

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007279.D
 Acq On : 30 Aug 2018 23:28
 Operator : SY/MD
 Sample : J4650-07MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:34:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297098	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	294703	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	116707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	122504	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	97075	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.13	63	206711	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.97	46	269101	53.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.14%
24) Chloroform-d	4.41	84	218048	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.09	65	109447	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.10	84	432244	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	141447	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	338779	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.67	79	47380	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.15	63	156608	45.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.92%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	106115	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	122442	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

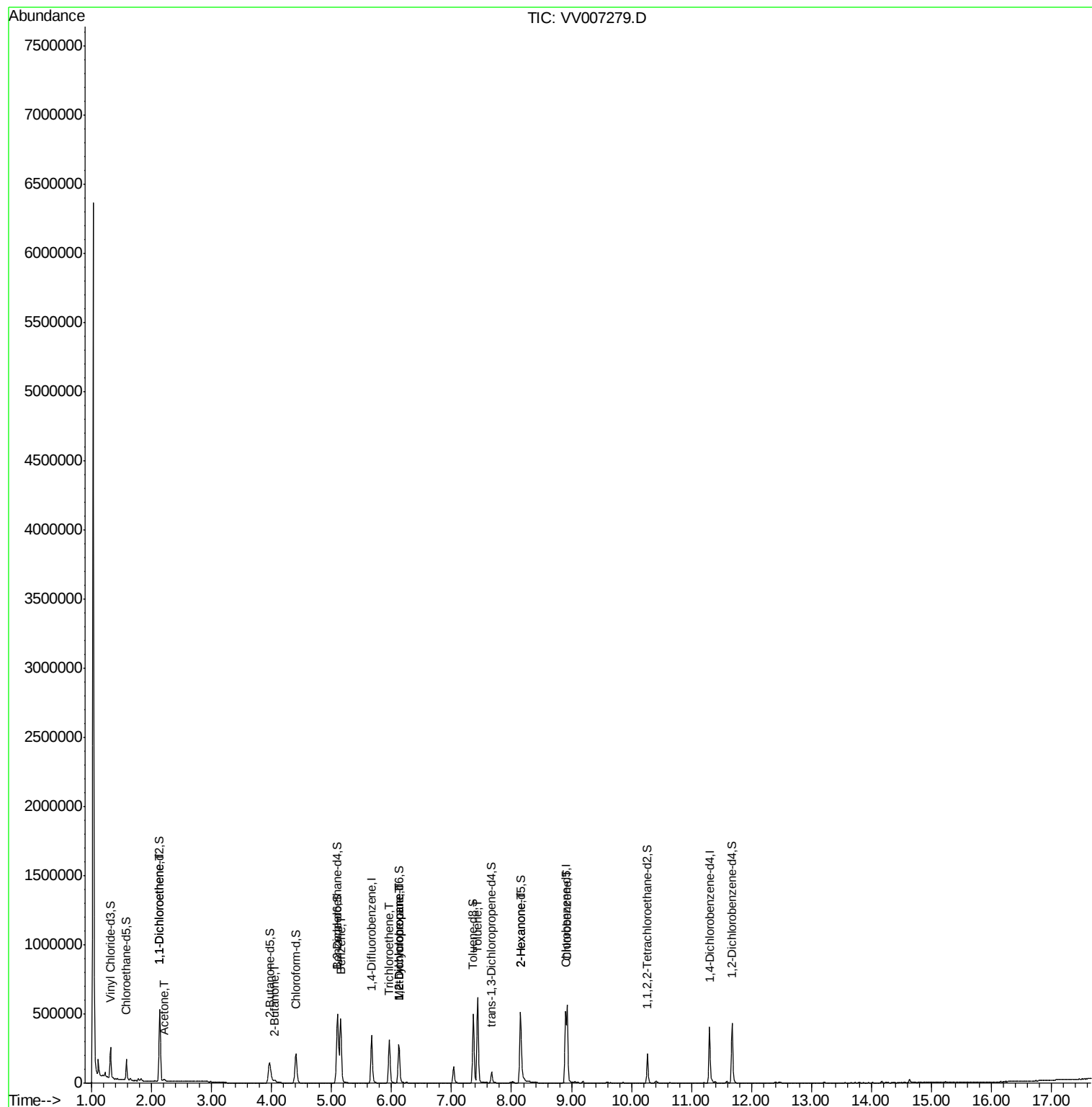
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	100436	4.901	ug/L	98
13) Acetone	2.21	43	14233	5.093	ug/L	97
21) 2-Butanone	4.05	43	9927	1.976	ug/L	99
33) Benzene	5.15	78	473561	4.960	ug/L	100
34) Trichloroethene	5.96	95	108019	4.605	ug/L	97
35) Methylcyclohexane	6.12	83	33717	0.904	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14490	0.587	ug/L #	86
42) Toluene	7.44	91	457847	4.803	ug/L	99
48) 2-Hexanone	8.15	43	31649	3.958	ug/L #	77
51) Chlorobenzene	8.93	112	295622	4.748	ug/L	98

