

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071818\
 Data File : VV006630.D
 Acq On : 18 Jul 2018 15:47
 Operator : SY/MD
 Sample : J3983-13
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB191

Quant Time: Jul 19 02:40:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 02:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	280375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	260350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108217	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	85127	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	134716	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.96	46	217459	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	4.40	84	175829	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
26) 1,2-Dichloroethane-d4	5.09	65	84492	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	5.10	84	372182	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
36) 1,2-Dichloropropane-d6	6.12	67	118984	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.36	98	328822	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	40911	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.14	63	205365	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83508	3.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	123064	4.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.80%

Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	218408	6.483 ug/L #	44
8) Chloroethane	1.32	64	155905	8.239 ug/L #	50
13) Acetone	2.21	43	192588	51.404 ug/L	100
14) Carbon disulfide	2.32	76	17371	0.251 ug/L	96
15) Methyl Acetate	2.47	43	76188	6.583 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	38503	1.560 ug/L	98
21) 2-Butanone	4.04	43	234102	35.673 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	147008	5.676 ug/L	98
35) Methylcyclohexane	6.12	83	27852	0.729 ug/L #	23
37) 1,2-Dichloropropane	6.12	63	12463	0.502 ug/L #	87
40) 4-Methyl-2-pentanone	7.28	43	4353	0.304 ug/L #	88
42) Toluene	7.43	91	23654	0.236 ug/L	99
48) 2-Hexanone	8.19	43	24270	2.378 ug/L	99
52) Ethylbenzene	9.06	91	29048	0.274 ug/L	99
53) m,p-xylene	9.18	106	11013	0.270 ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 02:39:44 2018
Response via : Initial Calibration

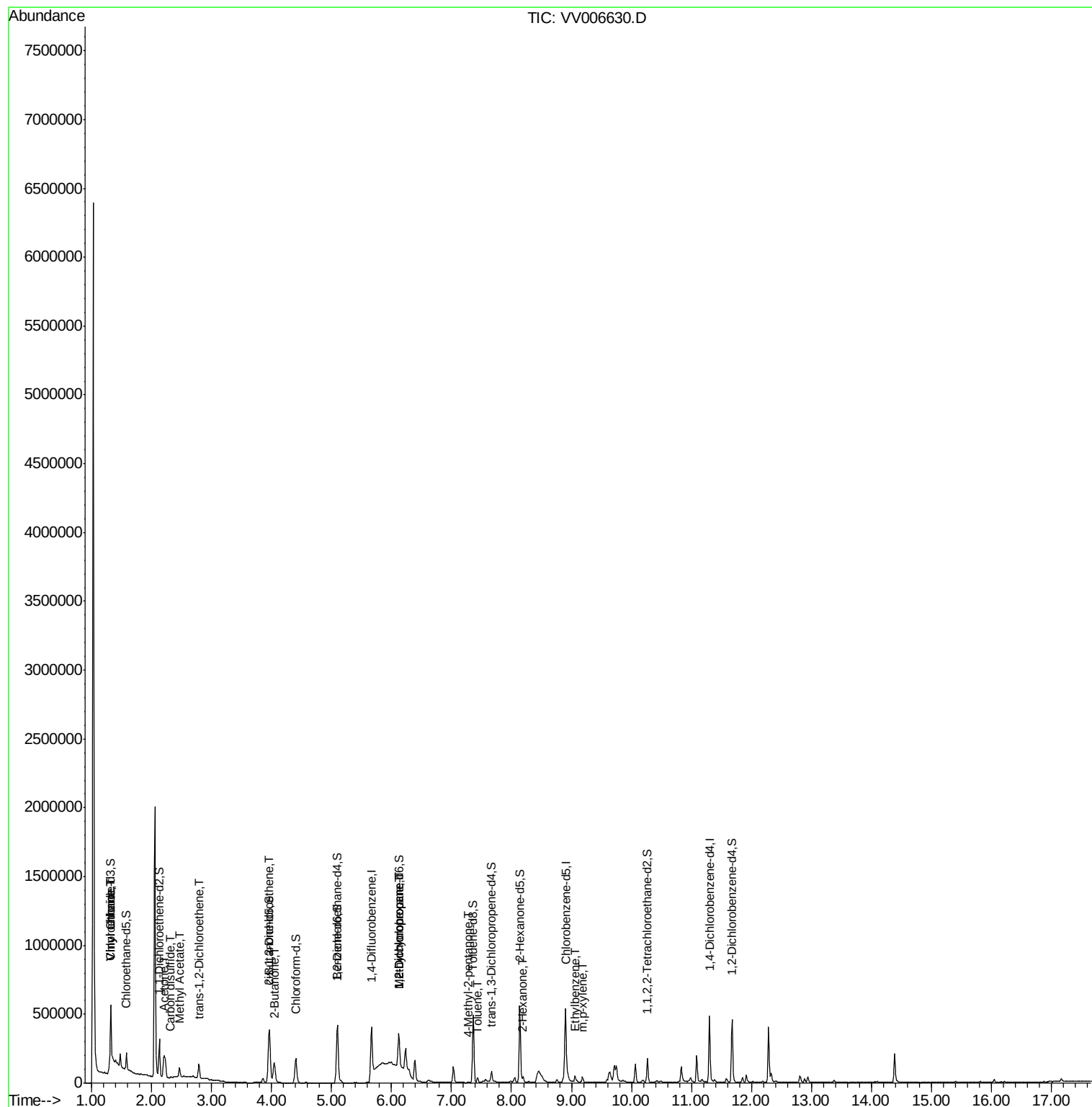
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

