

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012820\
 Data File : VV014419.D
 Acq On : 28 Jan 2020 15:02
 Operator : SY/MD
 Sample : L1253-08DL 20X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 05:28:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jan 29 05:25:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	840133	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	770636	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	354606	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	214553	3.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.00%
7) Chloroethane-d5	1.58	69	174586	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.80%
11) 1,1-Dichloroethene-d2	2.13	63	284072	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	3.94	46	693398	49.10	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.20%
24) Chloroform-d	4.39	84	557294	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	269428	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	1177611	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.11	67	376829	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.35	98	1048540	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	133653	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	666217	49.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.78%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	252597	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	345681	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

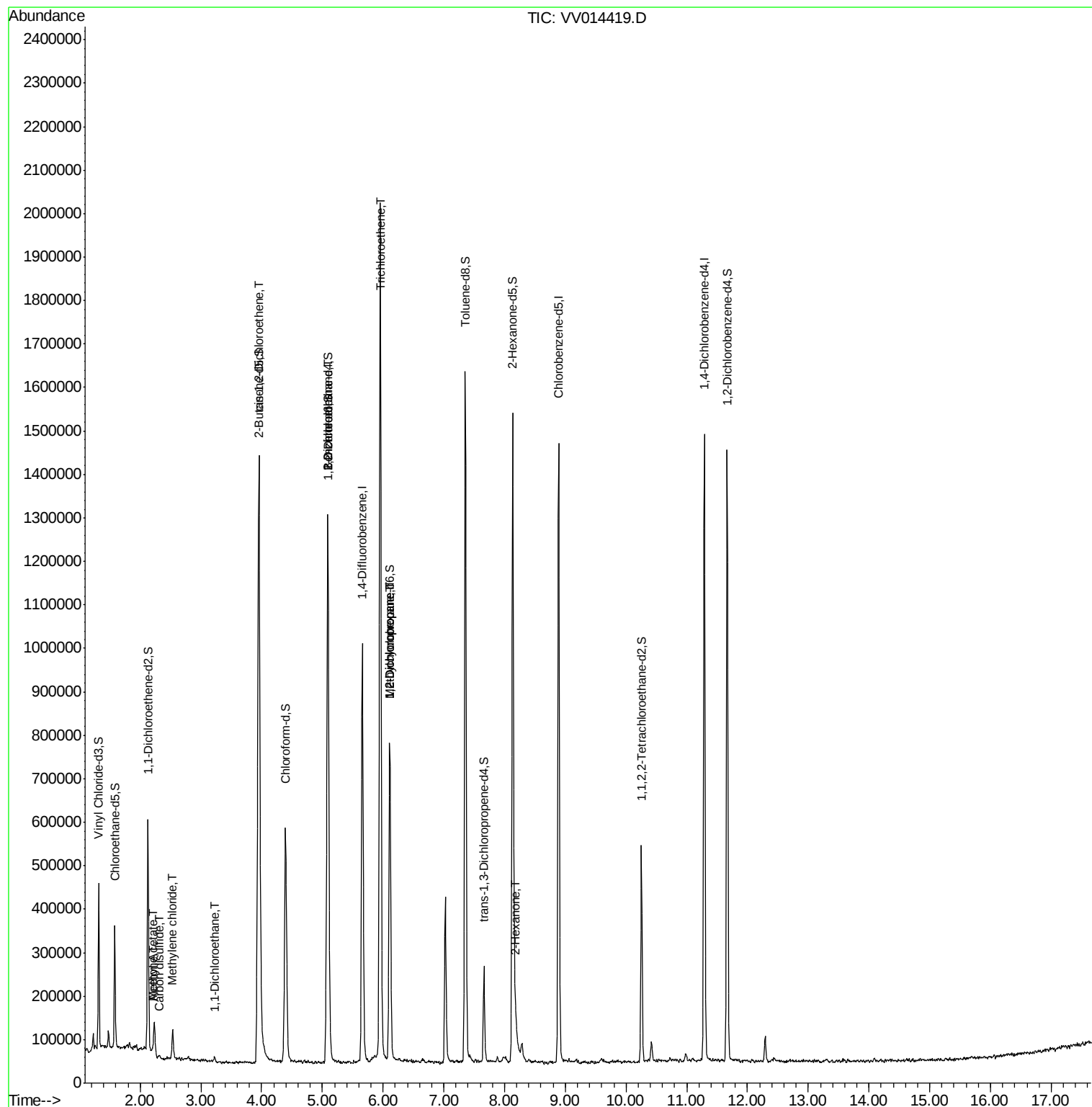
					Ovalue
13) Acetone	2.20	43	26751	2.751	ug/L 91
14) Carbon disulfide	2.32	76	11016	0.066	ug/L # 94
15) Methyl Acetate	2.20	43	26751	1.182	ug/L # 53
16) Methylene chloride	2.54	84	29040	0.475	ug/L 96
19) 1,1-Dichloroethane	3.23	63	9095	0.082	ug/L # 87
22) cis-1,2-Dichloroethene	3.96	96	645939	10.444	ug/L # 98
27) 1,2-Dichloroethane	5.09	62	6699	0.106	ug/L 96
34) Trichloroethene	5.96	95	712790	11.687	ug/L 99
35) Methylcyclohexane	6.11	83	85163	0.854	ug/L # 18
37) 1,2-Dichloropropane	6.11	63	36111	0.603	ug/L # 88
48) 2-Hexanone	8.19	43	20587	0.788	ug/L # 86

