

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072618\
 Data File : VV006713.D
 Acq On : 26 Jul 2018 19:17
 Operator : SY/MD
 Sample : J4190-01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE741

Quant Time: Jul 27 00:53:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 27 00:52:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247883	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228900	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84859	6.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.60%#
7) Chloroethane-d5	1.58	69	62239	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.13	63	112365	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.96	46	195152	48.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	4.41	84	135763	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.09	65	68839	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	288662	6.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.80%
36) 1,2-Dichloropropane-d6	6.12	67	90911	5.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.40%
41) Toluene-d8	7.37	98	248143	6.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.60%
43) trans-1,3-Dichloropropene-	7.67	79	29786	5.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.80%
46) 2-Hexanone-d5	8.14	63	155670	47.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65587	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	87128	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

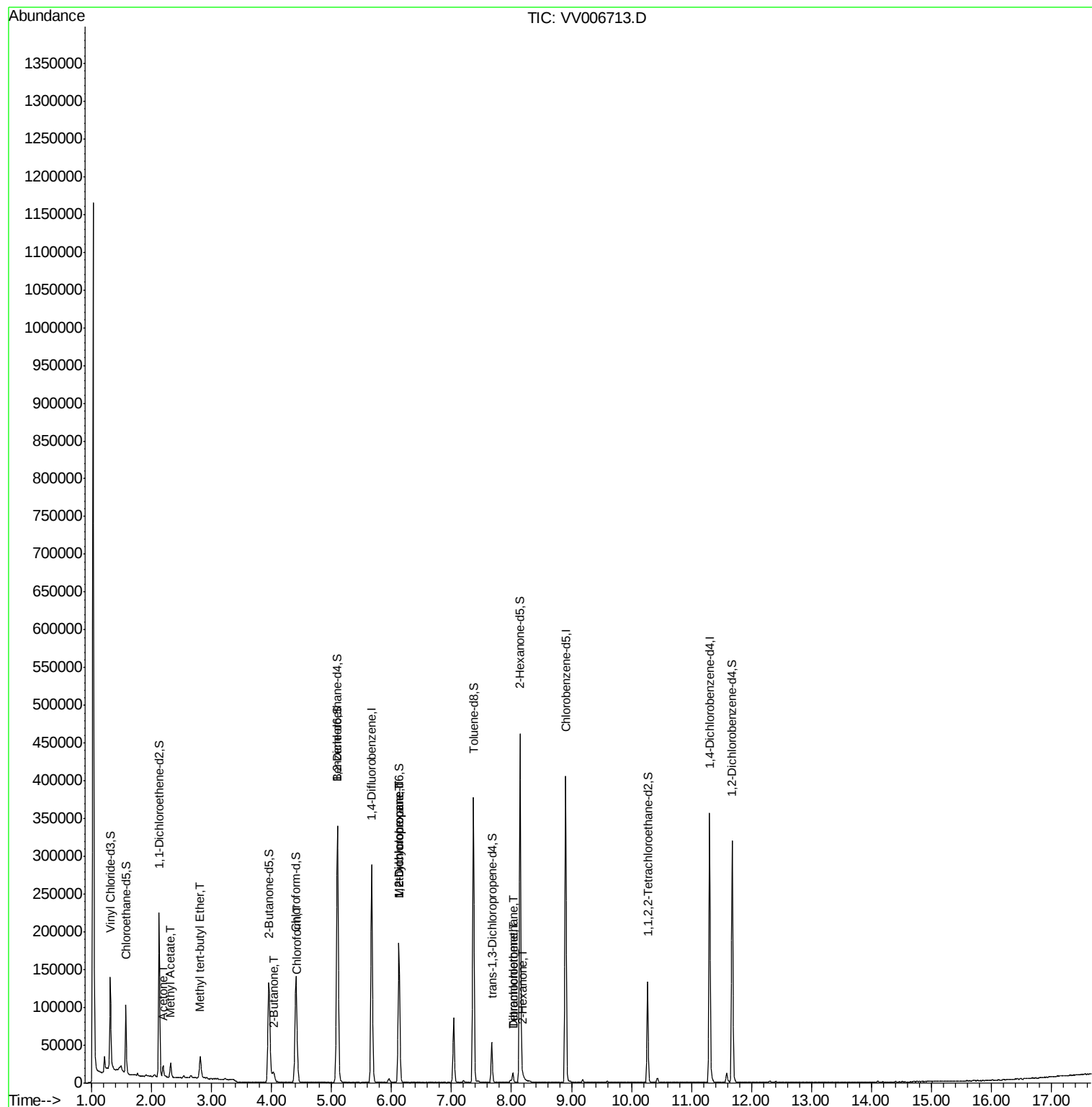
					Qvalue
13) Acetone	2.19	43	11497	4.483	ug/L 100
15) Methyl Acetate	2.32	43	4331	0.570	ug/L # 49
17) Methyl tert-butyl Ether	2.81	73	27723	0.696	ug/L 98
21) 2-Butanone	4.04	43	4710	1.096	ug/L 86
25) Chloroform	4.43	83	8387	0.275	ug/L 99
35) Methylcyclohexane	6.12	83	22047	0.760	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	9197	0.521	ug/L # 86
47) Tetrachloroethene	8.03	164	2917	0.211	ug/L 89
48) 2-Hexanone	8.19	43	2690	0.397	ug/L # 90
49) Dibromochloromethane	8.03	129	2808	0.223	ug/L # 11