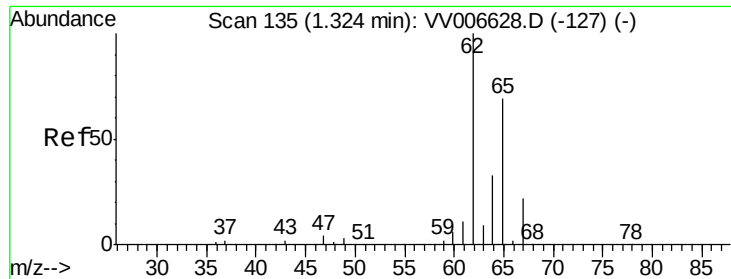
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#5

Vinyl chloride

Concen: 6.483 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampleId :

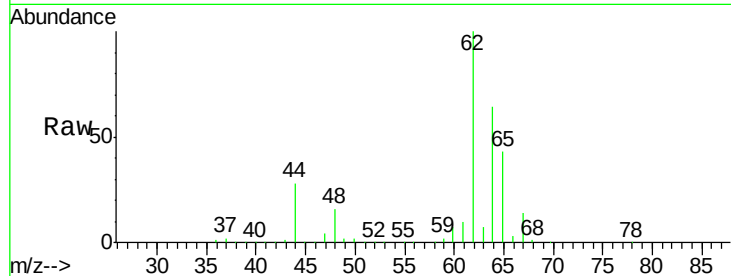
DB191

Tgt Ion: 62 Resp: 218408

Ion Ratio Lower Upper

62 100

64 63.7 22.6 42.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

200000

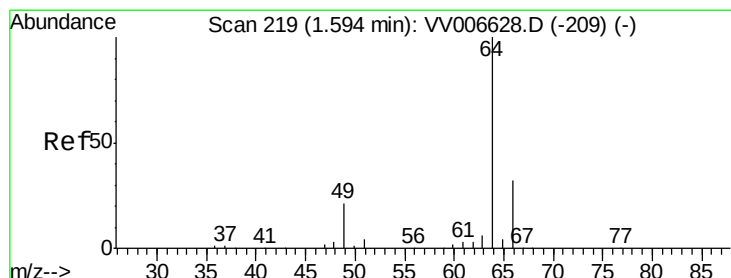
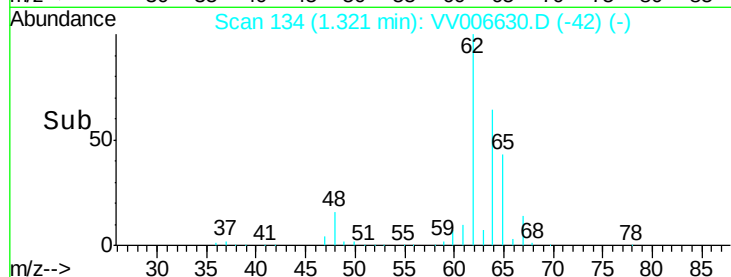
150000

100000

50000

0

Time-->



#8

Chloroethane

Concen: 8.239 ug/L

RT: 1.32 min Scan# 134

Delta R.T. -0.27 min

Lab File: VV006630.D

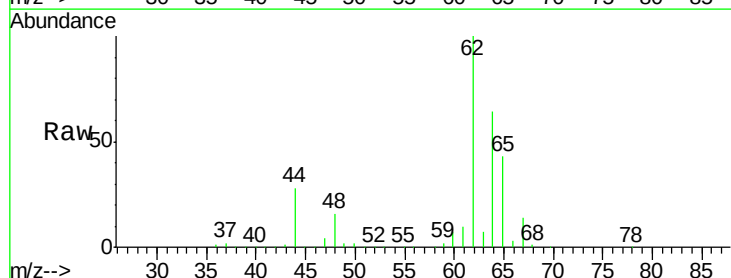
Acq: 18 Jul 2018 15:47

Tgt Ion: 64 Resp: 155905

Ion Ratio Lower Upper

64 100

66 4.1 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

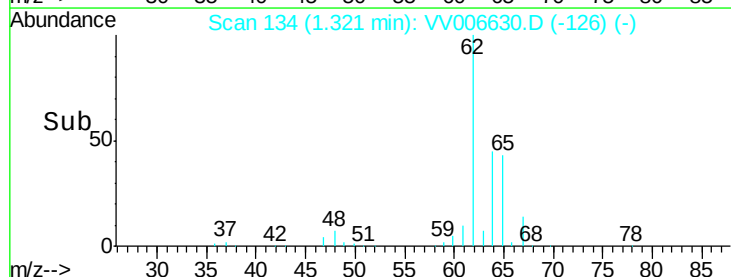
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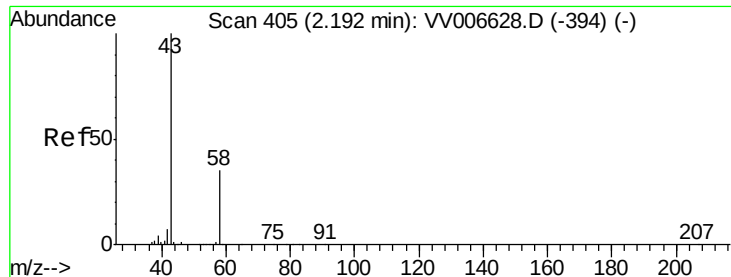
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50000

0

Time-->





#13

Acetone

Concen: 51.404 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.02 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampled :

