

Data File : VV011711.D
Acq On : 22 Jun 2019 03:24
Operator : SY/MD
Sample : K3479-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAP00

Quant Time: Jun 24 05:49:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 24 05:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160506	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63148	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41382	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	37288	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	66779	3.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.60%
20) 2-Butanone-d5	3.97	46	159916	56.99	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.98%
24) Chloroform-d	4.40	84	91375	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	58361	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.09	84	193370	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	62241	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.36	98	161070	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.66	79	16910	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	121892	57.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47423	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	58039	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

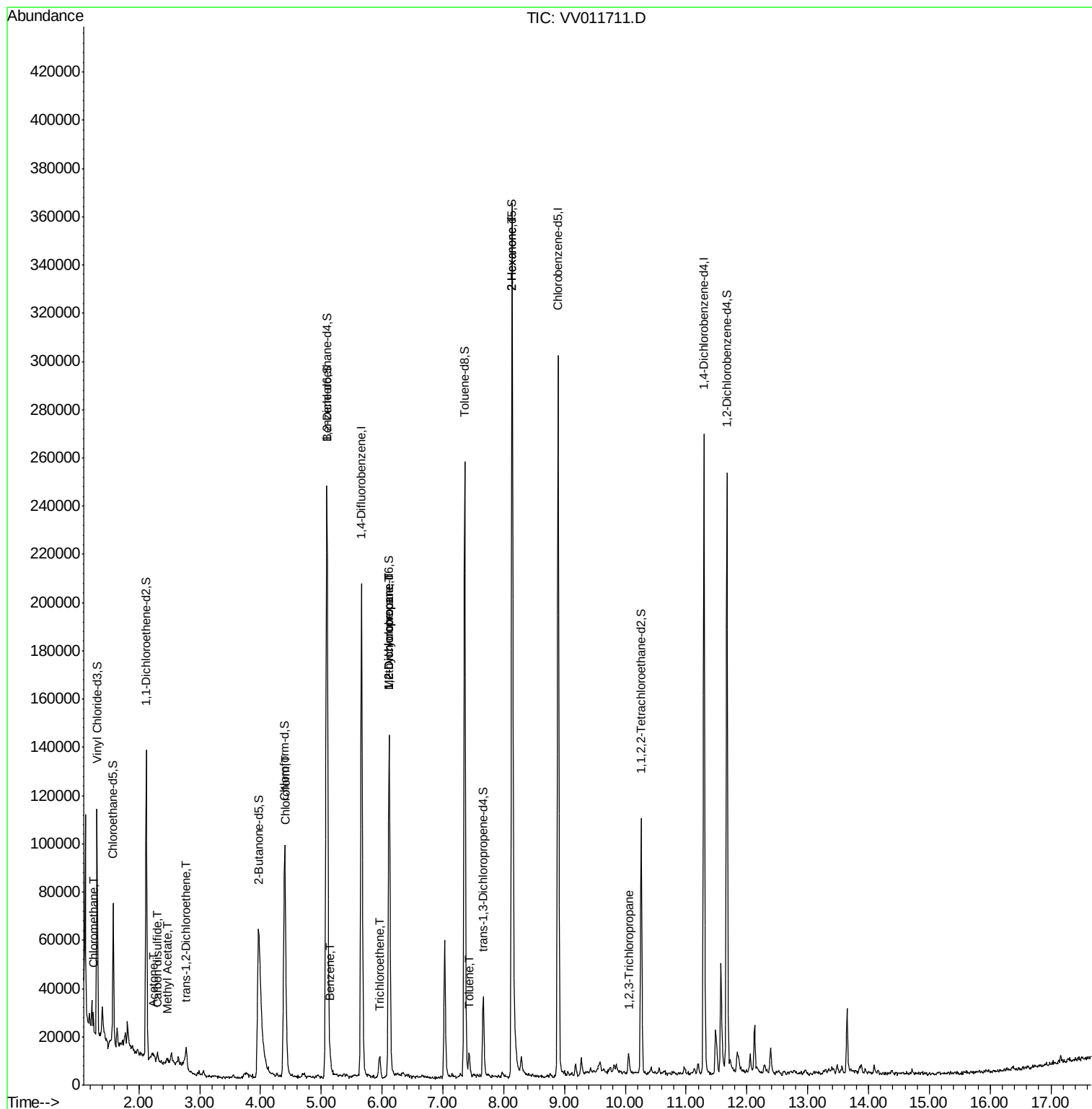
					Qvalue
3) Chloromethane	1.25	50	5251	0.347 ug/L	99
13) Acetone	2.23	43	9308	4.592 ug/L	62
14) Carbon disulfide	2.31	76	3678	0.138 ug/L #	84
15) Methyl Acetate	2.48	43	754	0.149 ug/L #	34
18) trans-1,2-Dichloroethene	2.78	96	1380	0.118 ug/L	80
25) Chloroform	4.42	83	7233	0.284 ug/L	86
33) Benzene	5.15	78	5409	0.108 ug/L	100
34) Trichloroethene	5.96	95	2809	0.212 ug/L	96
35) Methylcyclohexane	6.12	83	14672	0.686 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	7825	0.617 ug/L #	88
42) Toluene	7.43	91	5623	0.108 ug/L	99
48) 2-Hexanone	8.14	43	19434	3.473 ug/L #	68
59) 1,2,3-Trichloropropane	10.05	75	3864	0.524 ug/L #	48

