

Data File : VV010613.D
Acq On : 01 May 2019 19:01
Operator : SY/MD
Sample : K2590-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XA2RE

Quant Time: May 02 08:24:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 08:18:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	77320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	77455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31735	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22627	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.57	69	17545	5.99	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.80%
11) 1,1-Dichloroethene-d2	2.13	63	32808	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	57720	54.09	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	4.40	84	46823	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	26198	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	99641	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	30612	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	88242	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.66	79	9885	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	48566	57.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20925	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	32483	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

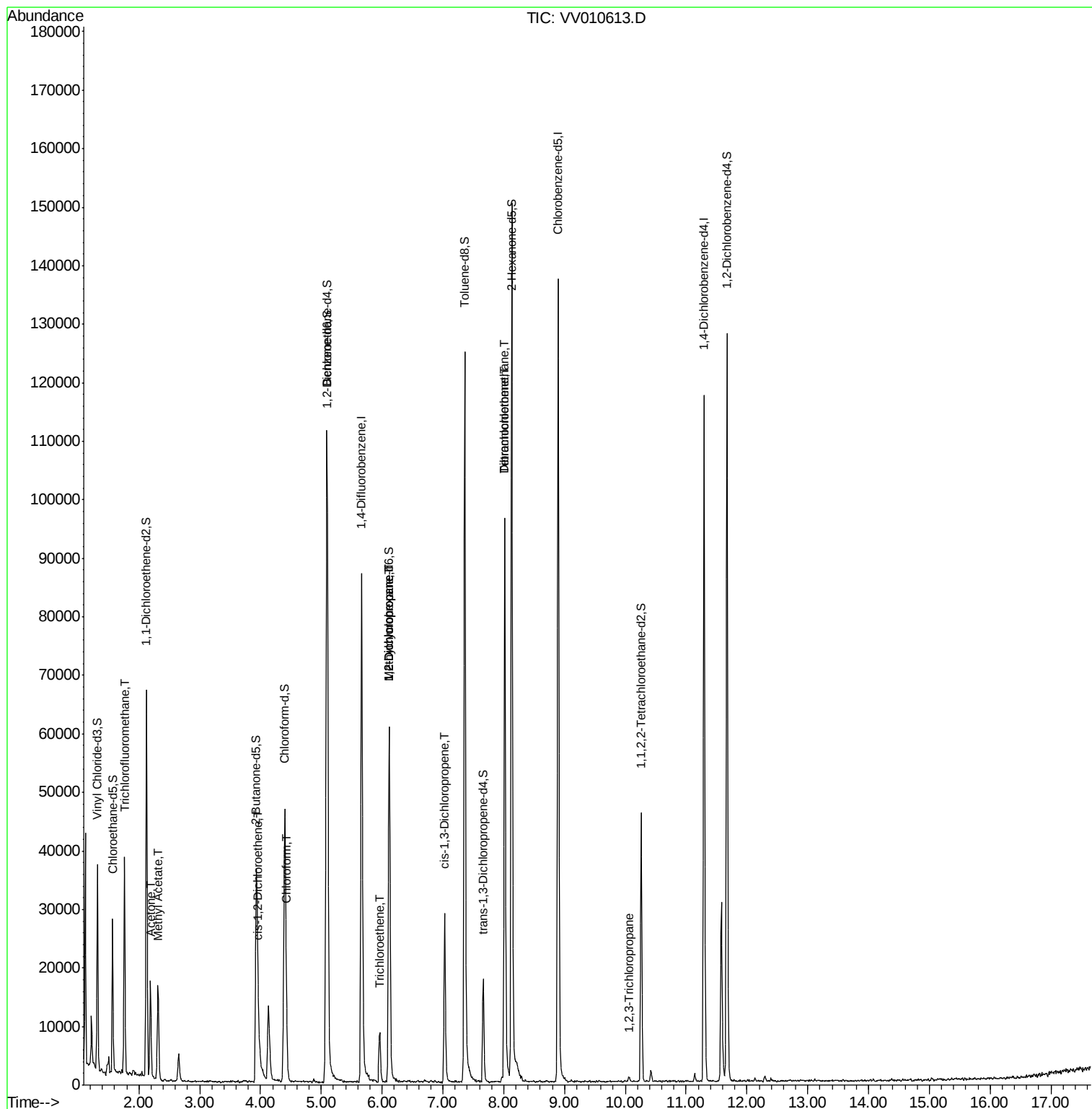
					Qvalue
9) Trichlorofluoromethane	1.76	101	22043	2.282	ug/L 99
13) Acetone	2.19	43	15421	24.336	ug/L 96
15) Methyl Acetate	2.32	43	4293	2.190	ug/L # 54
22) cis-1,2-Dichloroethene	3.97	96	760	0.134	ug/L 71
25) Chloroform	4.43	83	4757	0.460	ug/L 95
34) Trichloroethene	5.96	95	2998	0.499	ug/L 86
35) Methylcyclohexane	6.12	83	7405	0.851	ug/L # 17
37) 1,2-Dichloropropane	6.12	63	3371	0.646	ug/L # 87
39) cis-1,3-Dichloropropene	7.03	75	820	0.116	ug/L # 74
47) Tetrachloroethene	8.02	164	21479	4.528	ug/L 94
49) Dibromochloromethane	8.02	129	18741	4.343	ug/L # 11
59) 1,2,3-Trichloropropane	10.06	75	465	0.157	ug/L # 44

