

Data File : VV010583.D
Acq On : 30 Apr 2019 19:33
Operator : SY/MD
Sample : K2590-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0X88RE

Quant Time: May 01 08:17:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 01 08:14:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	185514	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190027	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75802	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53727	5.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.00%
7) Chloroethane-d5	1.56	69	39289	5.57	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.12	63	75953	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.94	46	129403	55.02	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.04%
24) Chloroform-d	4.40	84	102246	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.08	65	56980	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	224500	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	68351	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	204149	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	23253	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.13	63	112223	56.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49747	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	74477	5.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.20%

Target Compounds

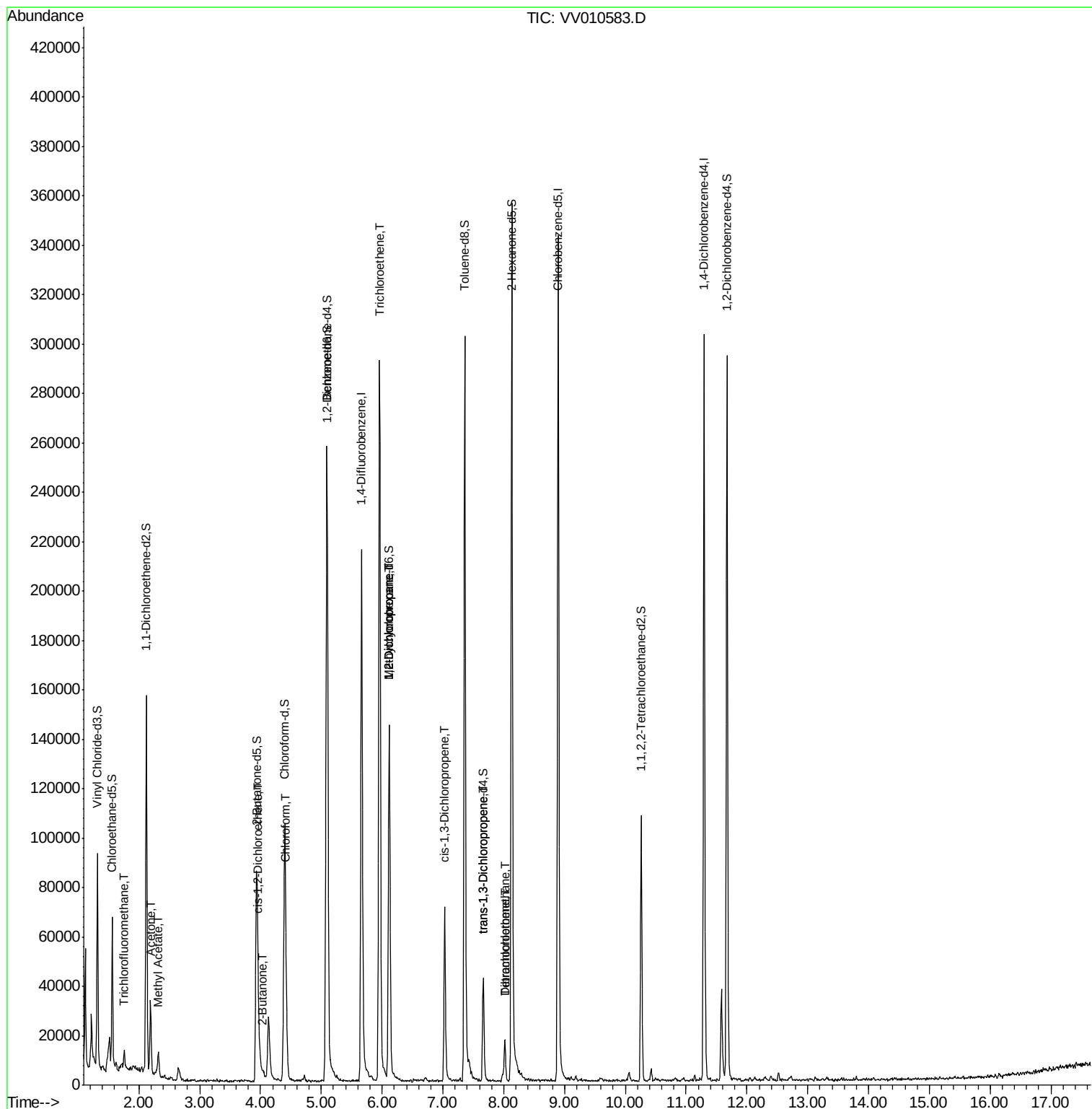
						Qvalue
9) Trichlorofluoromethane	1.76	101	2467	0.101	ug/L	92
13) Acetone	2.19	43	26963	18.543	ug/L	98
15) Methyl Acetate	2.32	43	2574	0.530	ug/L #	50
21) 2-Butanone	4.05	43	3178	1.225	ug/L	81
22) cis-1,2-Dichloroethene	3.97	96	3713	0.282	ug/L	75
25) Chloroform	4.42	83	12732	0.536	ug/L	93
34) Trichloroethene	5.96	95	106314	7.444	ug/L	99
35) Methylcyclohexane	6.12	83	16516	0.831	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8287	0.679	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	2183	0.128	ug/L #	40
44) trans-1,3-Dichloropropene	7.66	75	1402	0.108	ug/L	91
47) Tetrachloroethene	8.01	164	4188	0.384	ug/L	84
49) Dibromochloromethane	8.02	129	3849	0.382	ug/L #	8

