

Data File : VV008230.D
Acq On : 10 Oct 2018 13:09
Operator : SY/MD
Sample : J5315-19
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JB0

Quant Time: Oct 11 02:01:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	85850	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82969	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38842	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20342	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.59	69	18485	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.14	63	30815	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	3.96	46	65930	52.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.00%
24) Chloroform-d	4.41	84	49622	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	25438	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	93286	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.13	67	30720	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.36	98	80158	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.67	79	9973	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	34741	37.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.48%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20149	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	34005	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

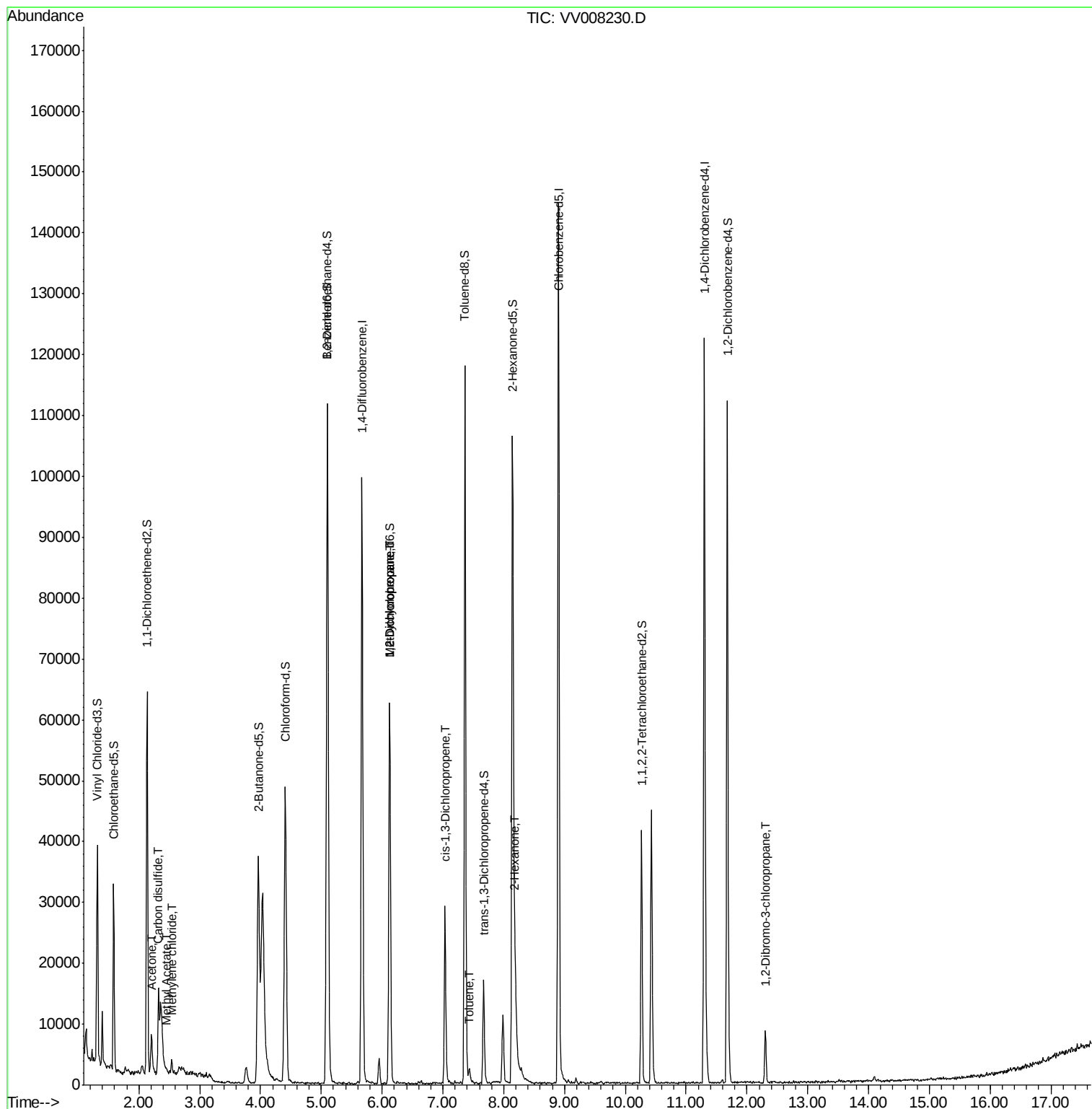
					Qvalue
13) Acetone	2.21	43	6956	8.098	ug/L 95
14) Carbon disulfide	2.32	76	13755	1.162	ug/L 98
15) Methyl Acetate	2.47	43	279	0.137	ug/L # 53
16) Methylene chloride	2.54	84	627	0.111	ug/L 92
35) Methylcyclohexane	6.12	83	7021	0.823	ug/L # 25
37) 1,2-Dichloropropane	6.12	63	3359	0.595	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	642	0.089	ug/L # 45
42) Toluene	7.44	91	1665	0.075	ug/L 91
48) 2-Hexanone	8.19	43	8782	4.041	ug/L 93
66) 1,2-Dibromo-3-chloropropan	12.30	75	212	0.363	ug/L # 1

