

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008786.D
 Acq On : 30 Nov 2018 01:05
 Operator : SY/MD
 Sample : J6076-15MS
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALS6MS

Quant Time: Nov 30 06:27:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142434	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133058	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44105	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.59	69	29159	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.14	63	79935	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.96	46	109577	49.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.30%
24) Chloroform-d	4.41	84	90372	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	45888	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.10	84	193976	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.12	67	56628	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	171073	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	17163	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.14	63	76956	45.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35507	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	59024	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

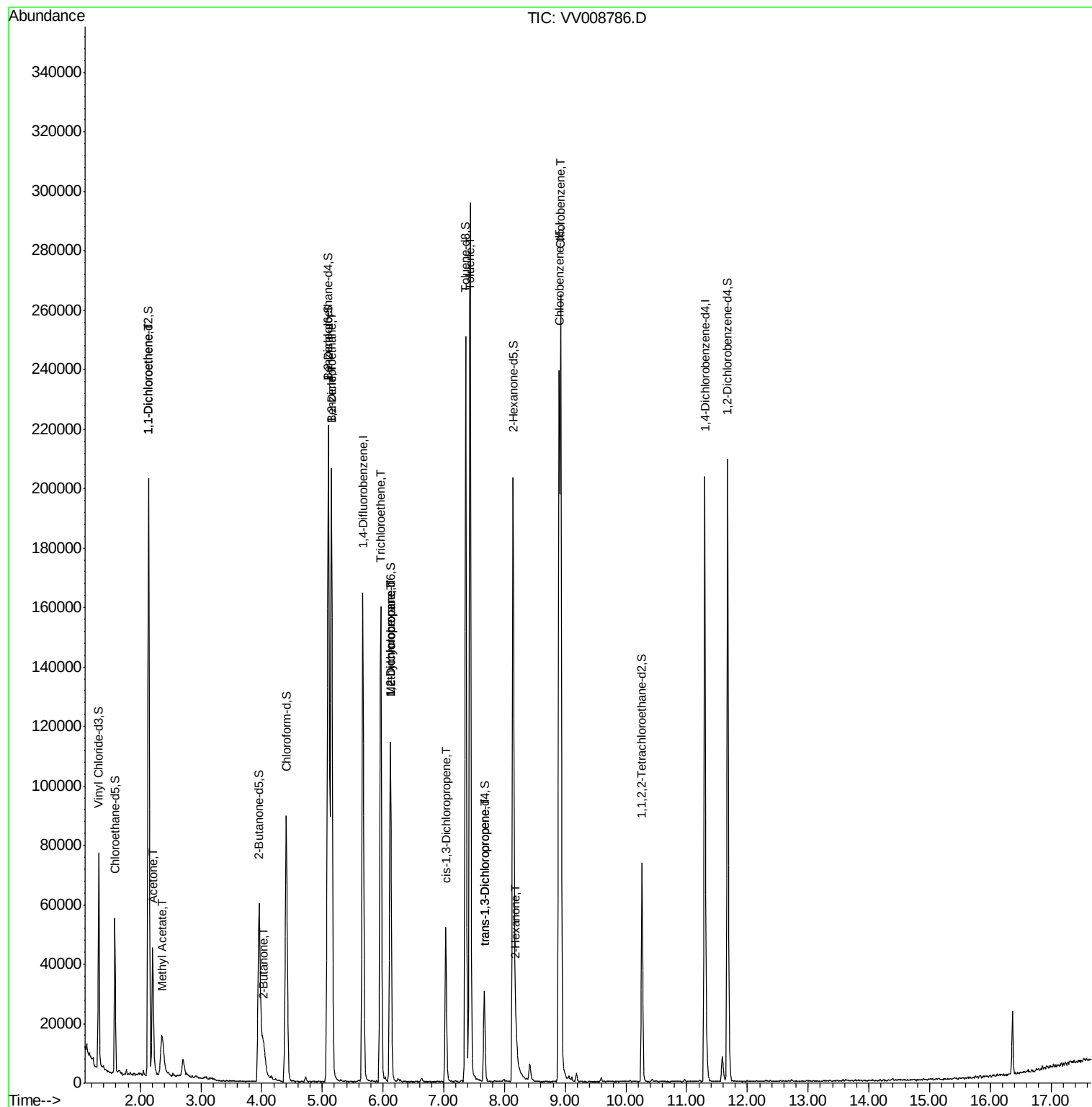
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.15	96	37493	5.353	ug/L	92
13) Acetone	2.21	43	53333	48.486	ug/L	97
15) Methyl Acetate	2.36	43	6086	2.067	ug/L #	53
21) 2-Butanone	4.05	43	6064	2.750	ug/L	95
27) 1,2-Dichloroethane	5.14	62	1539	0.144	ug/L #	74
33) Benzene	5.15	78	207459	5.199	ug/L	100
34) Trichloroethene	5.96	95	54480	4.911	ug/L	100
35) Methylcyclohexane	6.12	83	13656	0.776	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6386	0.644	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1108	0.085	ug/L #	74
42) Toluene	7.43	91	217295	5.203	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	869	0.085	ug/L #	82
48) 2-Hexanone	8.19	43	5991	1.662	ug/L #	93
51) Chlorobenzene	8.93	112	139848	5.087	ug/L	99