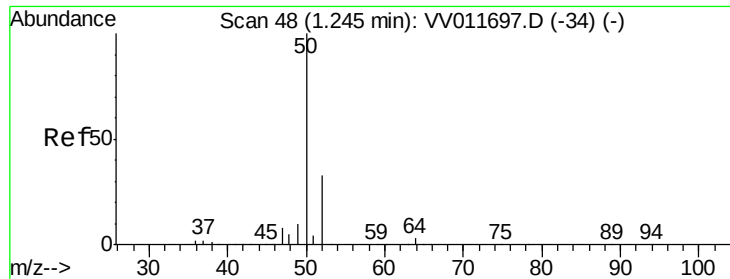
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.347 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011711.D

Acq: 22 Jun 2019 03:24

Instrument :

MSVOA_V

ClientSampleId :

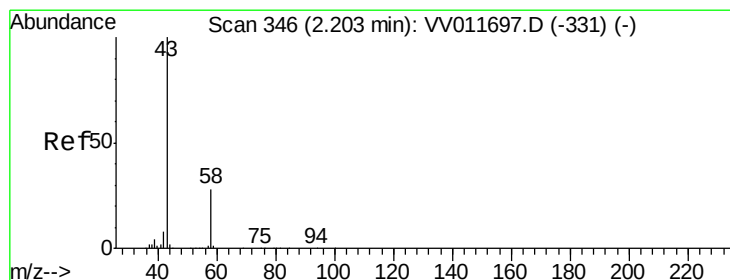
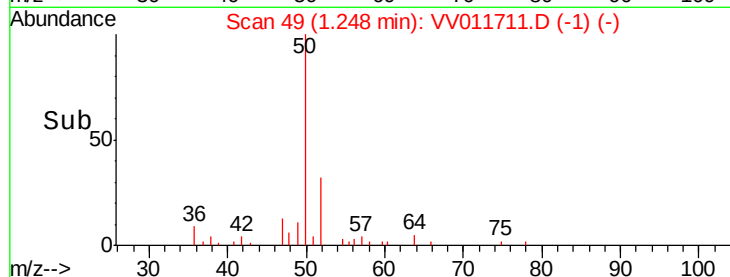
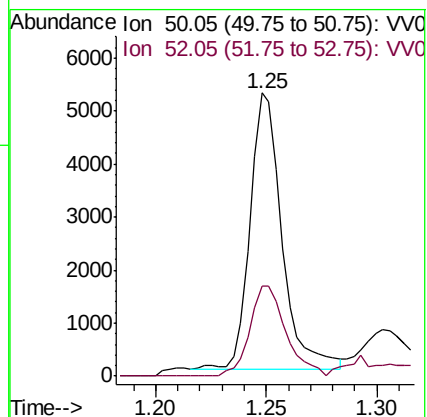
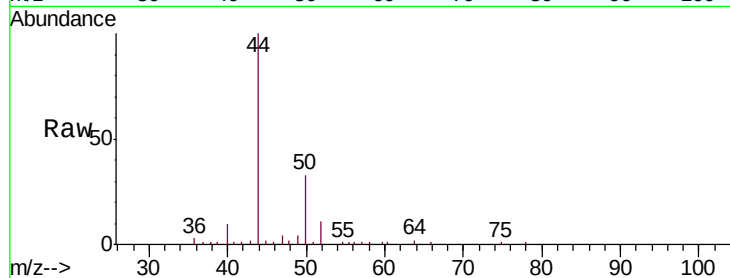
YAP00

Tgt Ion: 50 Resp: 5251

Ion Ratio Lower Upper

50 100

52 31.8 22.0 40.8



#13

Acetone

Concen: 4.592 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.03 min

Lab File: VV011711.D

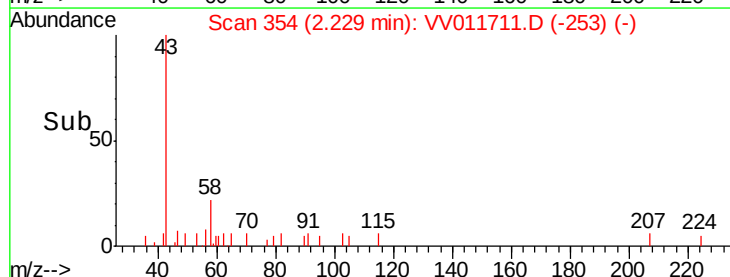
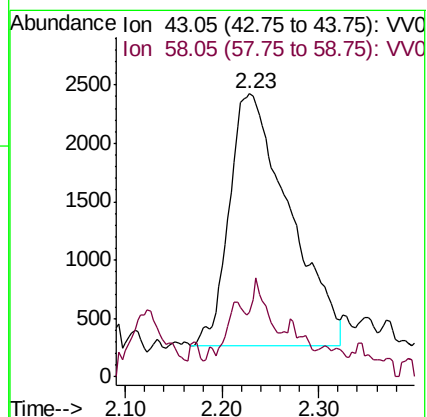
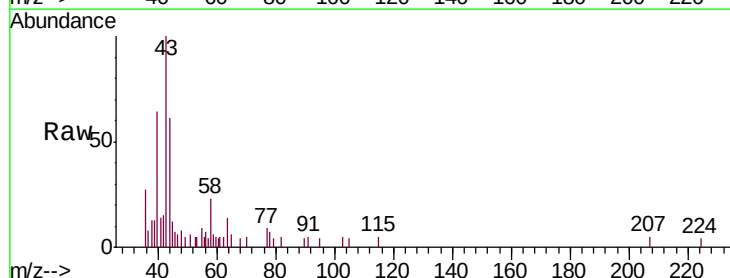
Acq: 22 Jun 2019 03:24