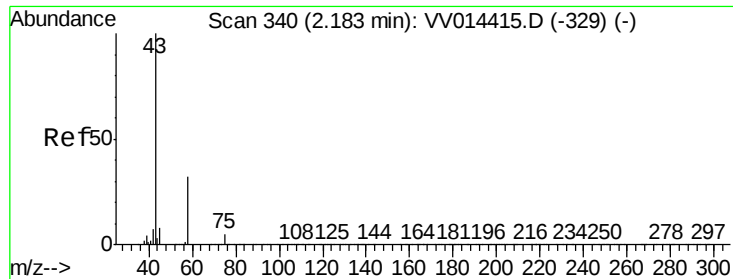
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.751 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV014419.D

Acq: 28 Jan 2020 15:02

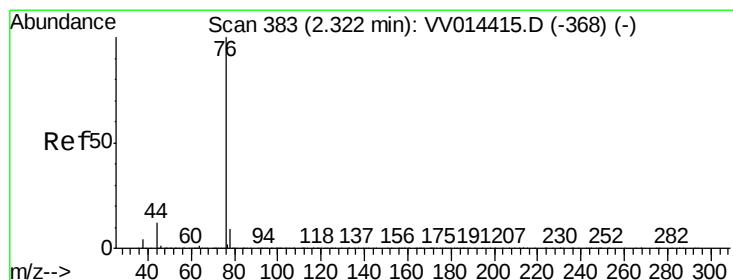
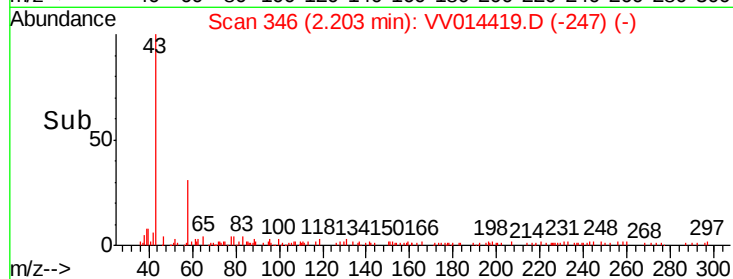
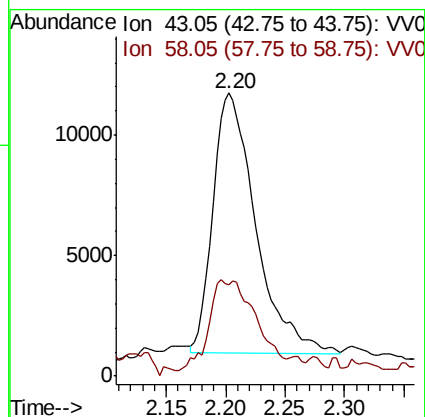
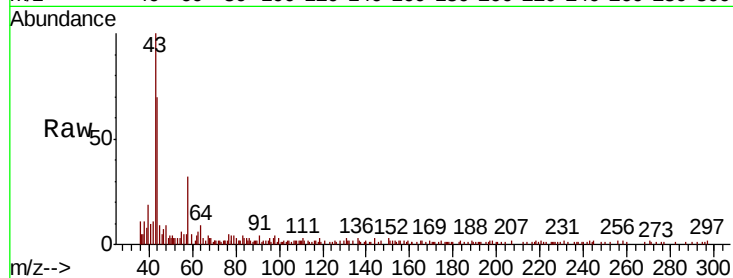
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 26751