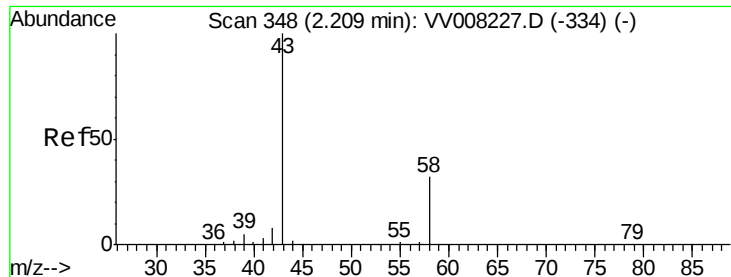
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.098 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV008230.D

Acq: 10 Oct 2018 13:09

Instrument :

MSVOA_V

ClientSampleId :

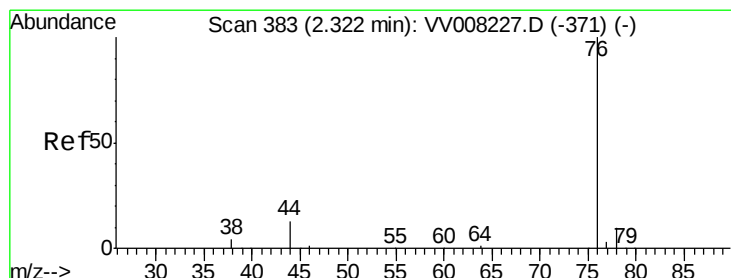
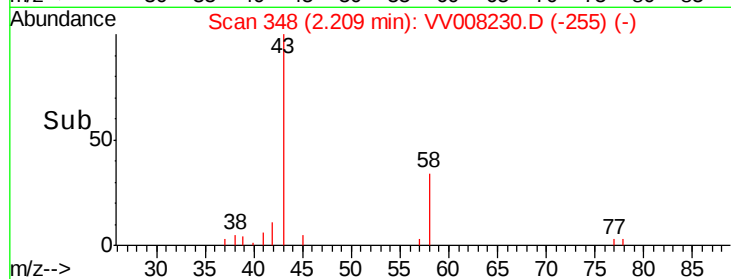
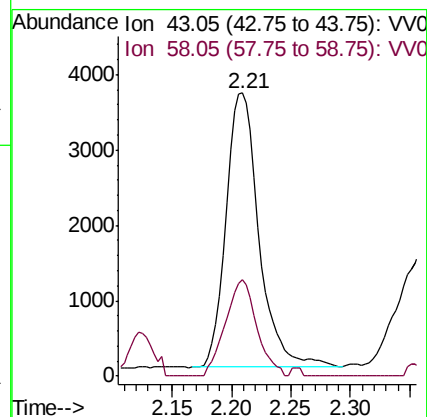
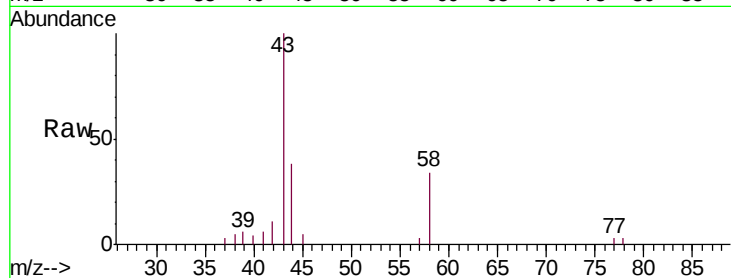
C0JB0