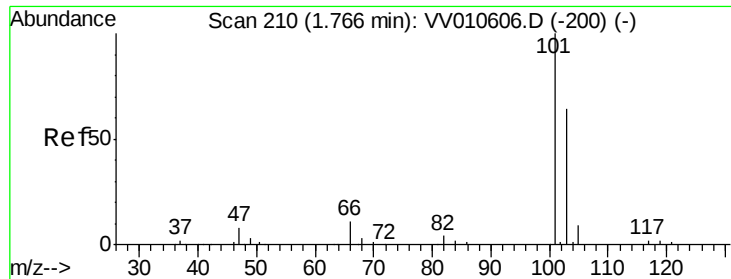
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.282 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

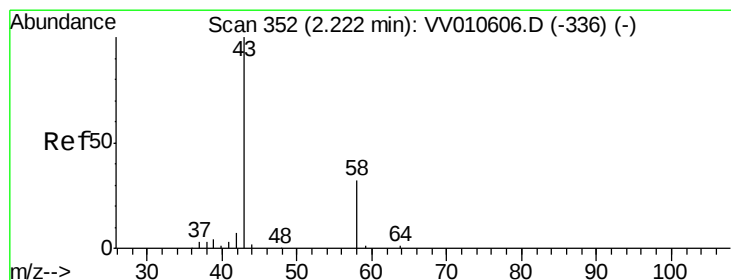
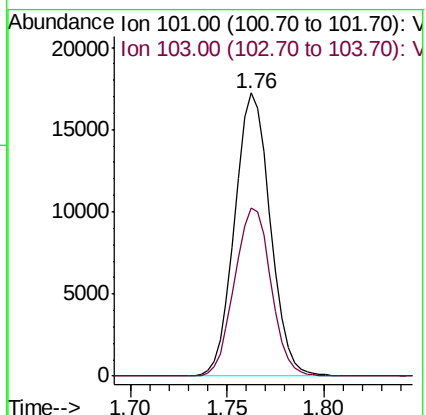
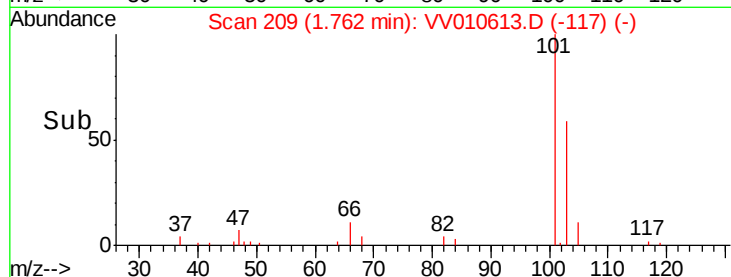
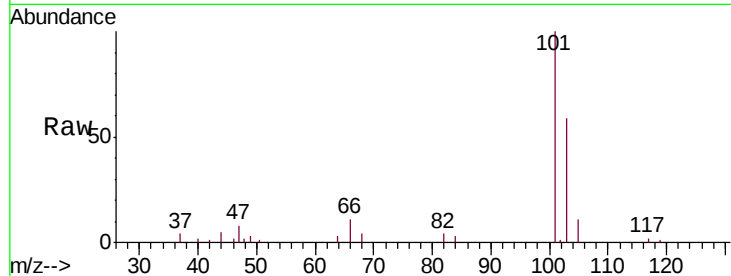
C0XA2RE

