

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033120\
 Data File : VV015310.D
 Acq On : 31 Mar 2020 13:47
 Operator : SY/MD
 Sample : L1975-22RE
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 01 01:25:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 01 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	519337	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	514265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	227179	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192214	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.52%
7) Chloroethane-d5	1.58	69	189236	53.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.12	63	310338	38.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.00%
21) 2-Butanone-d5	3.93	46	295147	119.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.19%
24) Chloroform-d	4.38	84	355634	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.48%
26) 1,2-Dichloroethane-d4	5.06	65	248548	55.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.72%
32) Benzene-d6	5.08	84	707701	52.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.44%
36) 1,2-Dichloropropane-d6	6.10	67	225792	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.34	98	677004	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%
43) trans-1,3-Dichloropropene-	7.64	79	116047	50.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.52%
47) 2-Hexanone-d5	8.11	63	237073	120.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	333349	53.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	241136	53.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.66%

Target Compounds

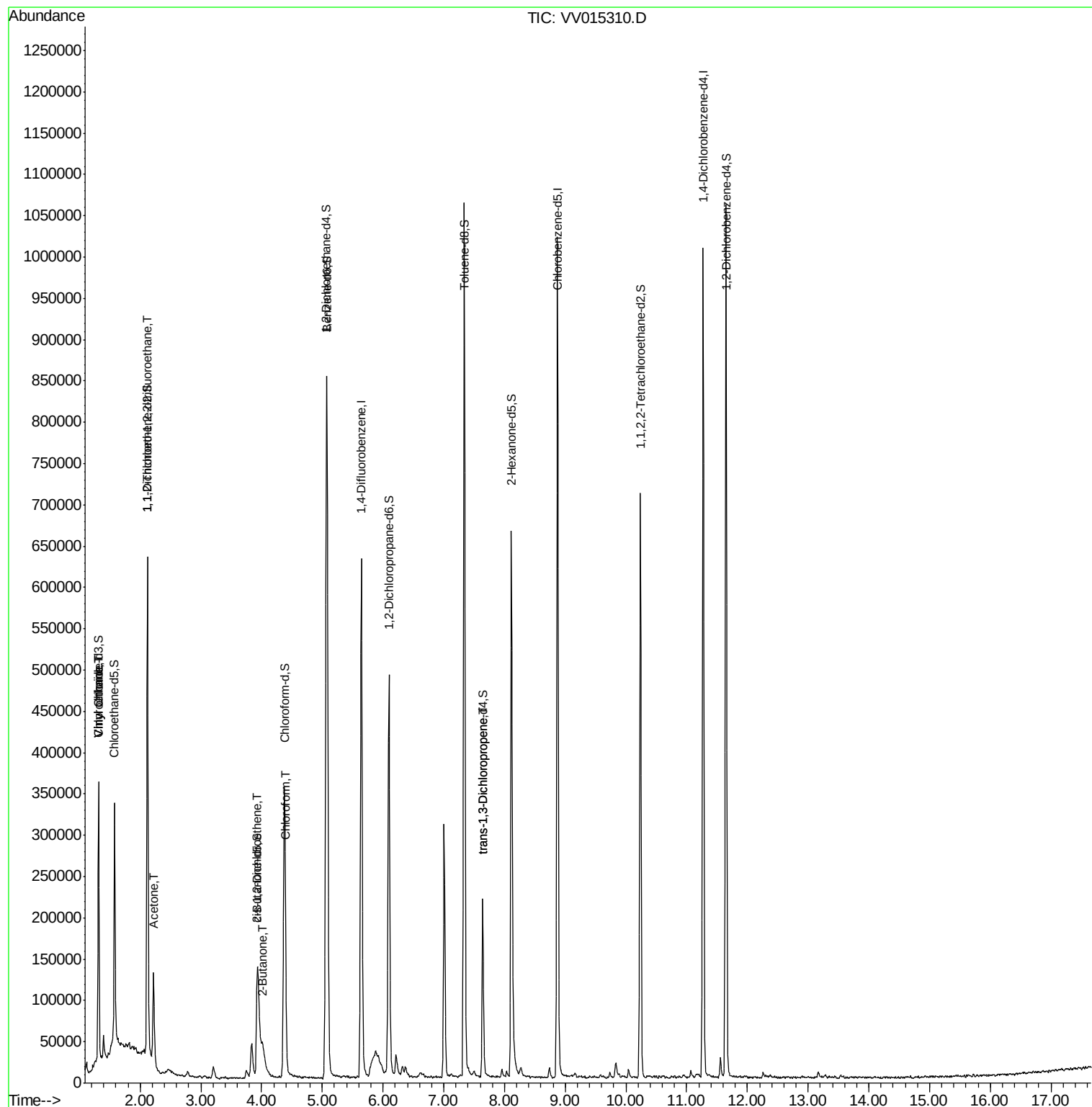
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	19512	4.458	ug/L #	51
8) Chloroethane	1.32	64	10946	3.626	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	3380	0.852	ug/L #	22
13) Acetone	2.22	43	65164	38.562	ug/L	66
20) cis-1,2-Dichloroethene	3.94	96	4638	1.282	ug/L #	89
22) 2-Butanone	4.02	43	64063	26.006	ug/L	97
25) Chloroform	4.40	83	6687	1.044	ug/L	88
44) trans-1,3-Dichloropropene	7.64	75	6298	1.096	ug/L	83