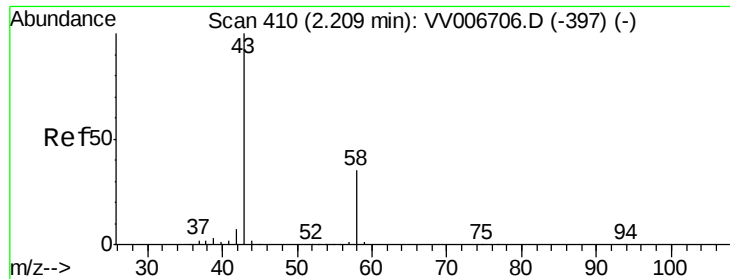
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 27 00:52:23 2018
Response via : Initial Calibration





#13

Acetone

Concen: 4.483 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.02 min

Lab File: VV006713.D

Acq: 26 Jul 2018 19:17

Instrument :

MSVOA_V

ClientSampleId :

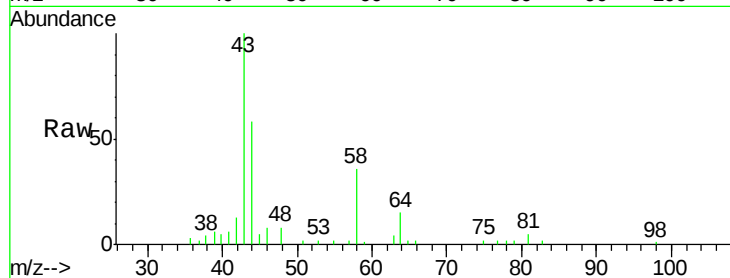
BE741

Tgt Ion: 43 Resp: 11497

Ion Ratio Lower Upper

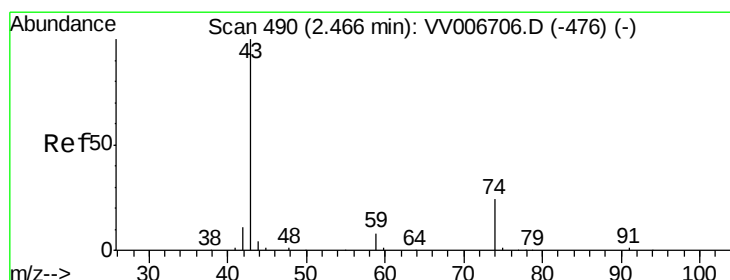
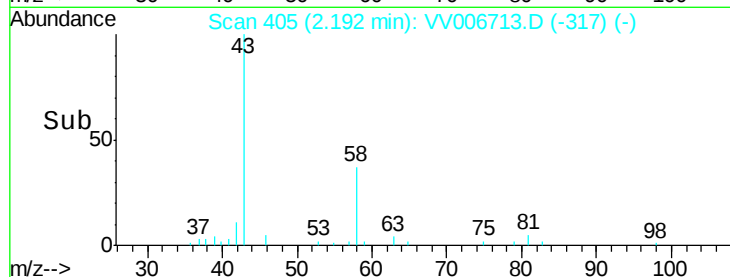