Tgt Ion:101 Resp: 22043

Ion Ratio Lower Upper

101 100

103 60.8 49.5 74.3



#13

Acetone

Concen: 24.336 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV010613.D

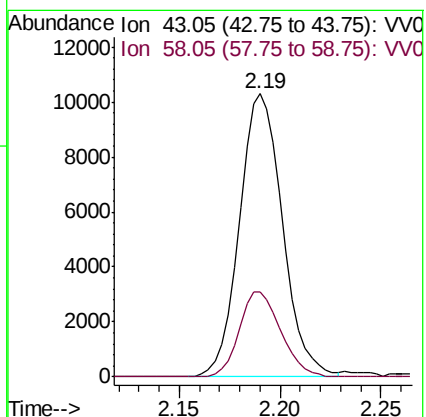
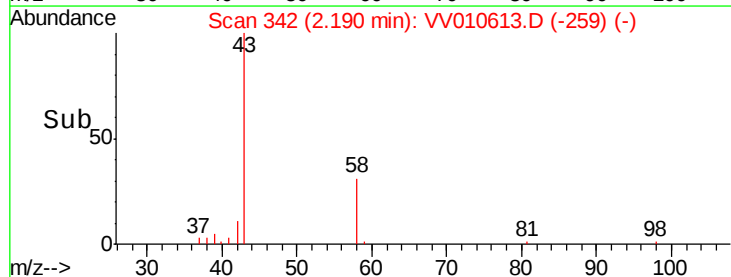
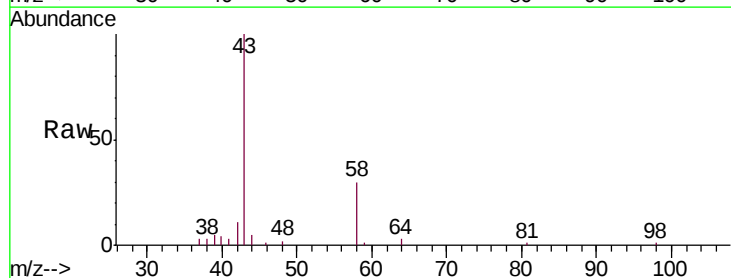
Acq: 01 May 2019 19:01

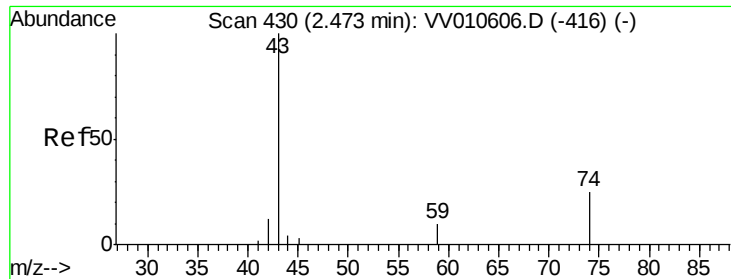
Tgt Ion: 43 Resp: 15421

Ion Ratio Lower Upper

43 100

58 29.0 0.0 62.8





#15

Methyl Acetate

Concen: 2.190 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.16 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

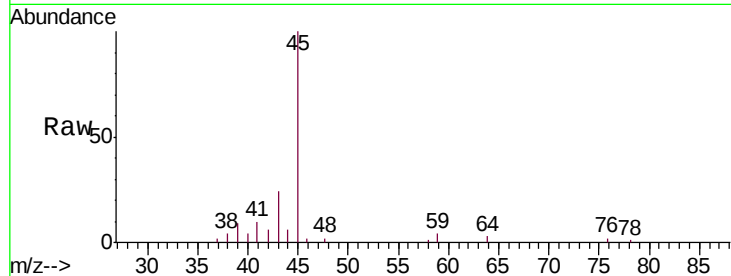
C0XA2RE

Tgt Ion: 43 Resp: 4293

Ion Ratio Lower Upper

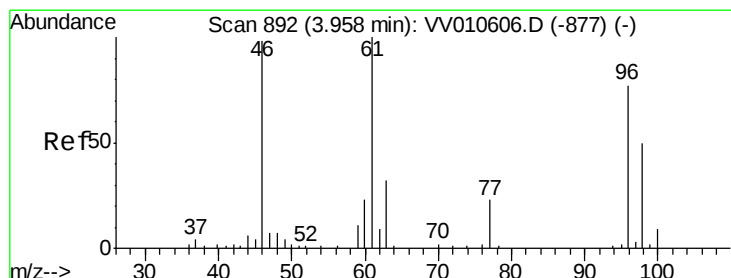
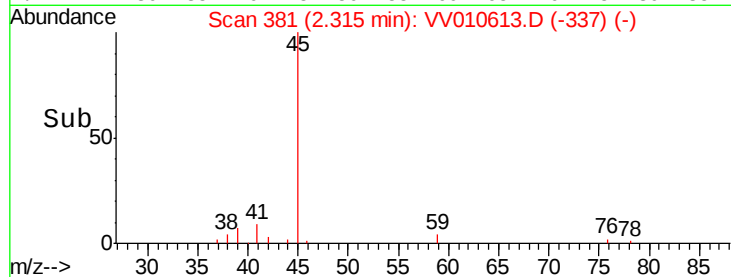
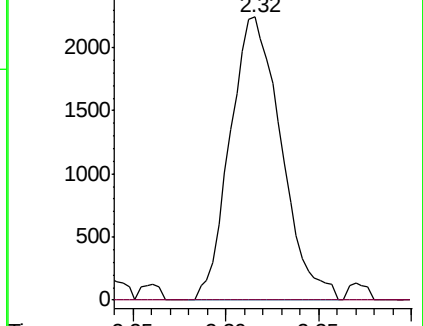
43 100