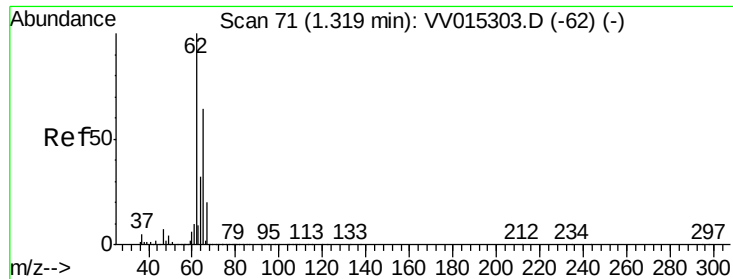
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 01 01:17:34 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.458 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015310.D

Acq: 31 Mar 2020 13:47

Instrument :

MSVOA_V

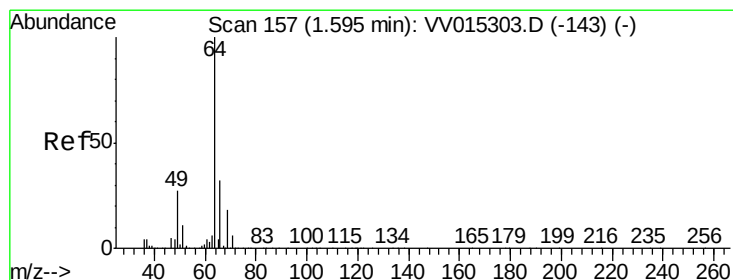
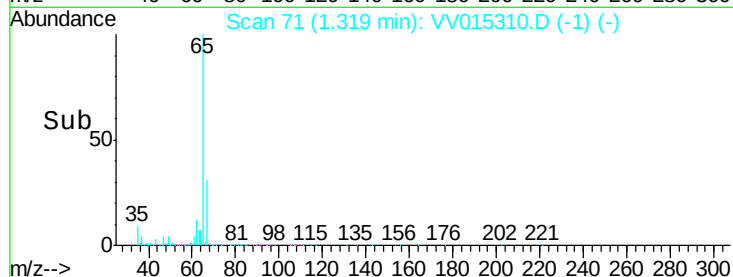
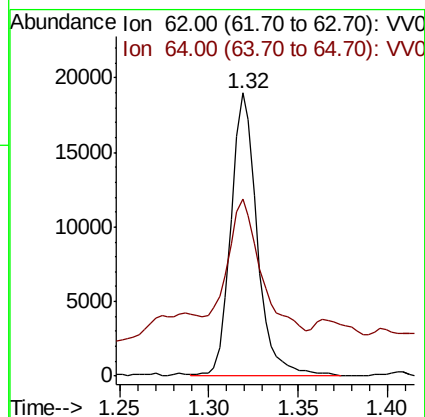
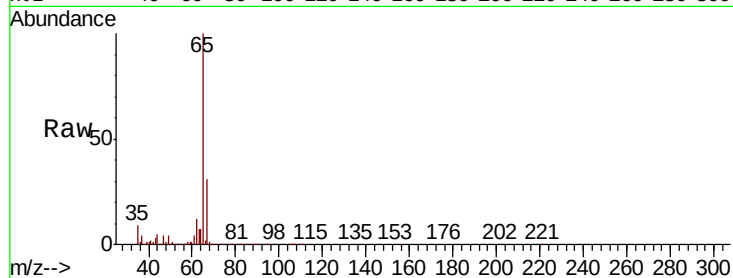
ClientSampleId :