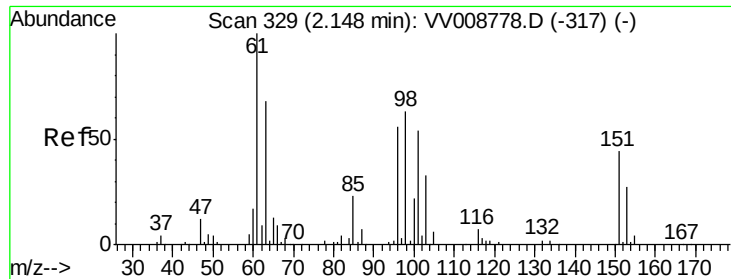
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
Data File : VV008786.D
Acq On : 30 Nov 2018 01:05
Operator : SY/MD
Sample : J6076-15MS
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALS6MS

Quant Time: Nov 30 06:27:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

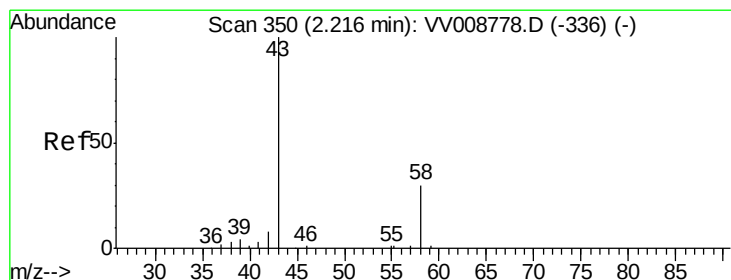
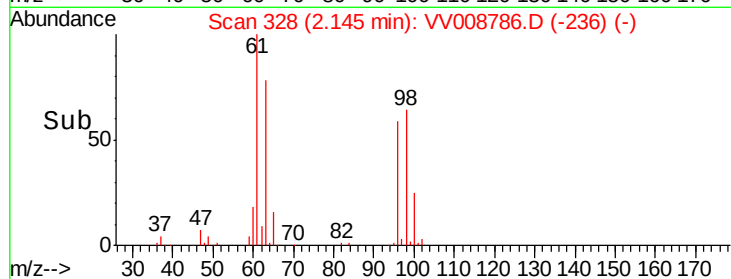
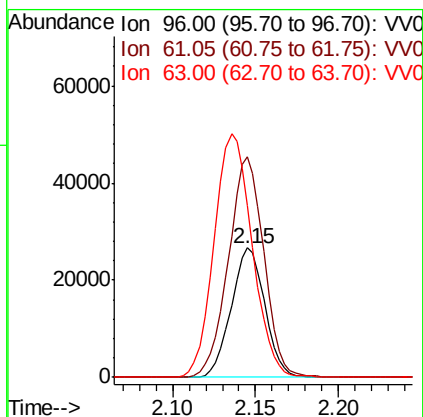
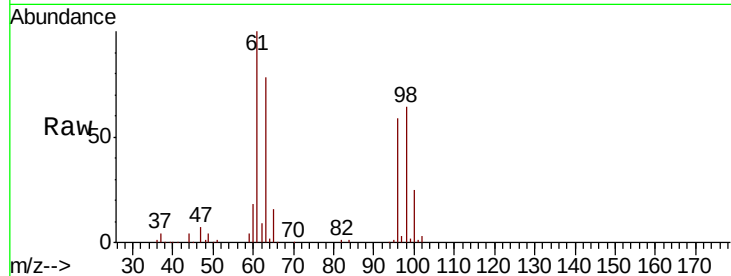




#12
 1,1-Dichloroethene
 Concen: 5.353 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV008786.D
 Acq: 30 Nov 2018 01:05

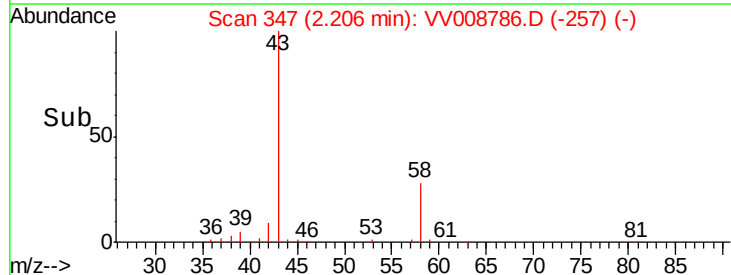
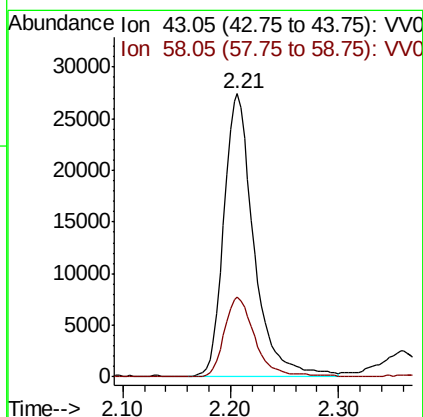
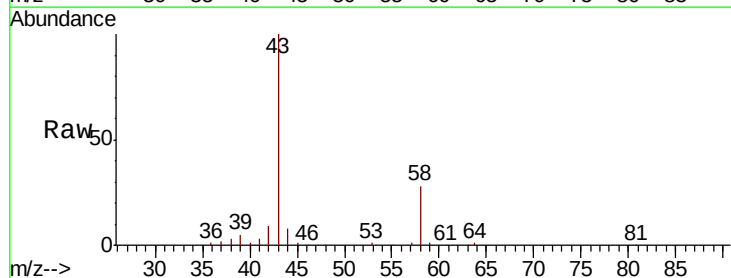
Instrument :
 MSVOA_V
 ClientSampleId :
 YALS6MS

