

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015279.D
 Acq On : 30 Mar 2020 18:06
 Operator : SY/MD
 Sample : L1976-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 02:21:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 31 02:12:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	579067	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	559709	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	248223	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111719	26.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	52.92%#
7) Chloroethane-d5	1.58	69	118761	30.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.46%#
11) 1,1-Dichloroethene-d2	2.12	63	184655	20.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.56%#
21) 2-Butanone-d5	3.78	46	220	0.08	ug/L	-0.16
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.08%#
24) Chloroform-d	4.38	84	263431	34.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	69.40%#
26) 1,2-Dichloroethane-d4	5.06	65	175037	35.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.56%
32) Benzene-d6	5.08	84	473243	32.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.78%#
36) 1,2-Dichloropropane-d6	6.10	67	167417	36.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	73.28%
41) Toluene-d8	7.34	98	434069	30.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	61.42%#
43) trans-1,3-Dichloropropene-	7.64	79	74121	29.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.58%#
47) 2-Hexanone-d5	8.11	63	184057	85.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.87%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	262014	38.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.72%
64) 1,2-Dichlorobenzene-d4	11.65	152	174881	35.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.80%#

Target Compounds

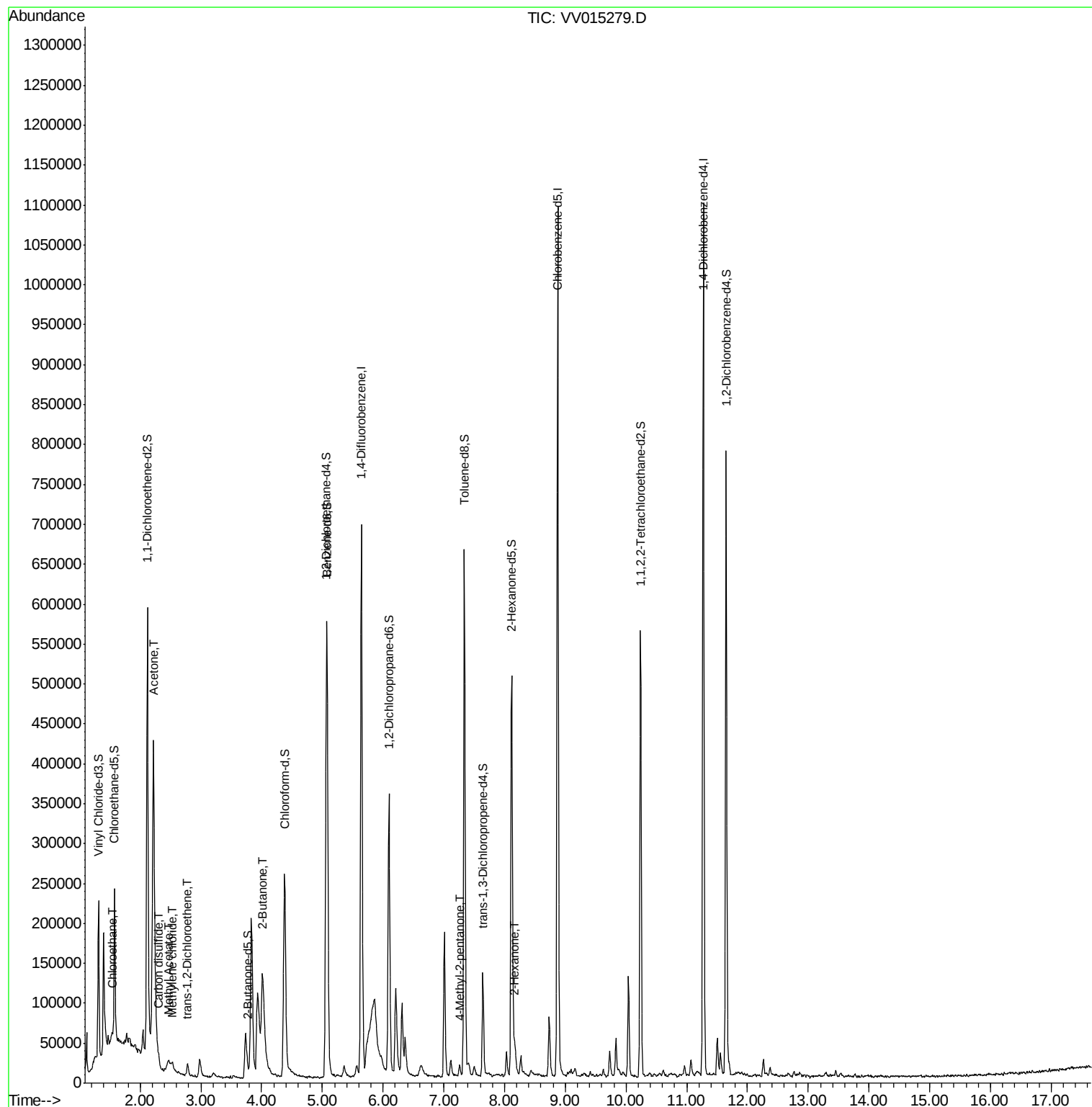
					Ovalue
8) Chloroethane	1.54	64	42268	12.559	ug/L # 56
13) Acetone	2.21	43	547344	290.493	ug/L 92
14) Carbon disulfide	2.31	76	6084	0.584	ug/L # 74
15) Methyl Acetate	2.46	43	12865	3.400	ug/L 92
16) Methylene chloride	2.53	84	3226	0.805	ug/L 93
17) trans-1,2-Dichloroethene	2.78	96	4965	1.383	ug/L 88
22) 2-Butanone	4.01	43	283088	103.066	ug/L 99
40) 4-Methyl-2-pentanone	7.26	43	9838	1.756	ug/L # 94
48) 2-Hexanone	8.17	43	20766	4.831	ug/L # 92