Tgt Ion: 43 Resp: 6956

Ion Ratio Lower Upper

43 100

58 33.6 0.0 62.2



#14

Carbon disulfide

Concen: 1.162 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.00 min

Lab File: VV008230.D

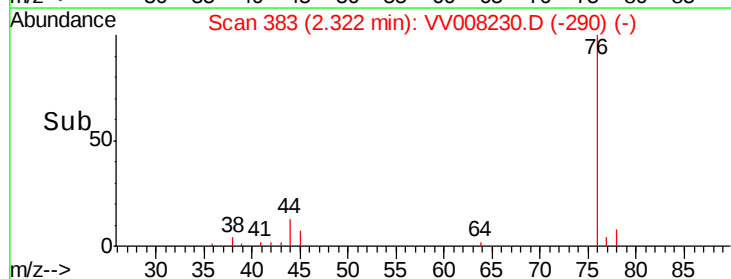
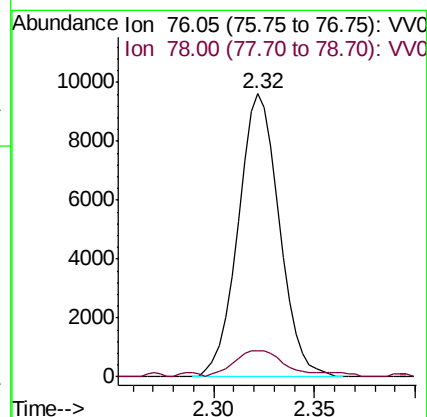
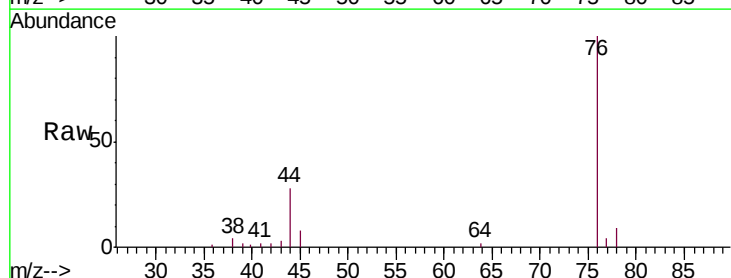
Acq: 10 Oct 2018 13:09