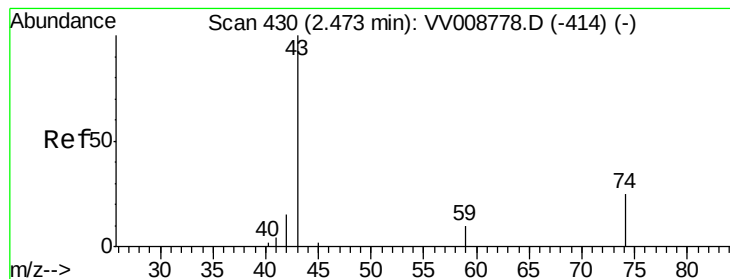
Tgt Ion: 96 Resp: 37493
 Ion Ratio Lower Upper
 96 100
 61 170.1 124.3 230.8
 63 132.3 102.6 190.5



#13
 Acetone
 Concen: 48.486 ug/L
 RT: 2.21 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VV008786.D
 Acq: 30 Nov 2018 01:05

Tgt Ion: 43 Resp: 53333
 Ion Ratio Lower Upper
 43 100
 58 28.4 0.0 59.8





#15

Methyl Acetate

Concen: 2.067 ug/L

RT: 2.36 min Scan# 395

Delta R.T. -0.11 min

Lab File: VV008786.D

Acq: 30 Nov 2018 01:05

Instrument :

MSVOA_V

ClientSampleId :

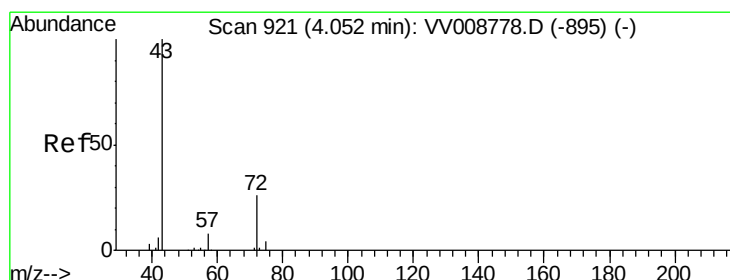
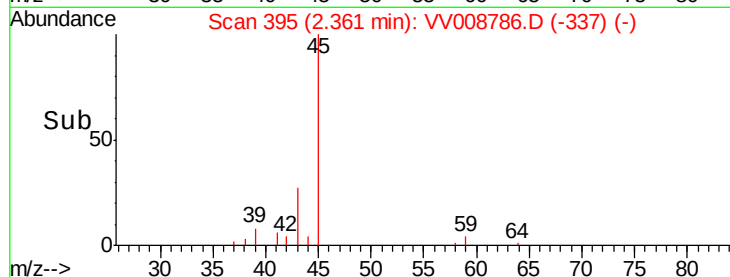
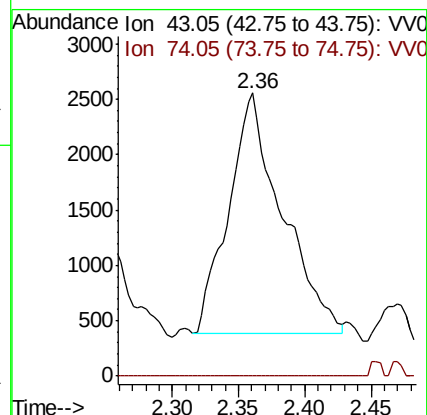
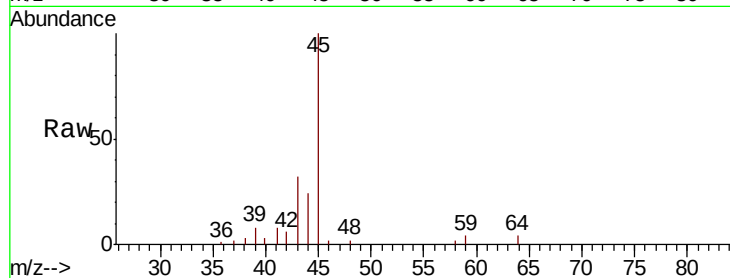
YALS6MS