Ion Ratio Lower Upper

43 100

58 38.3 0.0 66.0



#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV014419.D

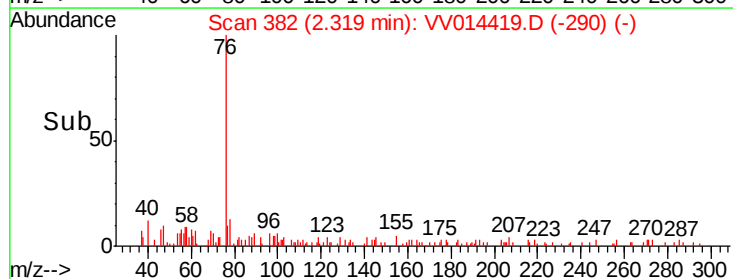
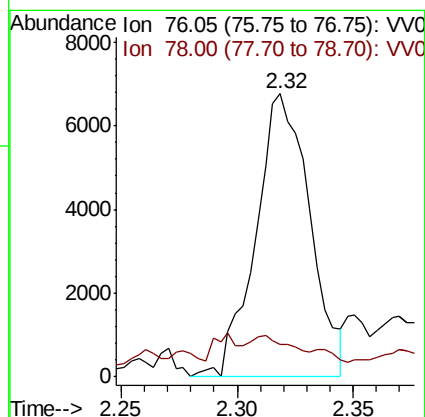
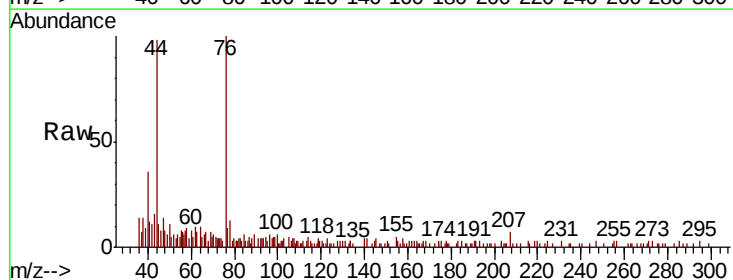
Acq: 28 Jan 2020 15:02

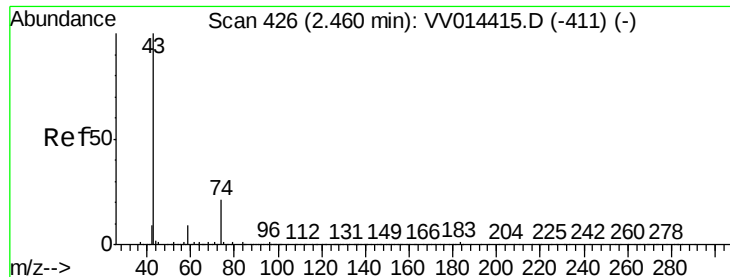
Tgt Ion: 76 Resp: 11016

Ion Ratio Lower Upper

76 100

78 11.7 7.5 11.3#

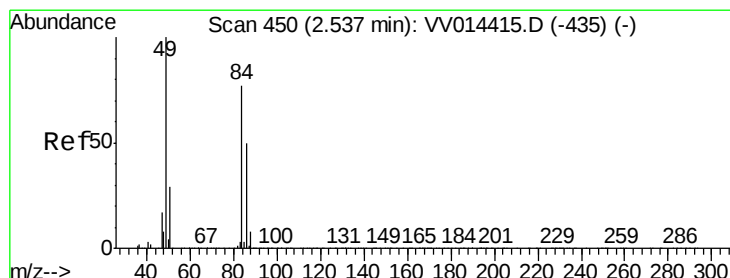
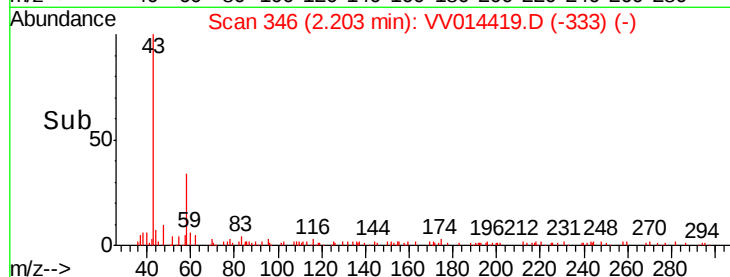
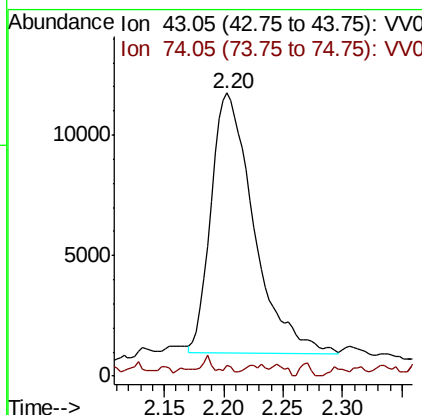
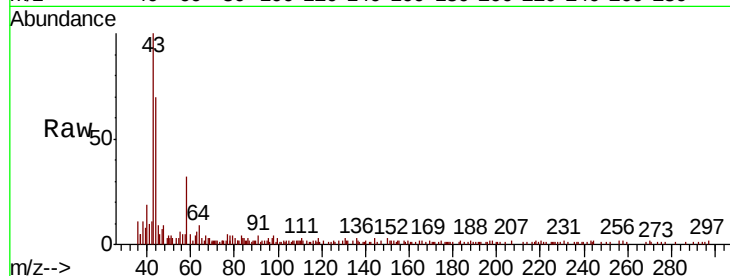