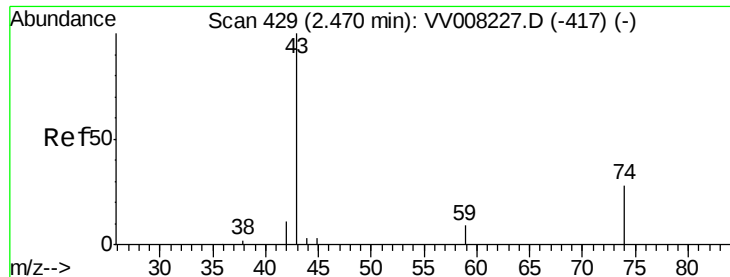
Tgt Ion: 76 Resp: 13755

Ion Ratio Lower Upper

76 100

78 9.4 8.0 12.0

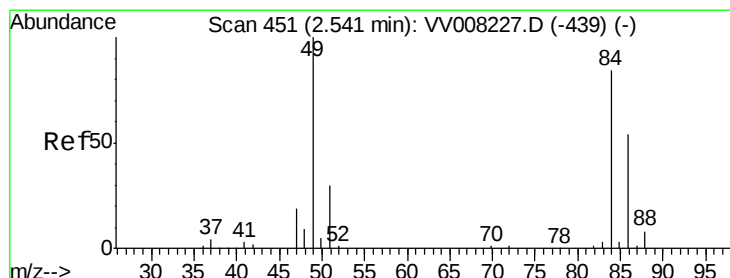
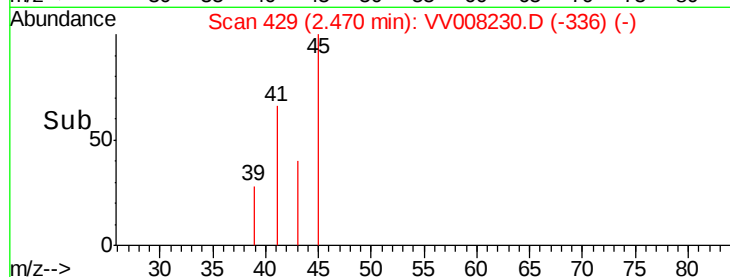
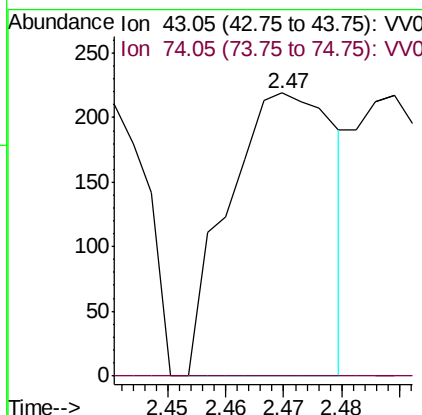
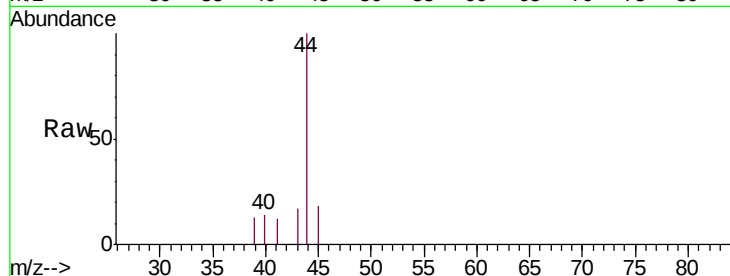




#15
Methyl Acetate
Concen: 0.137 ug/L
RT: 2.47 min Scan# 429
Delta R.T. -0.00 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

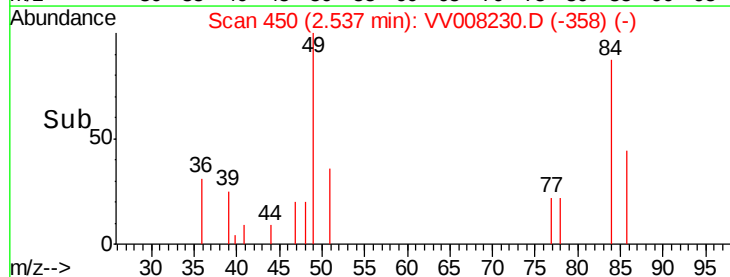
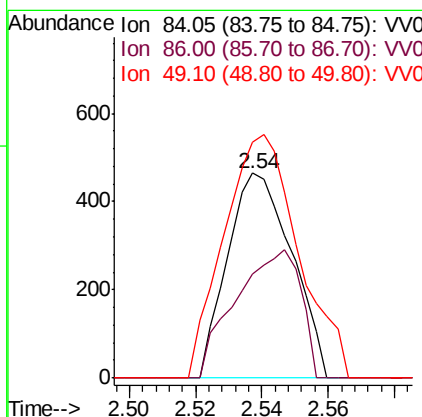
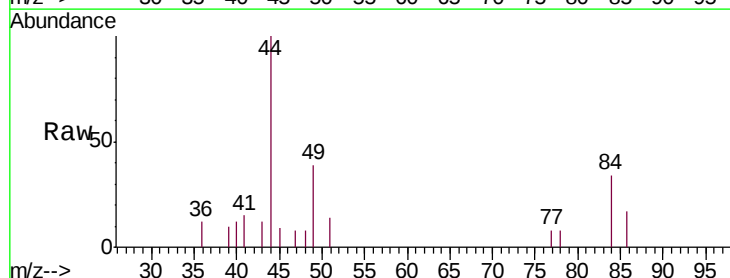
Instrument :
MSVOA_V
ClientSampleId :
C0JB0

