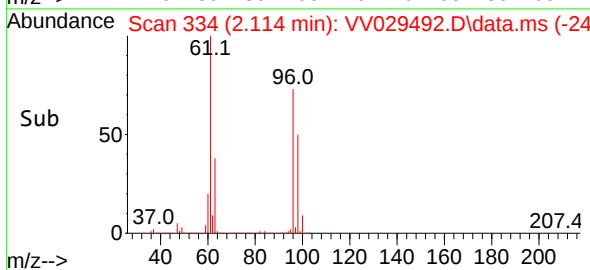
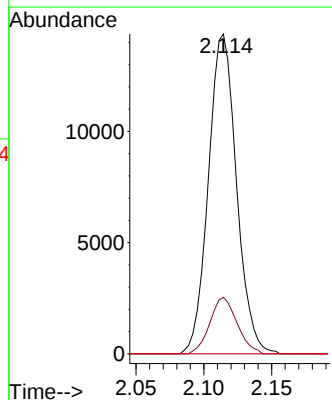
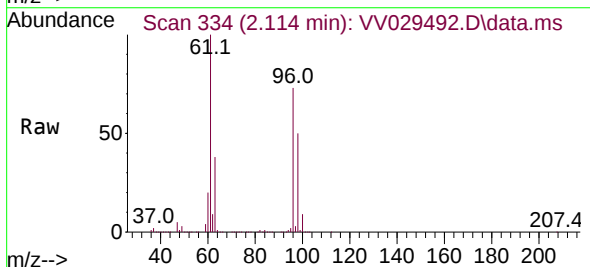
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N01

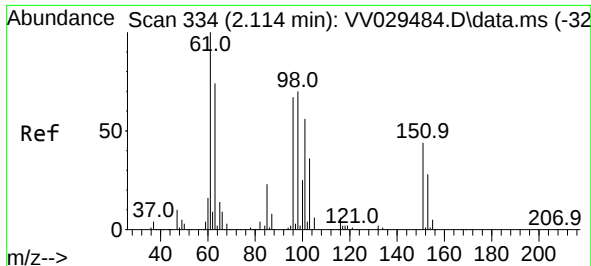
Tgt Ion: 62 Resp: 113242
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.5 41.9



#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#



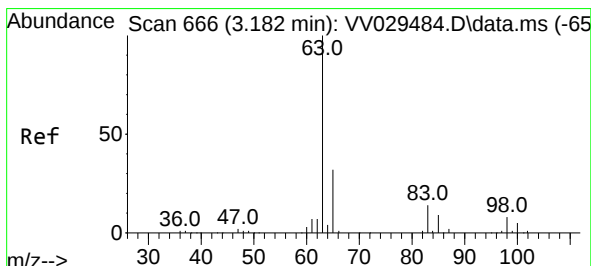
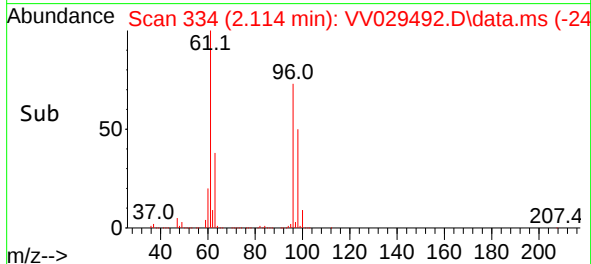
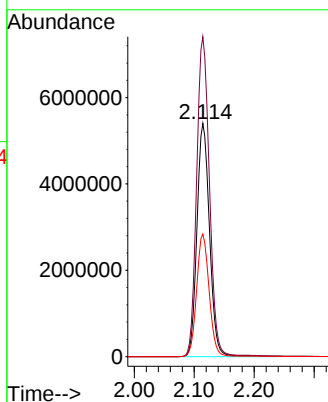
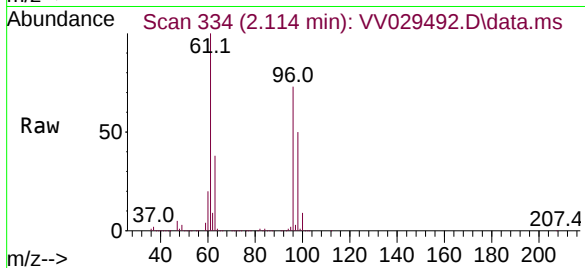


