

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020111.D
 Acq On : 21 Jan 2021 16:07
 Operator : SY/MD
 Sample : M1181-04RE
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E28

Quant Time: Jan 22 06:44:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

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

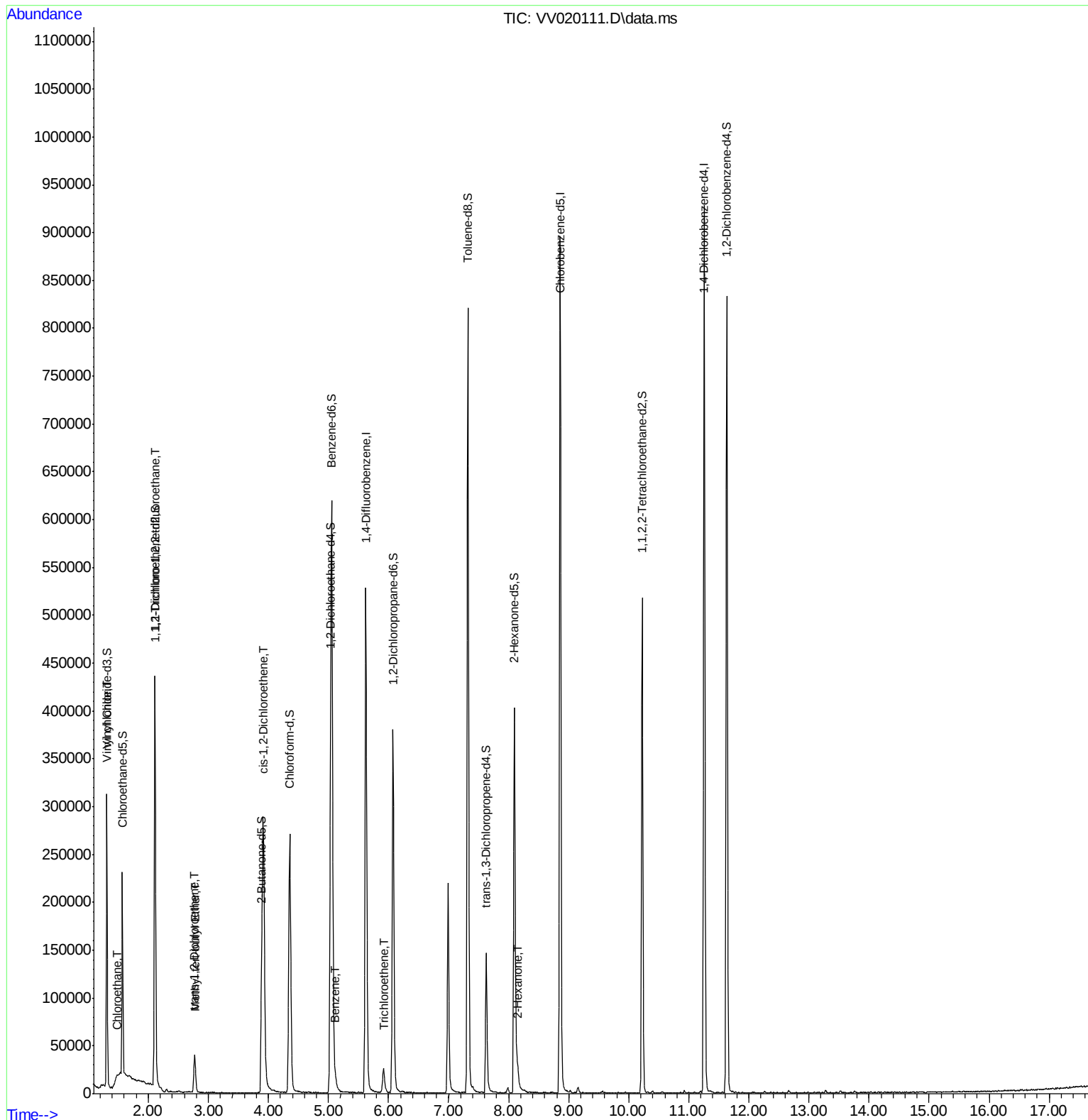
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	420979	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	472232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	227750	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	146486	46.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.82%		
7) Chloroethane-d5	1.569	69	128705	49.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.48%		
11) 1,1-Dichloroethene-d2	2.110	63	230055	36.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.78%		
21) 2-Butanone-d5	3.888	46	190052	88.75	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.75%		
24) Chloroform-d	4.354	84	266332	45.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.08%		
26) 1,2-Dichloroethane-d4	5.036	65	191757	47.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.60%		
32) Benzene-d6	5.055	84	498946	38.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.74%		
36) 1,2-Dichloropropane-d6	6.074	67	168488	41.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.08%		
41) Toluene-d8	7.322	98	522893	43.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.44%		
43) trans-1,3-Dichloroprop...	7.627	79	81787	40.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.42%		
47) 2-Hexanone-d5	8.093	63	125014	73.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	73.25%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	236303	42.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.10%		
64) 1,2-Dichlorobenzene-d4	11.633	152	204436	47.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.54%		
Target Compounds						
5) Vinyl chloride	1.312	62	47973	13.15	ug/L	95
8) Chloroethane	1.479	64	19299	8.25	ug/L #	54
10) 1,1,2-Trichloro-1,2,2-...	2.113	101	2317	0.78	ug/L #	26
17) trans-1,2-Dichloroethene	2.769	96	2117	0.75	ug/L	92
18) Methyl tert-butyl Ether	2.775	73	30812	3.35	ug/L	96
20) cis-1,2-Dichloroethene	3.917	96	131766	43.26	ug/L	100
33) Benzene	5.106	78	14327	1.01	ug/L	100
34) Trichloroethene	5.929	95	3990	0.99	ug/L	97
48) 2-Hexanone	8.148	43	13288	3.09	ug/L #	95