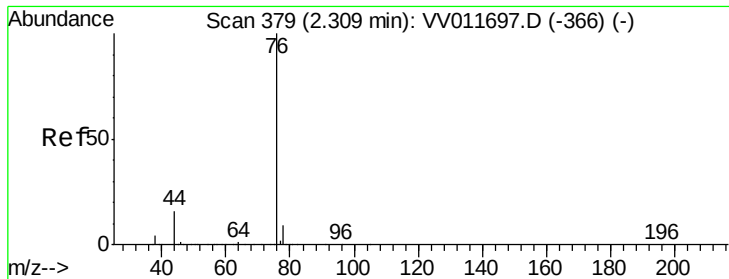
Tgt Ion: 43 Resp: 9308

Ion Ratio Lower Upper

43 100

58 8.5 0.0 56.6





#14

Carbon disulfide

Concen: 0.138 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV011711.D

Acq: 22 Jun 2019 03:24

Instrument :

MSVOA_V

ClientSampleId :

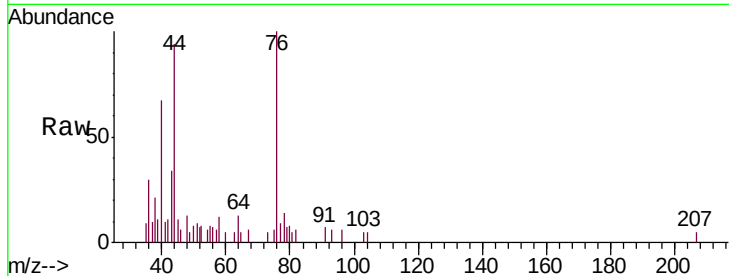
YAP00

Tgt Ion: 76 Resp: 3678

Ion Ratio Lower Upper

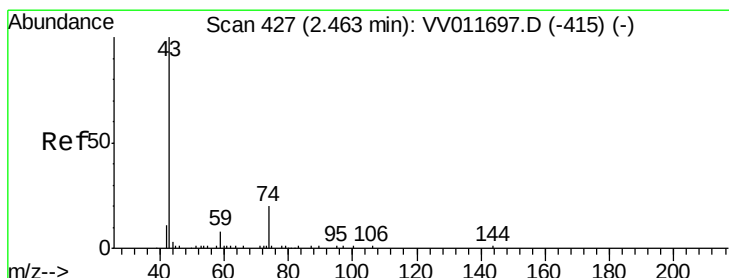
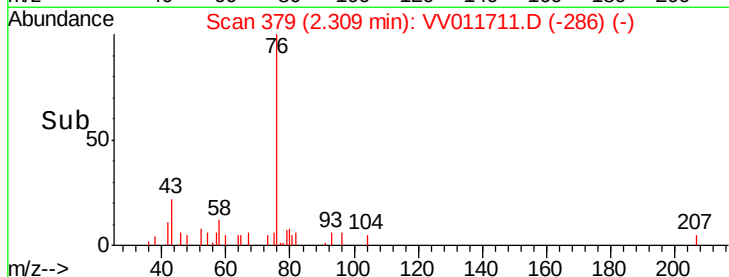
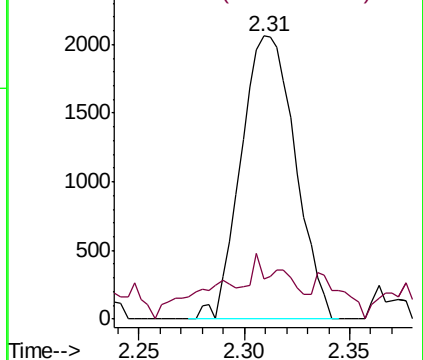
76 100