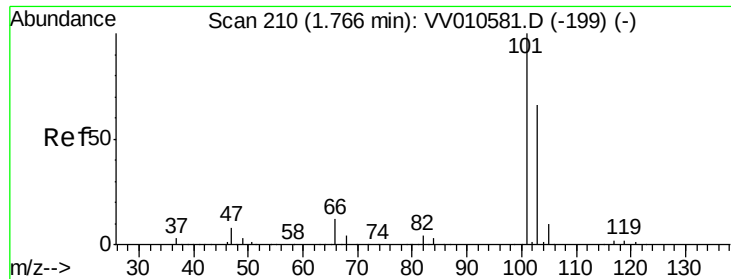
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.101 ug/L

RT: 1.76 min Scan# 208

Delta R.T. -0.01 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

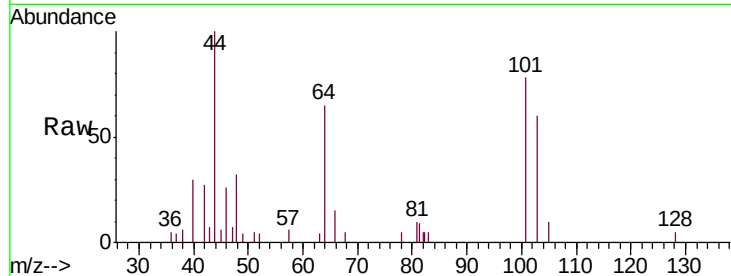
C0X88RE

Tgt Ion:101 Resp: 2467

Ion Ratio Lower Upper

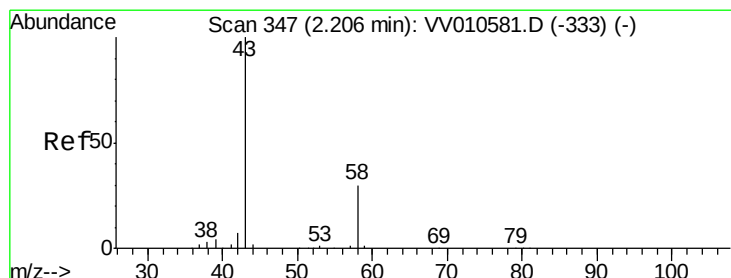
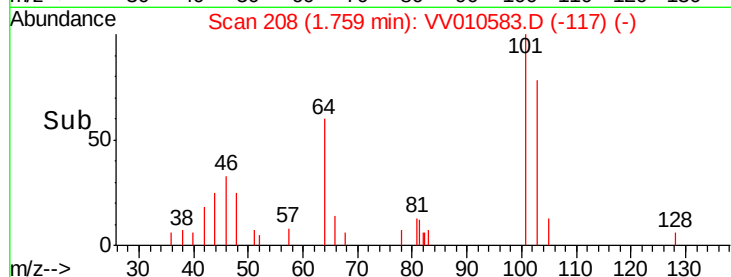
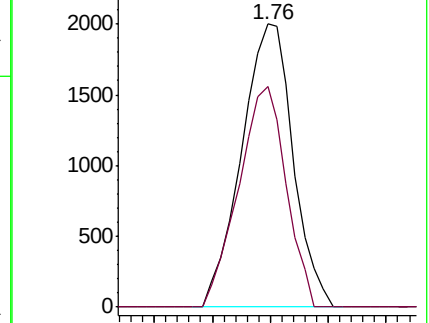
101 100

103 71.7 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 18.543 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV010583.D