Tgt Ion: 43 Resp: 6086

Ion Ratio Lower Upper

43 100

74 1.2 20.0 30.0#



#21

2-Butanone

Concen: 2.750 ug/L

RT: 4.05 min Scan# 920

Delta R.T. -0.00 min

Lab File: VV008786.D

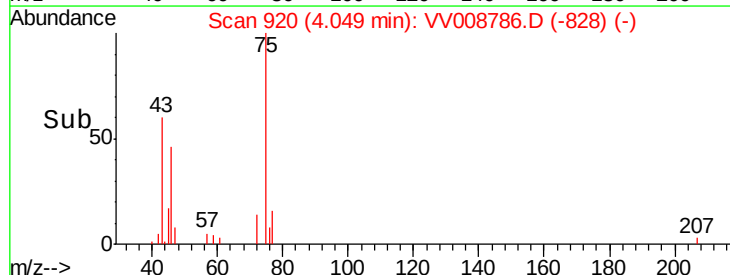
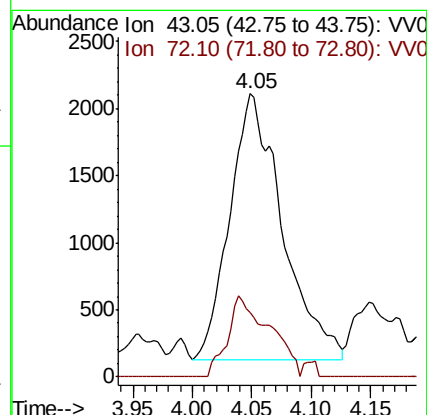
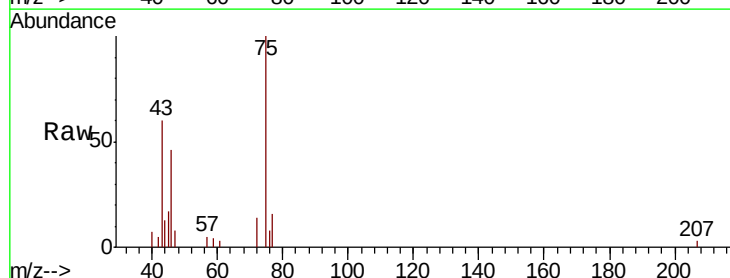
Acq: 30 Nov 2018 01:05

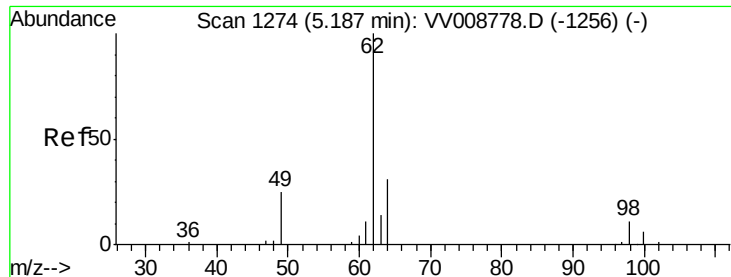
Tgt Ion: 43 Resp: 6064

Ion Ratio Lower Upper

43 100

72 24.4 13.6 40.8





#27

1,2-Dichloroethane

Concen: 0.144 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. -0.04 min

Lab File: VV008786.D

Acq: 30 Nov 2018 01:05

Instrument :

MSVOA_V

ClientSampleId :

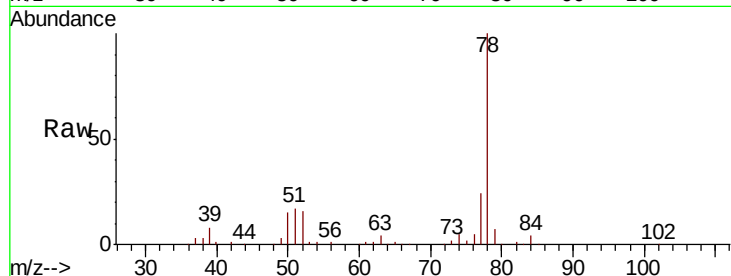
YALS6MS

Tgt Ion: 62 Resp: 1539

Ion Ratio Lower Upper

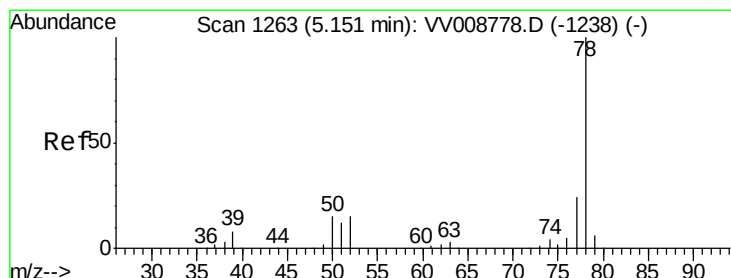
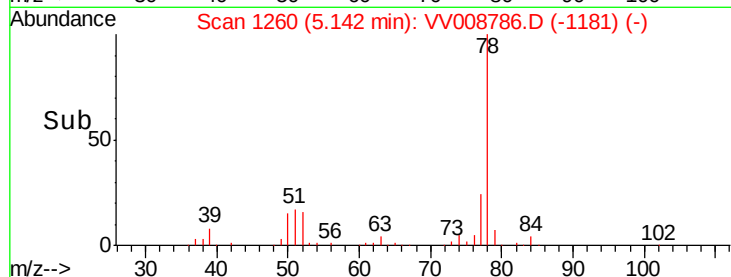
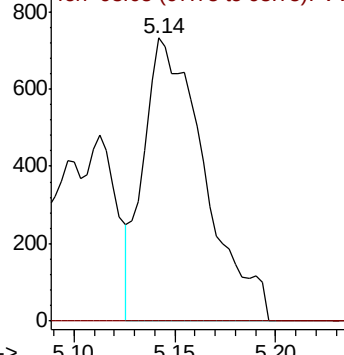
62 100

98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#33

Benzene

Concen: 5.199 ug/L

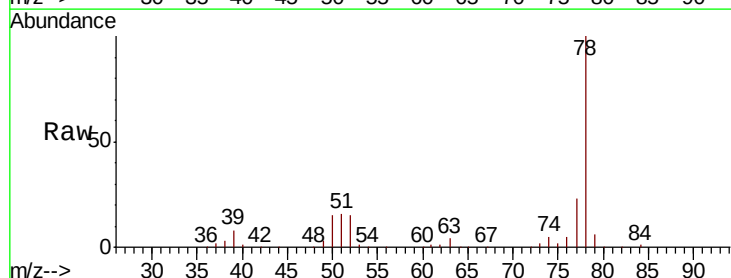
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