#15
Methvl Acetate
Concen: 1.182 ug/L
RT: 2.20 min Scan# 346
Delta R.T. -0.26 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

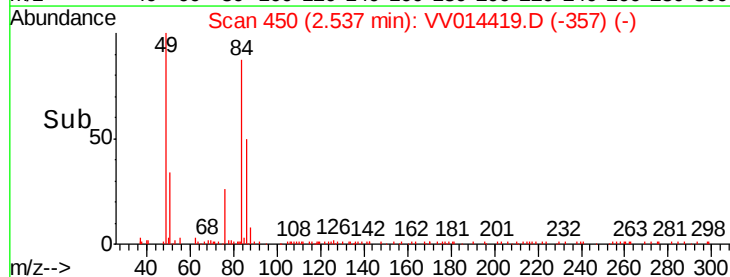
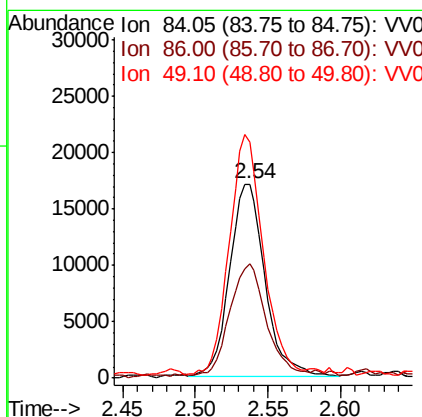
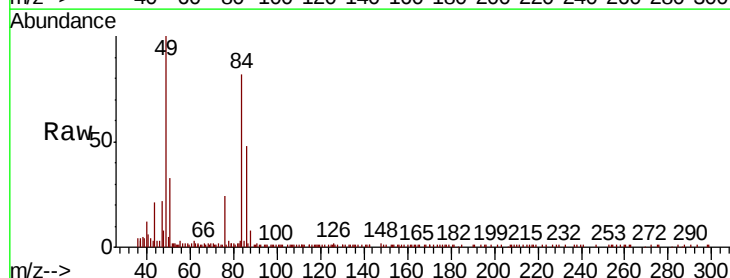
Instrument :
MSVOA_V
ClientSampleId :

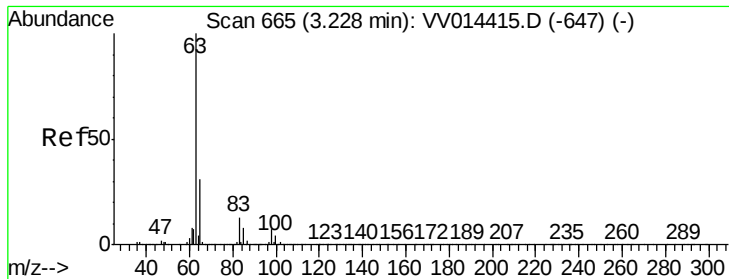
Tot Ion: 43 Resp: 26751
Ion Ratio Lower Upper
43 100
74 0.3 18.6 28.0#



#16
Methylene chloride
Concen: 0.475 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

Tgt Ion: 84 Resp: 29040
Ion Ratio Lower Upper
84 100
86 58.8 43.1 80.1
49 121.3 82.1 152.5