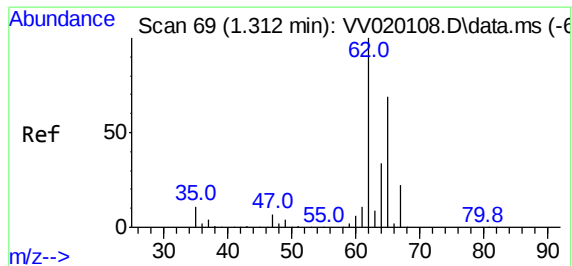
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
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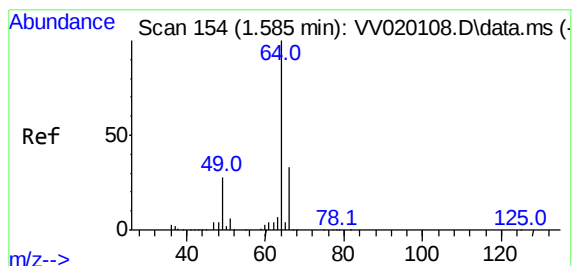
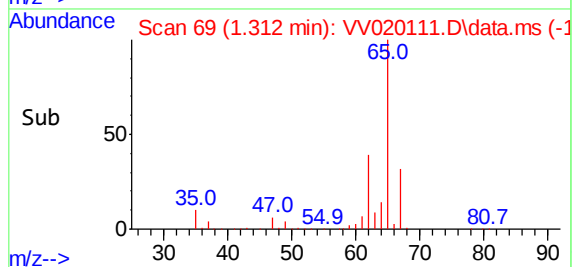
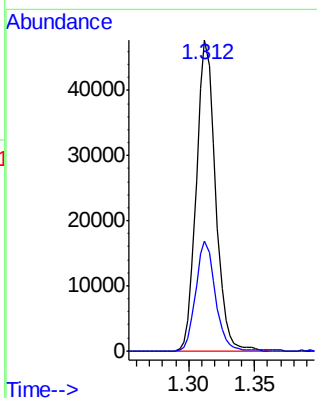
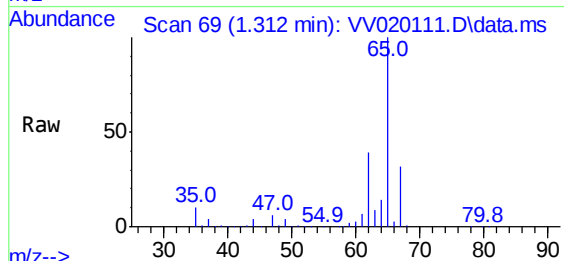


#5
 Vinyl chloride
 Concen: 13.15 ug/L
 RT: 1.312 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VV020111.D
 Acq: 21 Jan 2021 16:07