74 0.0 17.5 26.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 3.97 min Scan# 896

Delta R.T. 0.01 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

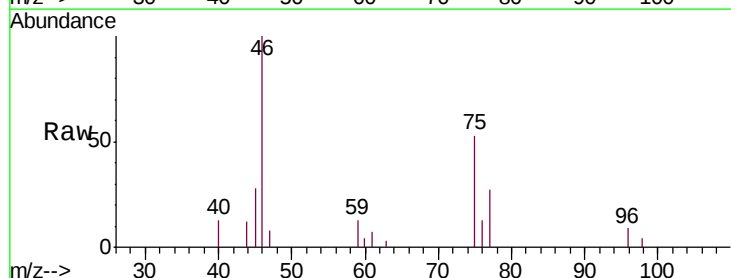
Tgt Ion: 96 Resp: 760

Ion Ratio Lower Upper

96 100

61 85.2 82.3 152.9

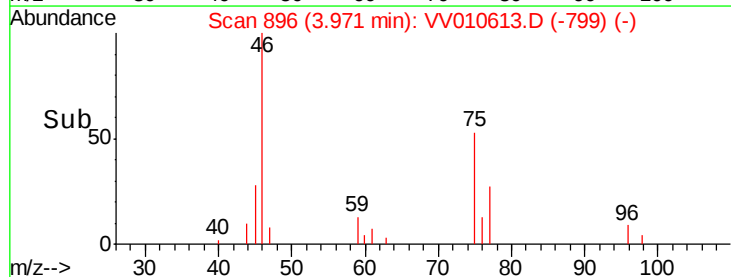
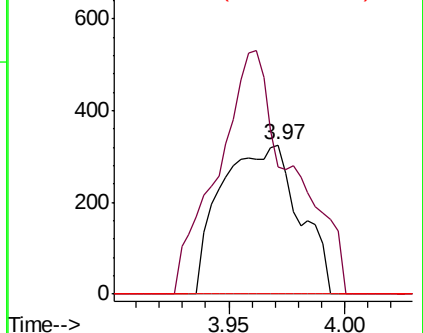
68 0.0 0.0 0.0

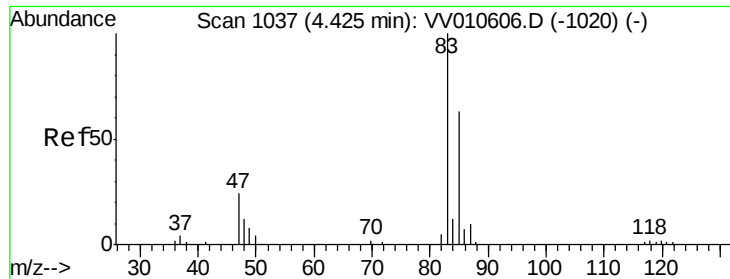


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#25

Chloroform

Concen: 0.460 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. 0.01 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

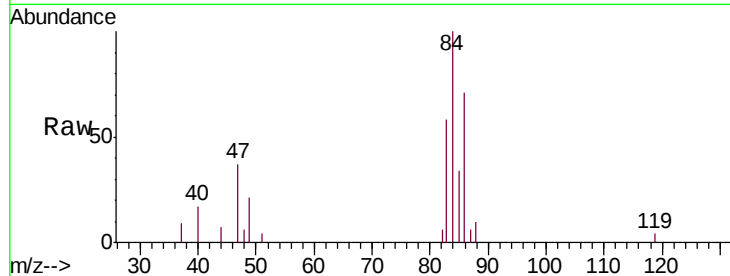
C0XA2RE

Tgt Ion: 83 Resp: 4757

Ion Ratio Lower Upper

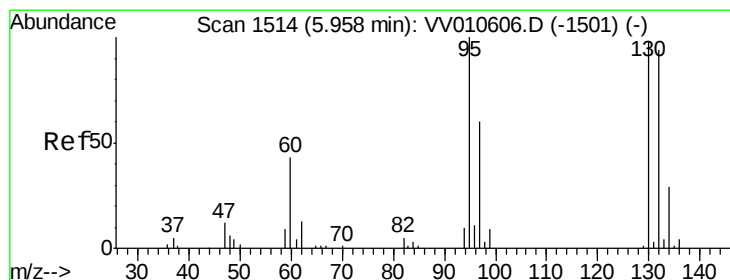
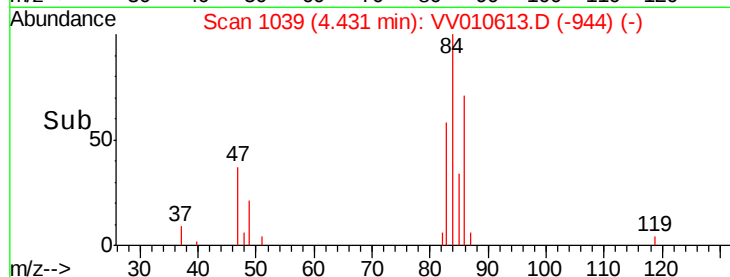
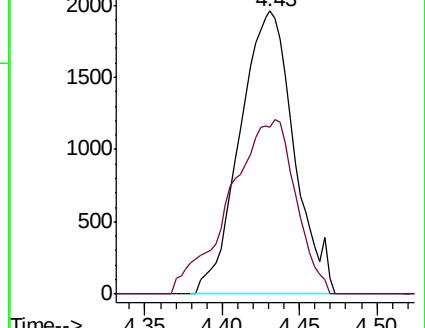
83 100