#12
 1,1-Dichloroethene
 Concen: 2843.131 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N01

Tgt Ion: 96 Resp: 7831863

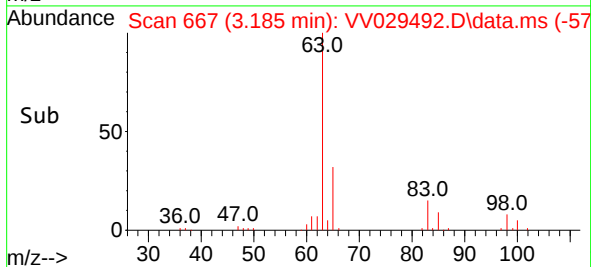
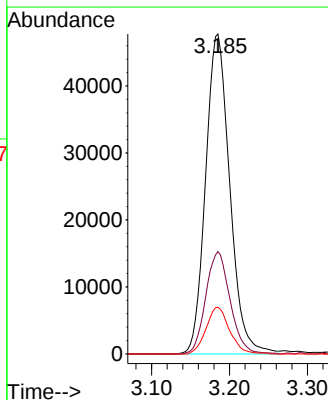
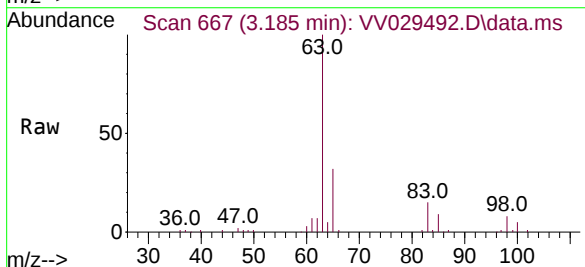
Ion	Ratio	Lower	Upper
96	100		
61	137.2	103.3	191.9
63	52.6	77.3	143.7

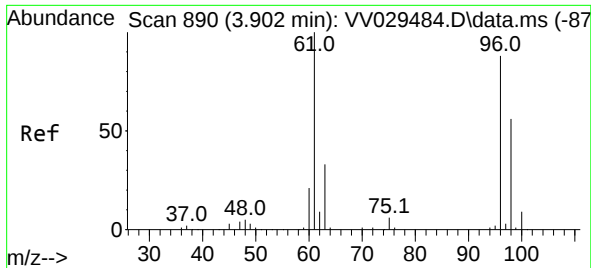


#19
 1,1-Dichloroethane
 Concen: 18.922 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

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

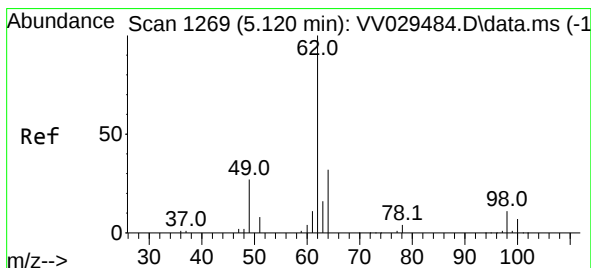
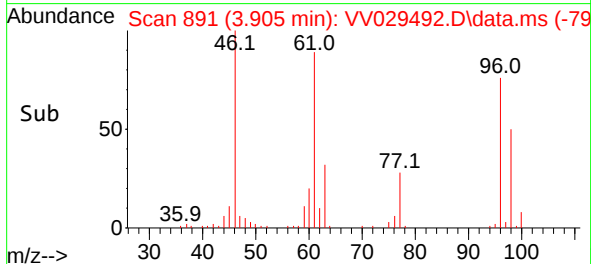
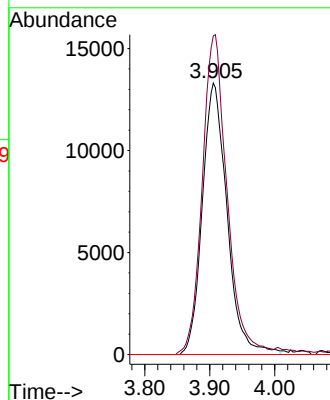
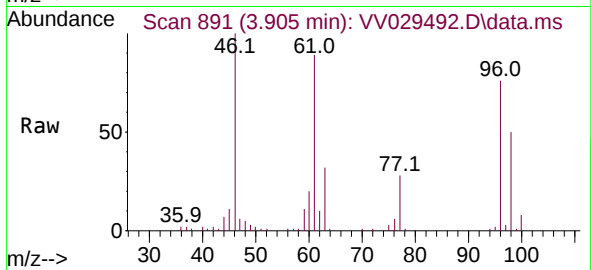