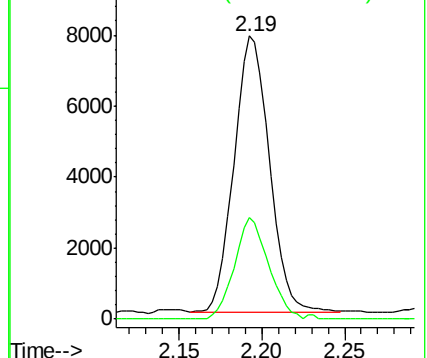
43 100

58 35.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 0.570 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.14 min

Lab File: VV006713.D

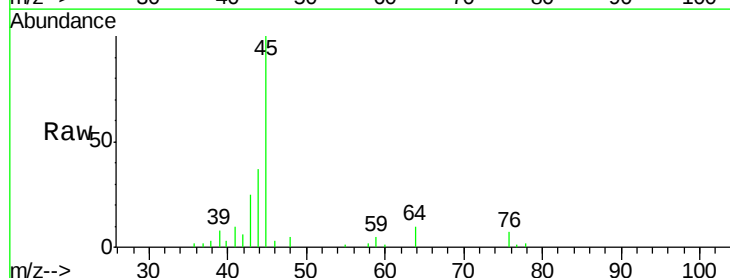
Acq: 26 Jul 2018 19:17

Tgt Ion: 43 Resp: 4331

Ion Ratio Lower Upper

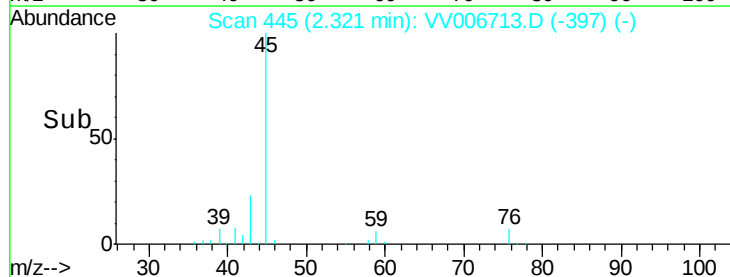
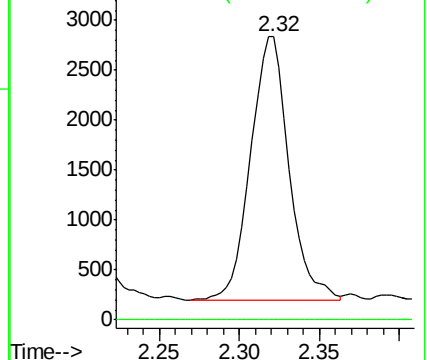
43 100

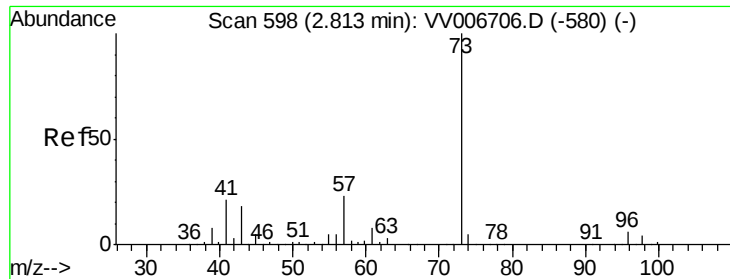
74 0.0 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