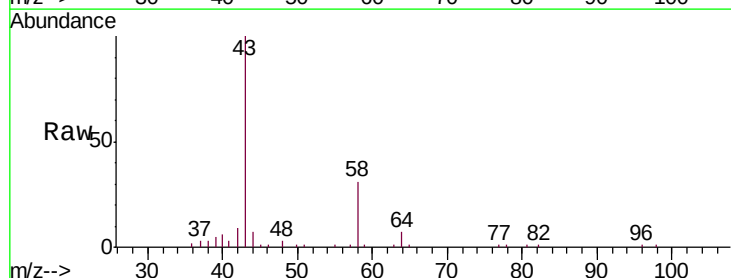
Acq: 30 Apr 2019 19:33

Tgt Ion: 43 Resp: 26963

Ion Ratio Lower Upper

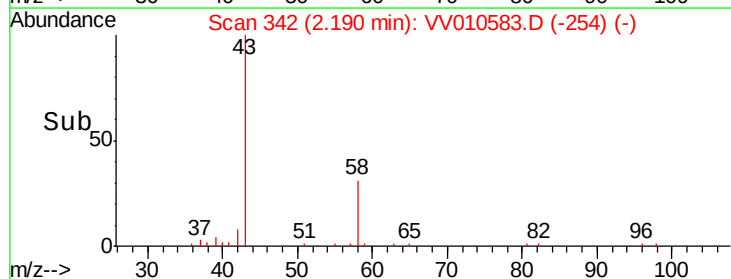
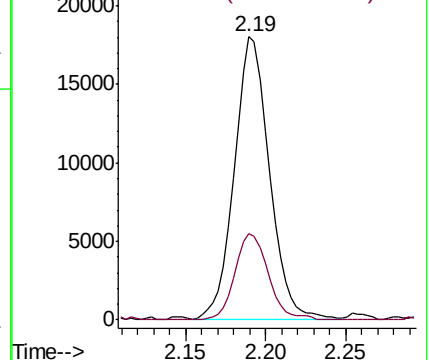
43 100

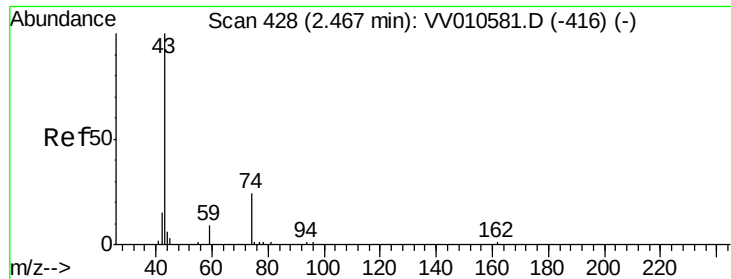
58 29.0 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

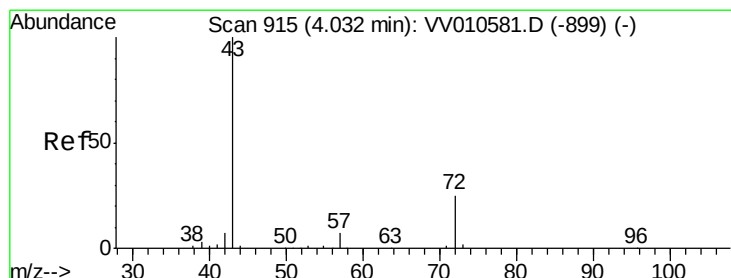
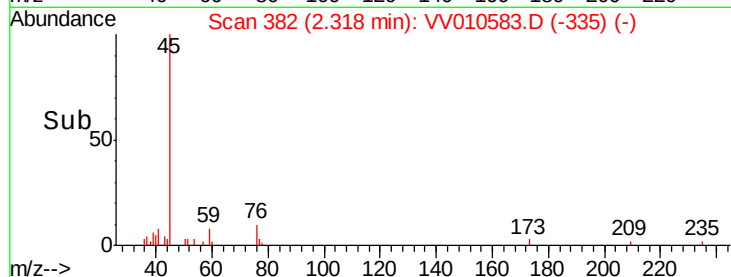
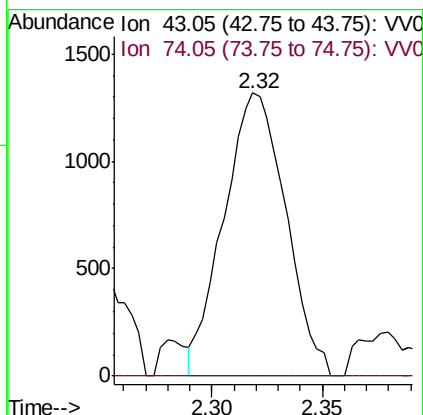
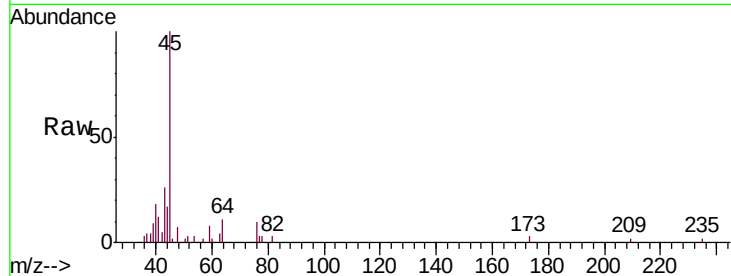




#15
Methyl Acetate
Concen: 0.530 ug/L
RT: 2.32 min Scan# 382
Delta R.T. -0.15 min
Lab File: VV010583.D
Acq: 30 Apr 2019 19:33