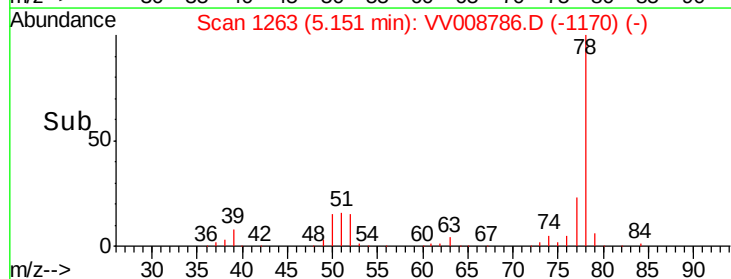
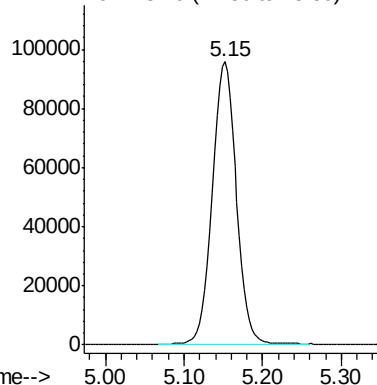
Lab File: VV008786.D

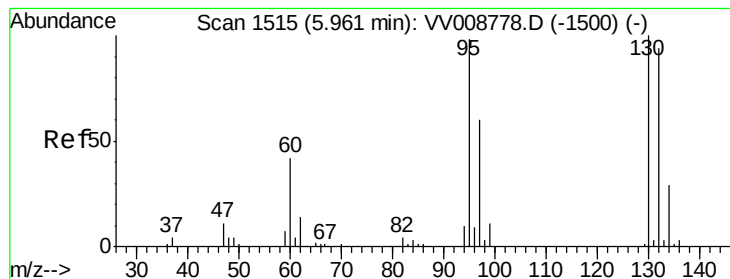
Acq: 30 Nov 2018 01:05

Tgt Ion: 78 Resp: 207459



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.911 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008786.D

Acq: 30 Nov 2018 01:05

Instrument :

MSVOA_V

ClientSampleId :

YALS6MS

Tgt Ion: 95 Resp: 54480

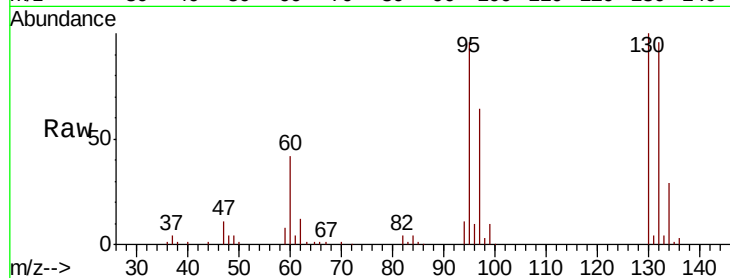
Ion Ratio Lower Upper

95 100

97 66.2 46.5 86.3

132 99.3 69.4 128.8

130 103.8 73.1 135.8

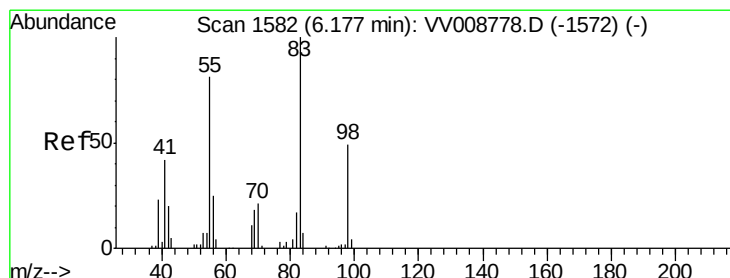
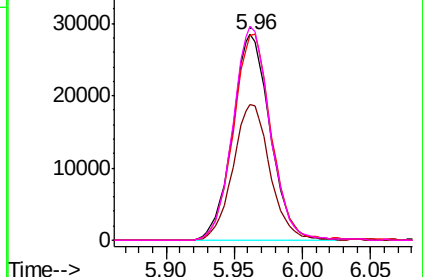
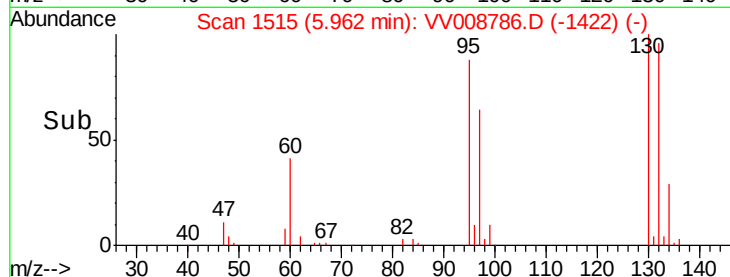