#20
 cis-1,2-Dichloroethene
 Concen: 10.109 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

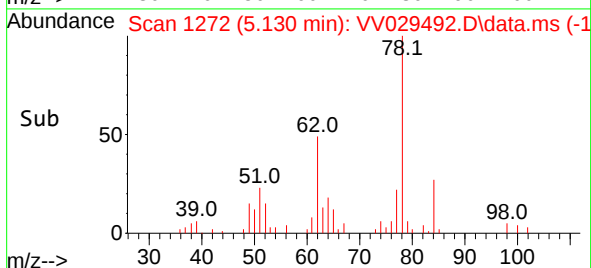
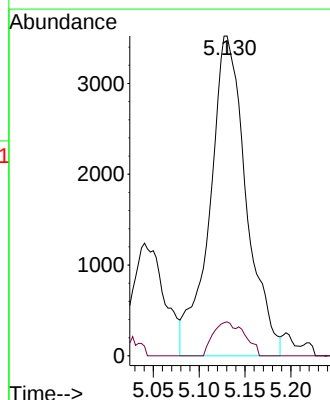
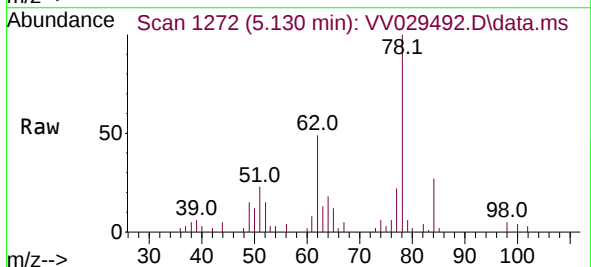
Instrument :
 MSVOA_V
 ClientSampleId :
 F5N01

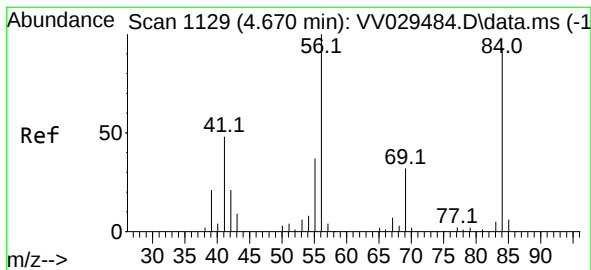
Tgt Ion: 96 Resp: 35281
 Ion Ratio Lower Upper
 96 100
 61 117.4 78.0 144.9
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 2.446 ug/L
 RT: 5.130 min Scan# 1272
 Delta R.T. 0.007 min
 Lab File: VV029492.D
 Acq: 08 Dec 2022 22:53

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

Instrument :

MSVOA_V

ClientSampleId :

F5N01

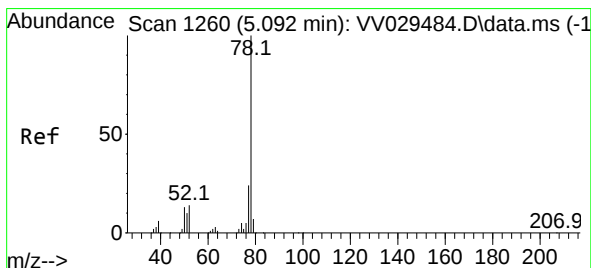
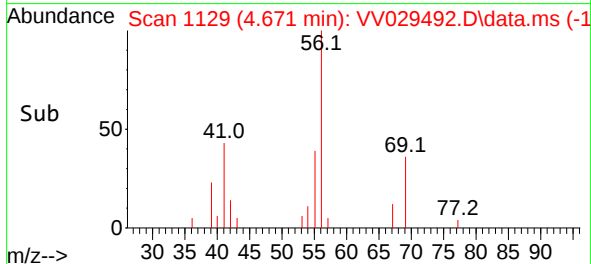
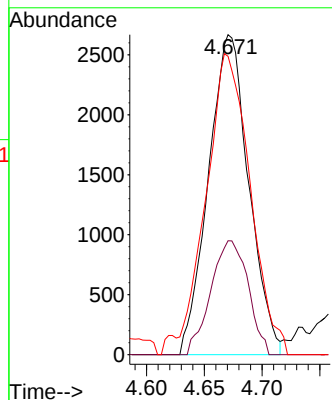
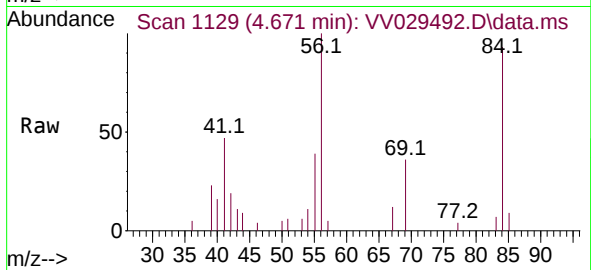
Tgt Ion: 56 Resp: 6483