Tot Ion: 62 Resp: 19512

Ion Ratio Lower Upper

62 100

64 62.4 23.9 44.3#



#8

Chloroethane

Concen: 3.626 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV015310.D

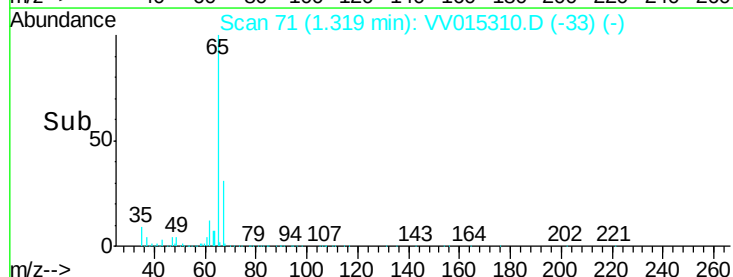
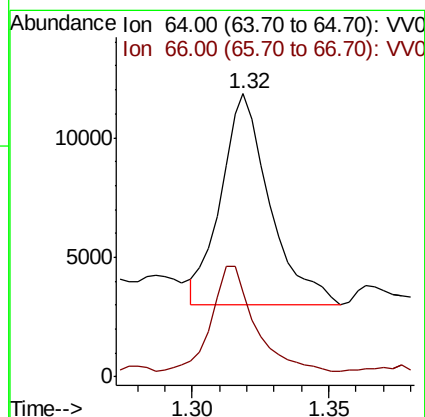
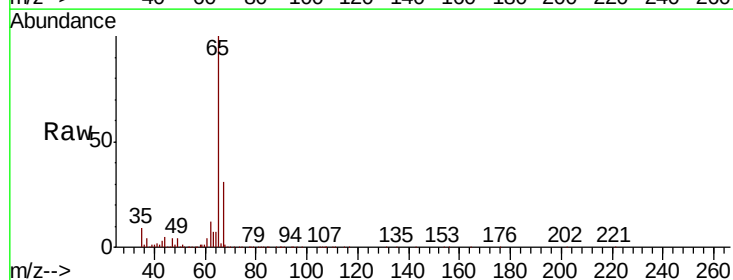
Acq: 31 Mar 2020 13:47

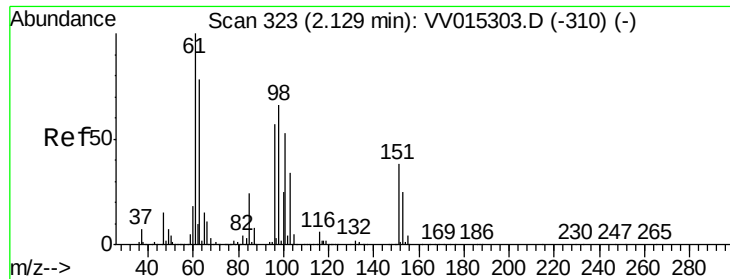
Tgt Ion: 64 Resp: 10946

Ion Ratio Lower Upper

64 100

66 30.1 21.5 39.9





#10

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

Concen: 0.852 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015310.D

Acq: 31 Mar 2020 13:47

Instrument :

MSVOA_V

ClientSampleId :

