

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007204.D
 Acq On : 25 Aug 2018 15:17
 Operator : SY/MD
 Sample : J4645-02MS
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:25:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	678847	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	672828	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	280192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203248	42.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.24%
7) Chloroethane-d5	1.58	69	177618	45.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.88%
11) 1,1-Dichloroethene-d2	2.13	63	398555	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.08%
21) 2-Butanone-d5	3.96	46	324656	91.36	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.36%
24) Chloroform-d	4.41	84	432359	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
26) 1,2-Dichloroethane-d4	5.09	65	277179	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.04%
32) Benzene-d6	5.11	84	874694	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.12	67	295821	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.32%
41) Toluene-d8	7.37	98	712162	42.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.64%
43) trans-1,3-Dichloropropene-	7.67	79	123095	44.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.82%
47) 2-Hexanone-d5	8.14	63	167155	84.46	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	389546	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.68	152	290016	49.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.18%

Target Compounds

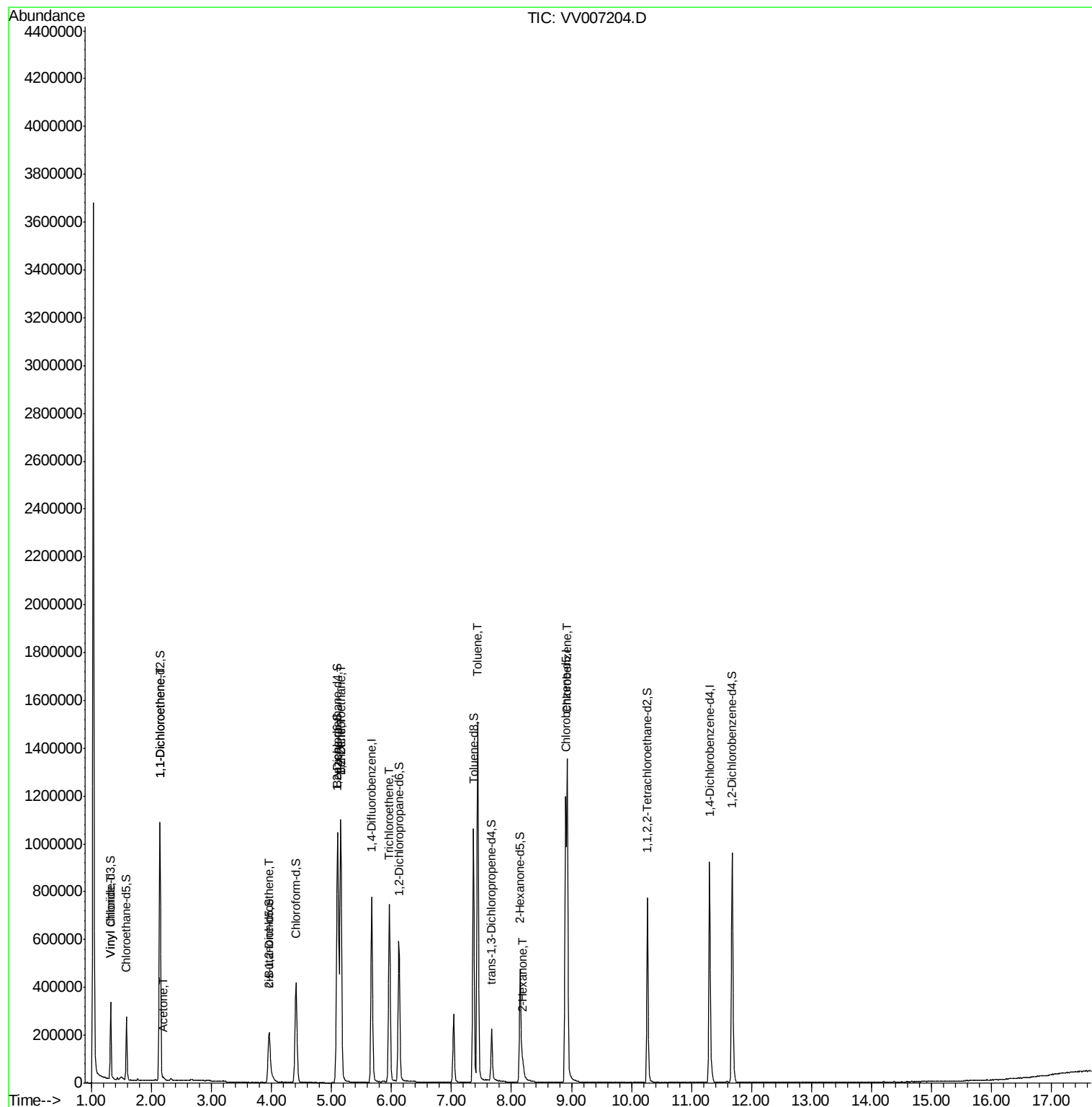
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	11903	2.085	ug/L #	63
12) 1,1-Dichloroethene	2.14	96	231697	55.173	ug/L	98
13) Acetone	2.20	43	7597	2.896	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	8134	1.536	ug/L	93
27) 1,2-Dichloroethane	5.15	62	8487	1.267	ug/L #	72
33) Benzene	5.15	78	1139164	54.662	ug/L	100
34) Trichloroethene	5.96	95	261107	51.525	ug/L	98
42) Toluene	7.44	91	1114457	55.165	ug/L	100
48) 2-Hexanone	8.19	43	33523	6.587	ug/L #	74
51) Chlorobenzene	8.93	112	735806	53.864	ug/L	99