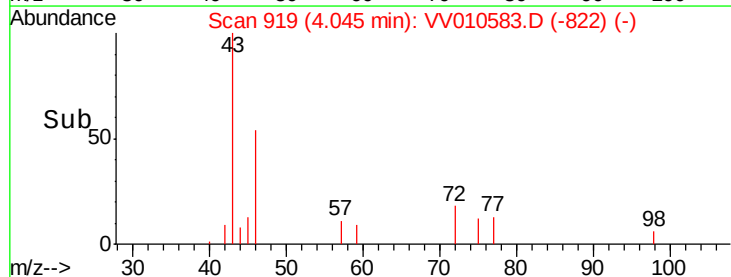
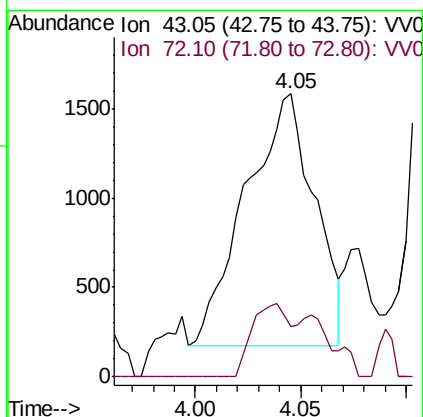
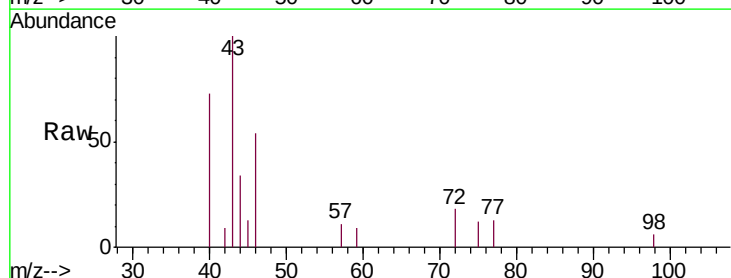
Instrument :
MSVOA_V
ClientSampled :
C0X88RE

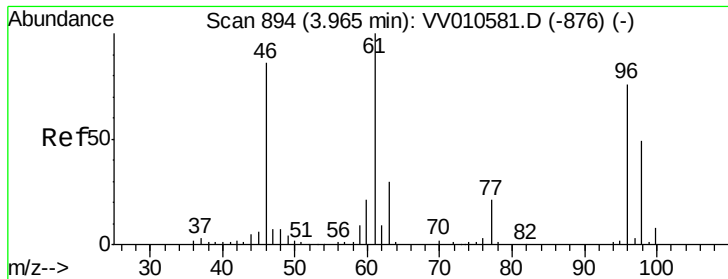
Tgt Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.8#



#21
2-Butanone
Concen: 1.225 ug/L
RT: 4.05 min Scan# 919
Delta R.T. 0.01 min
Lab File: VV010583.D
Acq: 30 Apr 2019 19:33

Tgt Ion: 43 Resp: 3178
Ion Ratio Lower Upper
43 100
72 15.4 12.5 37.5



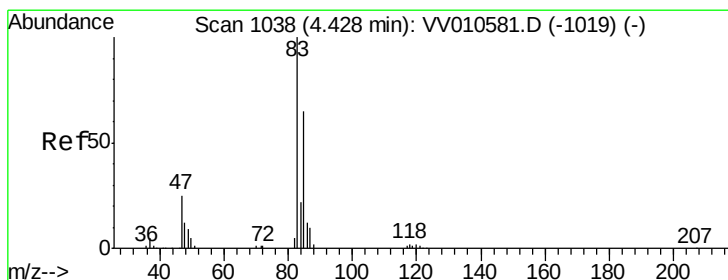
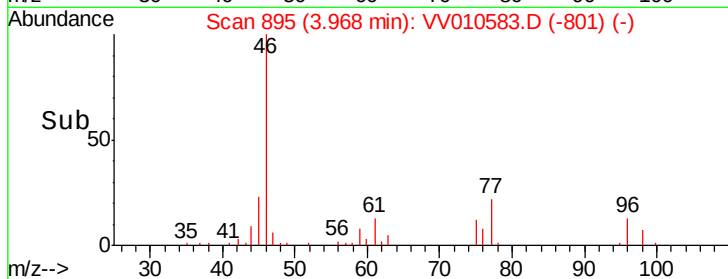
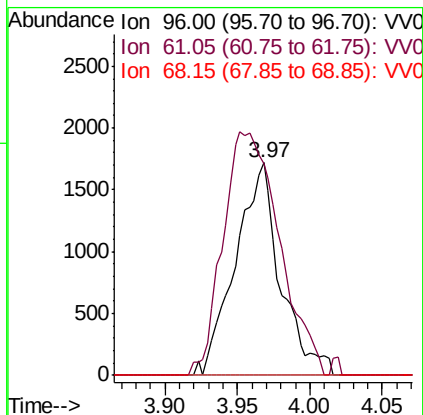
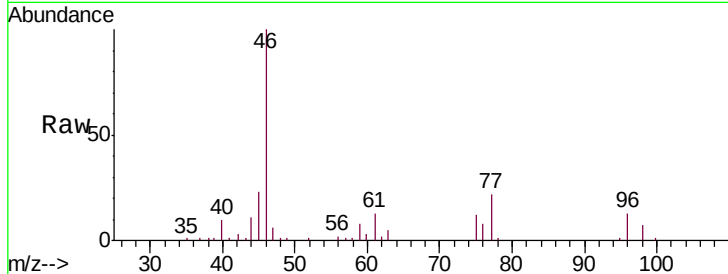


#22

cis-1,2-Dichloroethene
Concen: 0.282 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV010583.D
Acq: 30 Apr 2019 19:33