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E28

Tgt Ion: 62 Resp: 47973

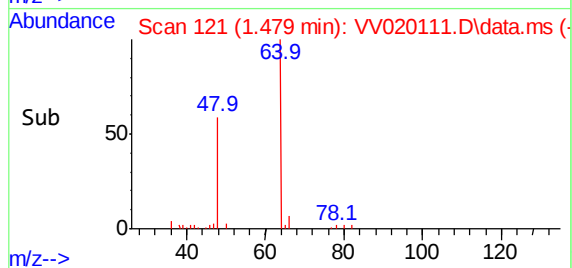
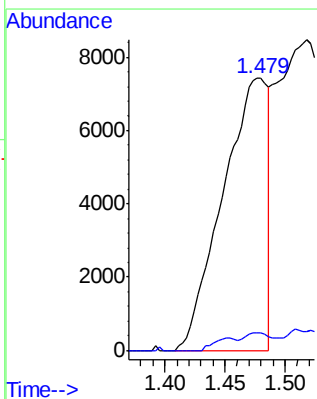
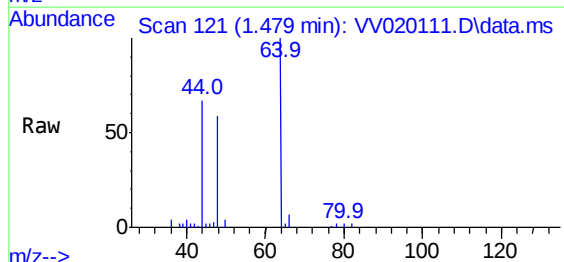
Ion	Ratio	Lower	Upper
62	100		
64	35.4	23.0	42.6

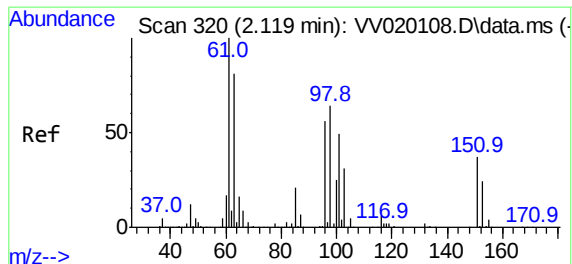


#8
 Chloroethane
 Concen: 8.25 ug/L
 RT: 1.479 min Scan# 121
 Delta R.T. -0.106 min
 Lab File: VV020111.D
 Acq: 21 Jan 2021 16:07

Tgt Ion: 64 Resp: 19299

Ion	Ratio	Lower	Upper
64	100		
66	6.6	22.4	41.6

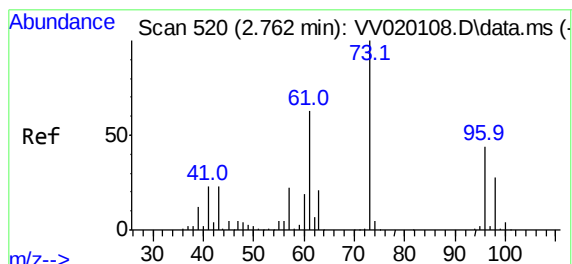
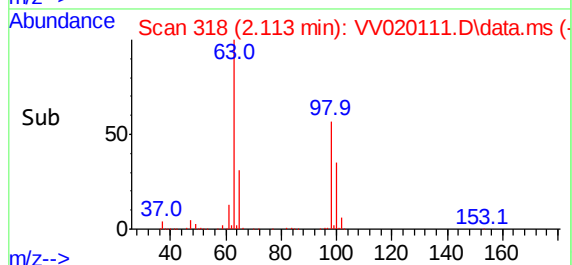
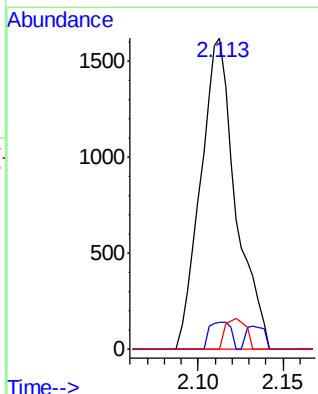
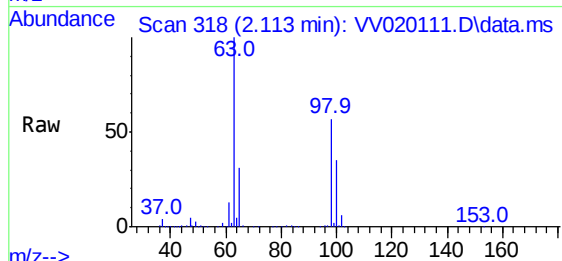