78 14.4 7.0 10.4#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.149 ug/L

RT: 2.48 min Scan# 431

Delta R.T. 0.01 min

Lab File: VV011711.D

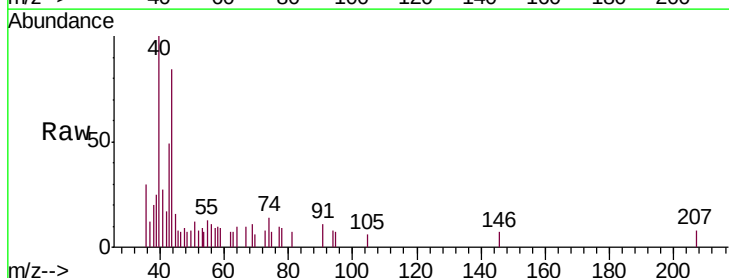
Acq: 22 Jun 2019 03:24

Tgt Ion: 43 Resp: 754

Ion Ratio Lower Upper

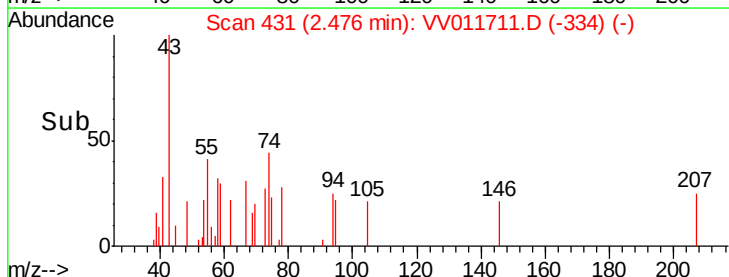
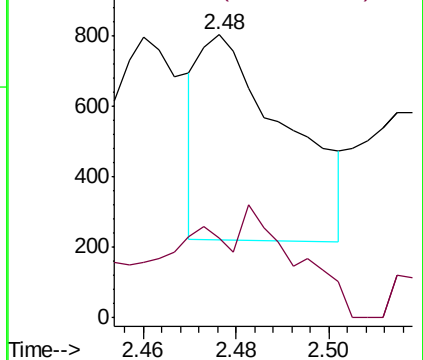
43 100

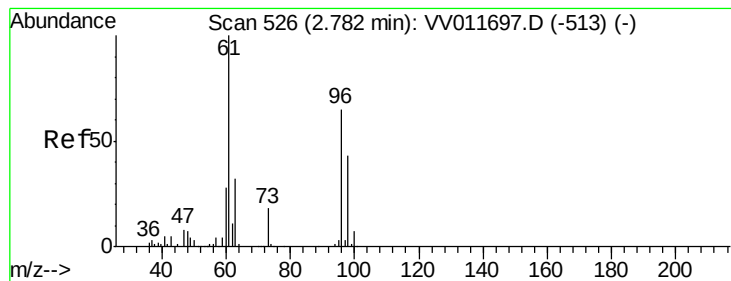
74 50.7 16.2 24.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.118 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV011711.D

Acq: 22 Jun 2019 03:24

Instrument :

MSVOA_V

ClientSampled :

YAP00

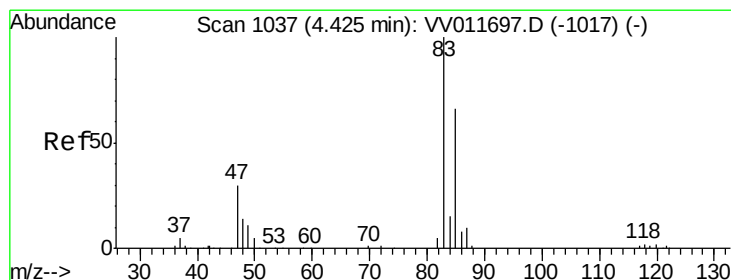
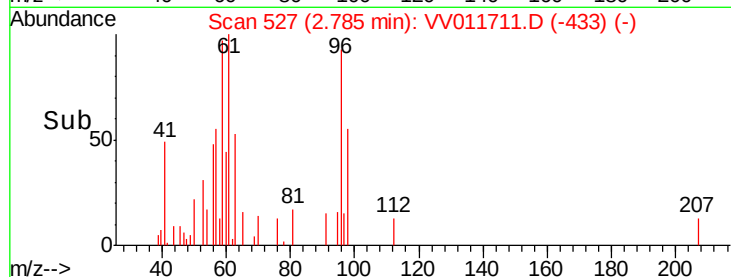
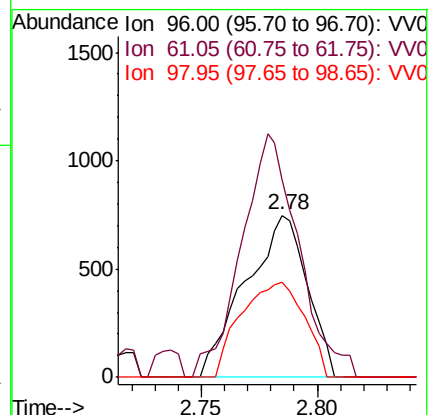
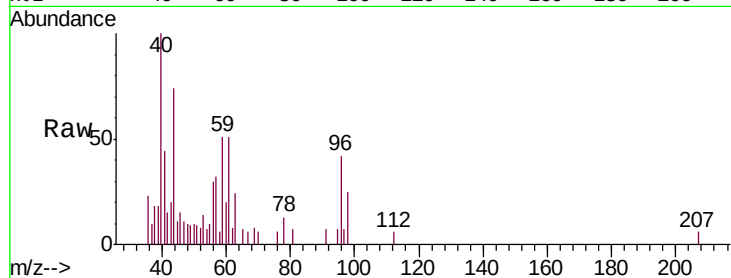
Tgt Ion: 96 Resp: 1380