85 58.8 43.7 81.1



Abundance Ion 83.05 (82.75 to 83.75): VV010606.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010606.D (-1020) (-)



#34

Trichloroethene

Concen: 0.499 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Tgt Ion: 95 Resp: 2998

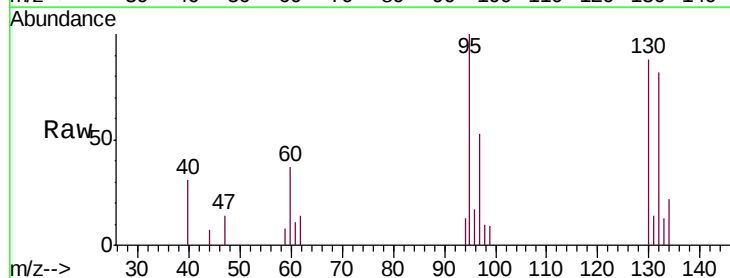
Ion Ratio Lower Upper

95 100

97 53.1 42.4 78.6

132 82.0 69.3 128.7

130 87.9 70.3 130.7

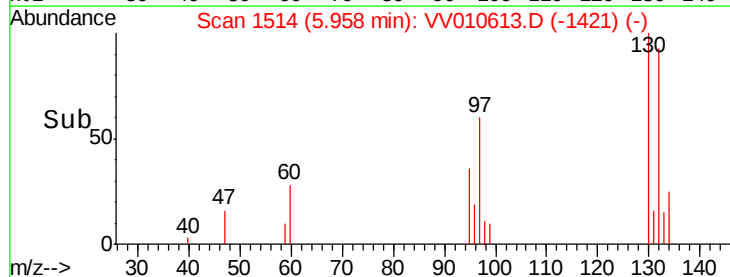
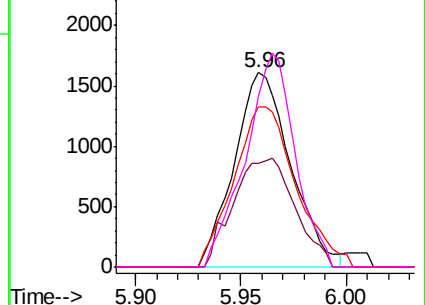


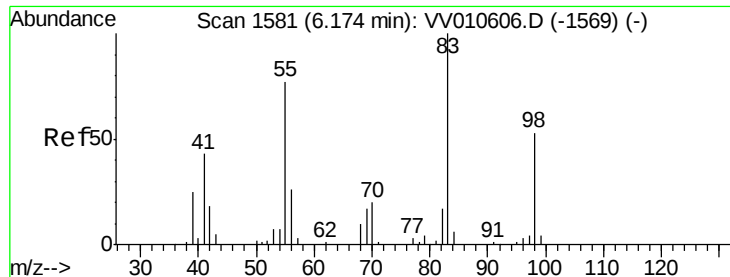
Abundance Ion 95.00 (94.70 to 95.70): VV010606.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV010606.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV010606.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV010606.D (-1501) (-)