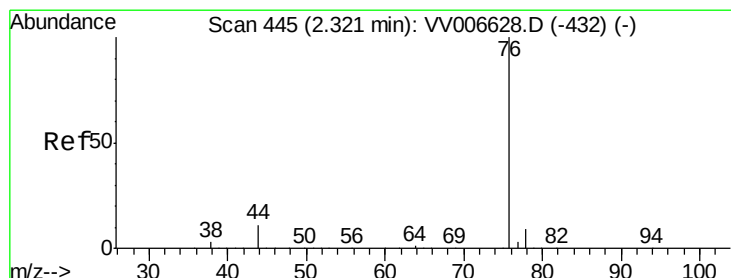
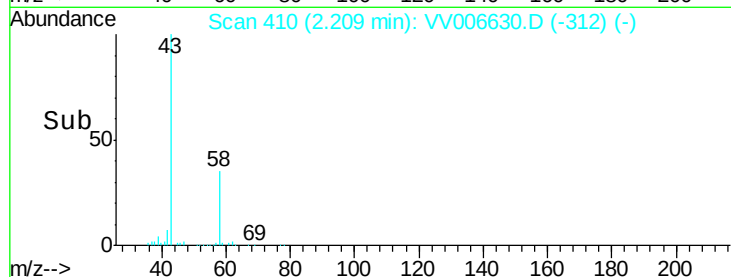
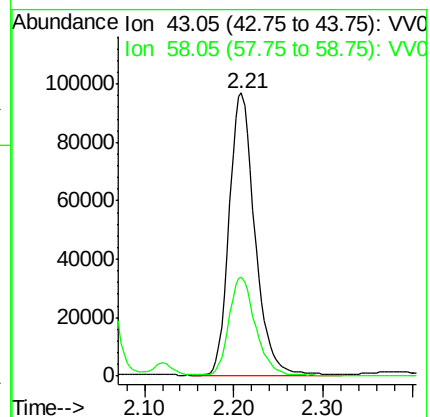
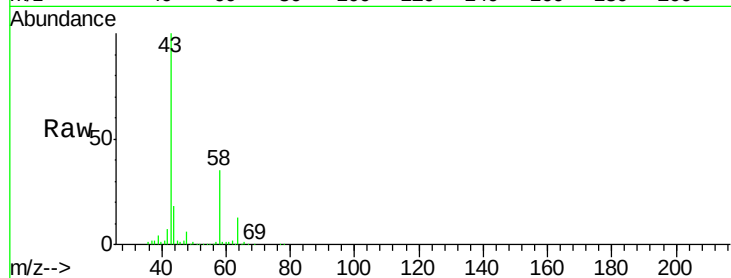
DB191

Tgt Ion: 43 Resp: 192588

Ion Ratio Lower Upper

43 100

58 35.4 0.0 70.8



#14

Carbon disulfide

Concen: 0.251 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV006630.D

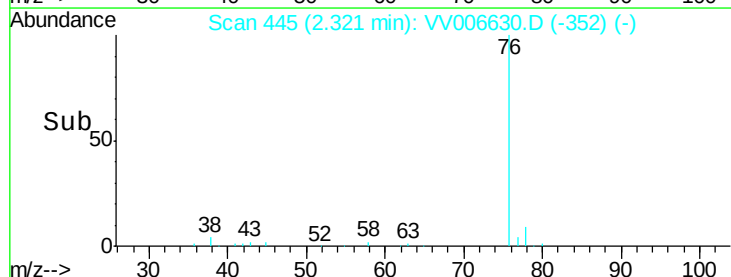
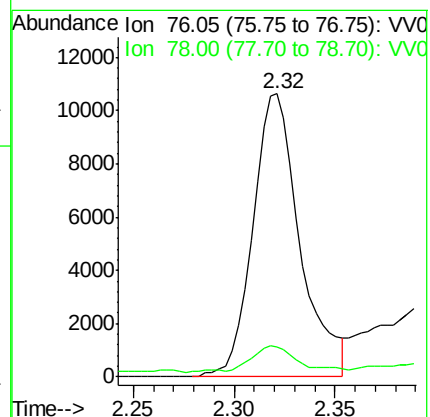
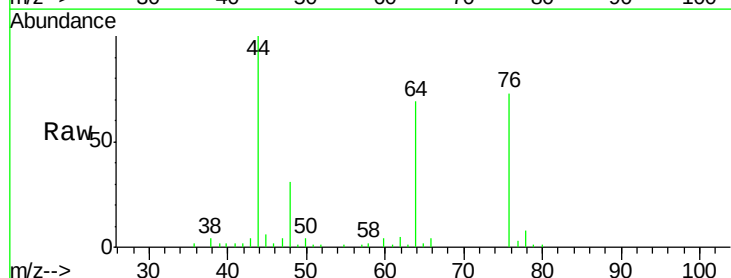
Acq: 18 Jul 2018 15:47