Ion Ratio Lower Upper

96 100

61 122.1 109.3 203.1

98 58.9 44.6 82.8



#25

Chloroform

Concen: 0.284 ug/L

RT: 4.42 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV011711.D

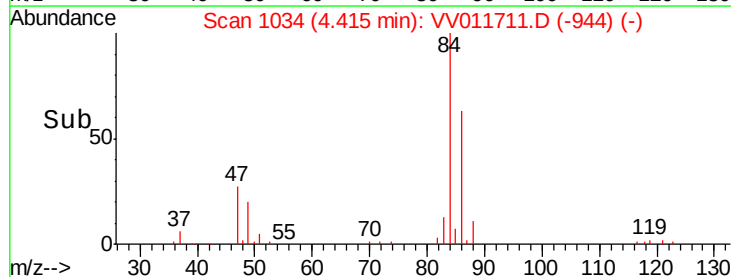
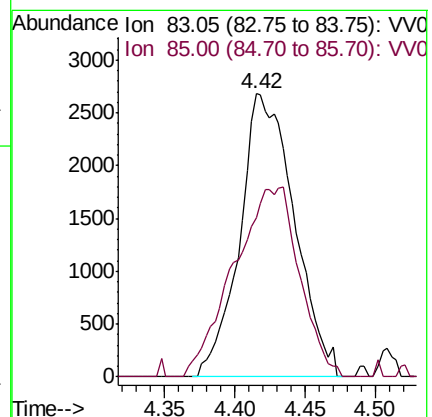
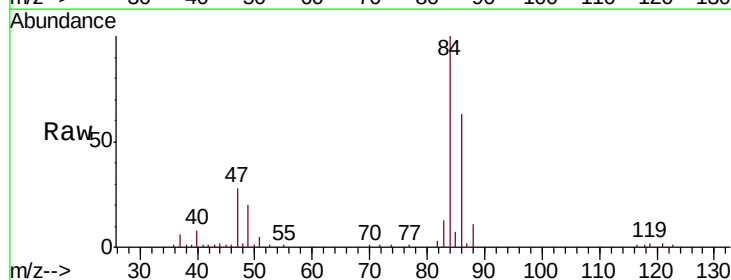
Acq: 22 Jun 2019 03:24

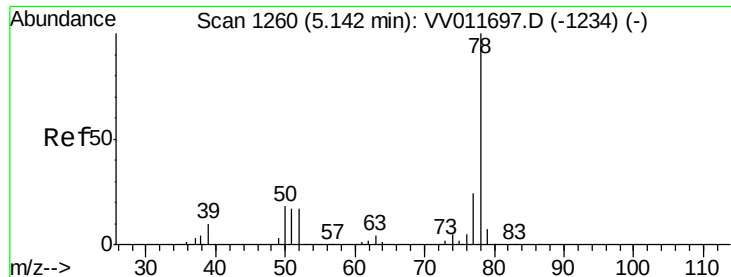
Tgt Ion: 83 Resp: 7233

Ion Ratio Lower Upper

83 100

85 56.3 47.0 87.2

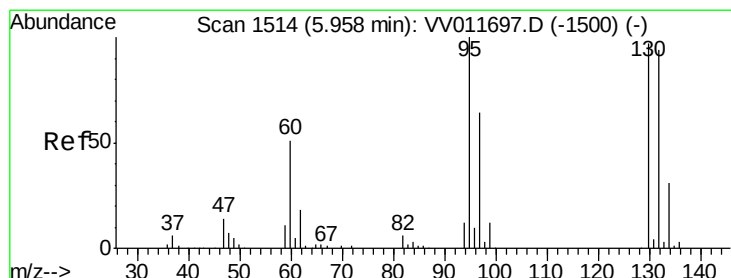
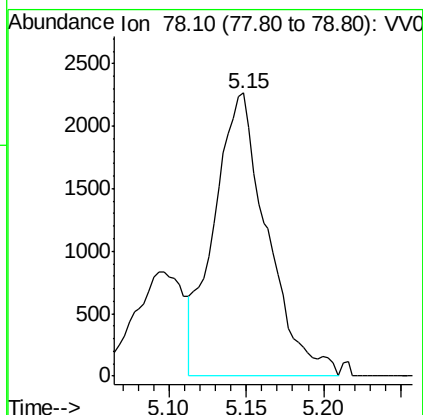
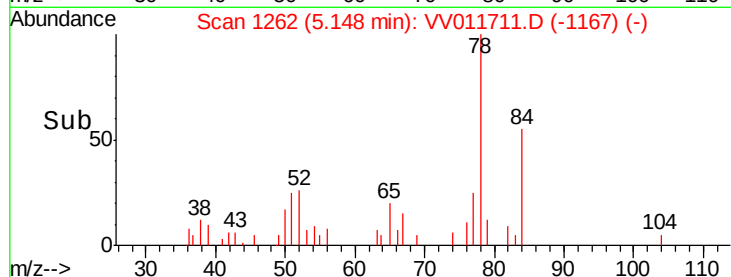
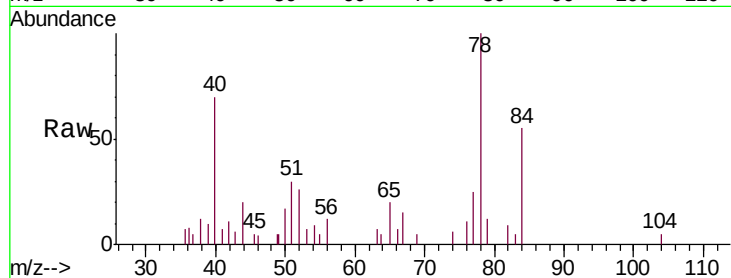