Instrument :
MSVOA_V
ClientSampleId :
C0X88RE

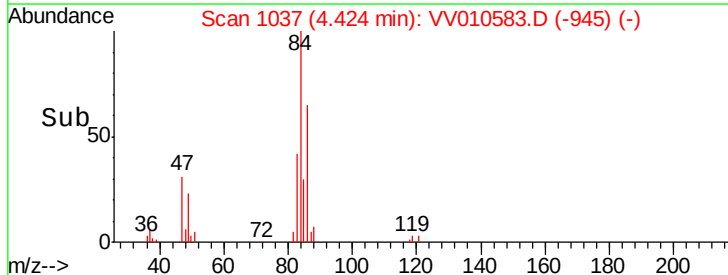
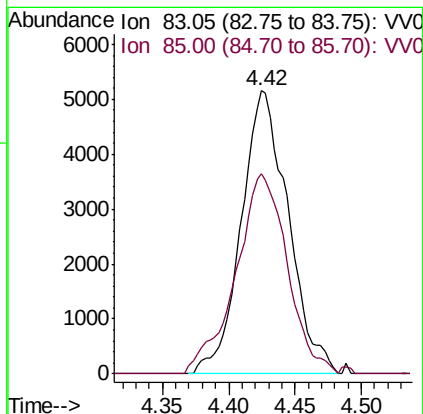
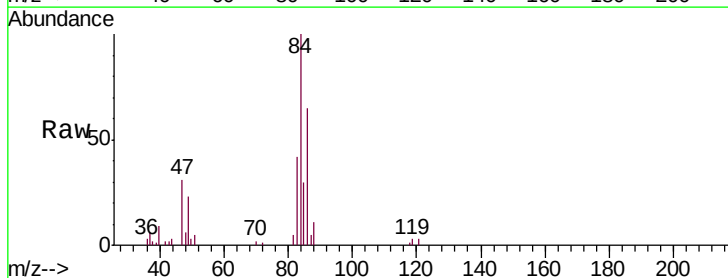
Tgt Ion: 96 Resp: 3713
Ion Ratio Lower Upper
96 100
61 99.4 90.0 167.2
68 0.0 0.0 0.0

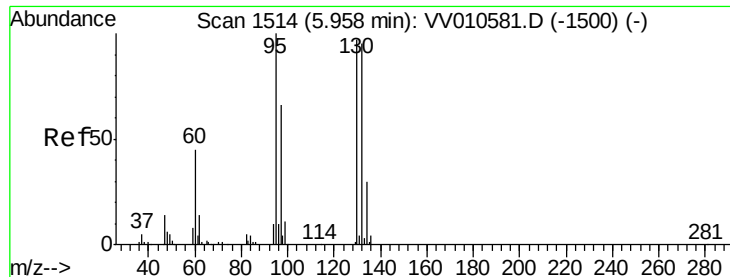


#25

Chloroform
Concen: 0.536 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010583.D
Acq: 30 Apr 2019 19:33

Tgt Ion: 83 Resp: 12732
Ion Ratio Lower Upper
83 100
85 70.8 45.8 85.2





#34

Trichloroethene

Concen: 7.444 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

C0X88RE

Tgt Ion: 95 Resp: 106314

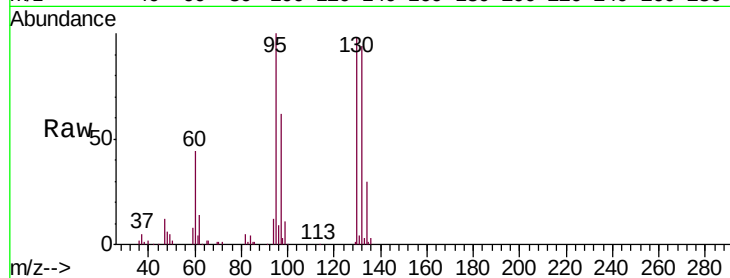
Ion Ratio Lower Upper

95 100

97 62.4 44.3 82.3

132 94.3 67.1 124.7

130 97.9 68.7 127.5

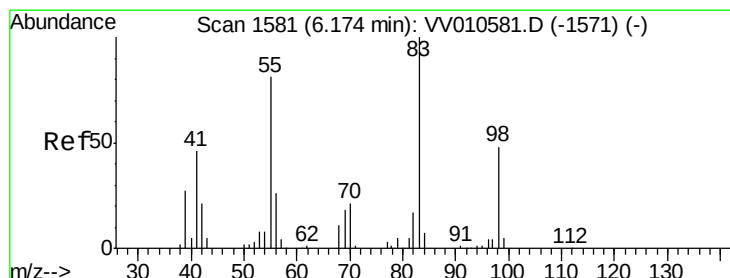
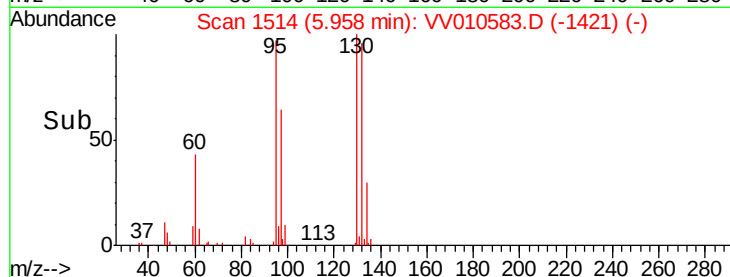
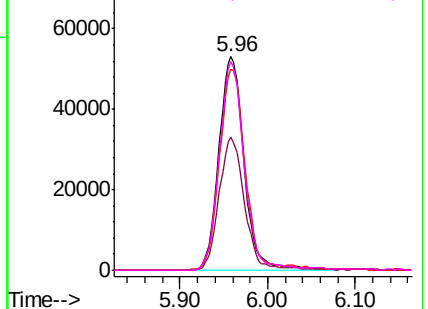