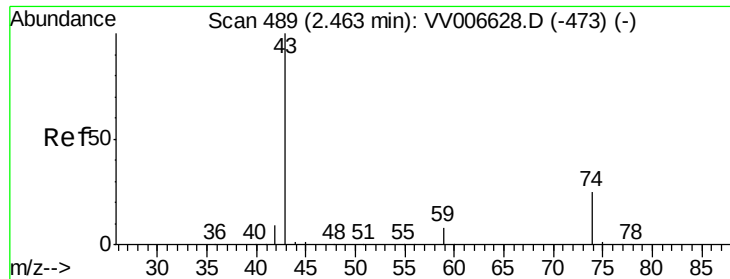
Tgt Ion: 76 Resp: 17371

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3

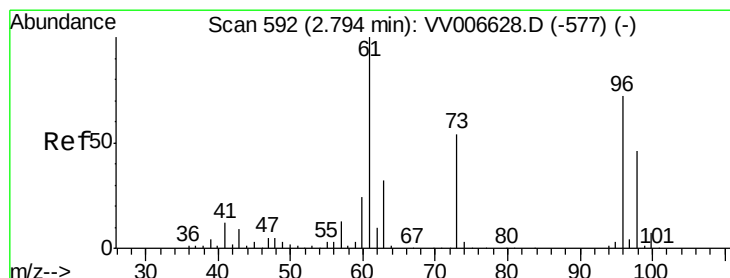
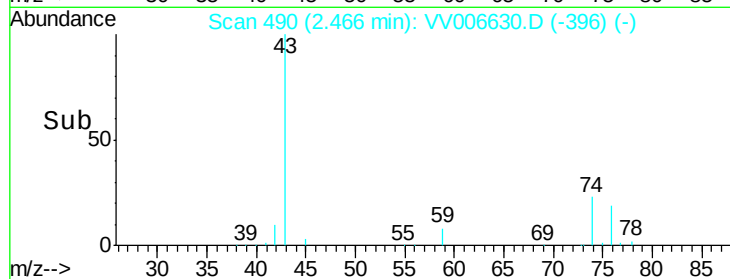
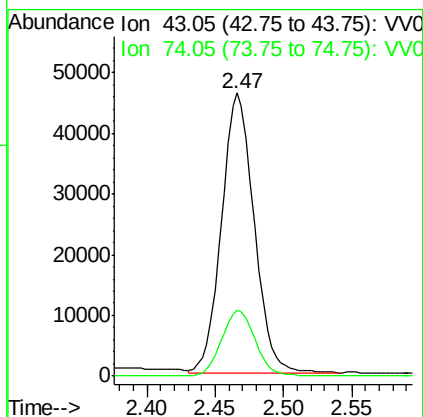
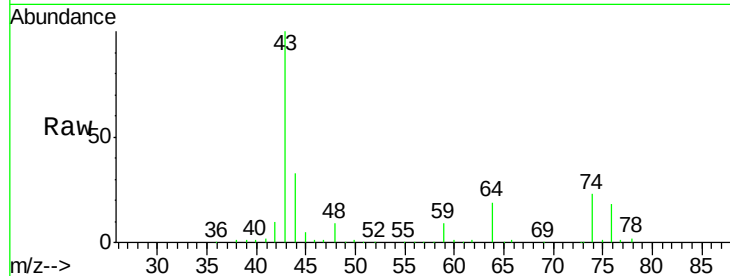




#15
Methyl Acetate
Concen: 6.583 ug/L
RT: 2.47 min Scan# 490
Delta R.T. 0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

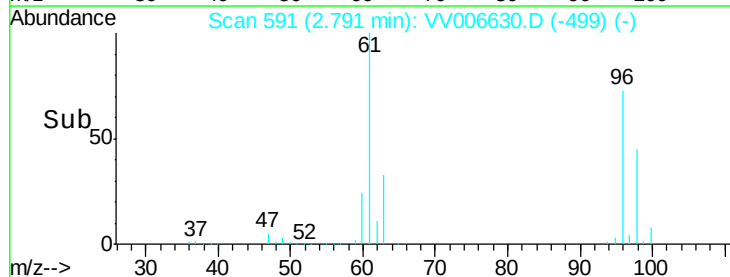
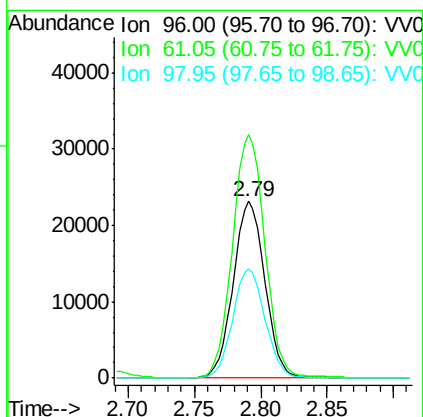
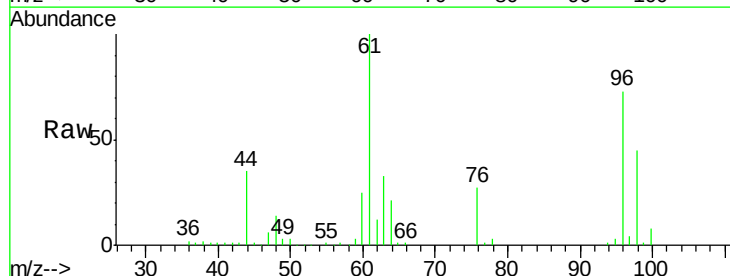
Instrument :
MSVOA_V
ClientSampled :
DB191

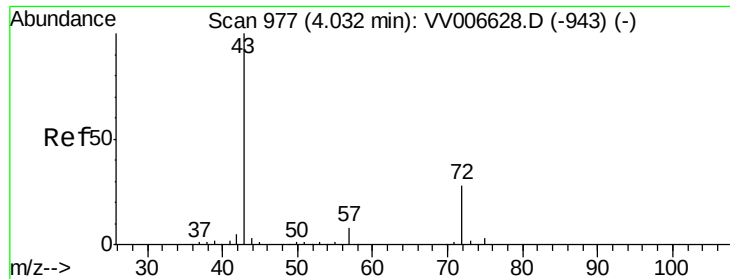
Tgt Ion: 43 Resp: 76188
Ion Ratio Lower Upper
43 100
74 24.5 20.2 30.4



#18
trans-1,2-Dichloroethene
Concen: 1.560 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Tgt Ion: 96 Resp: 38503
Ion Ratio Lower Upper
96 100
61 137.8 98.1 182.1
98 61.9 44.4 82.4





#21

2-Butanone

Concen: 35.673 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.01 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :

MSVOA_V

ClientSampleId :