#33
Benzene
Concen: 0.108 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV011711.D
Acq: 22 Jun 2019 03:24

Instrument :
MSVOA_V
ClientSampleId :
YAP00

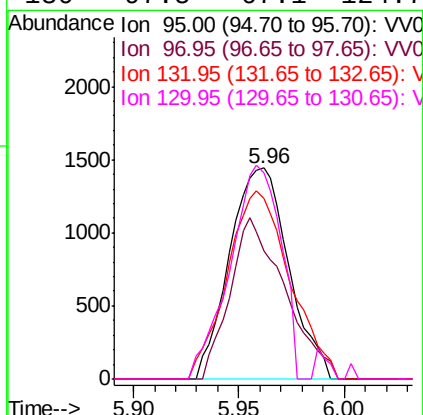
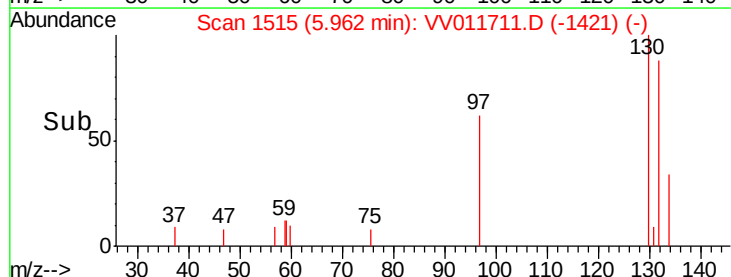
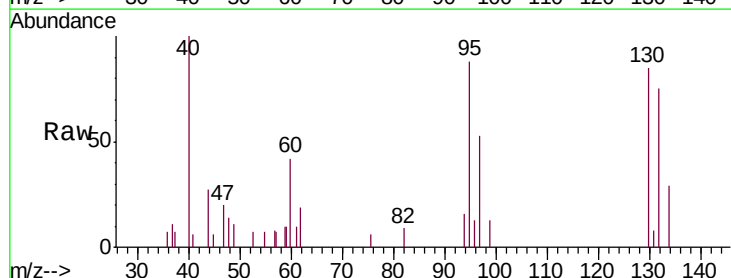
Tgt Ion: 78 Resp: 5409

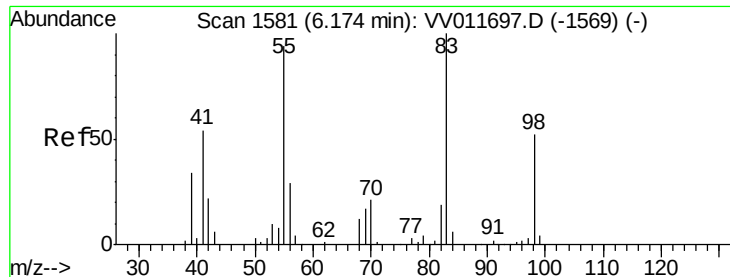


#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV011711.D
Acq: 22 Jun 2019 03:24

Tgt Ion: 95 Resp: 2809

Ion	Ratio	Lower	Upper
95	100		
97	60.6	44.4	82.5
132	85.5	65.0	120.6
130	97.5	67.1	124.7

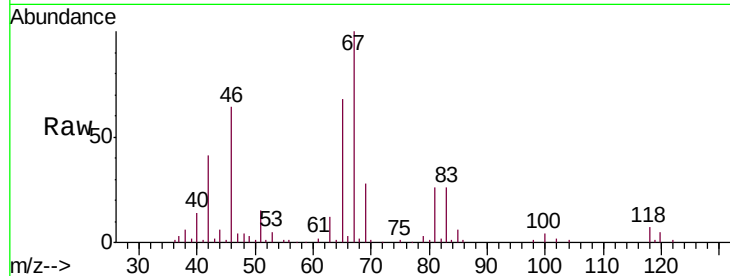




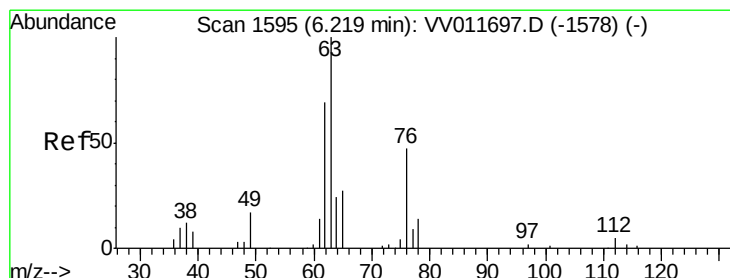
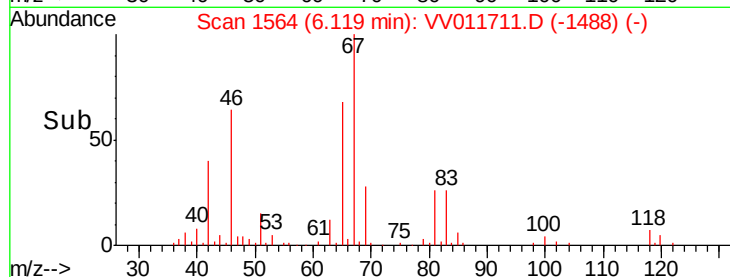
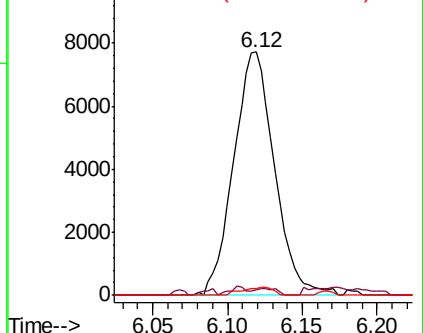
#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011711.D
Acq: 22 Jun 2019 03:24