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008786.D

Acq: 30 Nov 2018 01:05

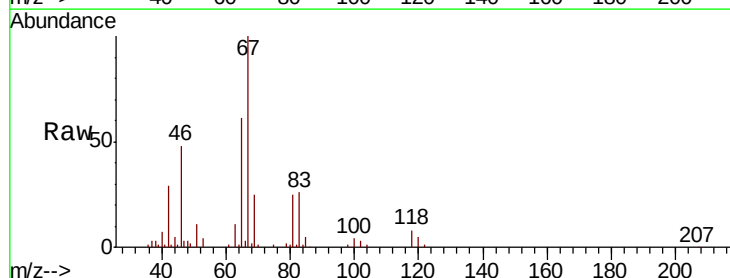
Tgt Ion: 83 Resp: 13656

Ion Ratio Lower Upper

83 100

55 0.0 60.1 90.1#

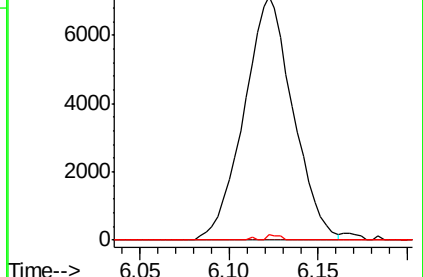
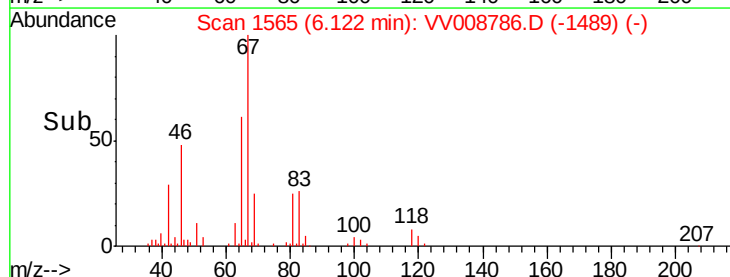
98 0.6 37.4 56.2#

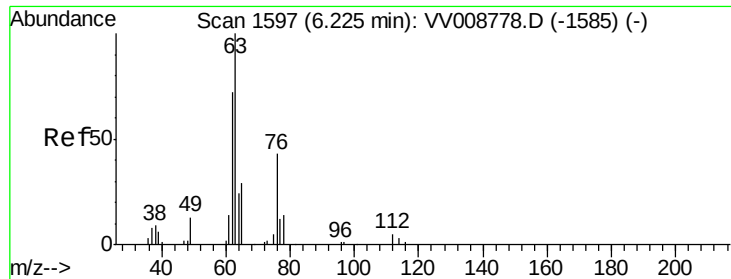


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

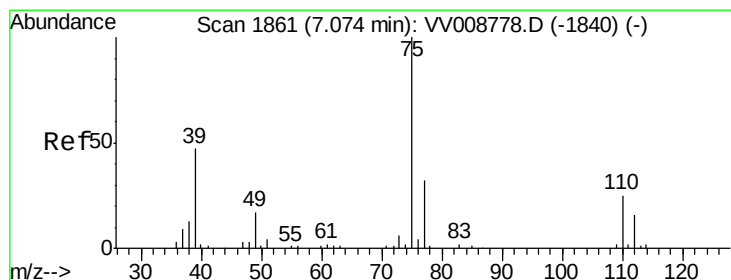
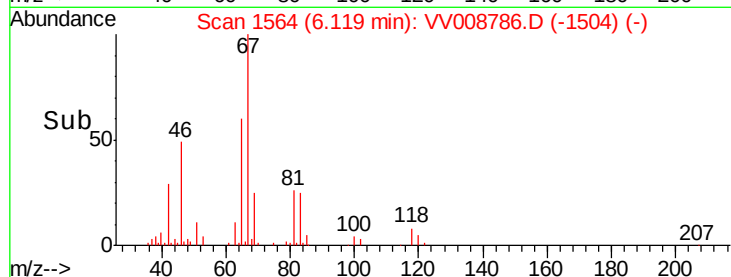
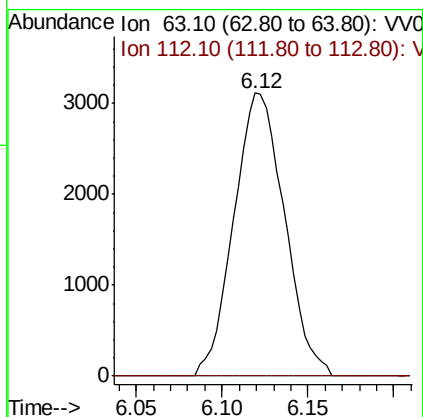
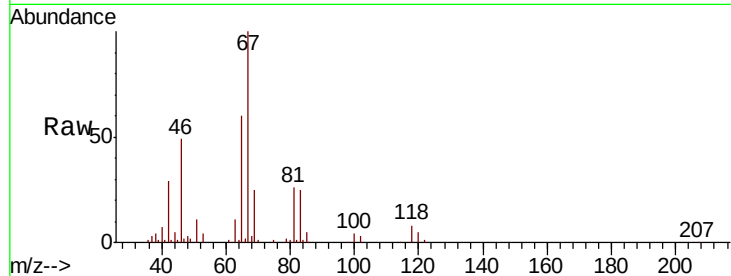




#37
 1,2-Dichloropropane
 Concen: 0.644 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008786.D
 Acq: 30 Nov 2018 01:05