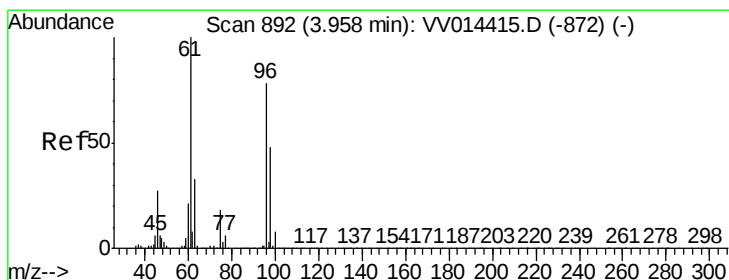
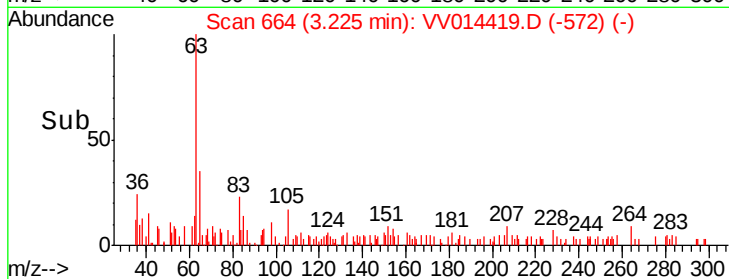
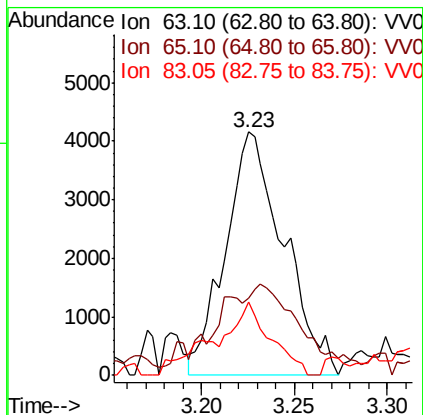
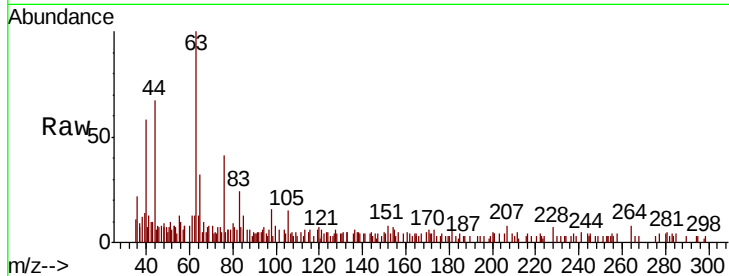




#19
 1,1-Dichloroethane
 Concen: 0.082 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV014419.D
 Acq: 28 Jan 2020 15:02

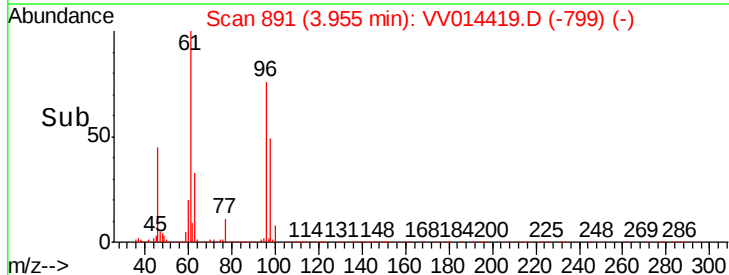
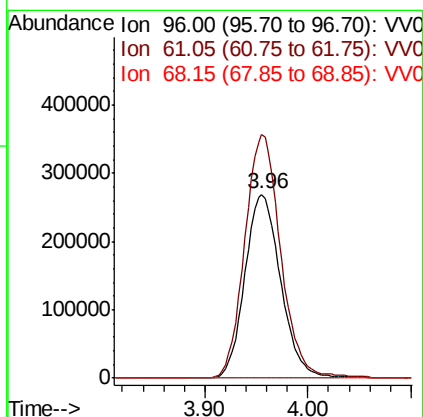
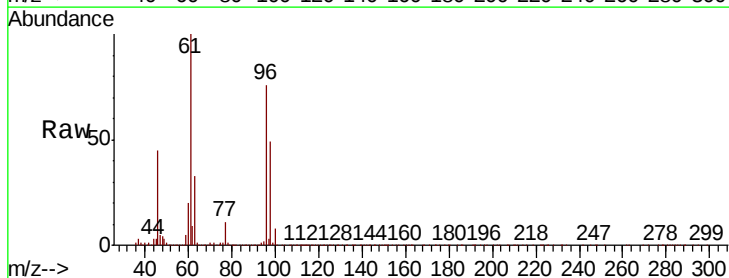
Instrument :
 MSVOA_V
 ClientSampled :