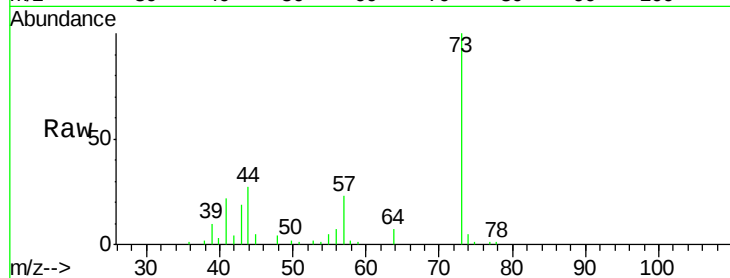




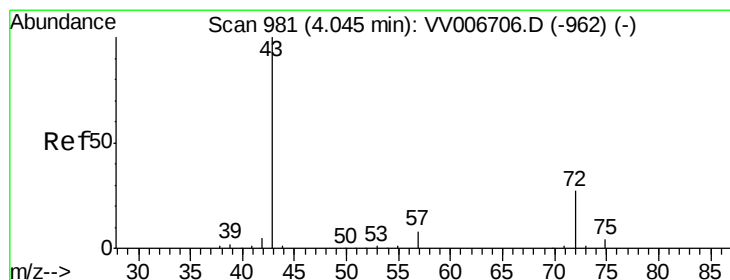
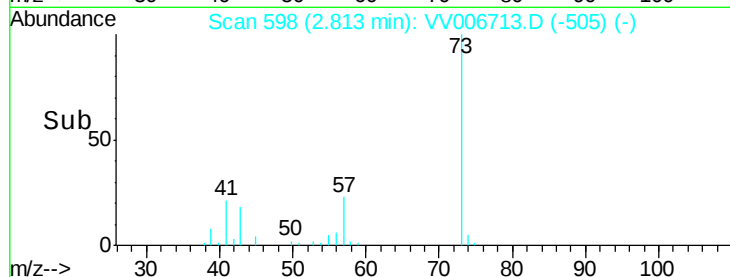
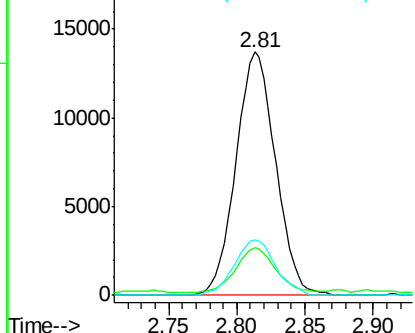
#17
Methyl tert-butyl Ether
Concen: 0.696 ug/L
RT: 2.81 min Scan# 598
Delta R.T. -0.00 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

Instrument :
MSVOA_V
ClientSampleId :
BE741

Tgt Ion: 73 Resp: 27723
Ion Ratio Lower Upper
73 100
43 18.1 14.2 21.4
57 23.8 18.2 27.2

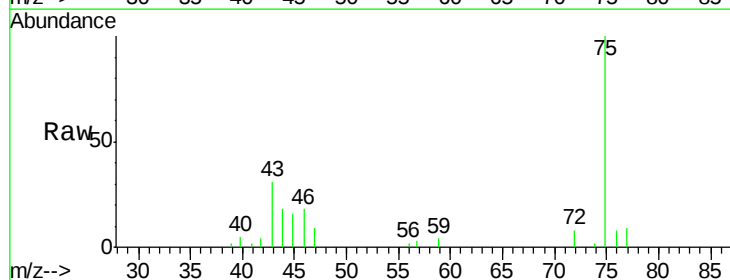


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

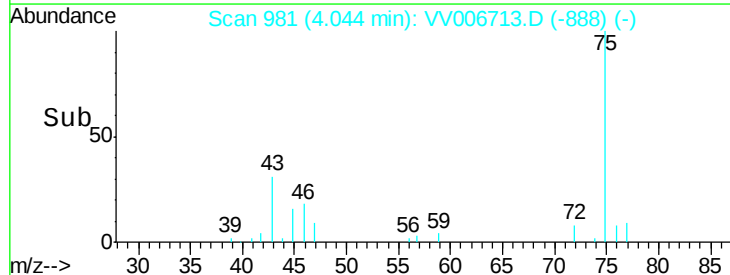
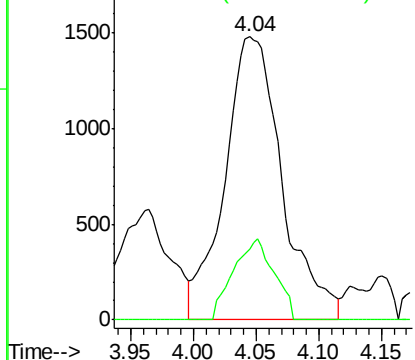