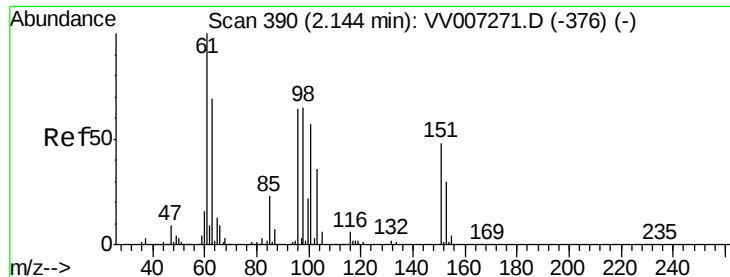
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.901 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

Instrument :
MSVOA_V
ClientSampleId :

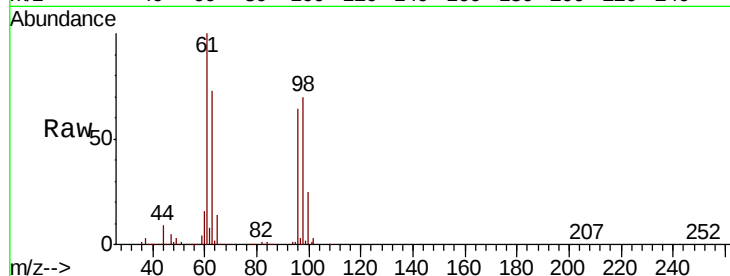
Tot Ion: 96 Resp: 100436

Ion Ratio Lower Upper

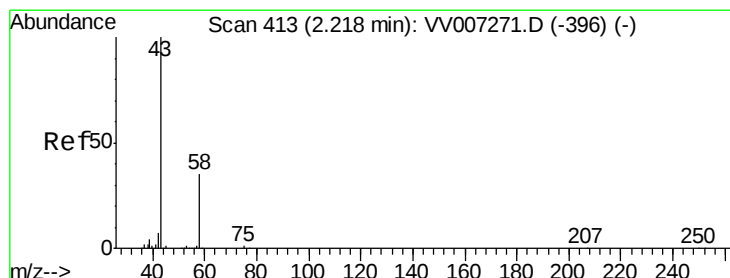
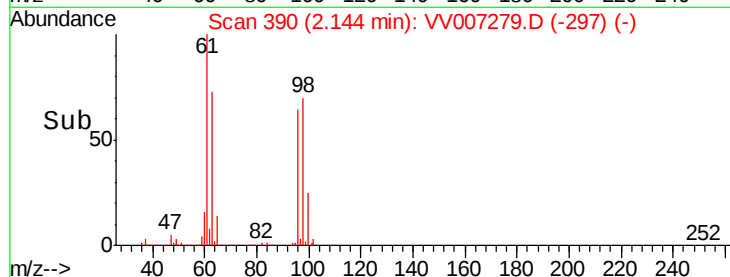
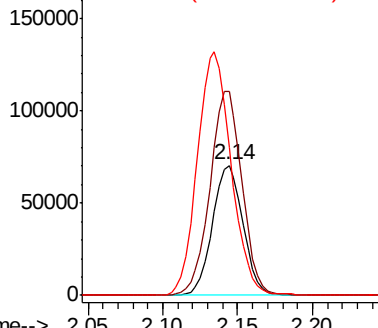
96 100