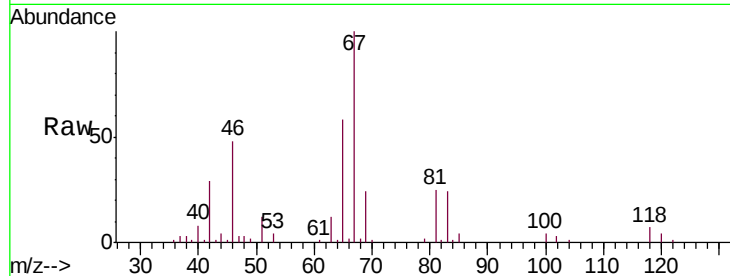




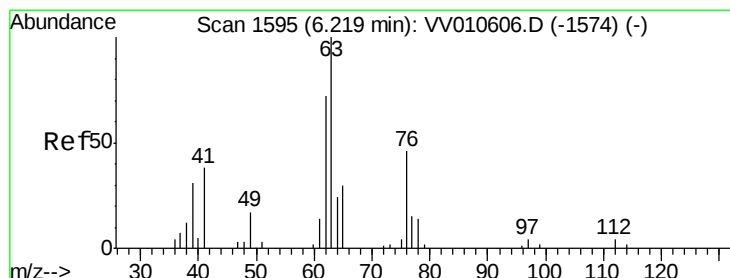
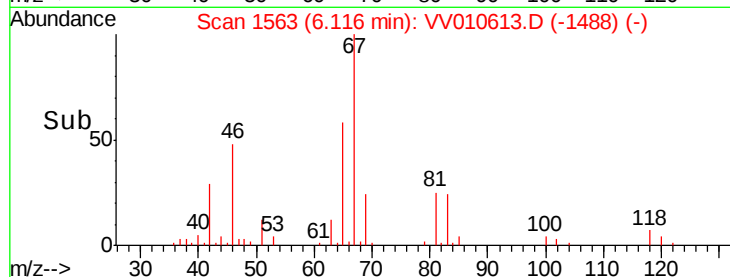
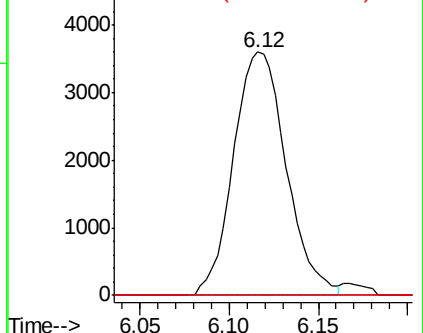
#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010613.D
Acq: 01 May 2019 19:01

Instrument :
MSVOA_V
ClientSampleId :
C0XA2RE

Tgt Ion: 83 Resp: 7405
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 0.3 38.7 58.1#

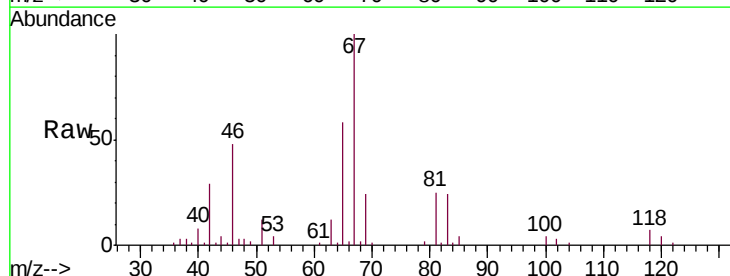


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

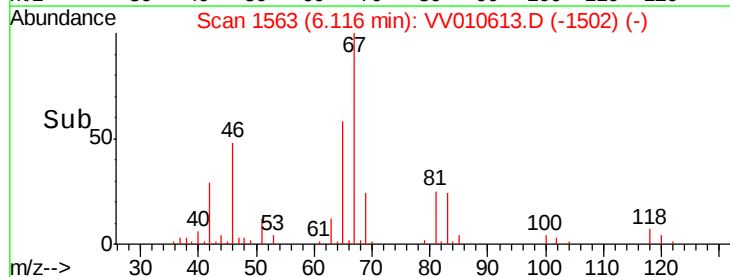
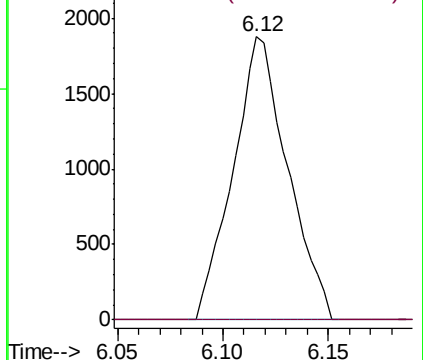


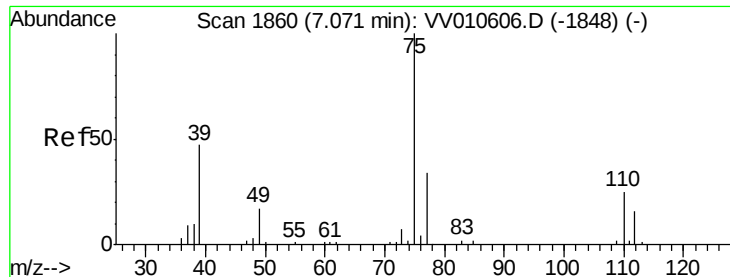
#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010613.D
Acq: 01 May 2019 19:01