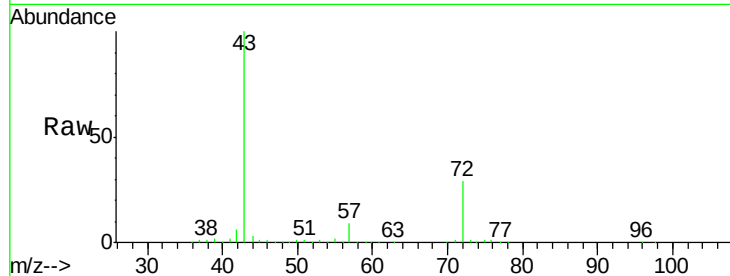
DB191

Tgt Ion: 43 Resp: 234102

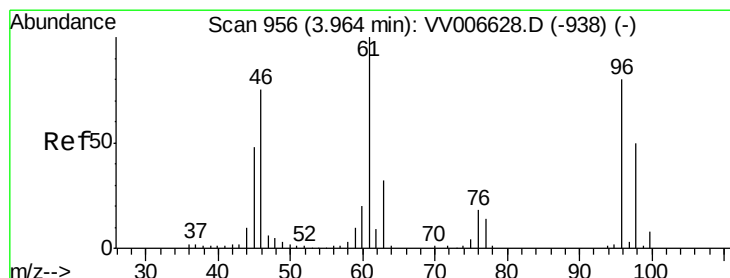
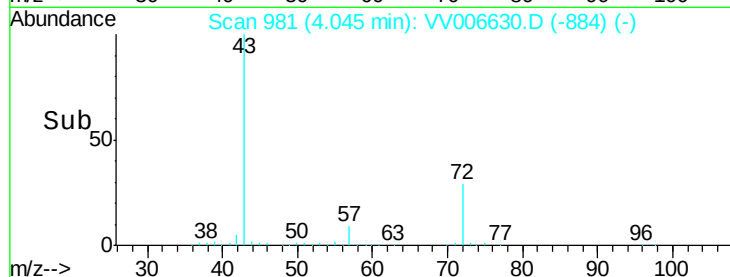
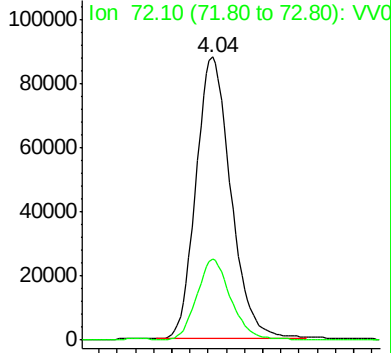
Ion Ratio Lower Upper

43 100

72 28.2 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006630.D (-884) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.676 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

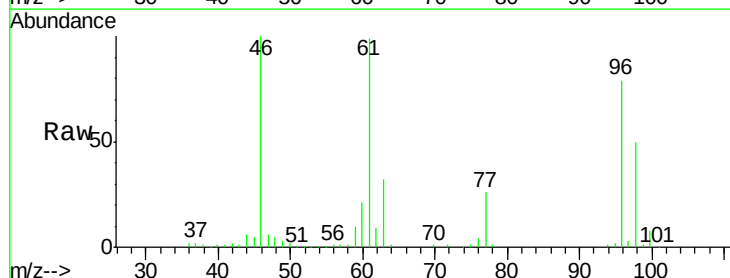
Tgt Ion: 96 Resp: 147008

Ion Ratio Lower Upper

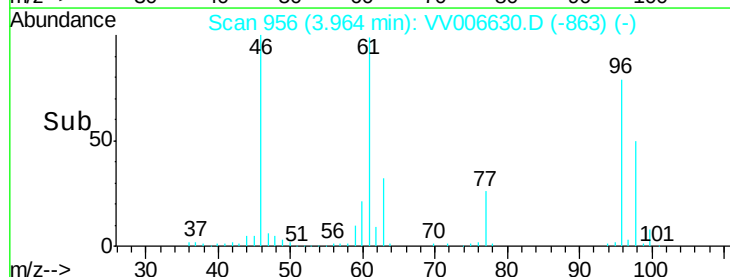
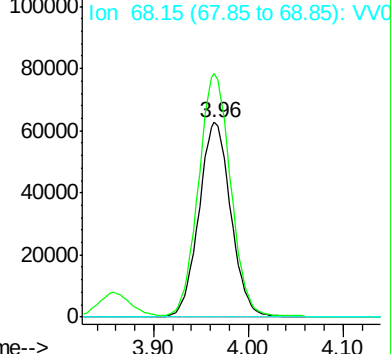
96 100

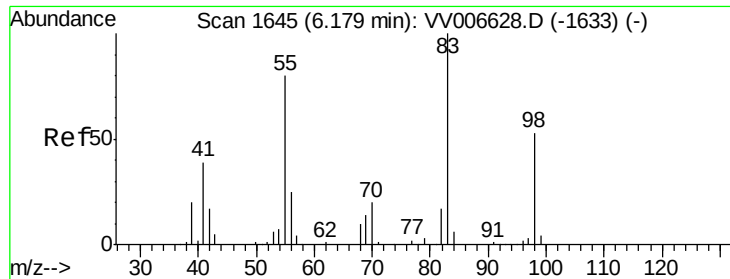
61 125.0 86.2 160.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV006630.D (-863) (-)