61 156.9 108.8 202.0

63 113.9 78.0 144.9



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 5.093 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.01 min

Lab File: VV007279.D

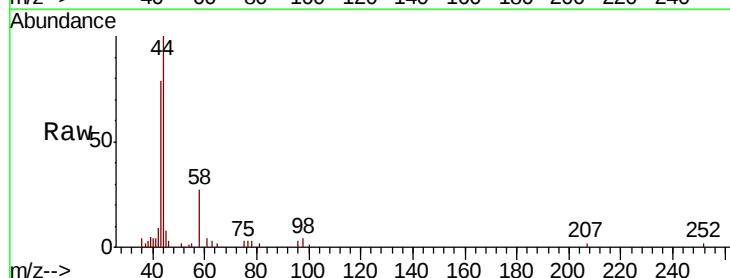
Acq: 30 Aug 2018 23:28

Tgt Ion: 43 Resp: 14233

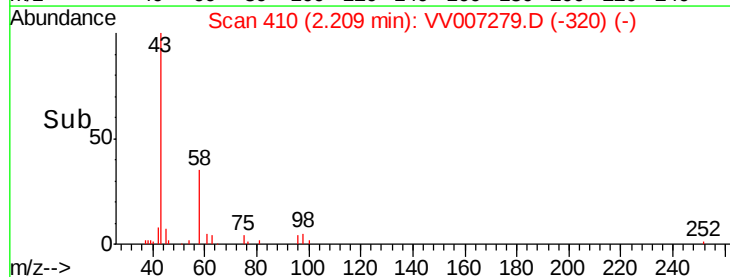
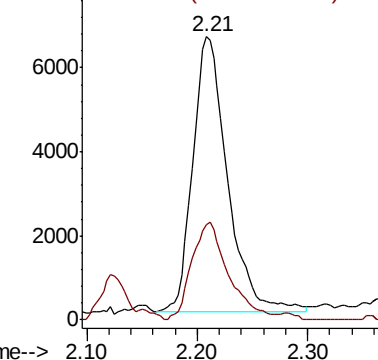
Ion Ratio Lower Upper