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

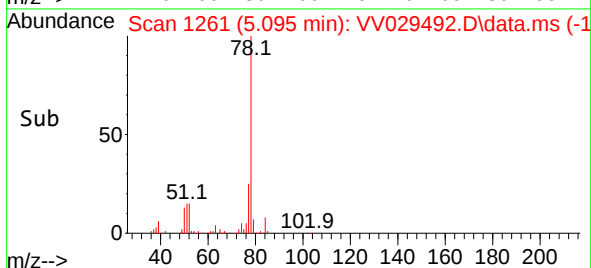
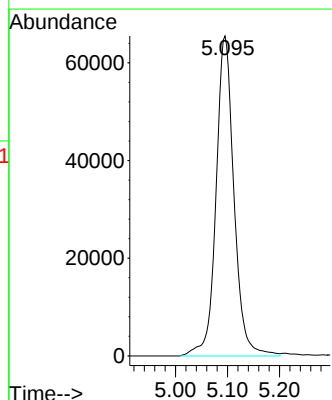
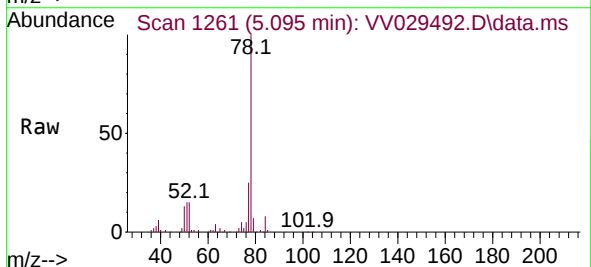
RT: 5.095 min Scan# 1261

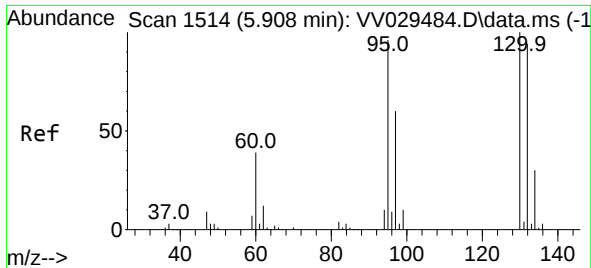
Delta R.T. 0.000 min

Lab File: VV029492.D

Acq: 08 Dec 2022 22:53

Tgt Ion: 78 Resp: 157227



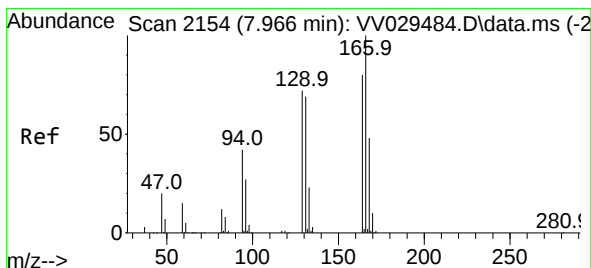
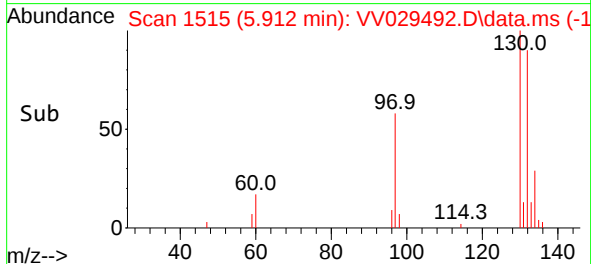
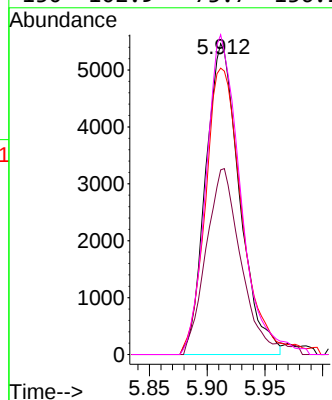
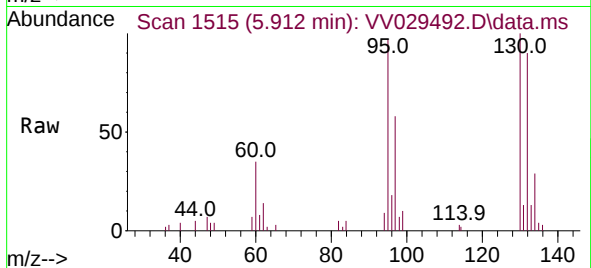