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.831 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

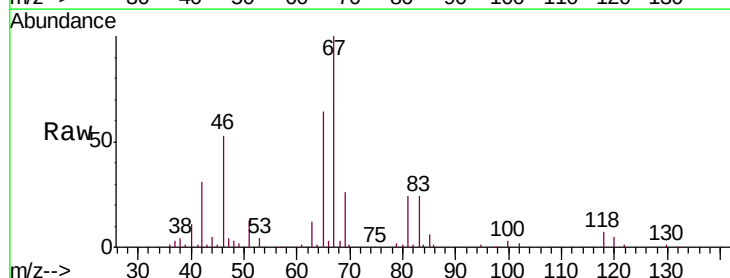
Tgt Ion: 83 Resp: 16516

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

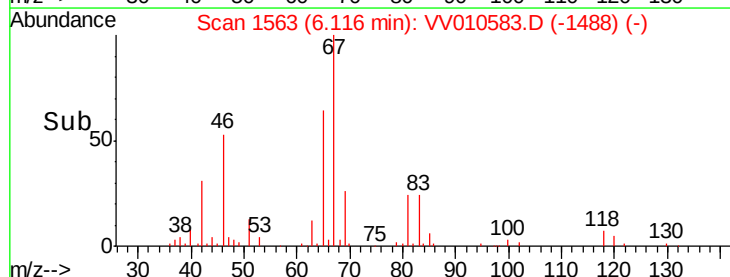
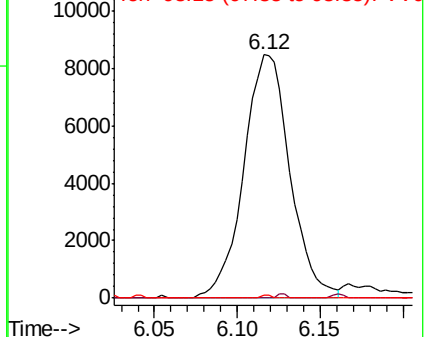
98 4.0 38.8 58.2#

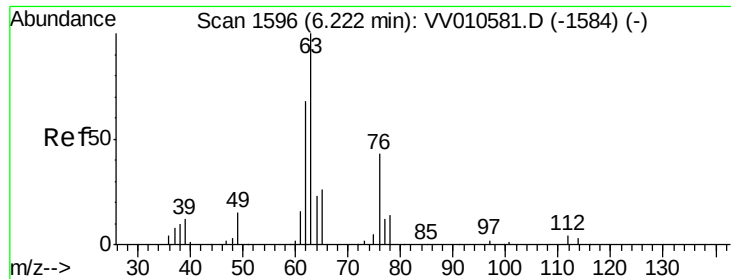


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

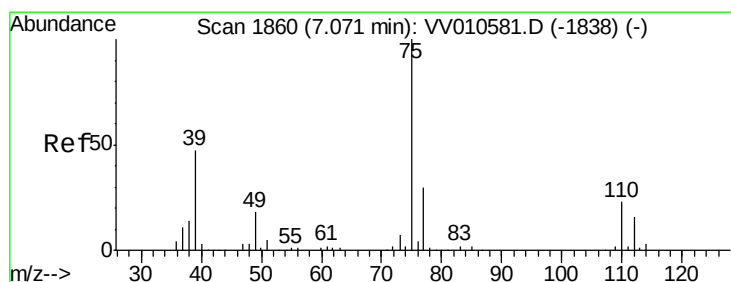
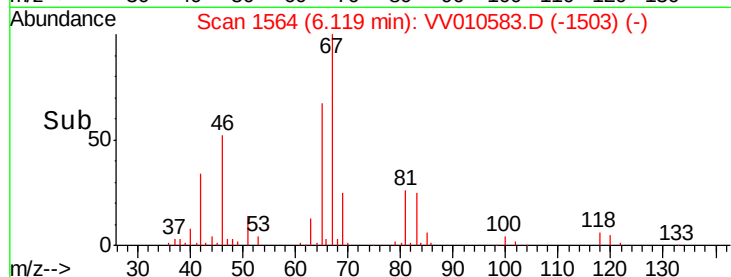
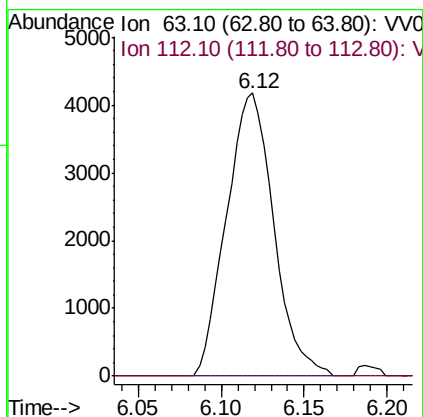
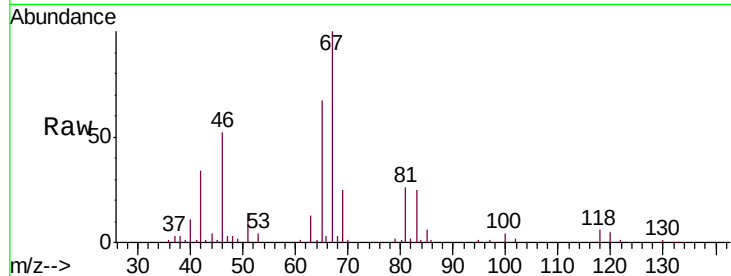