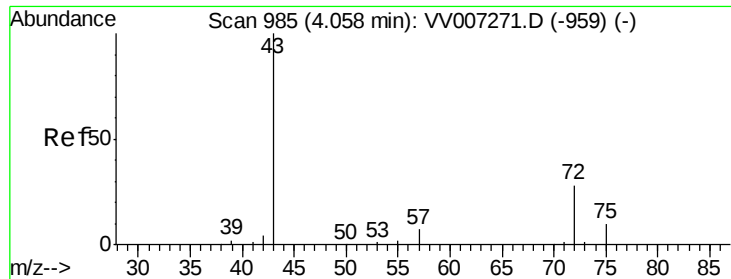
43 100

58 37.8 0.0 71.8



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0





#21

2-Butanone

Concen: 1.976 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

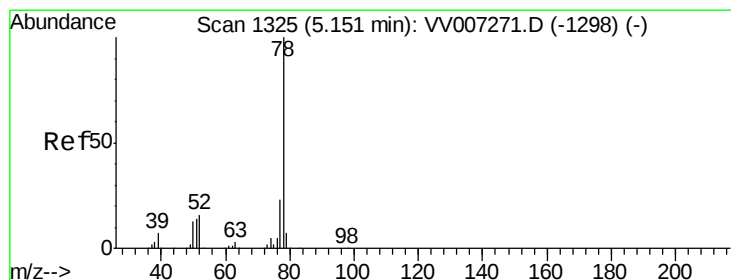
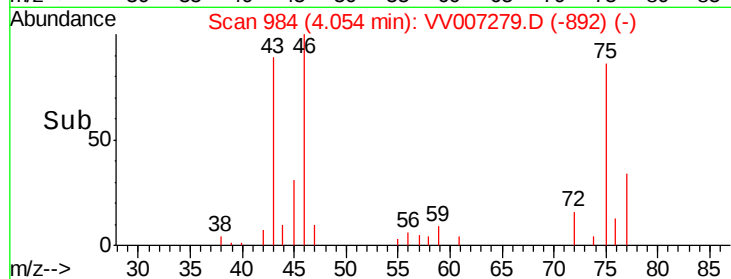
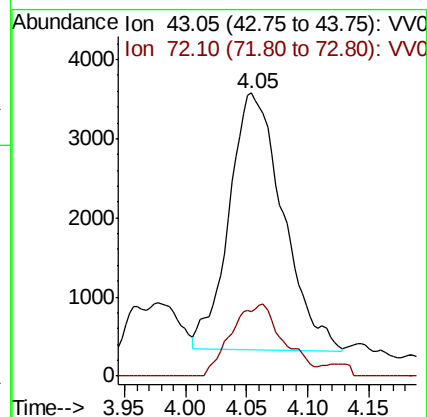
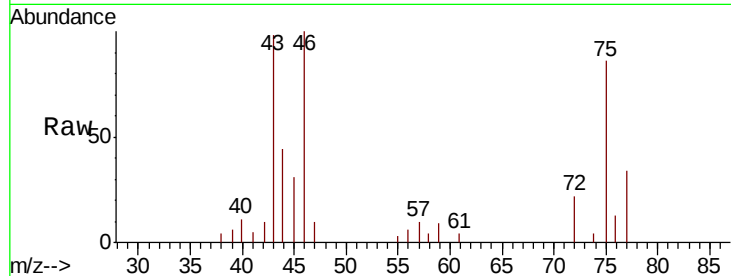
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9927

Ion Ratio Lower Upper

43 100

72 27.6 14.1 42.3



#33

Benzene

Concen: 4.960 ug/L

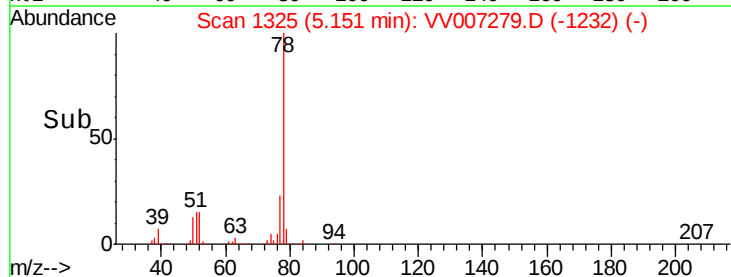
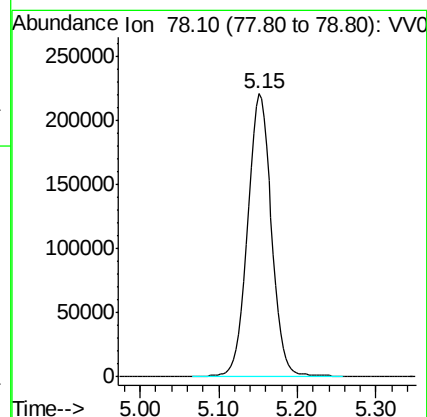
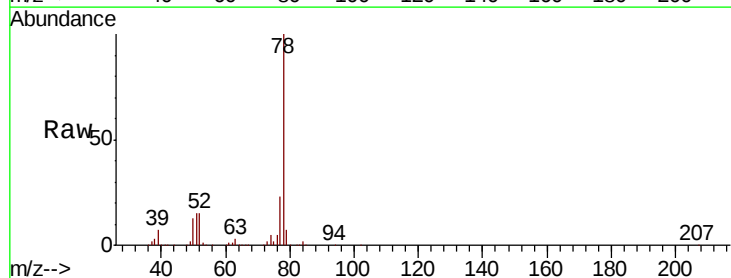
RT: 5.15 min Scan# 1325