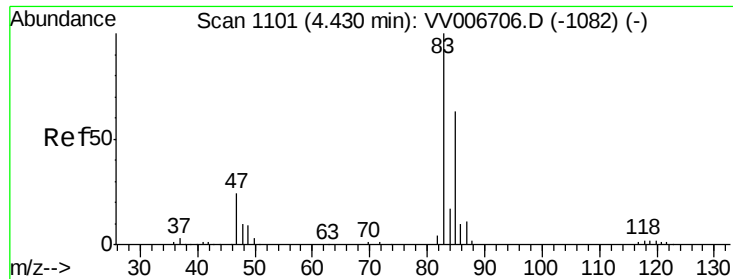
#21
2-Butanone
Concen: 1.096 ug/L
RT: 4.04 min Scan# 981
Delta R.T. -0.00 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

Tgt Ion: 43 Resp: 4710
Ion Ratio Lower Upper
43 100
72 20.4 13.8 41.4



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

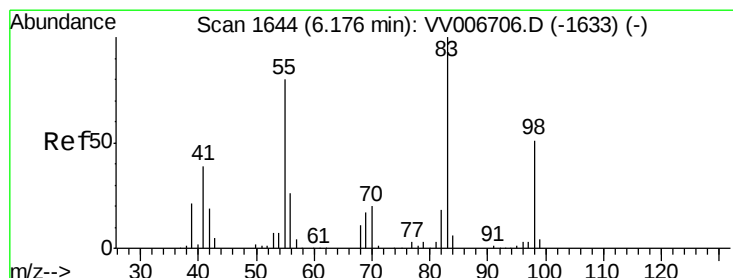
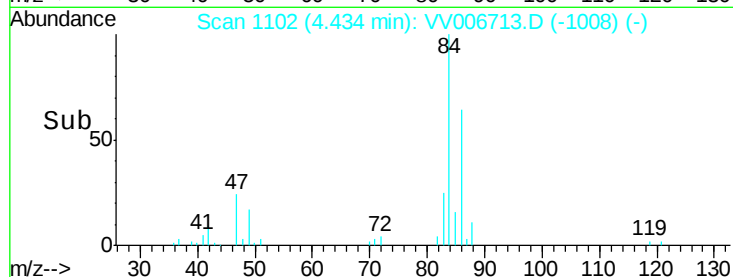
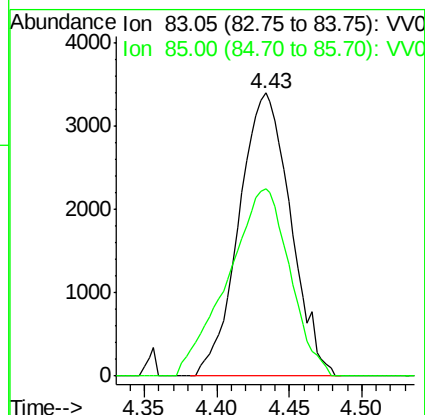
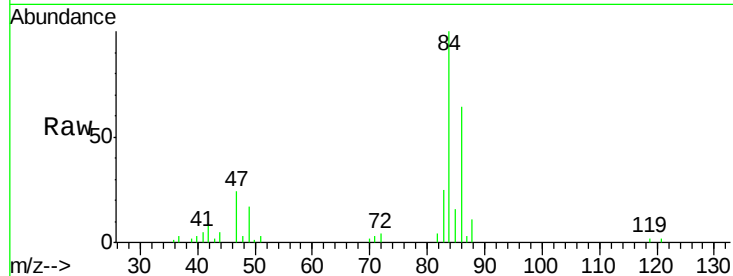