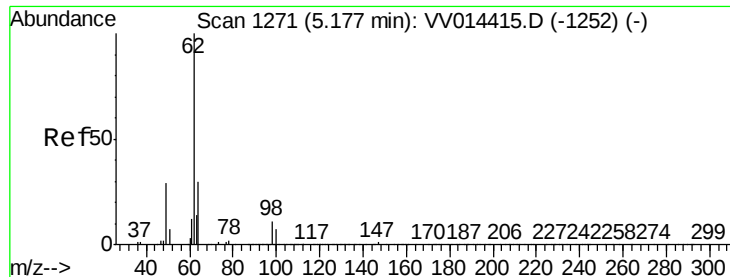
Tot Ion: 63 Resp: 9095
 Ion Ratio Lower Upper
 63 100
 65 31.7 22.7 42.3
 83 30.2 10.0 18.6#



#22
 cis-1,2-Dichloroethene
 Concen: 10.444 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV014419.D
 Acq: 28 Jan 2020 15:02

Tgt Ion: 96 Resp: 645939
 Ion Ratio Lower Upper
 96 100
 61 132.3 90.6 168.3
 68 0.2 0.3 0.7#

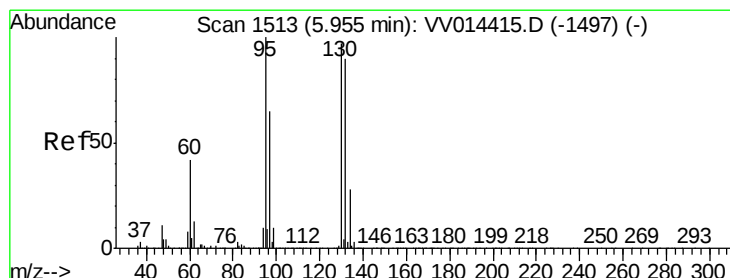
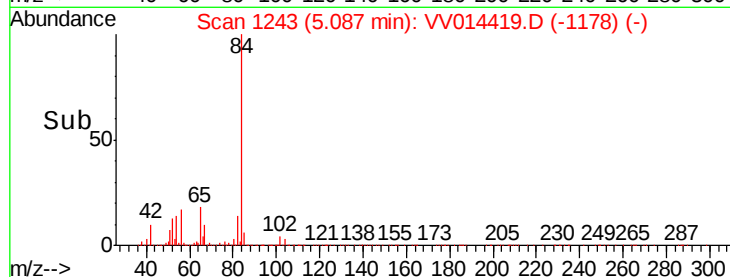
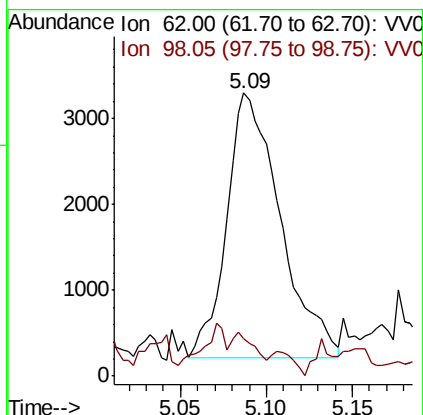
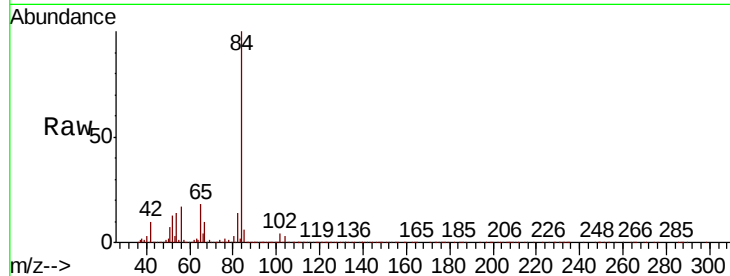




#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.09 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