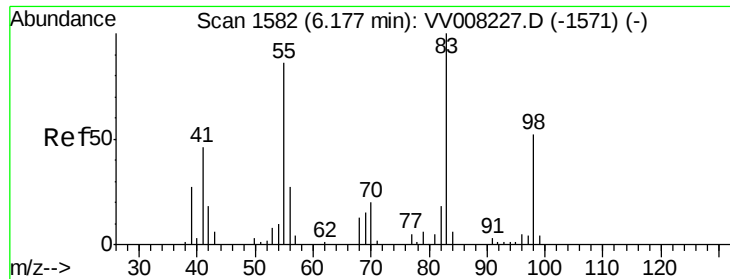
Tgt Ion: 43 Resp: 279
Ion Ratio Lower Upper
43 100
74 0.0 18.1 27.1#



#16
Methylene chloride
Concen: 0.111 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

Tgt Ion: 84 Resp: 627
Ion Ratio Lower Upper
84 100
86 50.8 45.3 84.1
49 115.3 83.0 154.1

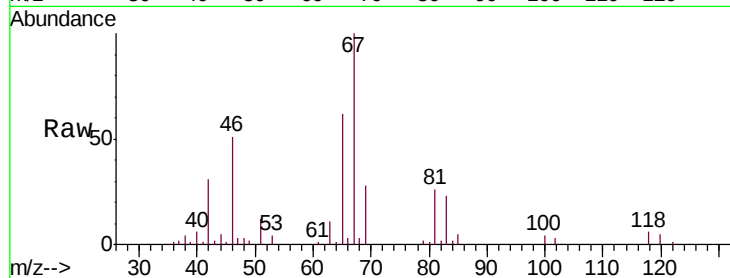




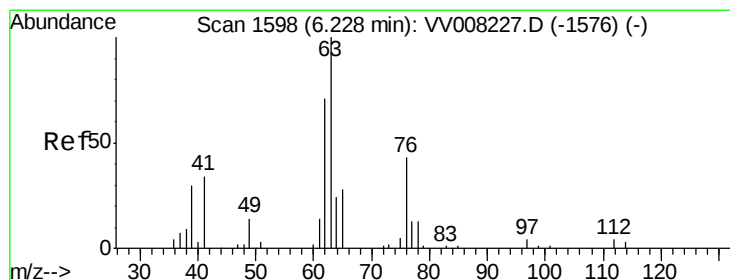
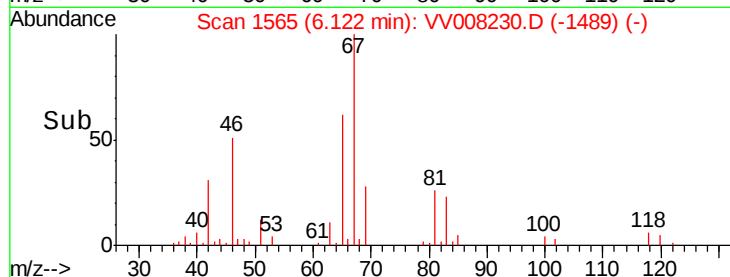
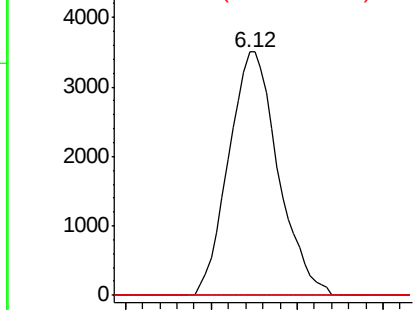
#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

Instrument :
MSVOA_V
ClientSampleId :
C0JB0

Tgt Ion: 83 Resp: 7021
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 14.1 38.3 57.5#