#25
Chloroform
Concen: 0.275 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

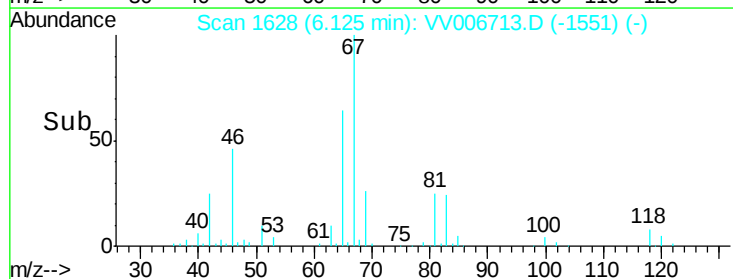
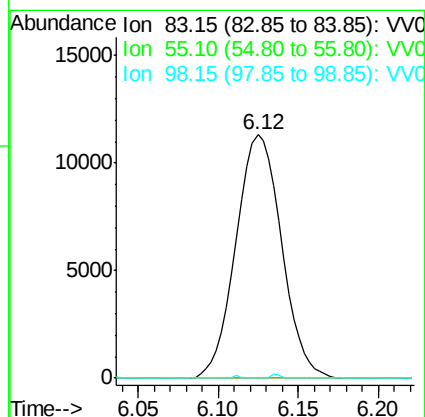
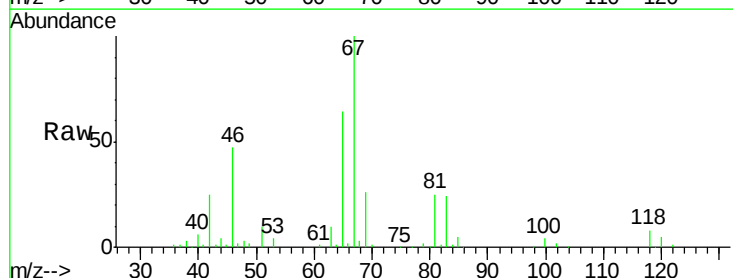
Instrument :
MSVOA_V
ClientSampleId :
BE741

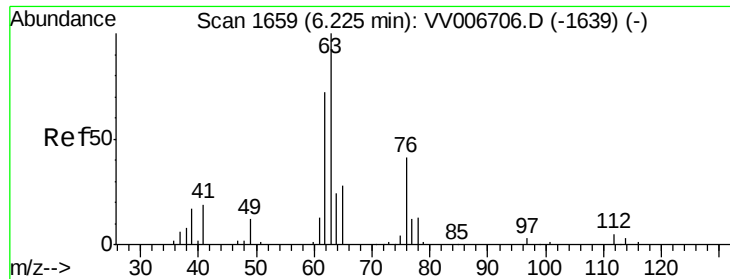
Tgt Ion: 83 Resp: 8387
Ion Ratio Lower Upper
83 100
85 66.4 46.1 85.5



#35
Methylcyclohexane
Concen: 0.760 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

Tgt Ion: 83 Resp: 22047
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.3 39.7 59.5#





#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VV006713.D

Acq: 26 Jul 2018 19:17

Instrument :

MSVOA_V

ClientSampleId :