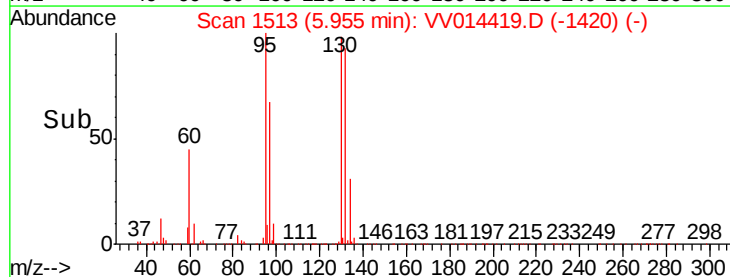
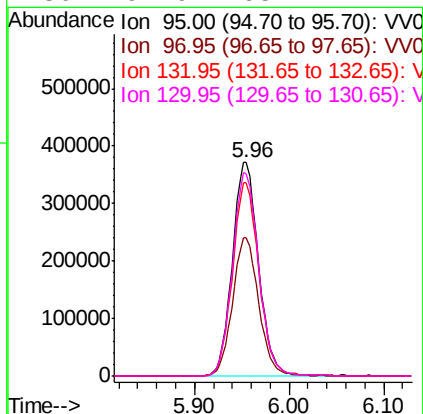
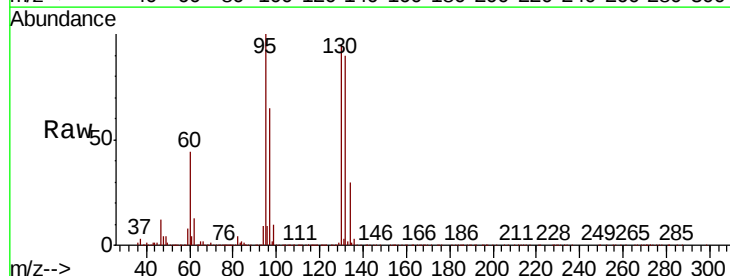
Instrument :
MSVOA_V
ClientSampleId :

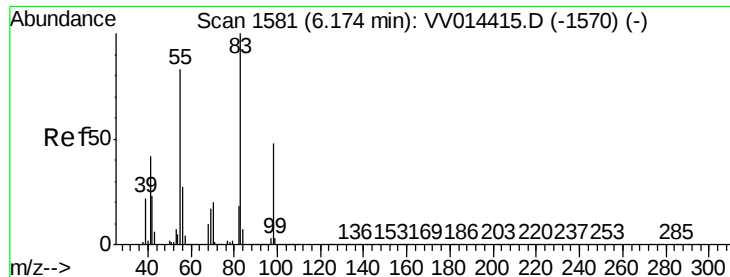
Tot Ion: 62 Resp: 6699
Ion Ratio Lower Upper
62 100
98 13.2 9.2 13.8



#34
Trichloroethene
Concen: 11.687 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

Tgt Ion: 95 Resp: 712790
Ion Ratio Lower Upper
95 100
97 64.7 43.8 81.3
132 90.3 63.4 117.8
130 94.9 65.7 122.1

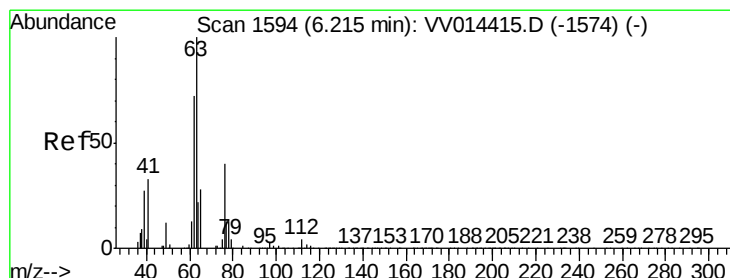
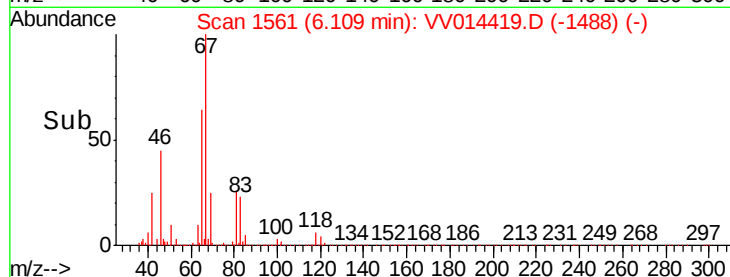
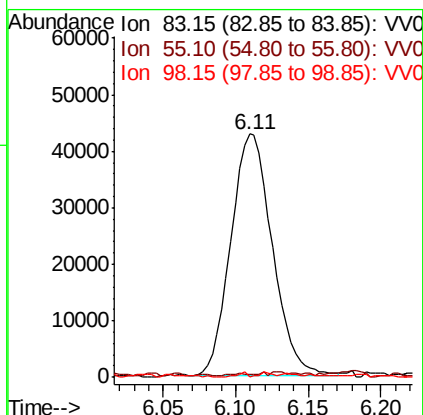
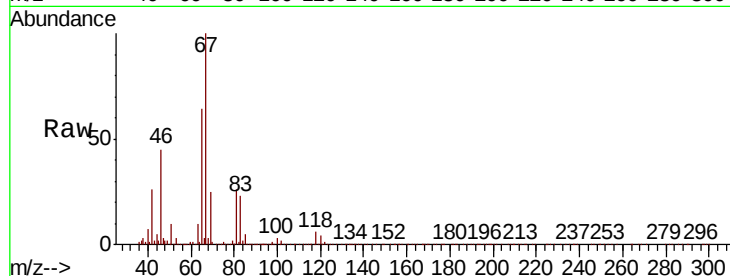