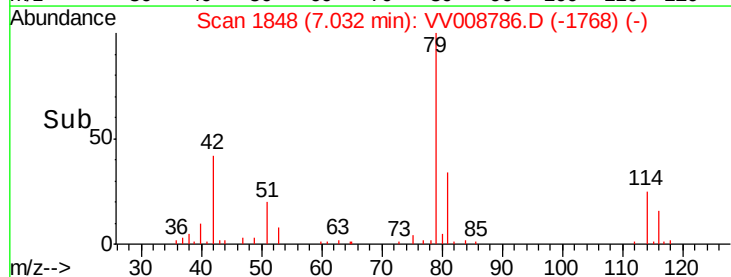
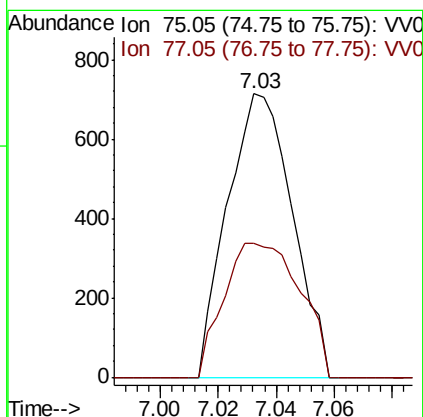
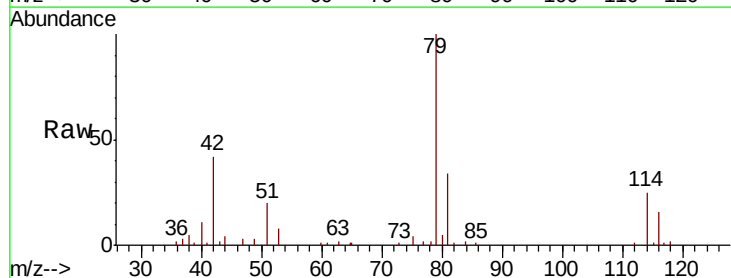
Instrument :
 MSVOA_V
 ClientSampleId :
 YALS6MS

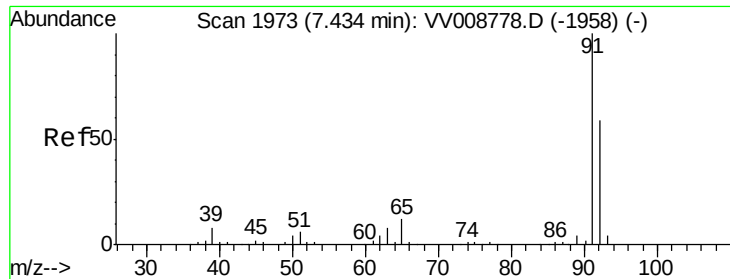
Tgt Ion: 63 Resp: 6386
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008786.D
 Acq: 30 Nov 2018 01:05

Tgt Ion: 75 Resp: 1108
 Ion Ratio Lower Upper
 75 100
 77 47.2 22.8 42.4#





#42

Toluene

Concen: 5.203 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008786.D

Acq: 30 Nov 2018 01:05

Instrument :

MSVOA_V

ClientSampleId :

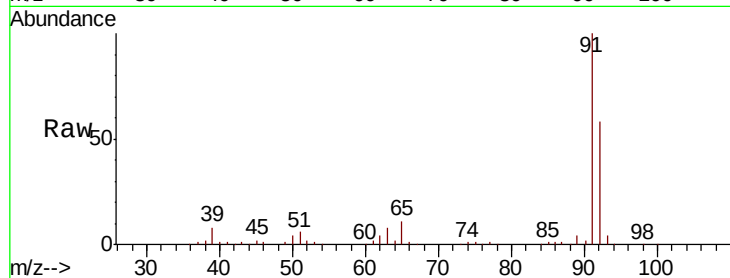
YALS6MS

Tgt Ion: 91 Resp: 217295

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV008778.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008778.D (-1958) (-)

7.43

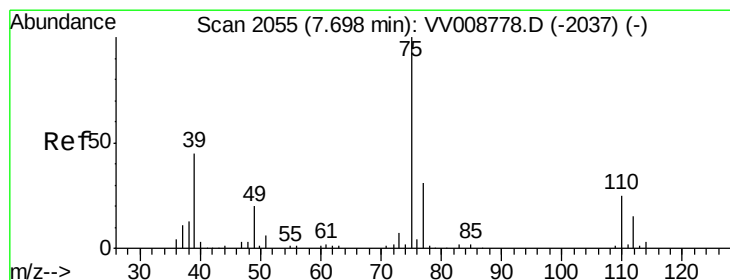
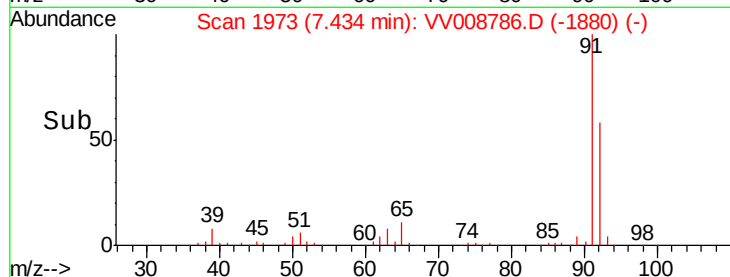
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.04 min