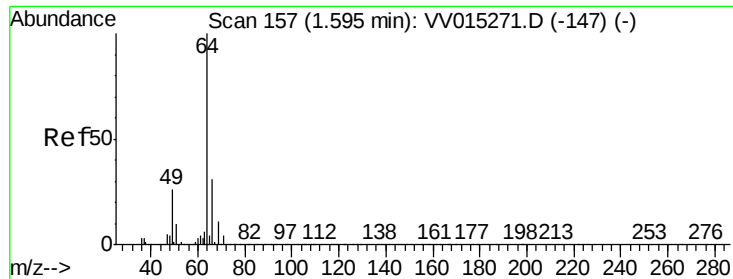
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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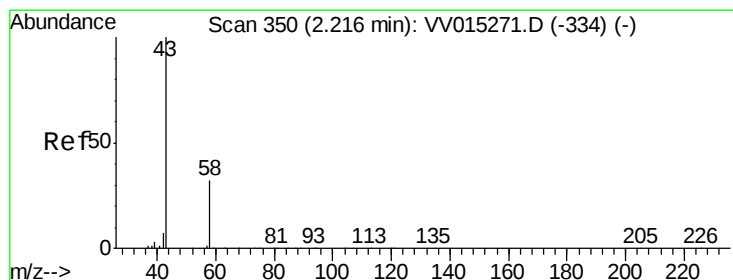
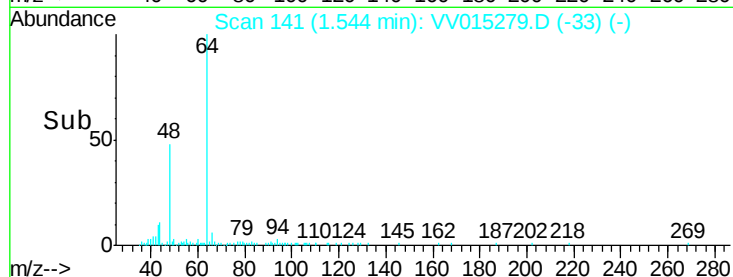
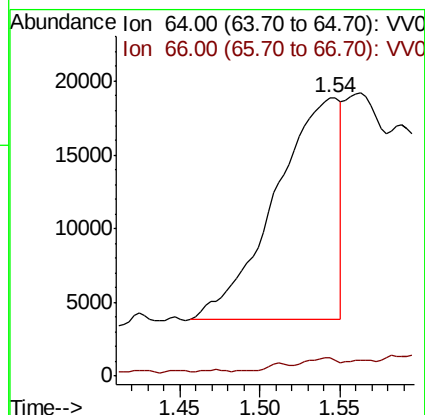
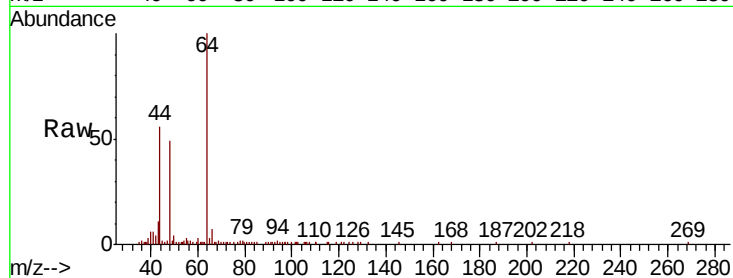