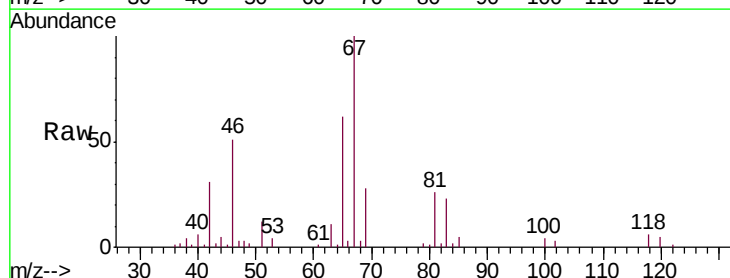


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

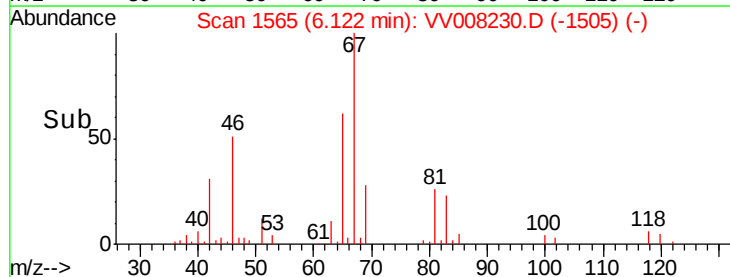
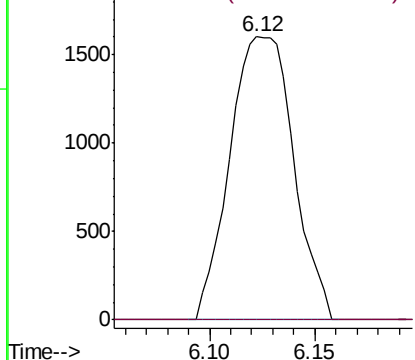


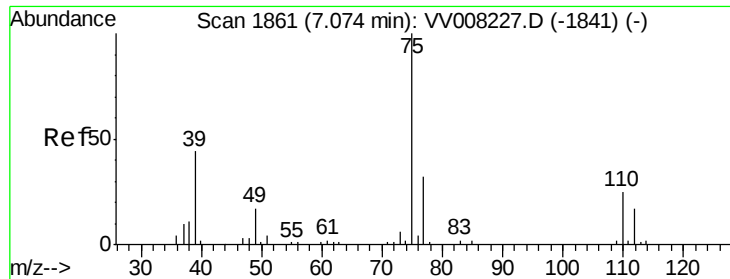
#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.11 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

Tgt Ion: 63 Resp: 3359
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

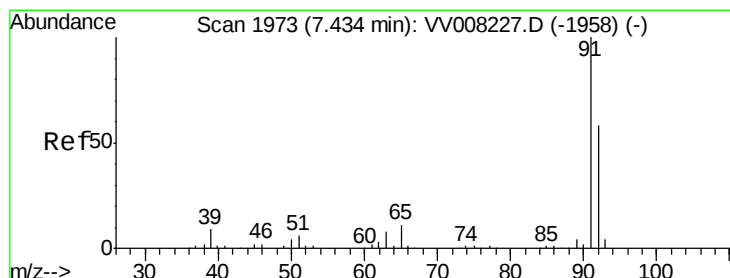
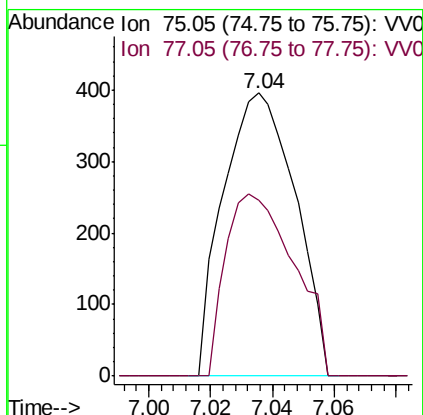
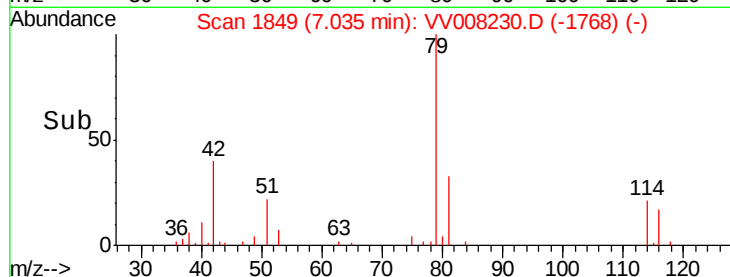
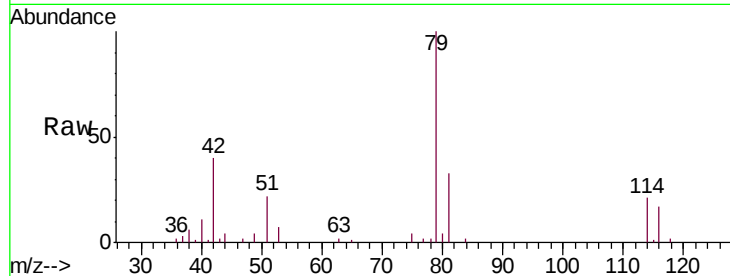