#37
 1,2-Dichloropropane
 Concen: 0.679 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010583.D
 Acq: 30 Apr 2019 19:33

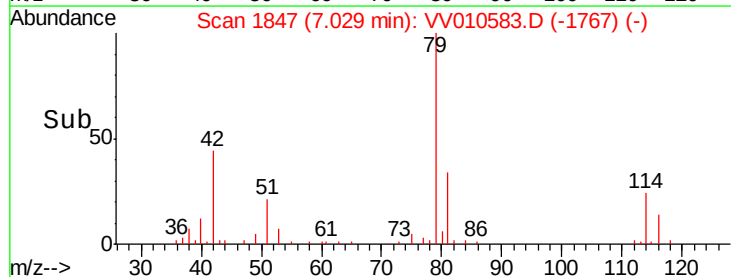
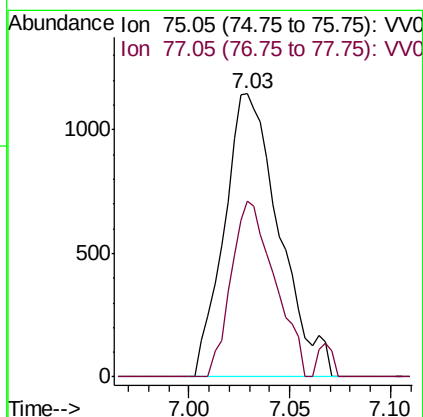
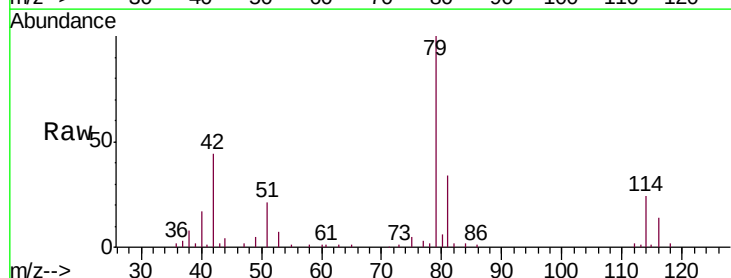
Instrument :
 MSVOA_V
 ClientSampleId :
 C0X88RE

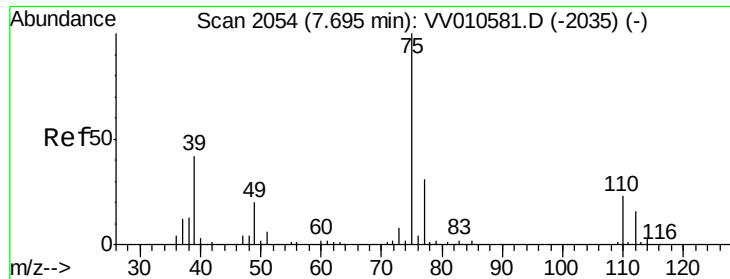
Tgt Ion: 63 Resp: 8287
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010583.D
 Acq: 30 Apr 2019 19:33