#8
Chloroethane
Concen: 12.559 ug/L
RT: 1.54 min Scan# 141
Delta R.T. -0.05 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

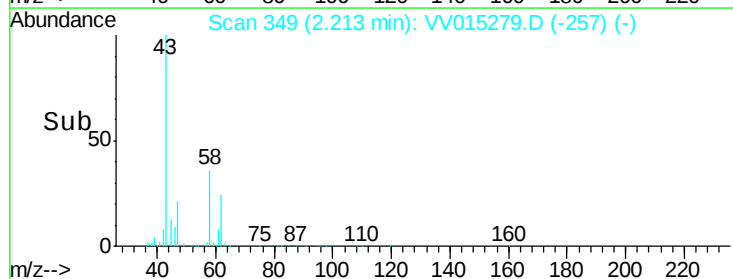
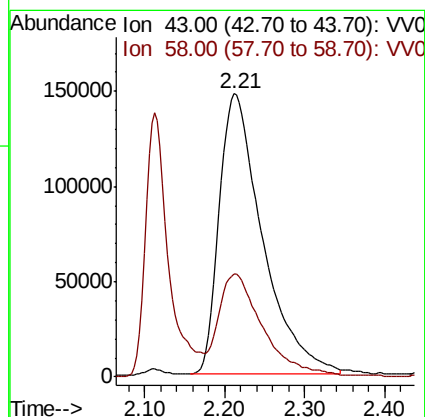
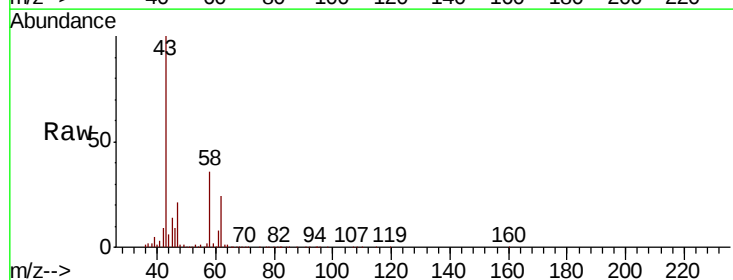
Instrument :
MSVOA_V
ClientSampled :

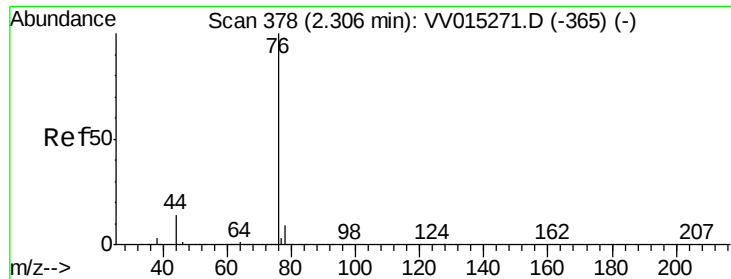
Tot Ion: 64 Resp: 42268
Ion Ratio Lower Upper
64 100
66 6.5 21.5 39.9#



#13
Acetone
Concen: 290.493 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 547344
Ion Ratio Lower Upper
43 100
58 36.4 0.0 63.6





#14

Carbon disulfide

Concen: 0.584 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV015279.D

Acq: 30 Mar 2020 18:06

Instrument :

MSVOA_V

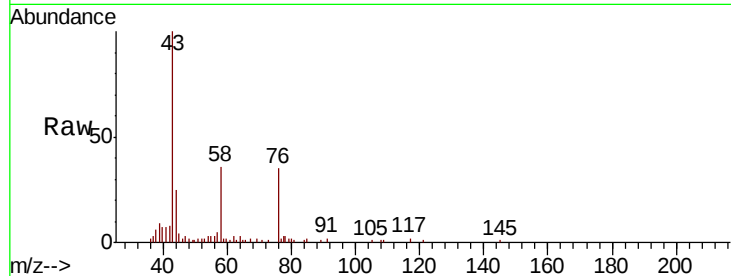
ClientSampleId :