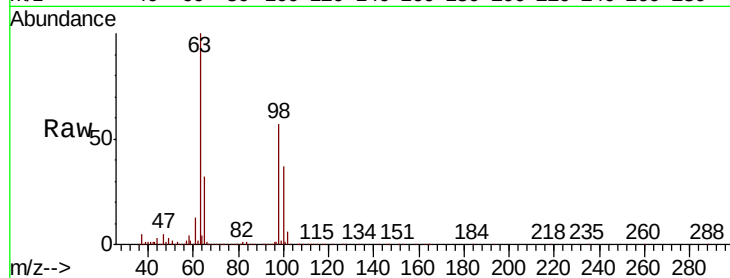
Tot Ion:101 Resp: 3380

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

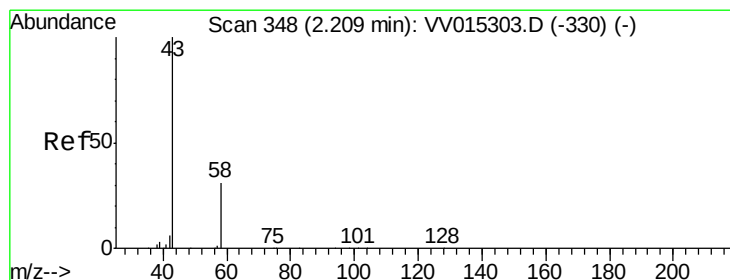
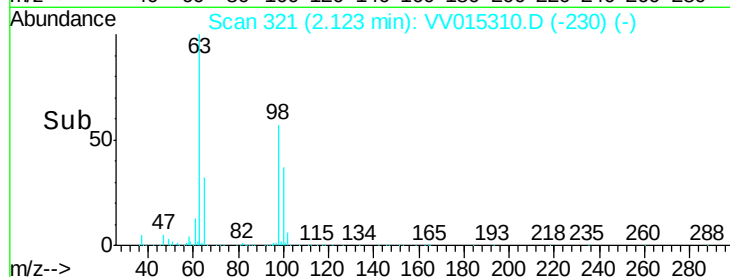
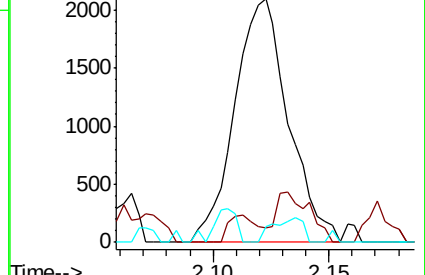
151 2.5 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 38.562 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV015310.D

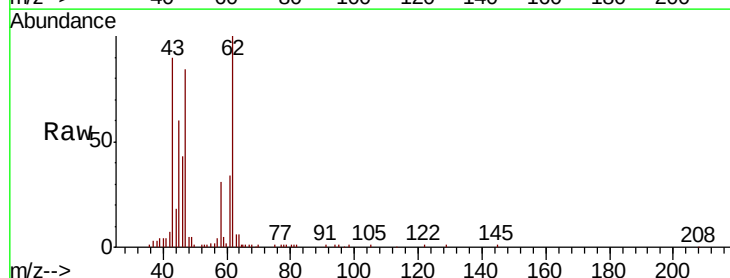
Acq: 31 Mar 2020 13:47

Tgt Ion: 43 Resp: 65164

Ion Ratio Lower Upper

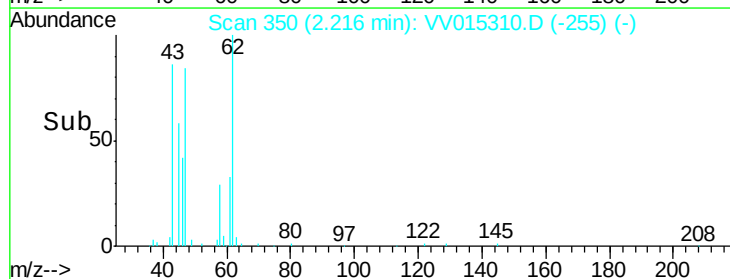
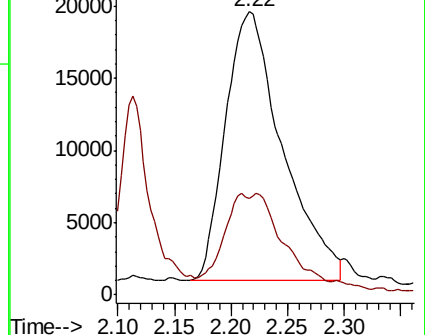
43 100

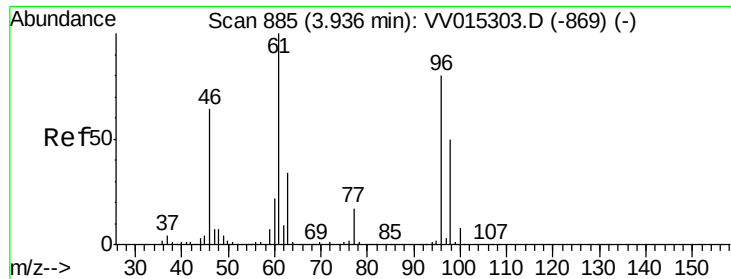
58 13.1 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