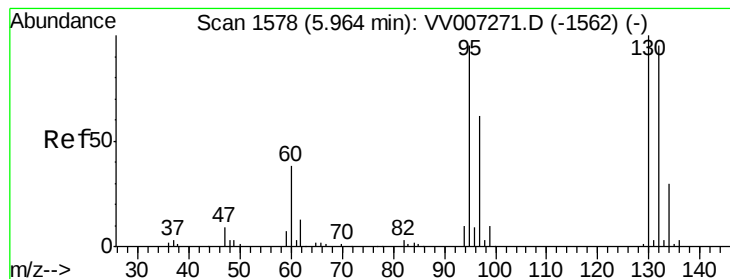
Delta R.T. -0.00 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

Tgt Ion: 78 Resp: 473561





#34

Trichloroethene

Concen: 4.605 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 108019

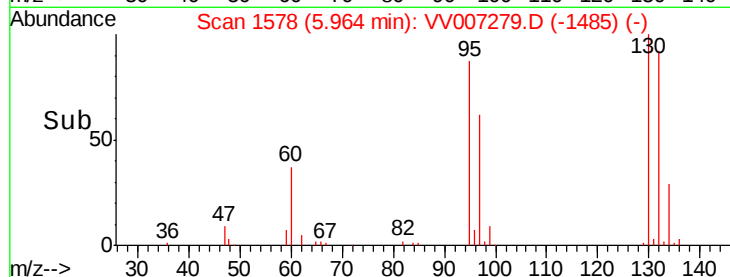
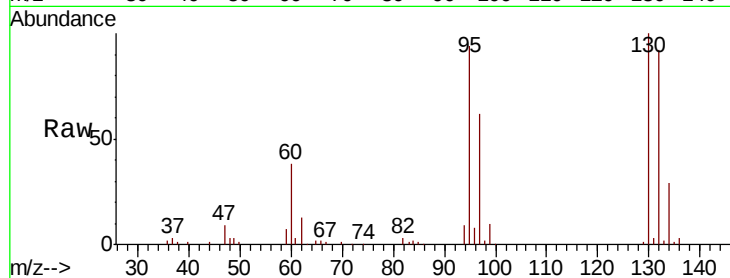
Ion Ratio Lower Upper

95 100

97 66.4 44.2 82.2

132 98.1 70.9 131.7

130 106.9 72.7 135.1

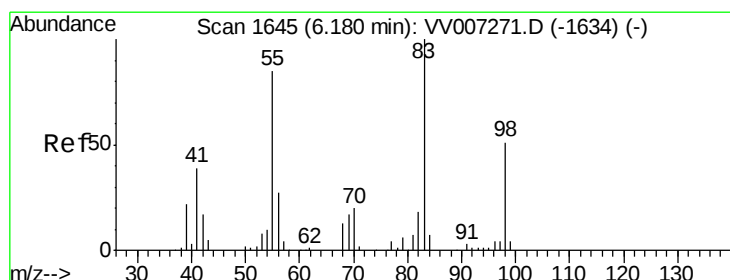
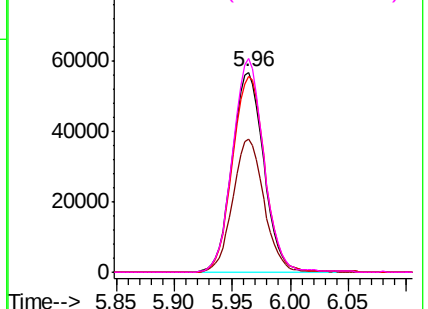


Abundance Ion 95.00 (94.70 to 95.70): VV007279.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VV007279.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV007279.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV007279.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