#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008230.D
 Acq: 10 Oct 2018 13:09

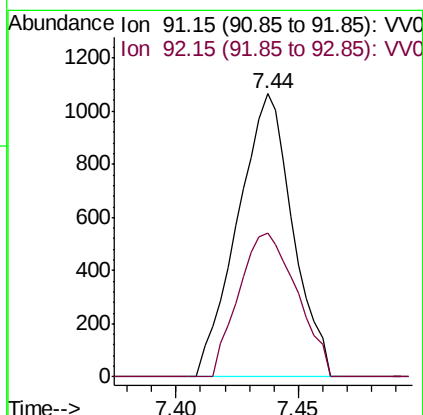
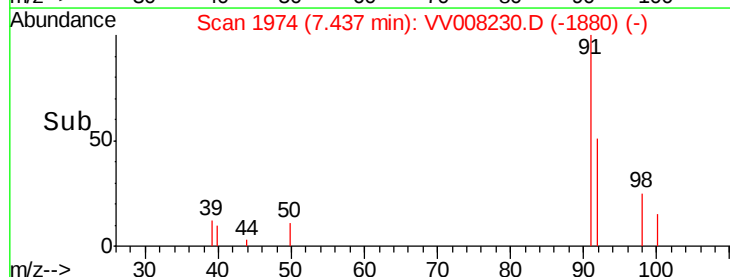
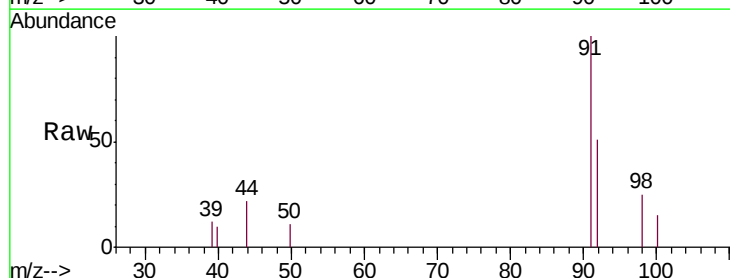
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB0

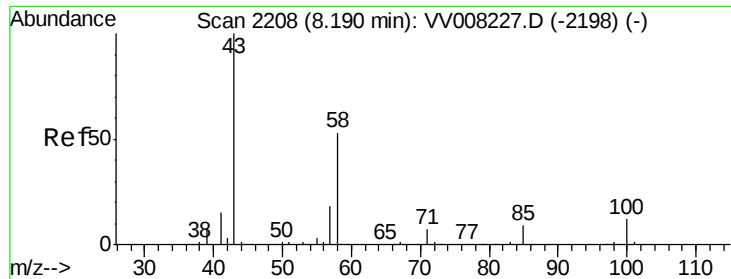
Tgt Ion: 75 Resp: 642
 Ion Ratio Lower Upper
 75 100
 77 61.9 22.1 41.1#



#42
 Toluene
 Concen: 0.075 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV008230.D
 Acq: 10 Oct 2018 13:09