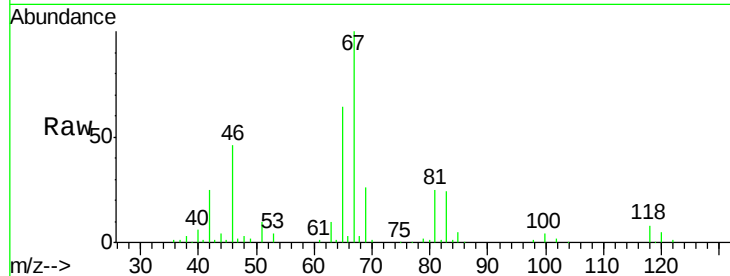
BE741

Tgt Ion: 63 Resp: 9197

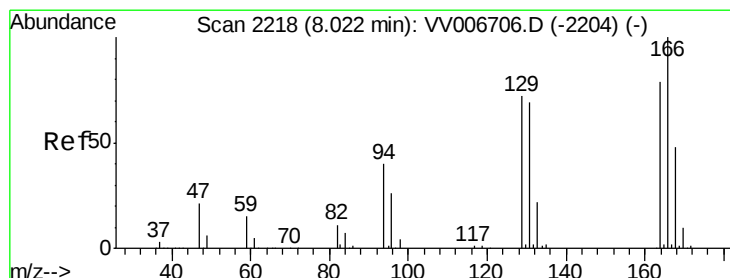
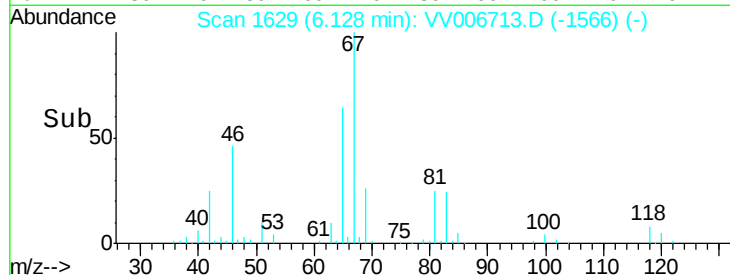
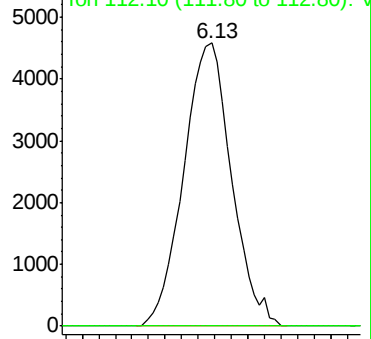
Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV006713.D (-1566) (-)



#47

Tetrachloroethene

Concen: 0.211 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV006713.D

Acq: 26 Jul 2018 19:17

Tgt Ion: 164 Resp: 2917

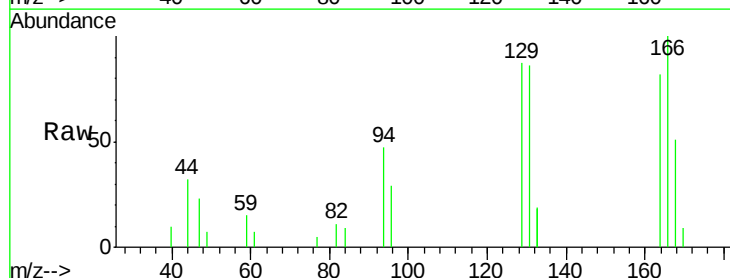
Ion Ratio Lower Upper

164 100

129 107.1 65.0 120.8

131 105.6 61.9 115.1

166 122.6 89.3 165.9

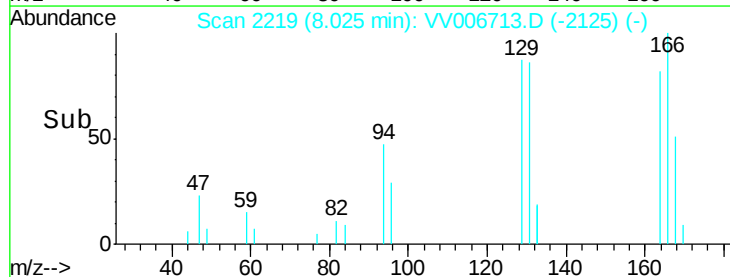
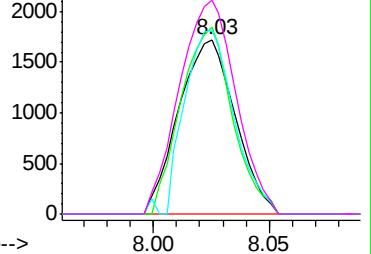