Tgt Ion: 63 Resp: 3371
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

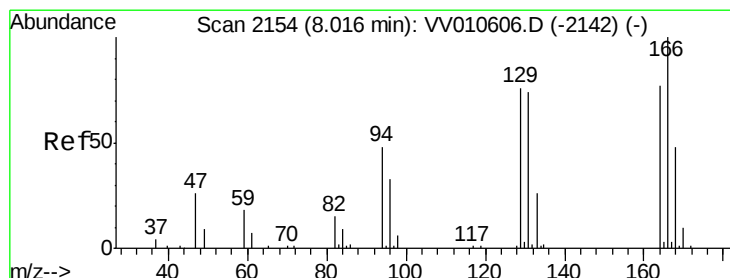
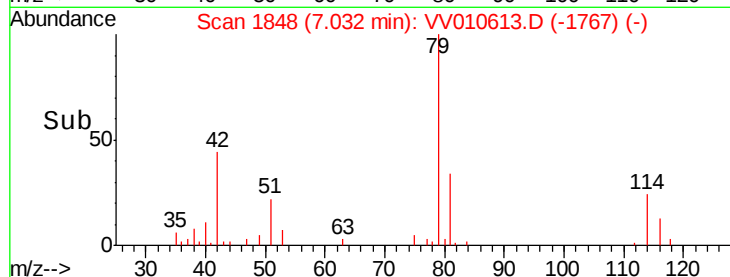
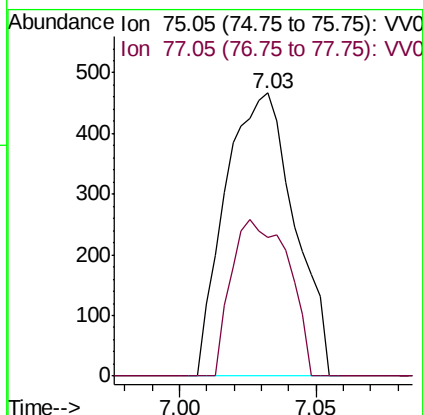
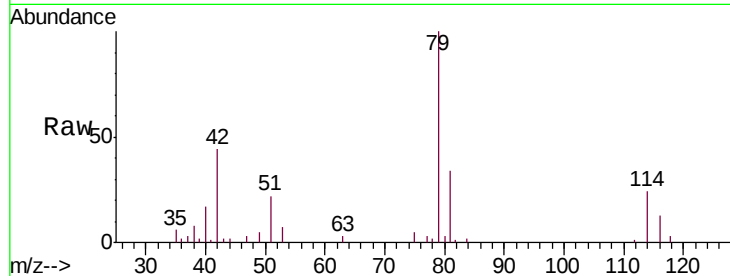




#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV010613.D
 Acq: 01 May 2019 19:01

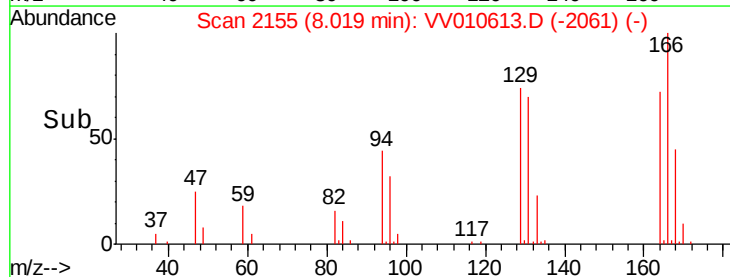
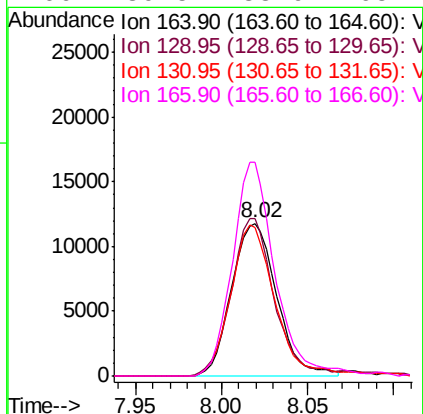
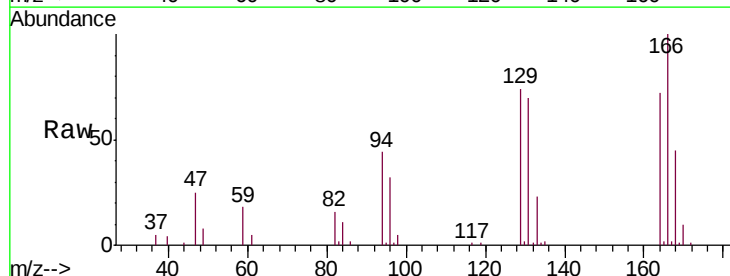
Instrument :
 MSVOA_V
 ClientSampleId :
 C0XA2RE