Tgt Ion: 91 Resp: 1665
 Ion Ratio Lower Upper
 91 100
 92 50.7 39.9 74.1

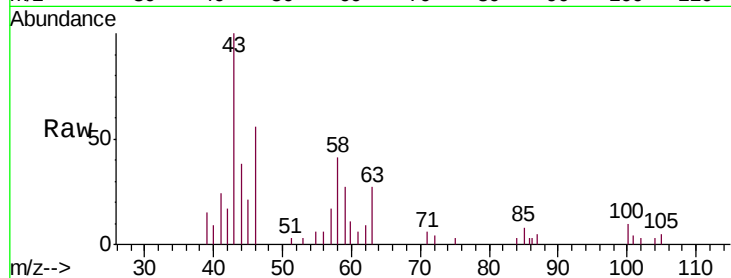




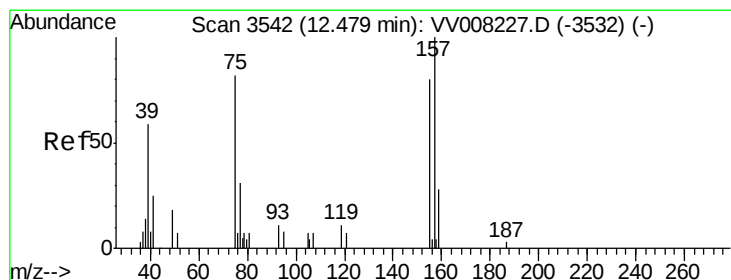
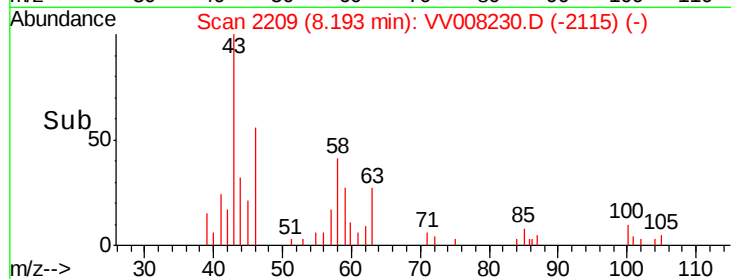
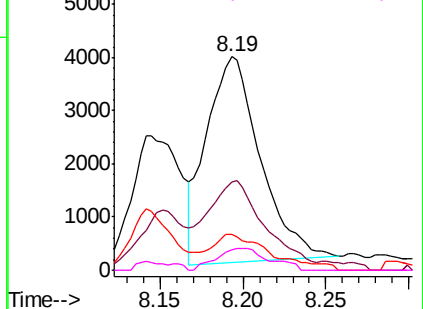
#48
2-Hexanone
Concen: 4.041 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

Instrument :
MSVOA_V
ClientSampleId :
C0JB0

Tgt Ion: 43 Resp: 8782
Ion Ratio Lower Upper
43 100
58 43.4 40.5 60.7
57 19.0 14.6 22.0
100 10.3 9.3 13.9

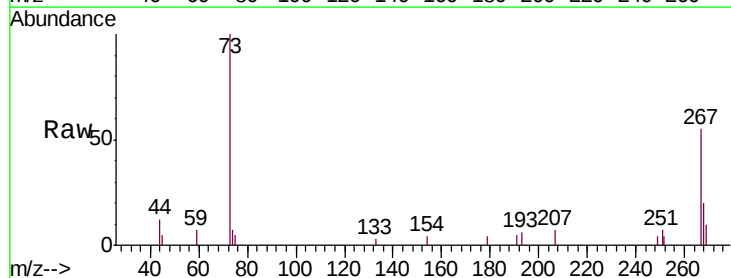


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#66
1,2-Dibromo-3-chloropropane
Concen: 0.363 ug/L
RT: 12.30 min Scan# 3487
Delta R.T. -0.18 min
Lab File: VV008230.D
Acq: 10 Oct 2018 13:09

Tgt Ion: 75 Resp: 212
Ion Ratio Lower Upper
75 100
155 0.0 74.7 112.1#
157 0.0 93.1 139.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 154.95 (154.65 to 155.65): VV0
Ion 156.90 (156.60 to 157.60): VV0