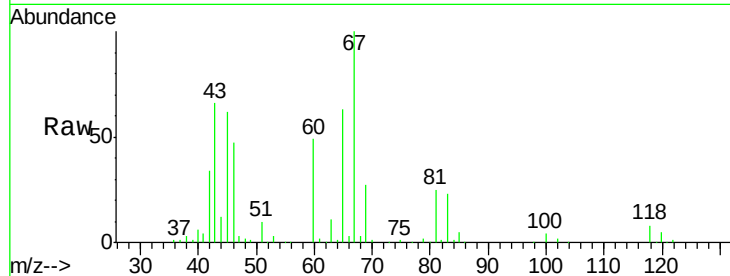




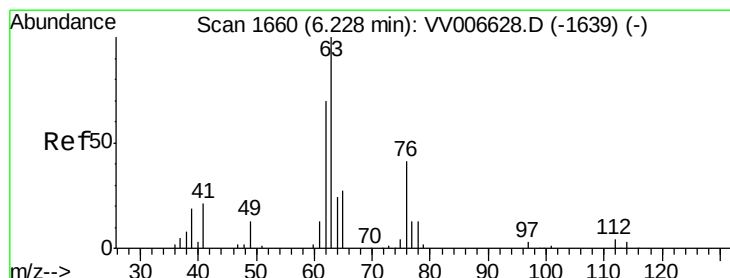
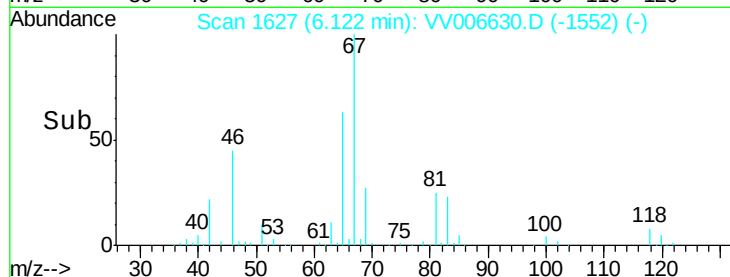
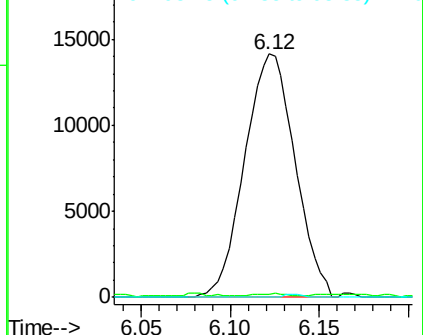
#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Instrument :
MSVOA_V
ClientSampled :
DB191

Tgt Ion: 83 Resp: 27852
Ion Ratio Lower Upper
83 100
55 6.9 60.7 91.1#
98 0.4 39.1 58.7#

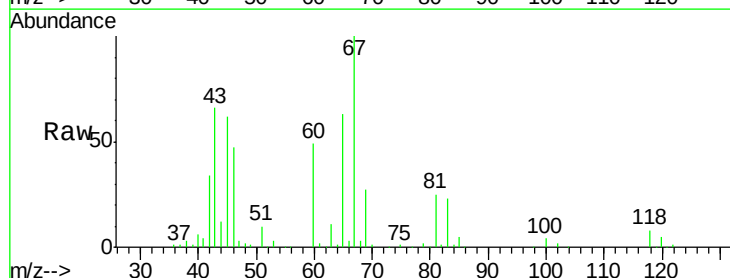


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

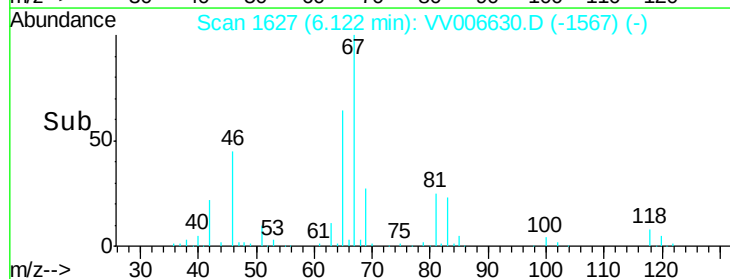
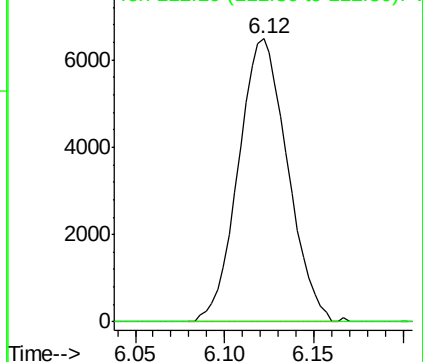


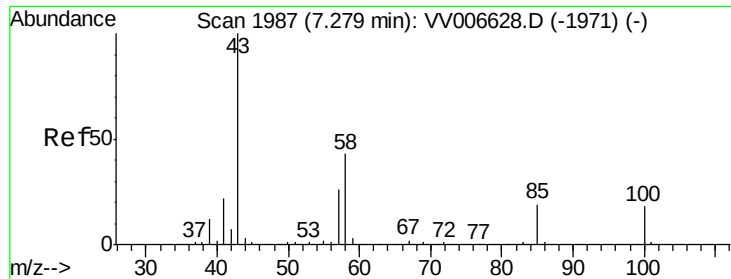
#37
1,2-Dichloropropane
Concen: 0.502 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Tgt Ion: 63 Resp: 12463
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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