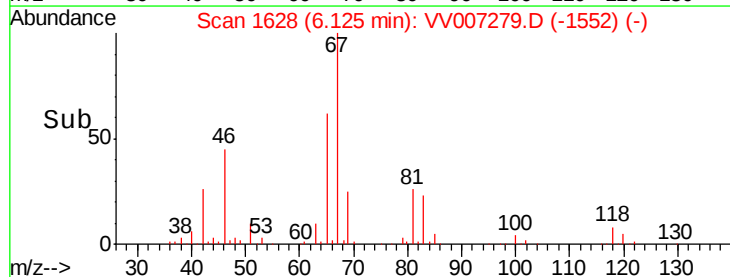
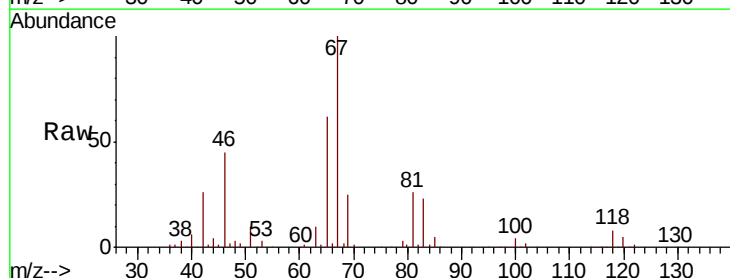
Tgt Ion: 83 Resp: 33717

Ion Ratio Lower Upper

83 100

55 0.6 63.5 95.3#

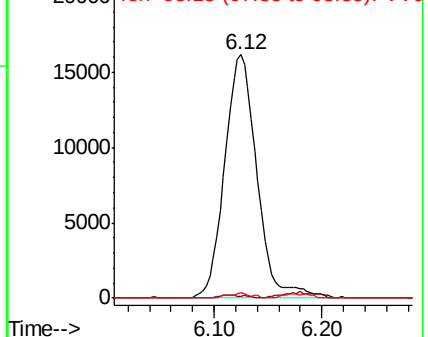
98 1.4 38.9 58.3#

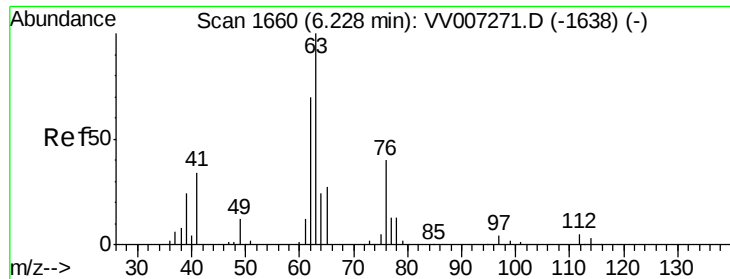


Abundance Ion 83.15 (82.85 to 83.85): VV007279.D (-1552) (-)

Ion 55.10 (54.80 to 55.80): VV007279.D (-1552) (-)

Ion 98.15 (97.85 to 98.85): VV007279.D (-1552) (-)





#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007279.D

Acq: 30 Aug 2018 23:28

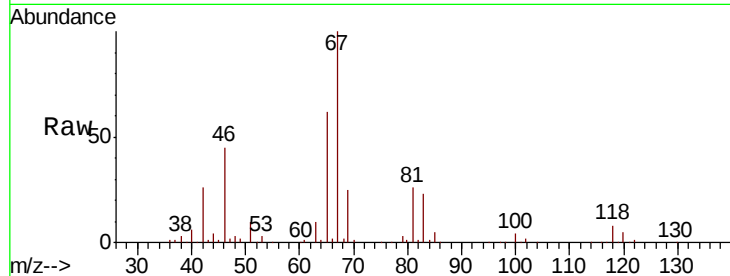
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 14490