#35
Methvlcvclohexane
Concen: 0.854 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

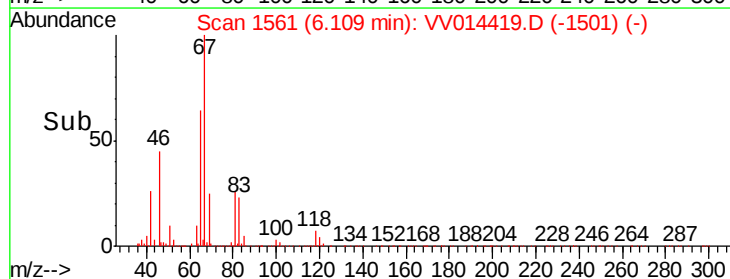
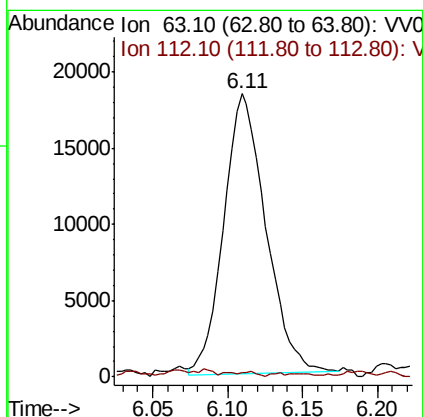
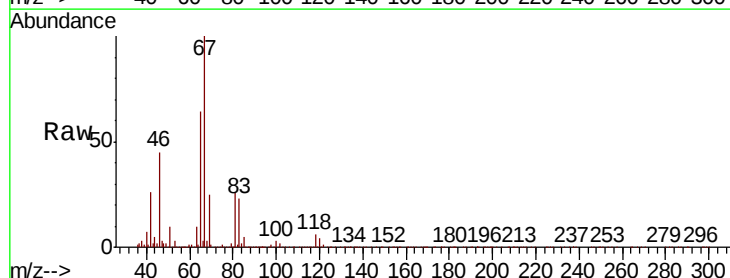
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ClientSampleId :

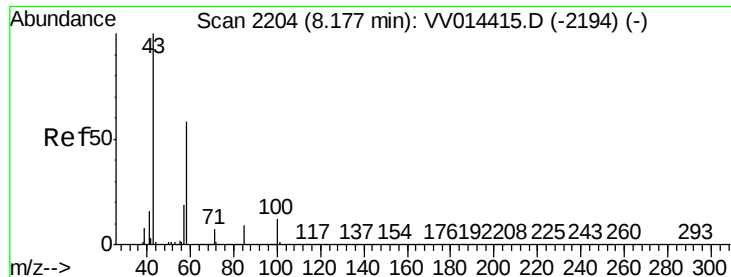
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.3	61.7	92.5#
98	0.0	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV014419.D
Acq: 28 Jan 2020 15:02

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.7	5.5#





#48

2-Hexanone

Concen: 0.788 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV014419.D

Acq: 28 Jan 2020 15:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 20587

Ion Ratio Lower Upper

43 100

58 49.6 45.4 68.0

57 6.4 15.8 23.8#

100 9.6 10.2 15.4#