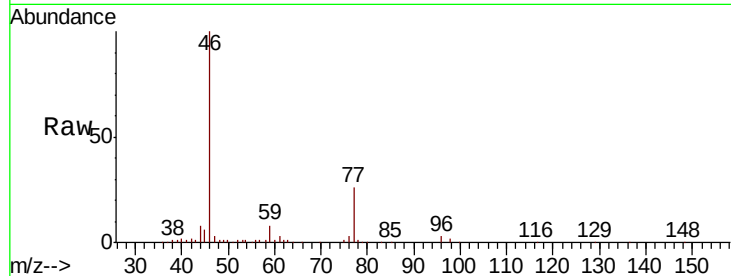




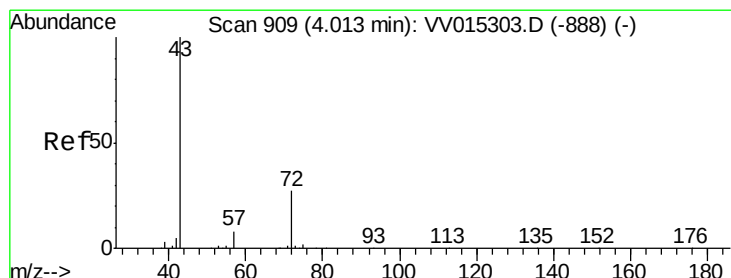
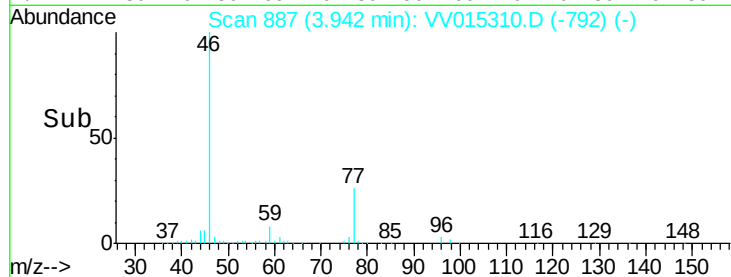
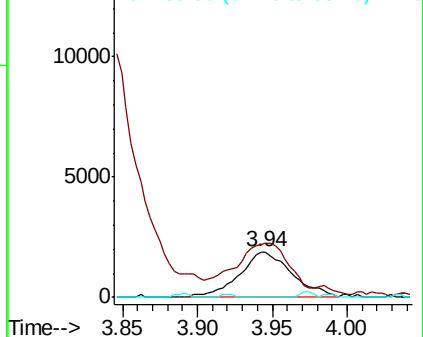
#20
 cis-1,2-Dichloroethene
 Concen: 1.282 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV015310.D
 Acq: 31 Mar 2020 13:47

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 4638
 Ion Ratio Lower Upper
 96 100
 61 115.7 90.2 167.6
 68 0.0 0.1 0.1#

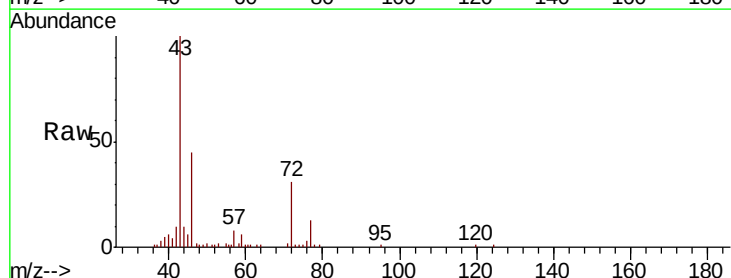


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0

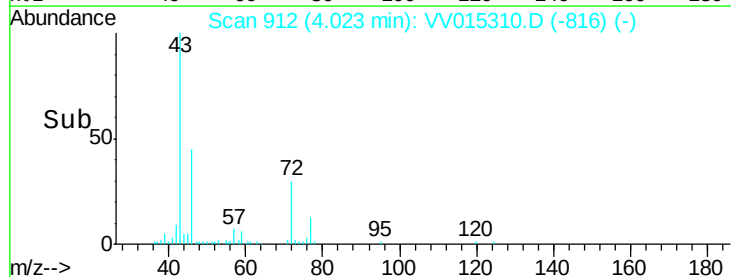
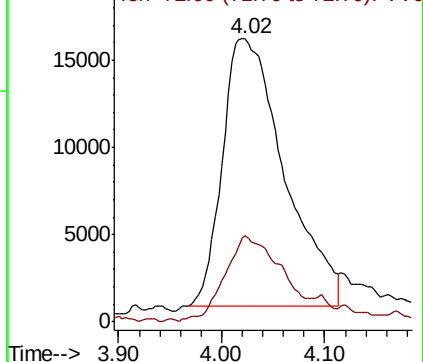