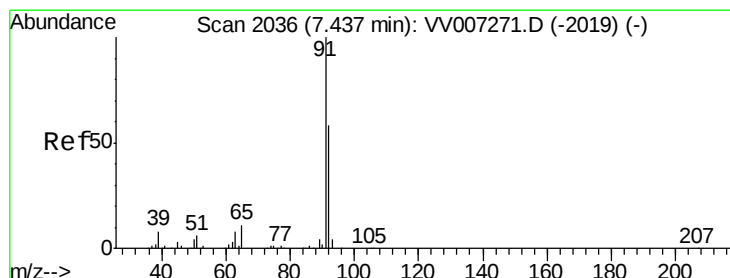
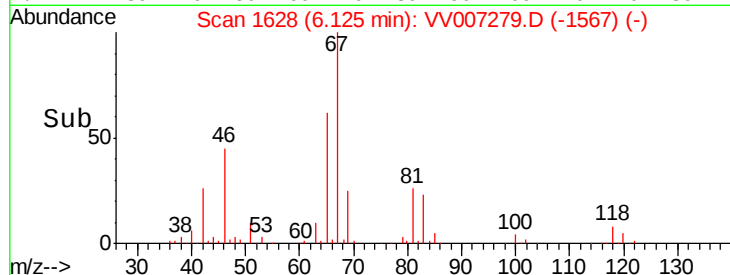
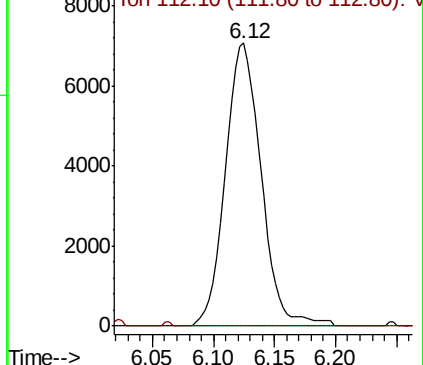
Ion Ratio Lower Upper

63 100

112 0.3 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV007279.D (-1567) (-)



#42

Toluene

Concen: 4.803 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV007279.D

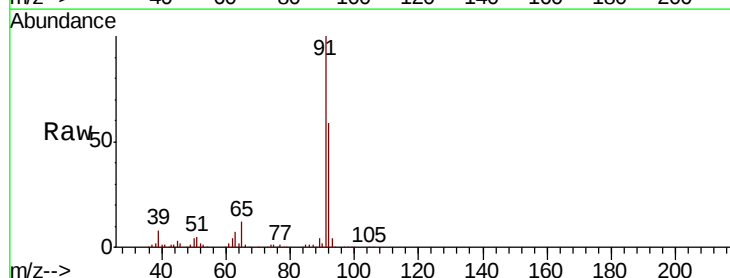
Acq: 30 Aug 2018 23:28

Tgt Ion: 91 Resp: 457847

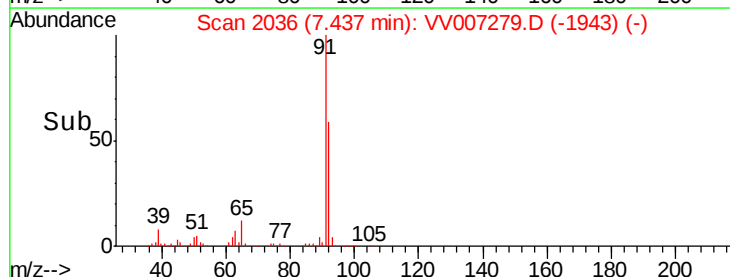
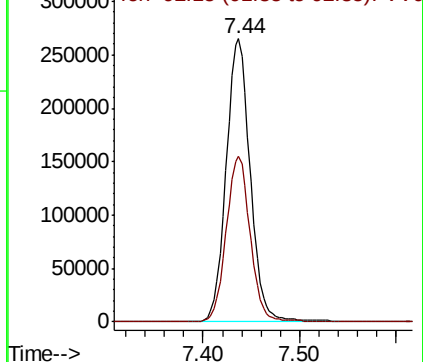
Ion Ratio Lower Upper