#34
Trichloroethene
Concen: 3.289 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

Instrument :
MSVOA_V
ClientSampleId :
F5N01

Tgt Ion: 95 Resp: 11148

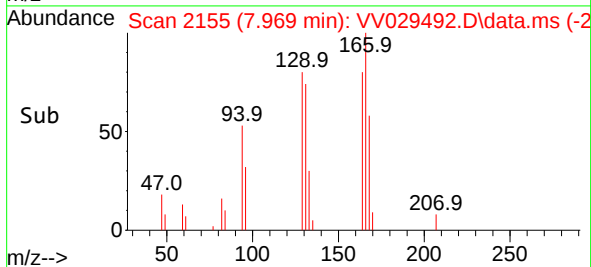
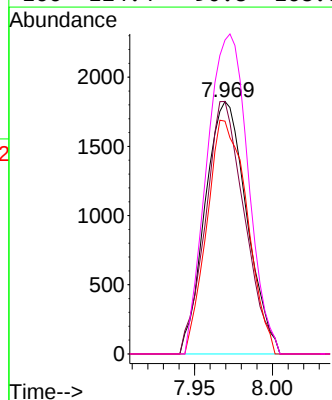
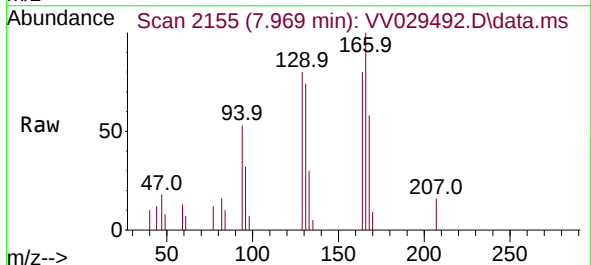
Ion	Ratio	Lower	Upper
95	100		
97	59.4	44.0	81.8
132	92.1	69.9	129.9
130	102.9	73.7	136.9

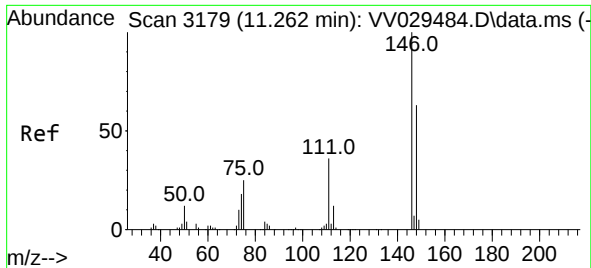


#46
Tetrachloroethene
Concen: 1.238 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029492.D
Acq: 08 Dec 2022 22:53

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





#65

1,4-Dichlorobenzene

Concen: 1.242 ug/L

RT: 11.262 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029492.D

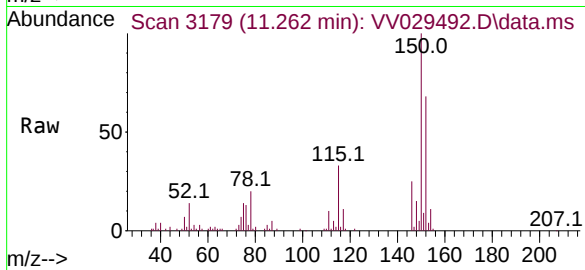
Acq: 08 Dec 2022 22:53

Instrument :

MSVOA_V

ClientSampleId :

F5N01



Tgt Ion:146 Resp: 8872

Ion Ratio Lower Upper

146 100

111 41.9 26.2 48.8

148 61.4 44.7 83.1