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.78 ug/L
RT: 2.113 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

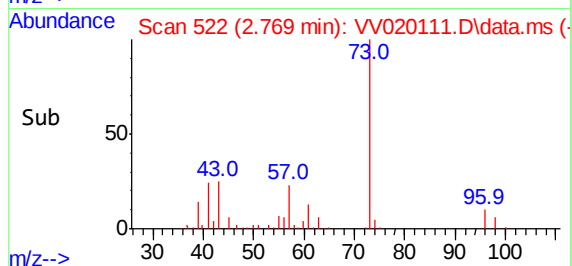
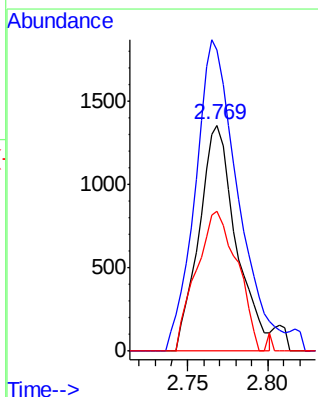
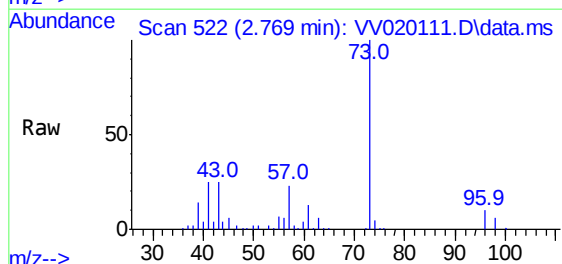
Instrument :
MSVOA_V
ClientSampleId :
F1E28

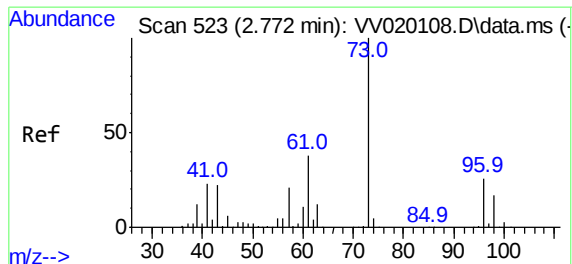
Tgt Ion:101 Resp: 2317
Ion Ratio Lower Upper
101 100
85 5.4 35.3 52.9#
151 0.0 53.6 80.4#



#17
trans-1,2-Dichloroethene
Concen: 0.75 ug/L
RT: 2.769 min Scan# 522
Delta R.T. 0.006 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Tgt Ion: 96 Resp: 2117
Ion Ratio Lower Upper
96 100
61 133.2 103.1 191.5
98 61.8 43.1 80.1



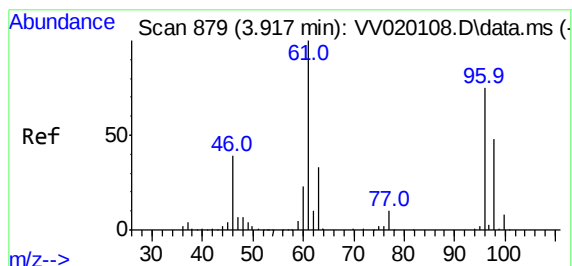
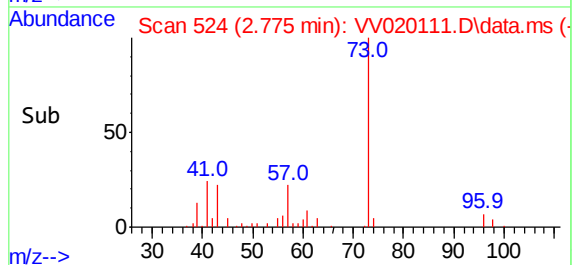
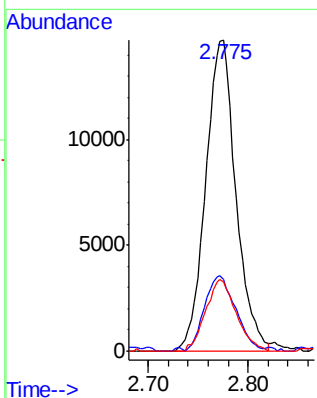
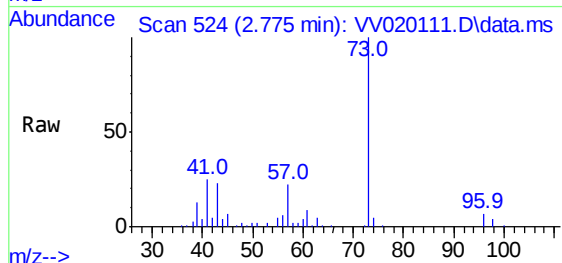