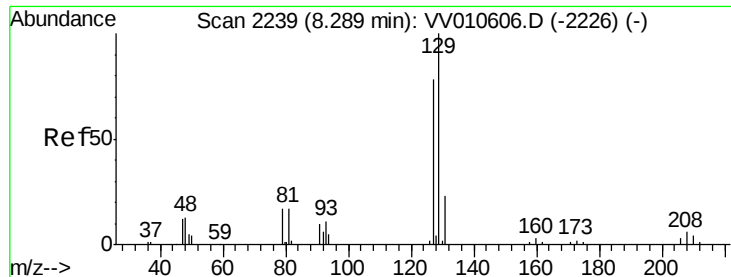
Tgt Ion: 75 Resp: 820
 Ion Ratio Lower Upper
 75 100
 77 49.0 23.9 44.3#



#47
 Tetrachloroethene
 Concen: 4.528 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV010613.D
 Acq: 01 May 2019 19:01

Tgt Ion: 164 Resp: 21479
 Ion Ratio Lower Upper
 164 100
 129 103.1 69.9 129.7
 131 97.1 65.6 121.8
 166 139.5 88.9 165.1





#49

Dibromochloromethane

Concen: 4.343 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010613.D

Acq: 01 May 2019 19:01

Instrument :

MSVOA_V

ClientSampleId :

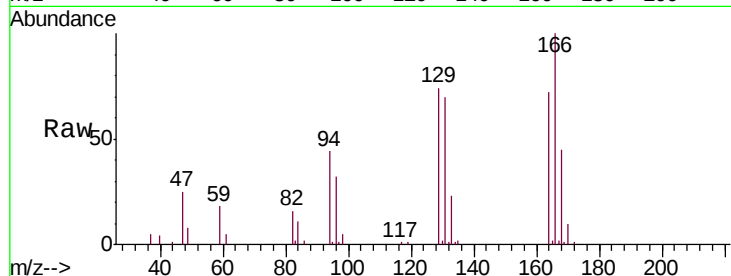
C0XA2RE

Tgt Ion: 129 Resp: 18741

Ion Ratio Lower Upper

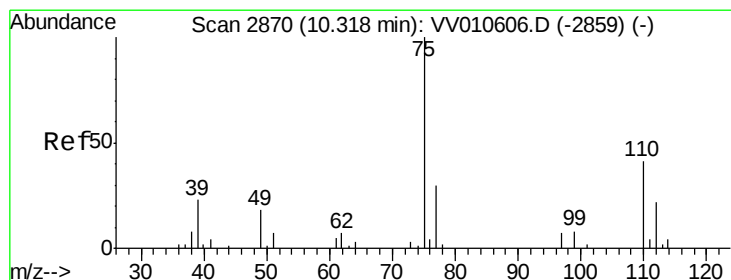
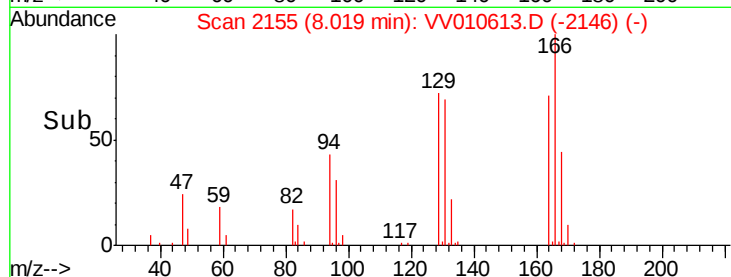
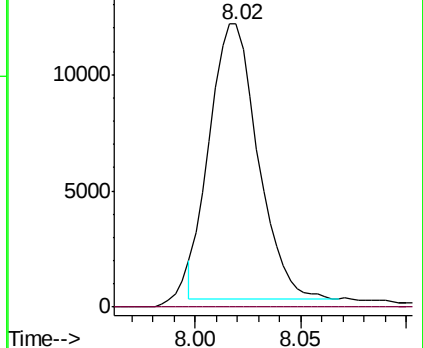
129 100

127 0.0 53.7 99.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 0.157 ug/L

RT: 10.06 min Scan# 2790

Delta R.T. -0.26 min

Lab File: VV010613.D

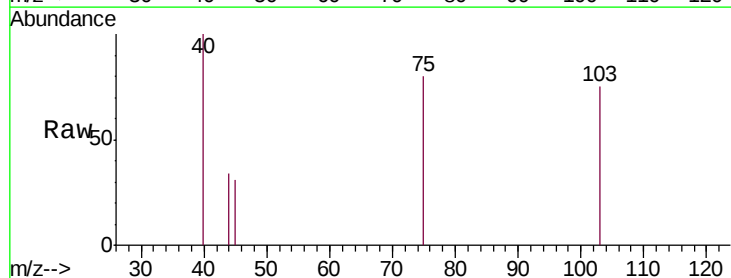
Acq: 01 May 2019 19:01

Tgt Ion: 75 Resp: 465

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