Lab File: VV008786.D

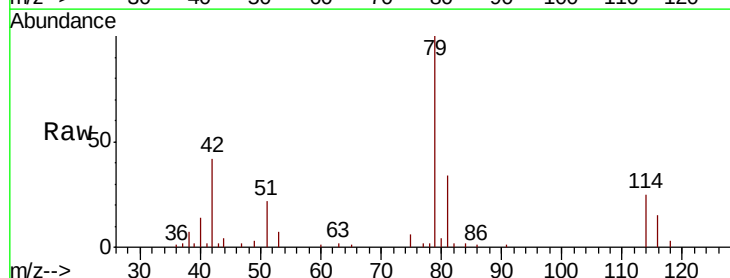
Acq: 30 Nov 2018 01:05

Tgt Ion: 75 Resp: 869

Ion Ratio Lower Upper

75 100

77 40.5 21.3 39.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008778.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV008778.D (-2037) (-)

7.66

600

500

400

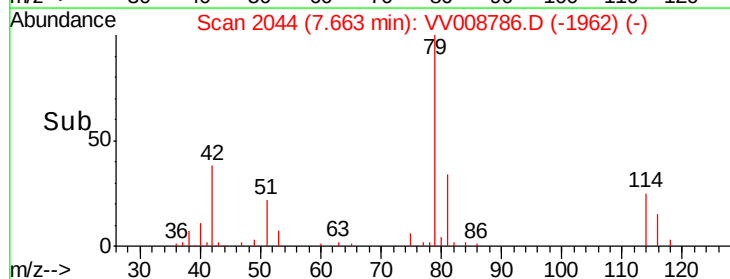
300

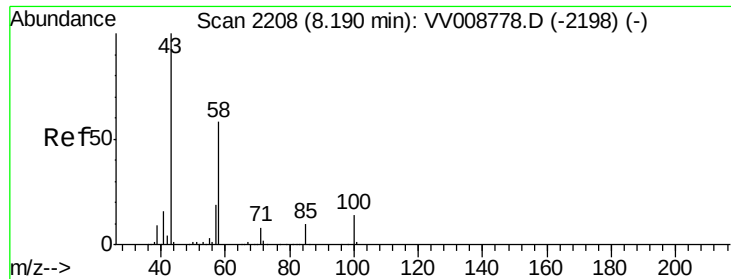
200

100

0

Time-->

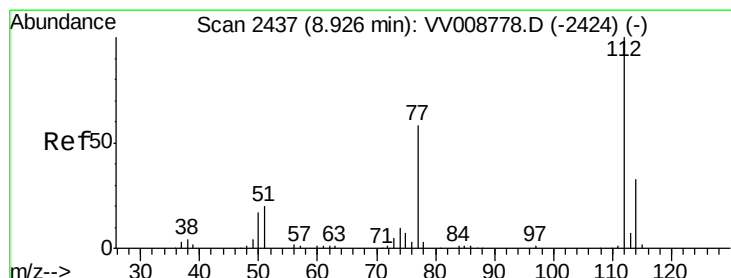
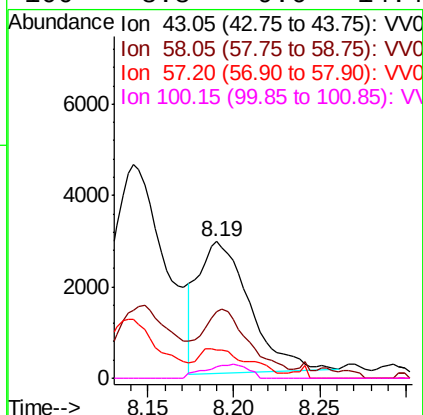
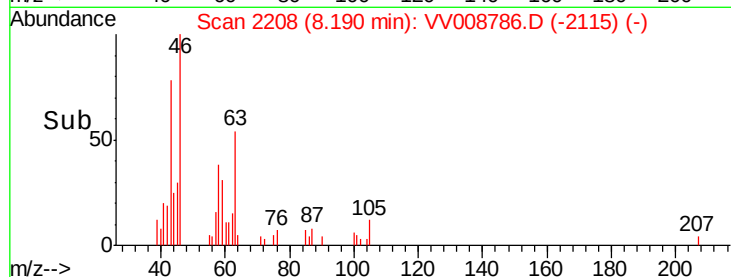
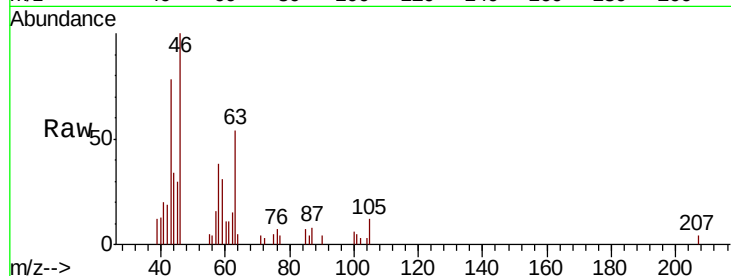




#48
2-Hexanone
Concen: 1.662 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV008786.D
Acq: 30 Nov 2018 01:05

Instrument :
MSVOA_V
ClientSampleId :
YALS6MS

Tgt Ion: 43 Resp: 5991
Ion Ratio Lower Upper
43 100
58 50.3 44.5 66.7
57 22.5 15.2 22.8
100 8.8 9.6 14.4#



#51
Chlorobenzene
Concen: 5.087 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008786.D
Acq: 30 Nov 2018 01:05

Tgt Ion: 112 Resp: 139848
Ion Ratio Lower Upper
112 100
114 32.1 22.8 42.4
77 58.7 46.2 69.4