Instrument :
MSVOA_V
ClientSampleId :
YAP00

Tgt Ion: 83 Resp: 14672
Ion Ratio Lower Upper
83 100
55 1.5 69.4 104.2#
98 2.4 40.2 60.4#

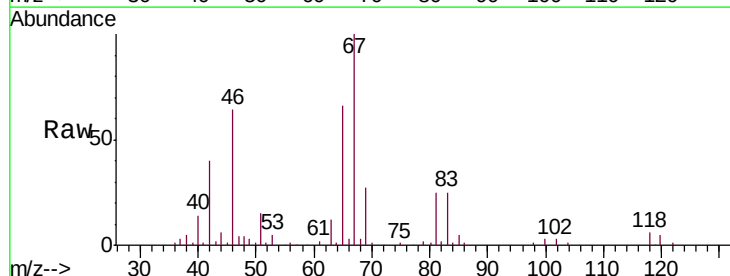


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

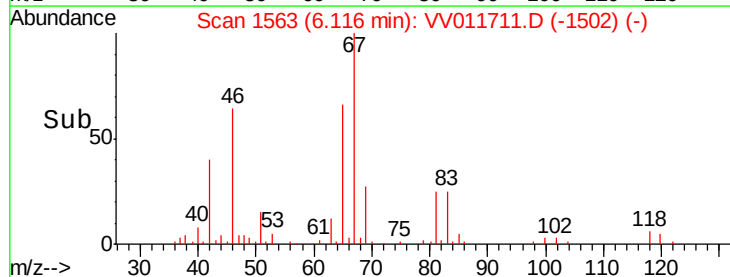
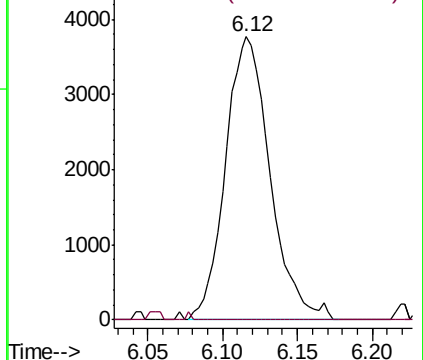


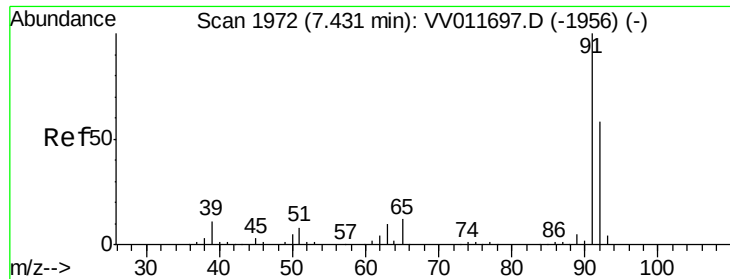
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011711.D
Acq: 22 Jun 2019 03:24

Tgt Ion: 63 Resp: 7825
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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





#42

Toluene

Concen: 0.108 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV011711.D

Acq: 22 Jun 2019 03:24

Instrument :

MSVOA_V

ClientSampleId :