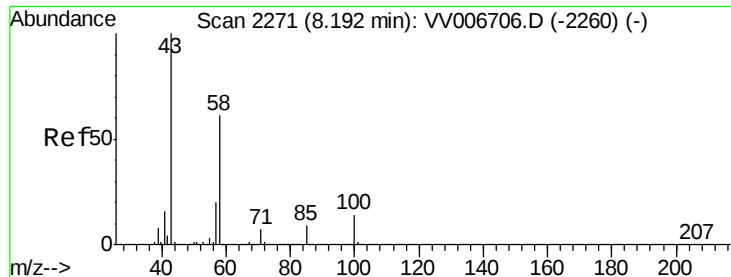
Abundance Ion 163.90 (163.60 to 164.60): VV006713.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VV006713.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VV006713.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VV006713.D (-2125) (-)

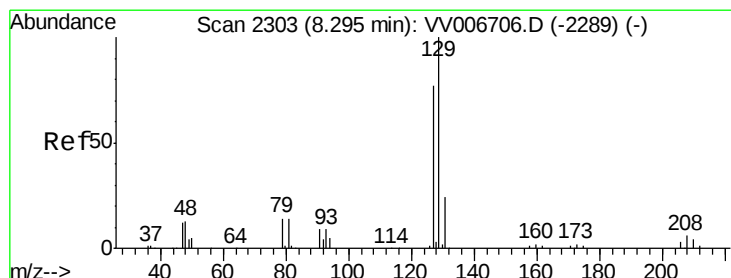
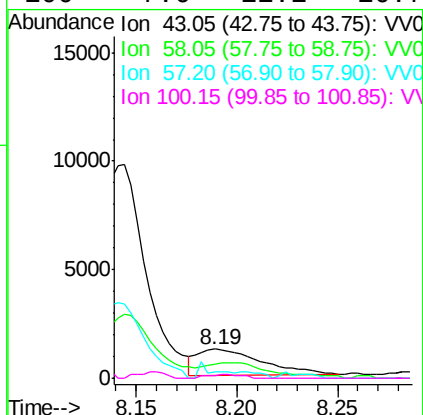
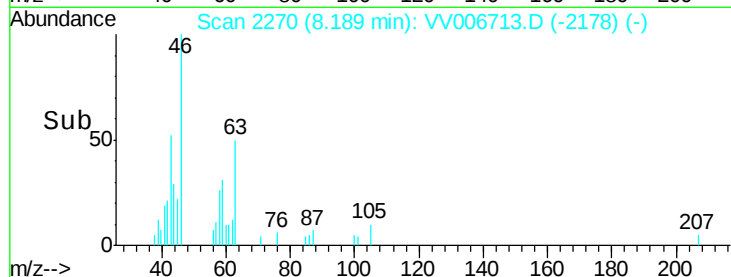
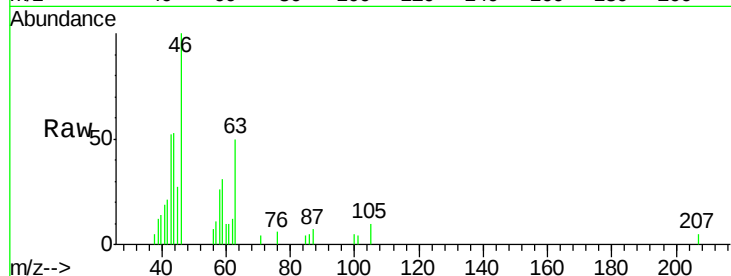




#48
2-Hexanone
Concen: 0.397 ug/L
RT: 8.19 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

Instrument :
MSVOA_V
ClientSampled :
BE741

Tgt Ion: 43 Resp: 2690
Ion Ratio Lower Upper
43 100
58 61.9 47.2 70.8
57 9.4 16.1 24.1#
100 7.6 11.1 16.7#



#49
Dibromochloromethane
Concen: 0.223 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. -0.27 min
Lab File: VV006713.D
Acq: 26 Jul 2018 19:17

Tgt Ion: 129 Resp: 2808
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#