Tgt Ion: 75 Resp: 2183
 Ion Ratio Lower Upper
 75 100
 77 62.2 20.9 38.7#





#44

trans-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

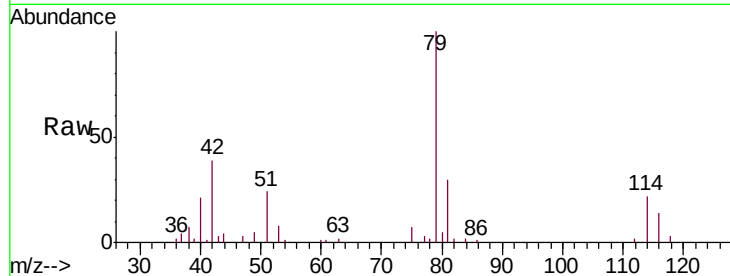
C0X88RE

Tgt Ion: 75 Resp: 1402

Ion Ratio Lower Upper

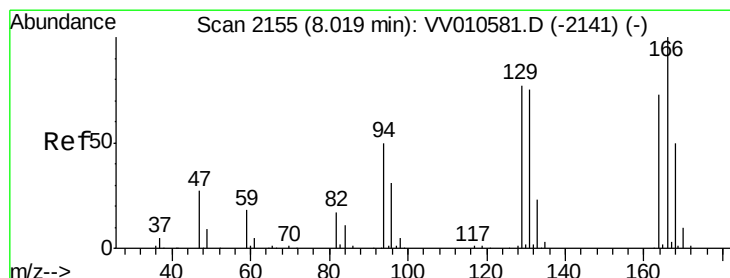
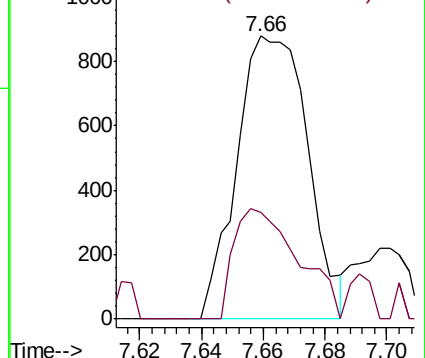
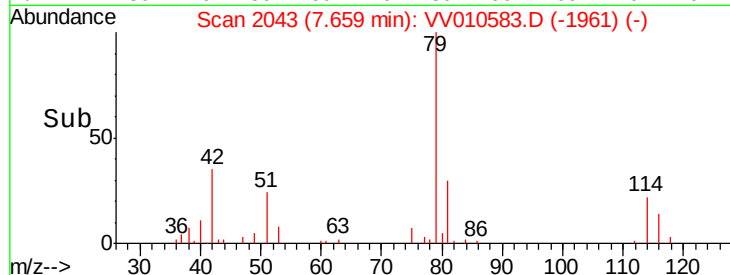
75 100

77 37.8 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV010583.D (-1961) (-)

Ion 77.05 (76.75 to 77.75): VV010583.D (-1961) (-)



#47

Tetrachloroethene

Concen: 0.384 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

Tgt Ion: 164 Resp: 4188

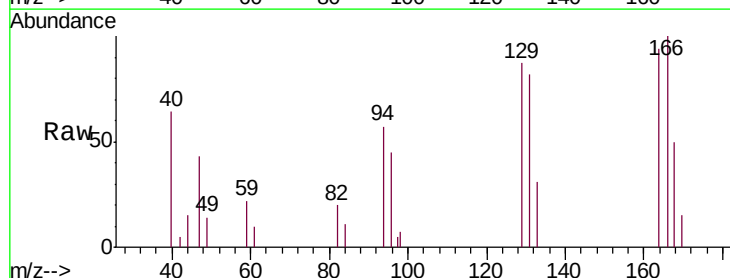
Ion Ratio Lower Upper

164 100

129 92.7 69.8 129.6

131 87.4 70.2 130.4

166 106.4 94.3 175.1

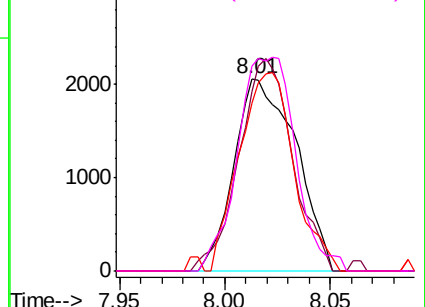
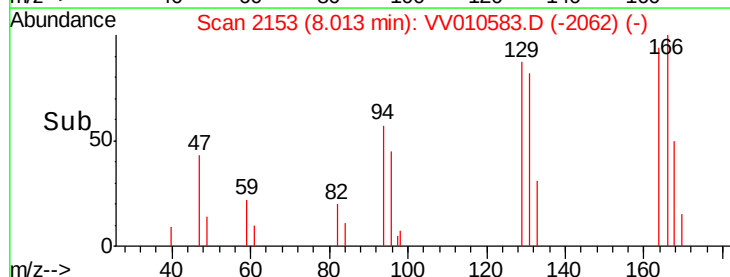


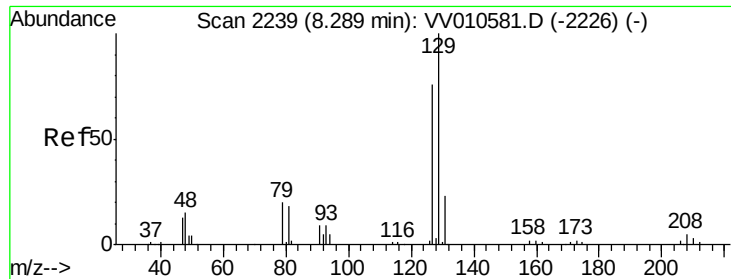
Abundance Ion 163.90 (163.60 to 164.60): VV010583.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV010583.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV010583.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV010583.D (-2062) (-)





#49

Dibromochloromethane

Concen: 0.382 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010583.D

Acq: 30 Apr 2019 19:33

Instrument :

MSVOA_V

ClientSampleId :

C0X88RE

Tgt Ion:129 Resp: 3849

Ion Ratio Lower Upper

129 100

127 0.0 57.5 106.7#