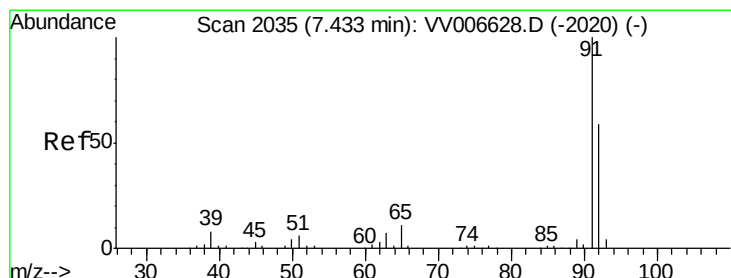
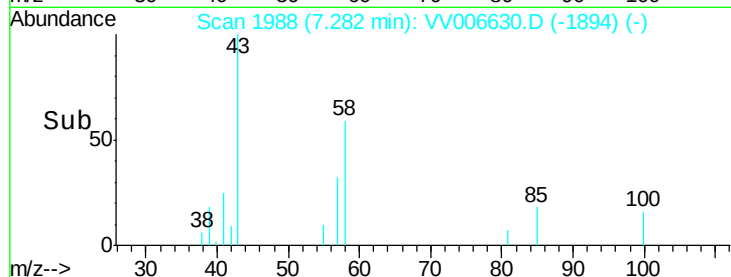
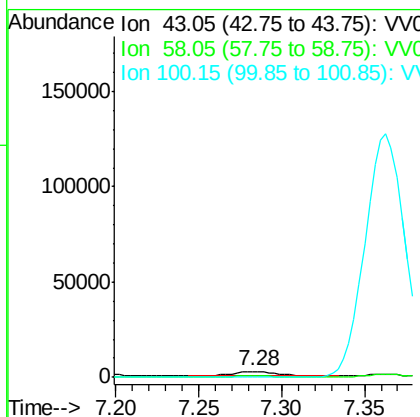
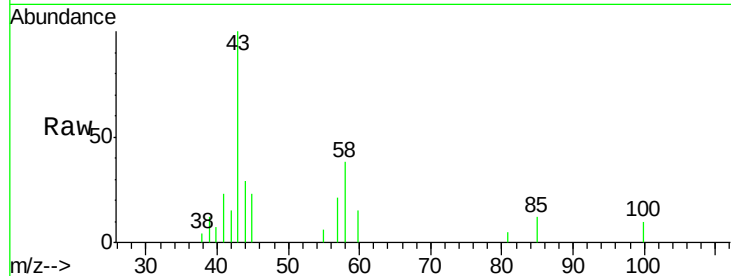




#40
 4-Methyl-2-pentanone
 Concen: 0.304 ug/L
 RT: 7.28 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VV006630.D
 Acq: 18 Jul 2018 15:47

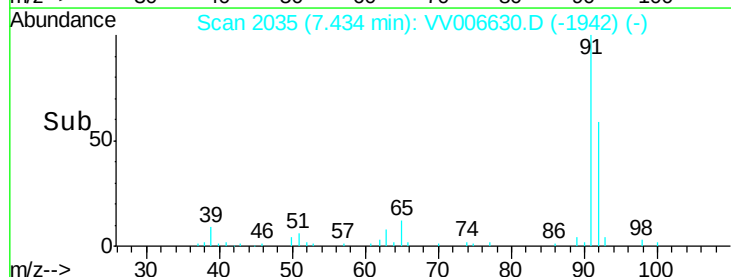
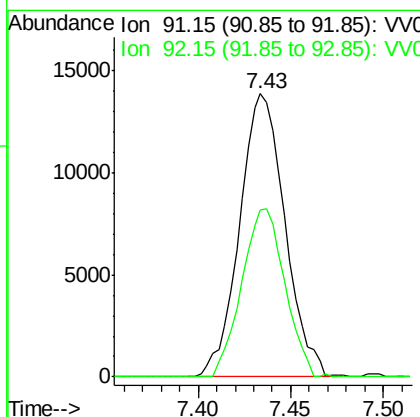
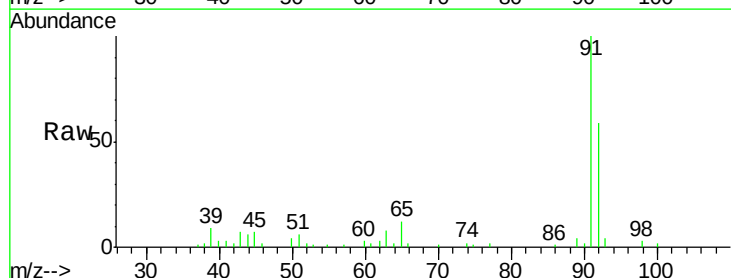
Instrument :
 MSVOA_V
 ClientSampleID :
 DB191

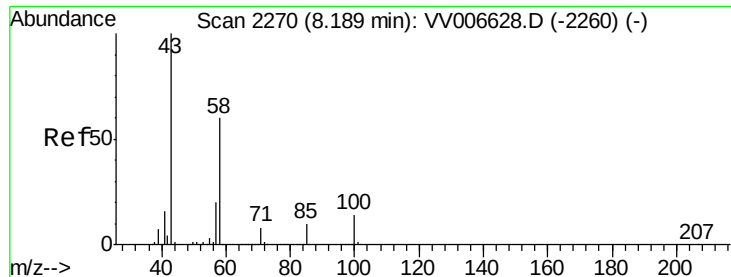
Tgt Ion: 43 Resp: 4353
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.2 49.8
 100 0.0 13.5 20.3#



#42
 Toluene
 Concen: 0.236 ug/L
 RT: 7.43 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VV006630.D
 Acq: 18 Jul 2018 15:47