Tot Ion: 76 Resp: 6084

Ion Ratio Lower Upper

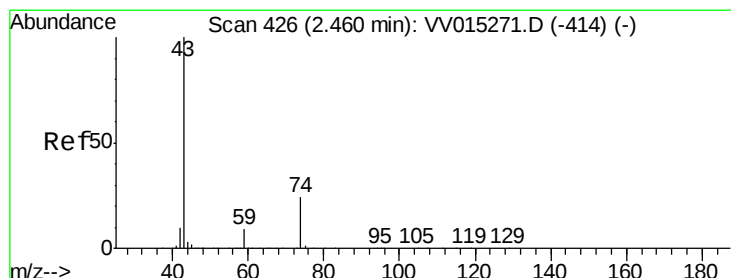
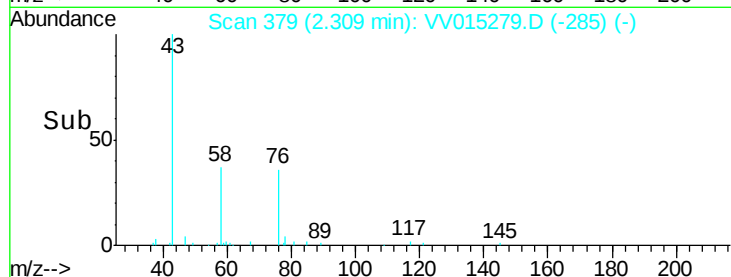
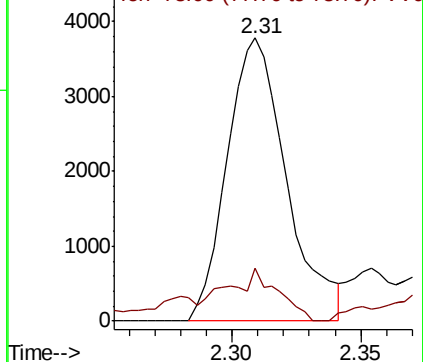
76 100

78 18.8 7.4 11.0#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 3.400 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV015279.D

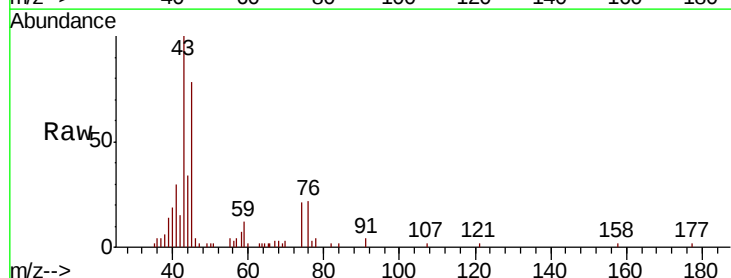
Acq: 30 Mar 2020 18:06

Tgt Ion: 43 Resp: 12865

Ion Ratio Lower Upper

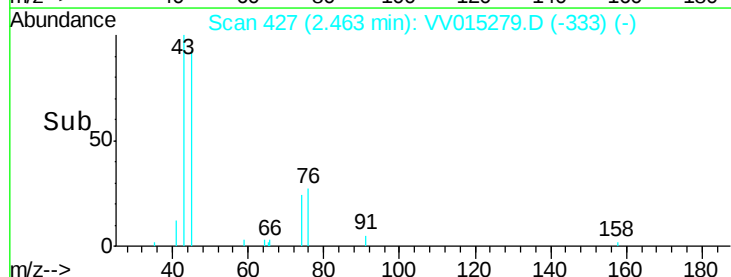
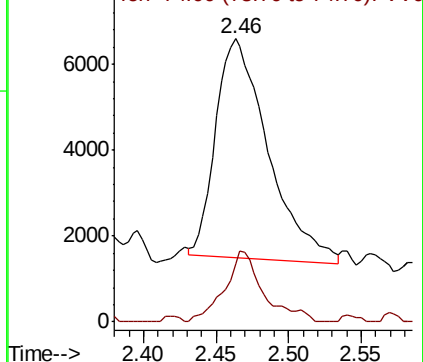
43 100