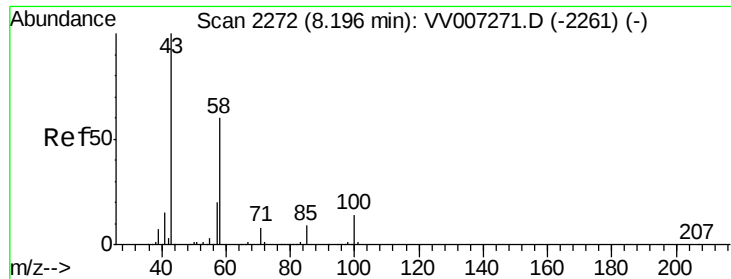
91 100

92 58.6 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV007279.D (-1943) (-)

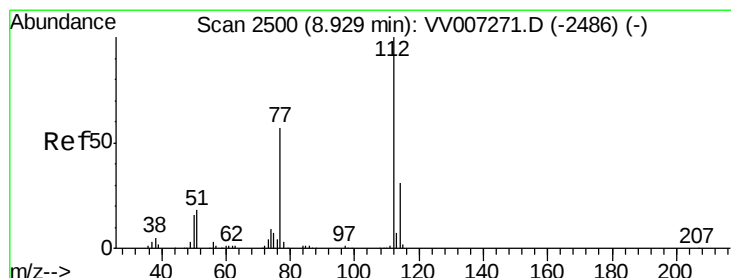
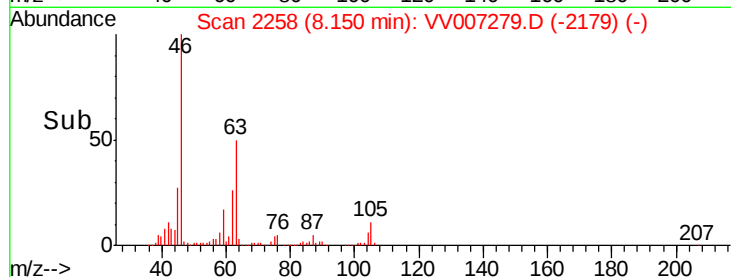
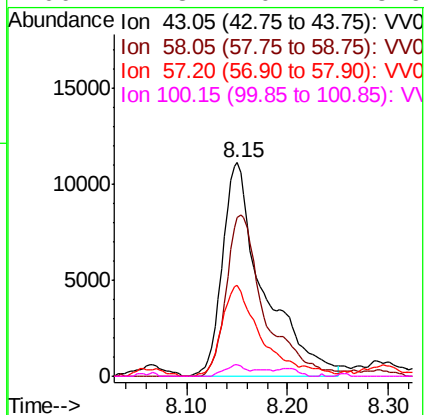
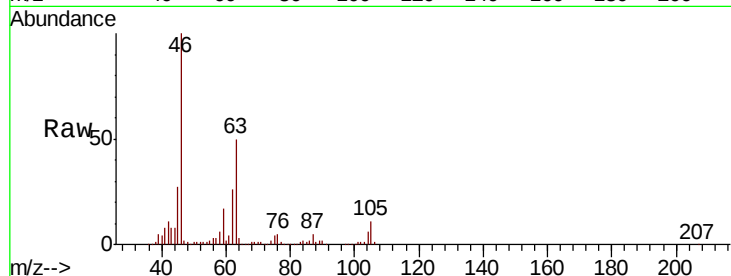




#48
2-Hexanone
Concen: 3.958 ug/L
RT: 8.15 min Scan# 2258
Delta R.T. -0.05 min
Lab File: VV007279.D
Acq: 30 Aug 2018 23:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 31649
Ion Ratio Lower Upper
43 100
58 70.0 46.6 69.8#
57 38.6 15.4 23.0#
100 2.8 10.4 15.6#



#51
Chlorobenzene
Concen: 4.748 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV007279.D
Acq: 30 Aug 2018 23:28

Tgt Ion: 112 Resp: 295622
Ion Ratio Lower Upper
112 100
114 31.0 22.7 42.3
77 56.8 46.7 70.1