Tgt Ion: 91 Resp: 23654
 Ion Ratio Lower Upper
 91 100
 92 59.0 40.8 75.8

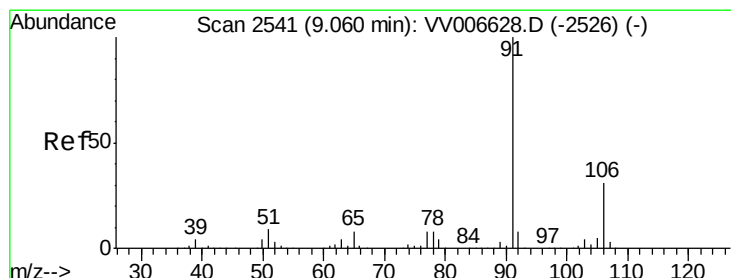
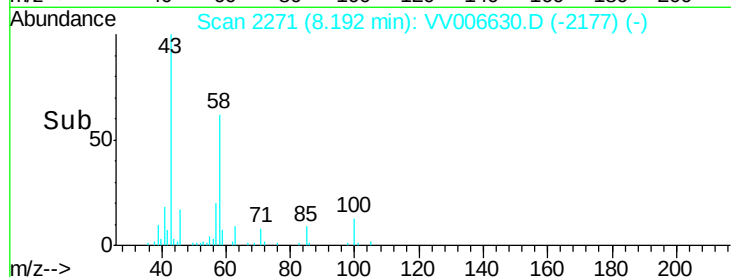
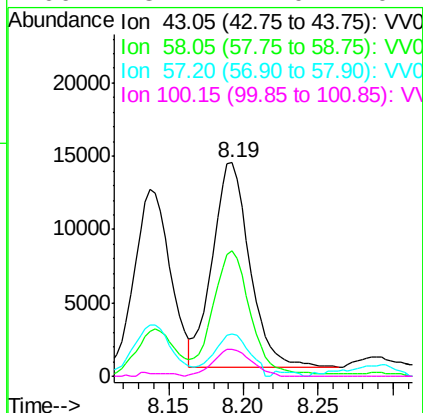
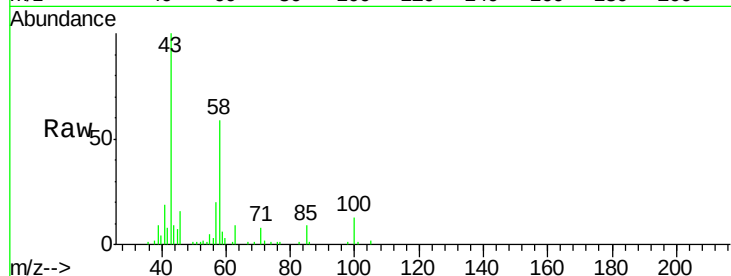




#48
2-Hexanone
Concen: 2.378 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

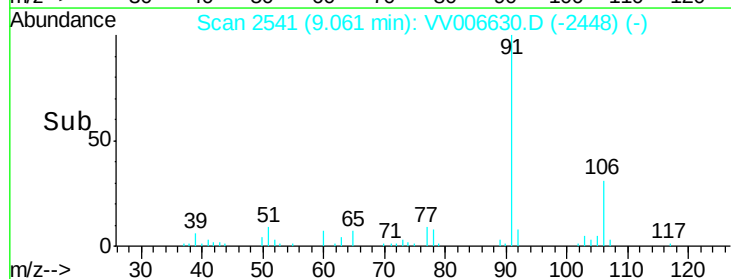
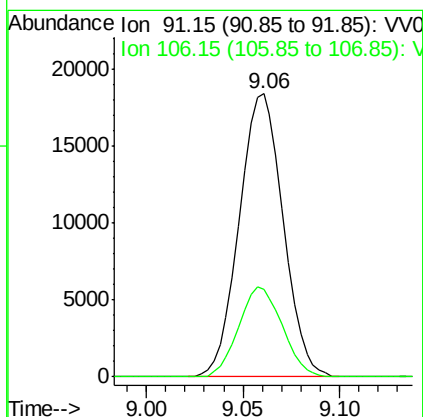
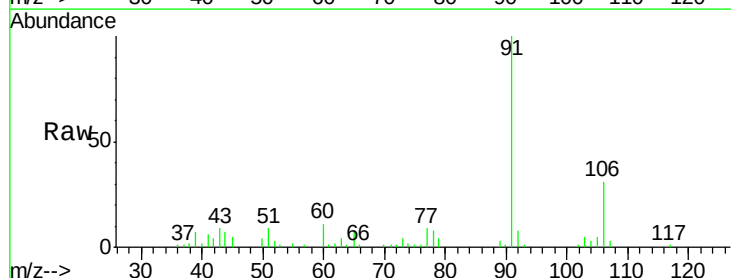
Instrument :
MSVOA_V
ClientSampleId :
DB191

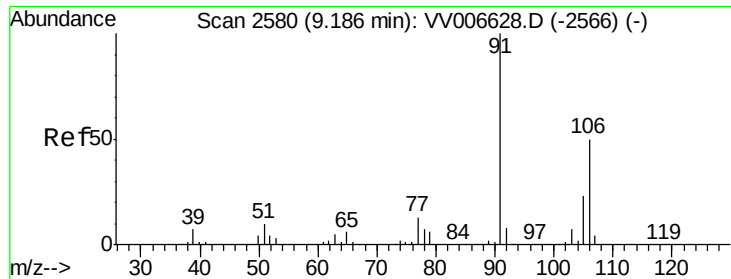
Tgt Ion:	43	Resp:	24270
Ion	Ratio	Lower	Upper
43	100		
58	59.9	48.2	72.4
57	19.8	16.2	24.4
100	13.4	11.0	16.4



#52
Ethylbenzene
Concen: 0.274 ug/L
RT: 9.06 min Scan# 2541
Delta R.T. 0.00 min
Lab File: VV006630.D
Acq: 18 Jul 2018 15:47

Tgt Ion:	91	Resp:	29048
Ion	Ratio	Lower	Upper
91	100		
106	31.1	22.2	41.2





#53

m,p-xylene

Concen: 0.270 ug/L

RT: 9.18 min Scan# 2579

Delta R.T. -0.00 min

Lab File: VV006630.D

Acq: 18 Jul 2018 15:47

Instrument :
MSVOA_V
ClientSampleId :
DB191

Tgt Ion:106 Resp: 11013

Ion Ratio Lower Upper

106 100

91 203.1 140.3 260.5