#18
Methyl tert-butyl Ether
Concen: 3.35 ug/L
RT: 2.775 min Scan# 524
Delta R.T. 0.003 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Instrument :
MSVOA_V
ClientSampleId :
F1E28

Tgt Ion: 73 Resp: 30812

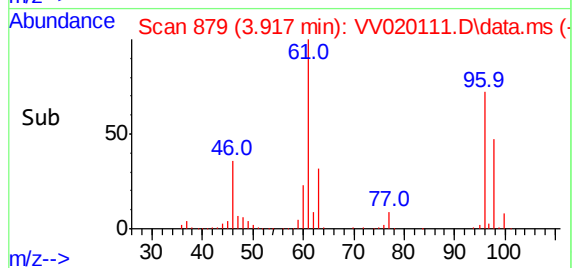
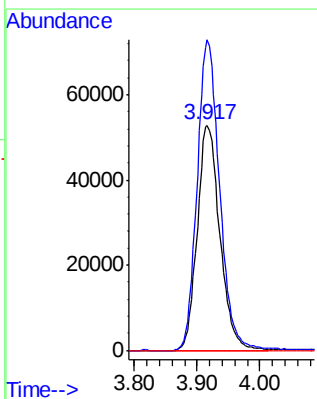
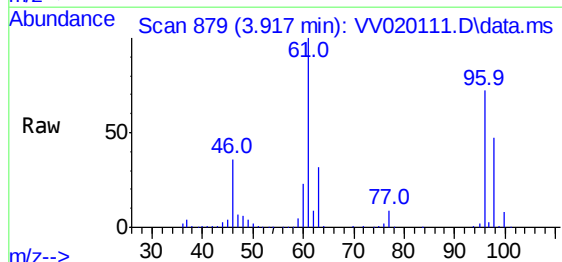
Ion	Ratio	Lower	Upper
73	100		
43	24.8	17.3	25.9
57	23.1	17.9	26.9

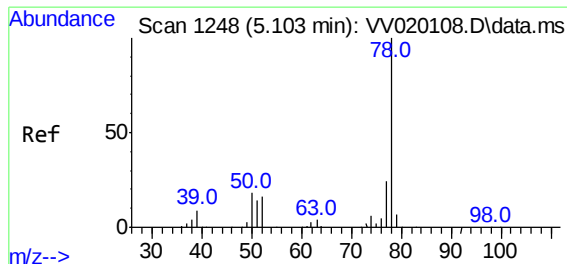


#20
cis-1,2-Dichloroethene
Concen: 43.26 ug/L
RT: 3.917 min Scan# 879
Delta R.T. 0.000 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Tgt Ion: 96 Resp: 131766