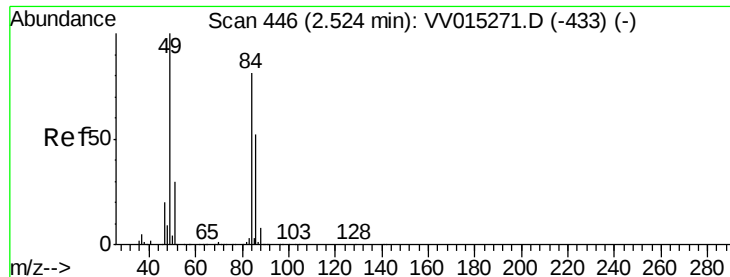
74 21.2 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

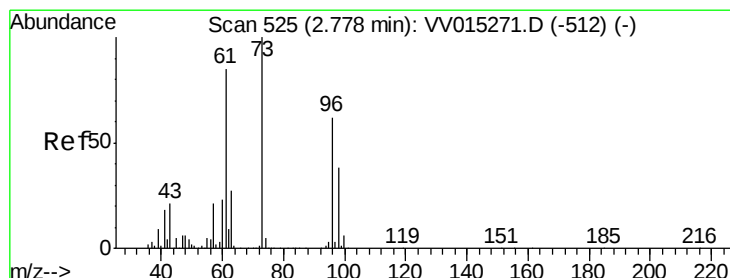
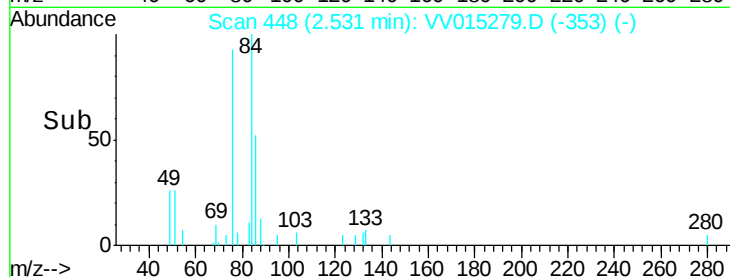
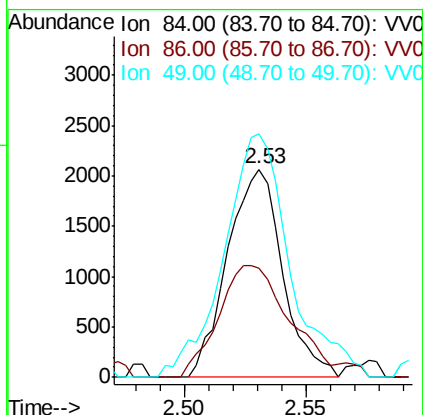
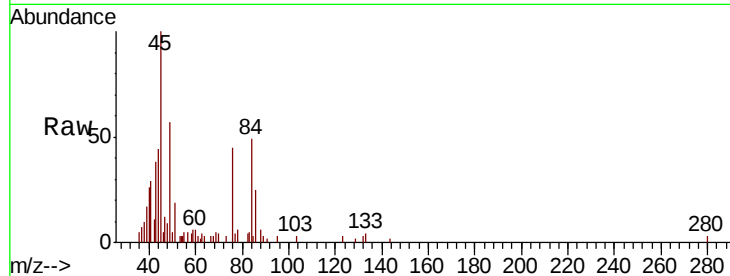




#16
Methvlene chloride
Concen: 0.805 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.01 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