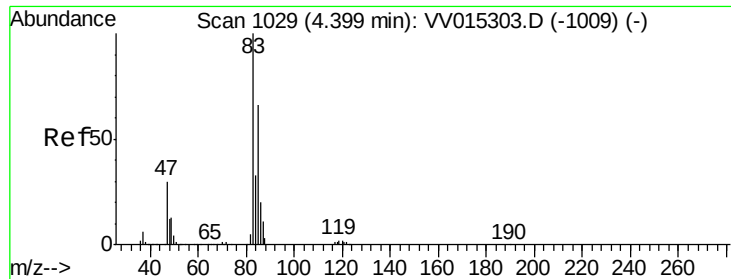
#22
 2-Butanone
 Concen: 26.006 ug/L
 RT: 4.02 min Scan# 912
 Delta R.T. 0.01 min
 Lab File: VV015310.D
 Acq: 31 Mar 2020 13:47

Tgt Ion: 43 Resp: 64063
 Ion Ratio Lower Upper
 43 100
 72 26.4 12.4 37.0



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 72.00 (71.70 to 72.70): VV0

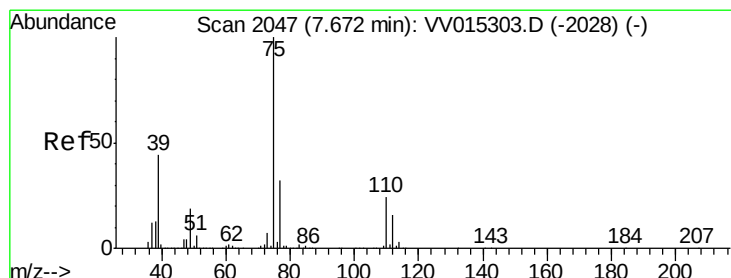
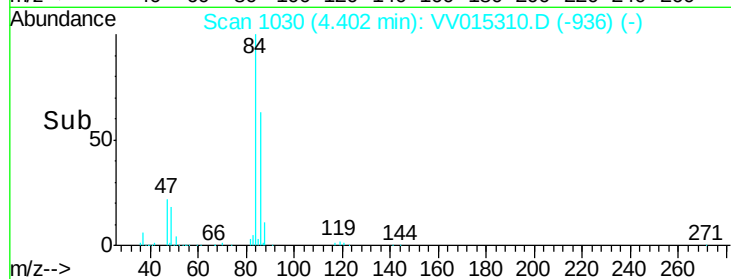
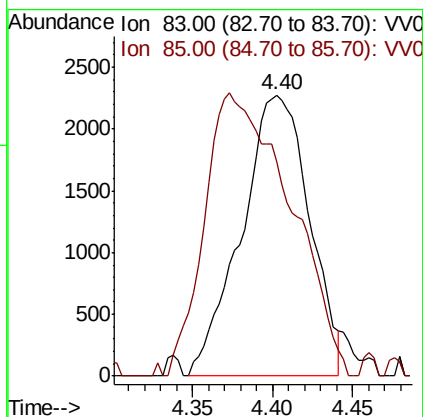
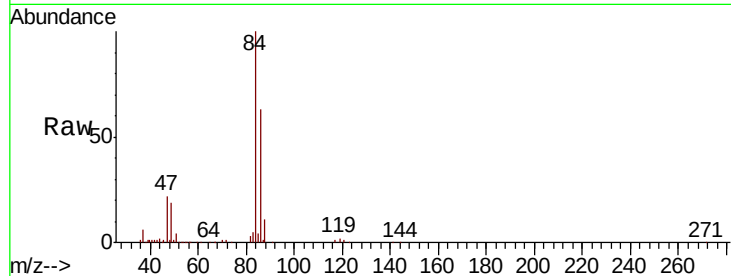




#25
Chloroform
Concen: 1.044 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015310.D
Acq: 31 Mar 2020 13:47

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 83 Resp: 6687
Ion Ratio Lower Upper
83 100
85 76.2 46.6 86.6



#44
trans-1,3-Dichloropropene
Concen: 1.096 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015310.D
Acq: 31 Mar 2020 13:47

Tgt Ion: 75 Resp: 6298
Ion Ratio Lower Upper
75 100
77 40.4 21.8 40.4