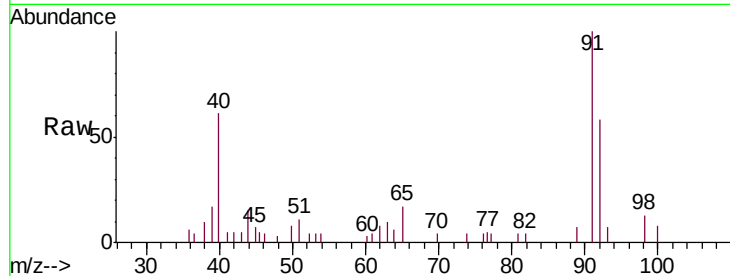
YAP00

Tgt Ion: 91 Resp: 5623

Ion Ratio Lower Upper

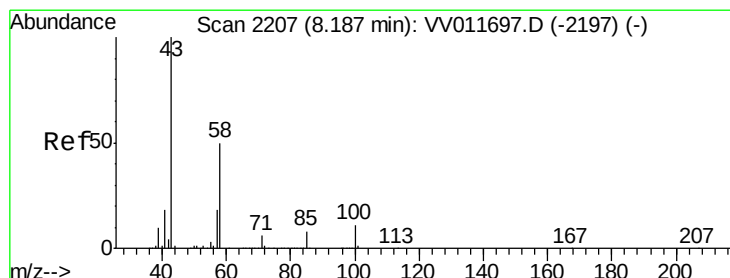
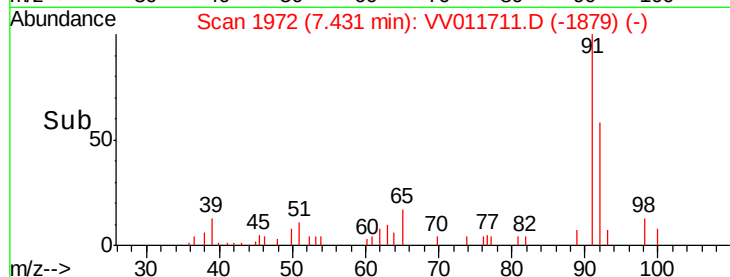
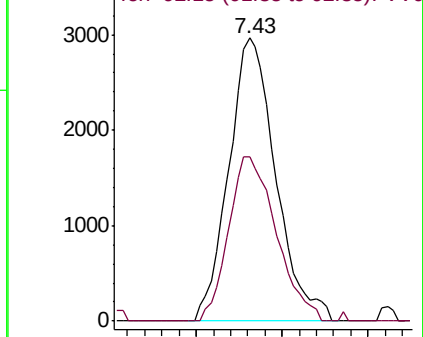
91 100

92 58.0 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VV011697.D (-1956) (-)

Ion 92.15 (91.85 to 92.85): VV011697.D (-1956) (-)



#48

2-Hexanone

Concen: 3.473 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV011711.D

Acq: 22 Jun 2019 03:24

Tgt Ion: 43 Resp: 19434

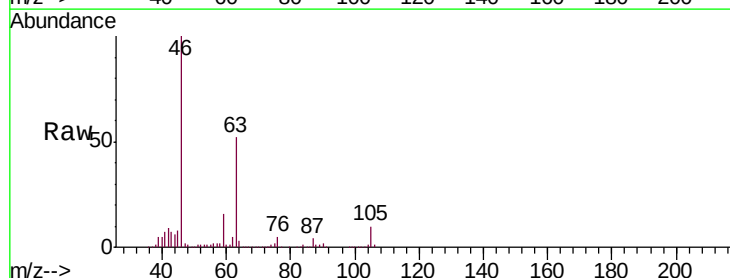
Ion Ratio Lower Upper

43 100

58 23.4 40.1 60.1#

57 25.2 14.4 21.6#

100 1.5 8.6 12.8#

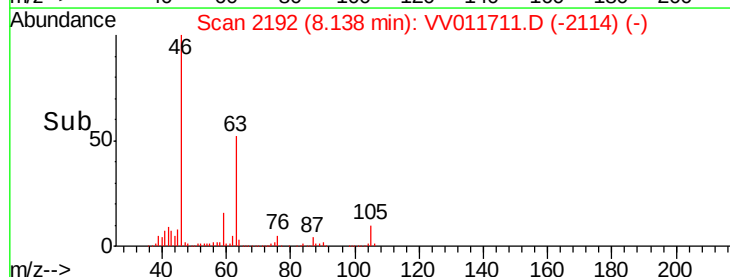
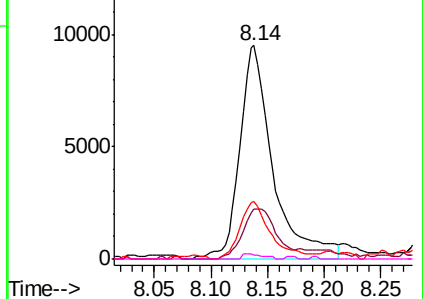


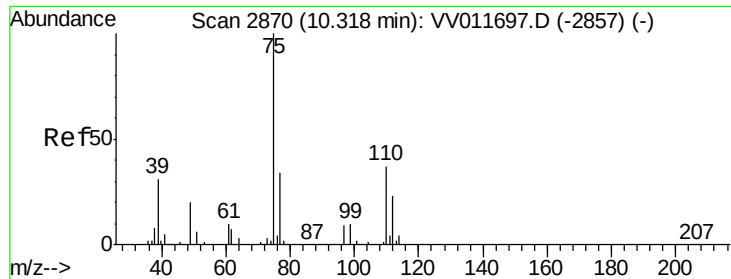
Abundance Ion 43.05 (42.75 to 43.75): VV011697.D (-2197) (-)

Ion 58.05 (57.75 to 58.75): VV011697.D (-2197) (-)

Ion 57.20 (56.90 to 57.90): VV011697.D (-2197) (-)

Ion 100.15 (99.85 to 100.85): VV011697.D (-2197) (-)





#59
 1,2,3-Trichloropropane
 Concen: 0.524 ug/L
 RT: 10.05 min Scan# 2788
 Delta R.T. -0.26 min
 Lab File: VV011711.D
 Acq: 22 Jun 2019 03:24

Instrument :
 MSVOA_V
 ClientSampleId :
 YAP00

Tgt Ion: 75 Resp: 3864
 Ion Ratio Lower Upper
 75 100
 77 2.5 25.2 37.8#