Ion	Ratio	Lower	Upper
96	100		
61	138.0	96.9	179.9
68	0.0	0.0	0.0

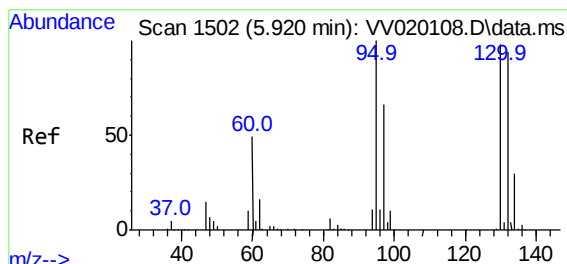
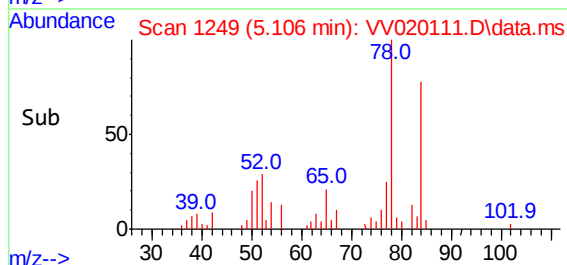
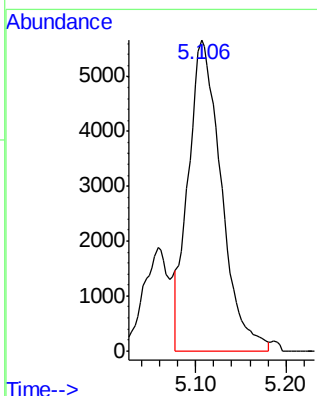
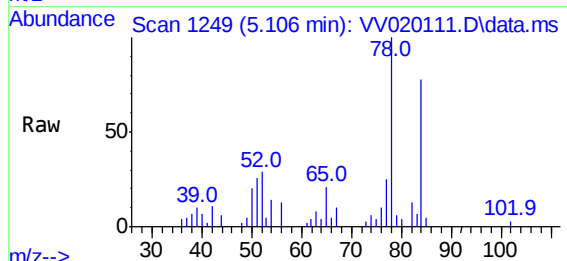




#33
Benzene
Concen: 1.01 ug/L
RT: 5.106 min Scan# 1249
Delta R.T. 0.003 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Instrument :
MSVOA_V
ClientSampled :
F1E28

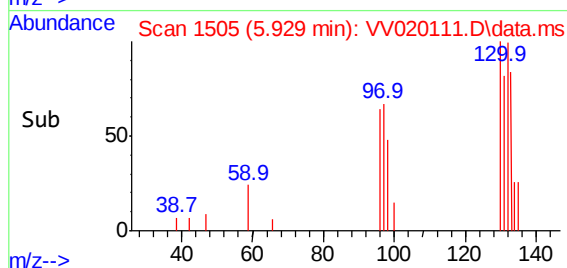
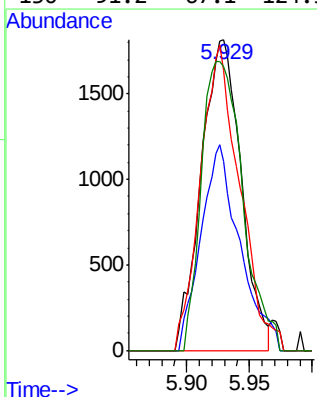
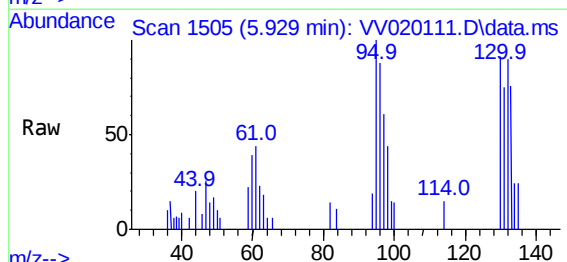
Tgt Ion: 78 Resp: 14327

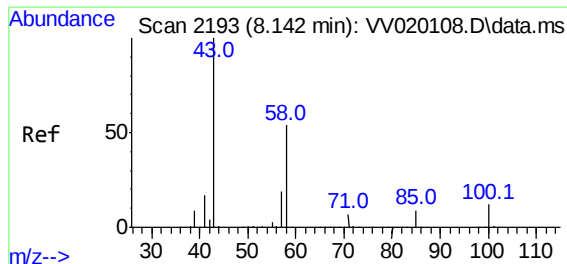


#34
Trichloroethene
Concen: 0.99 ug/L
RT: 5.929 min Scan# 1505
Delta R.T. 0.010 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Tgt Ion: 95 Resp: 3990

Ion	Ratio	Lower	Upper
95	100		
97	61.0	44.5	82.7
132	90.1	63.4	117.8
130	91.2	67.1	124.5





#48
2-Hexanone
Concen: 3.09 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020111.D
Acq: 21 Jan 2021 16:07

Instrument :
MSVOA_V
ClientSampleId :
F1E28

Tgt Ion: 43 Resp: 13288

Ion	Ratio	Lower	Upper
43	100		
58	49.1	41.8	62.6
57	19.4	15.0	22.4
100	5.1	8.9	13.3