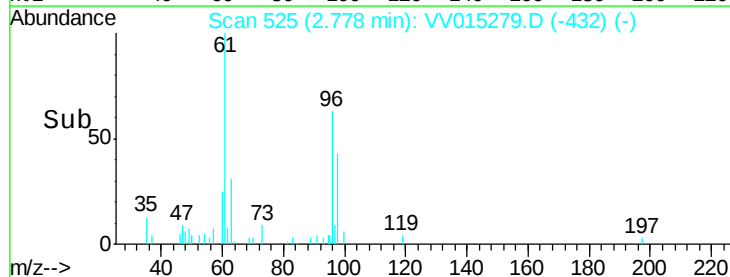
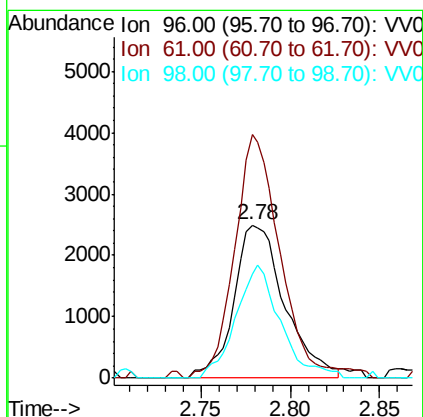
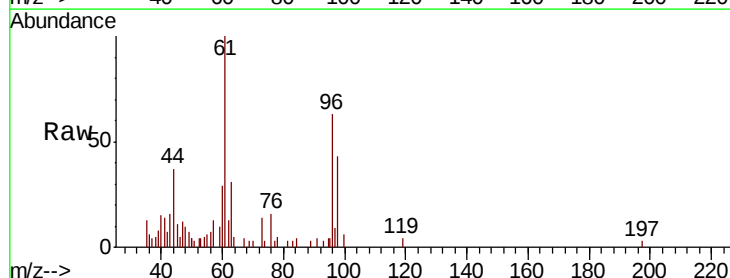
Instrument :
MSVOA_V
ClientSampleId :

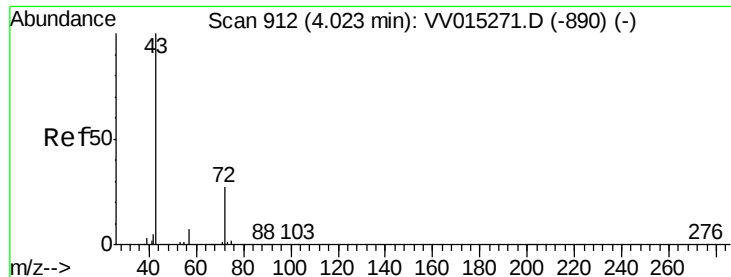
Tot Ion: 84 Resp: 3226
Ion Ratio Lower Upper
84 100
86 52.2 45.5 84.5
49 117.0 83.7 155.4



#17
trans-1,2-Dichloroethene
Concen: 1.383 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015279.D
Acq: 30 Mar 2020 18:06

Tgt Ion: 96 Resp: 4965
Ion Ratio Lower Upper
96 100
61 159.3 98.5 182.9
98 67.9 45.5 84.5





#22

2-Butanone

Concen: 103.066 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.01 min

Lab File: VV015279.D

Acq: 30 Mar 2020 18:06

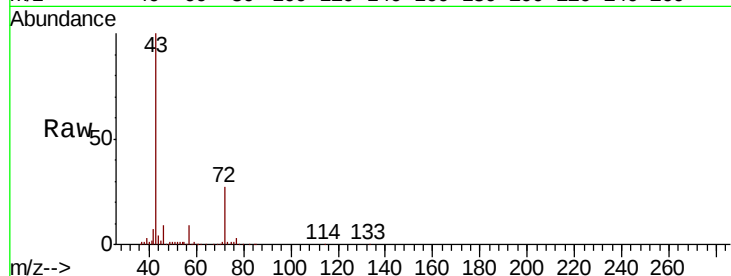
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 283088

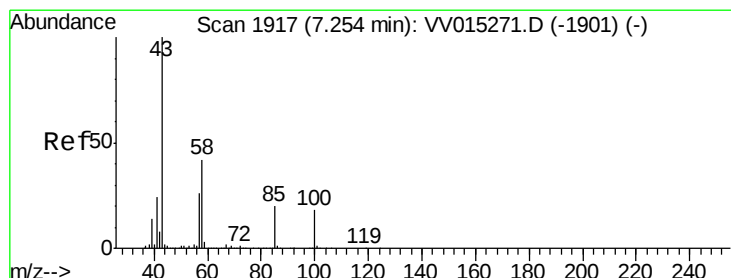
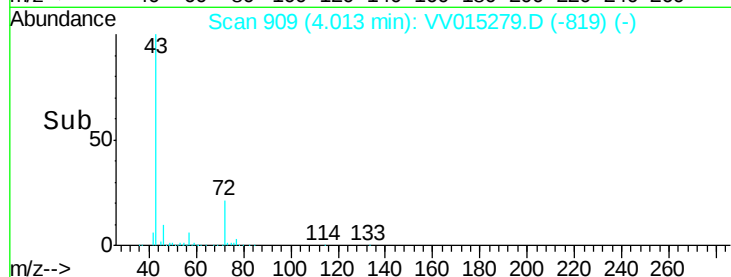
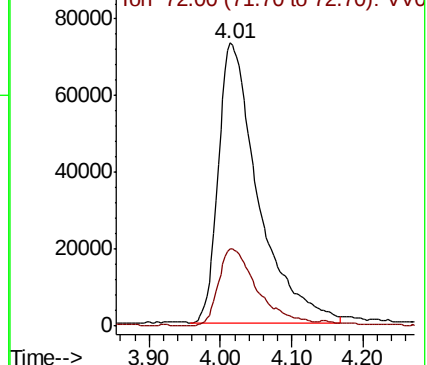
Ion Ratio Lower Upper

43 100

72 24.2 12.4 37.0



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



#40

4-Methyl-2-pentanone

Concen: 1.756 ug/L

RT: 7.26 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VV015279.D

Acq: 30 Mar 2020 18:06

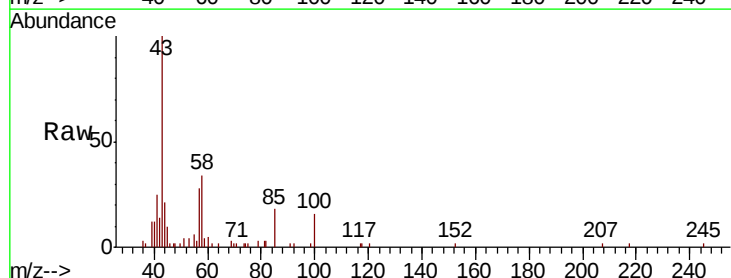
Tgt Ion: 43 Resp: 9838

Ion Ratio Lower Upper

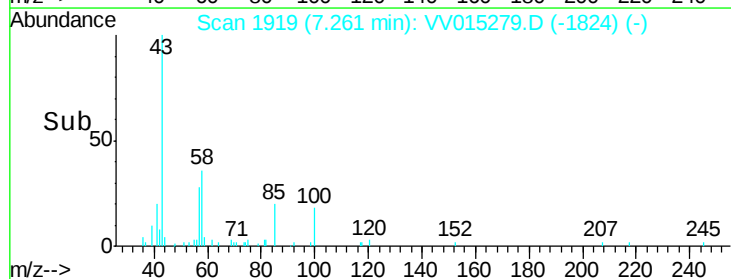
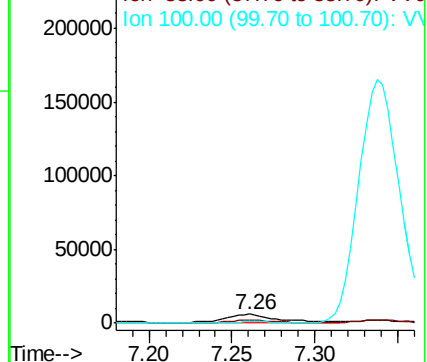
43 100

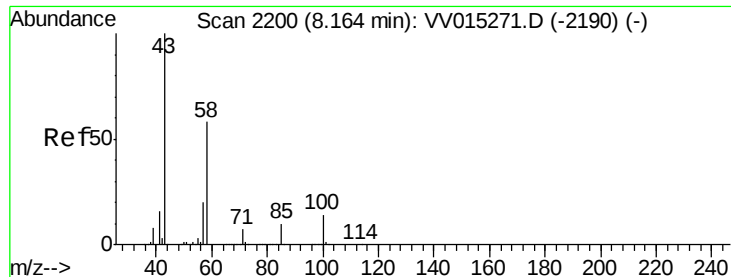
58 42.4 32.9 49.3

100 11.3 13.9 20.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 100.00 (99.70 to 100.70): VV0





#48

2-Hexanone

Concen: 4.831 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015279.D

Acq: 30 Mar 2020 18:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20766

Ion Ratio Lower Upper

43 100

58 52.9 47.0 70.6

57 21.4 16.2 24.2

100 6.0 11.0 16.6#