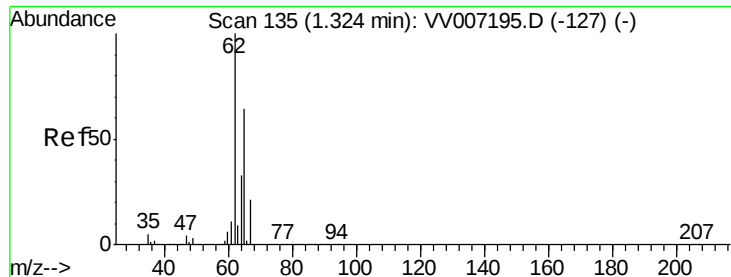
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.085 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Instrument :

MSVOA_V

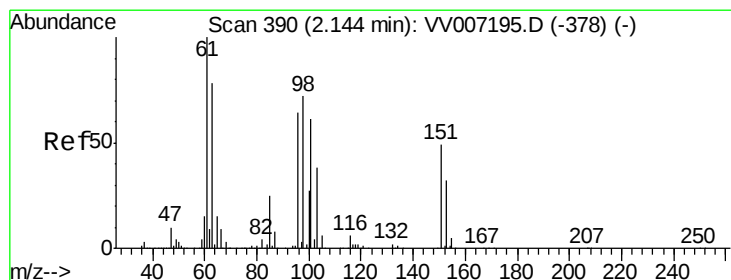
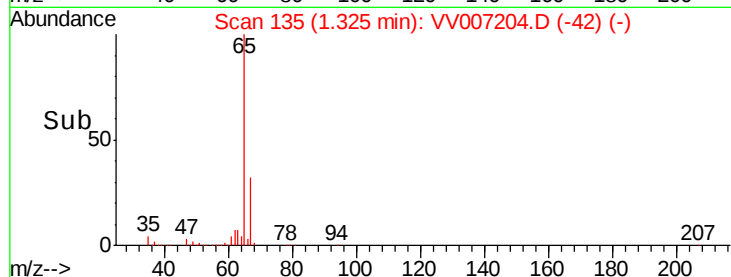
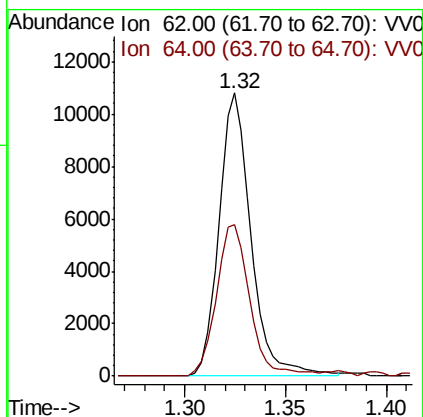
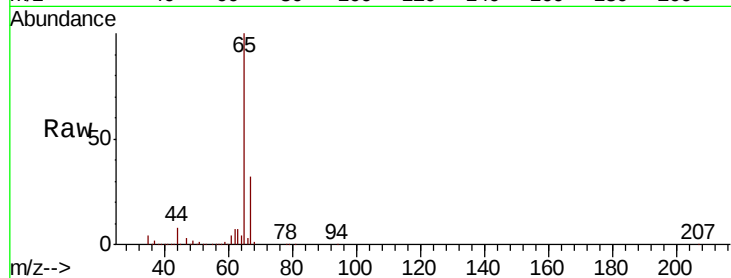
ClientSampleId :

Tot Ion: 62 Resp: 11903

Ion Ratio Lower Upper

62 100

64 53.6 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 55.173 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

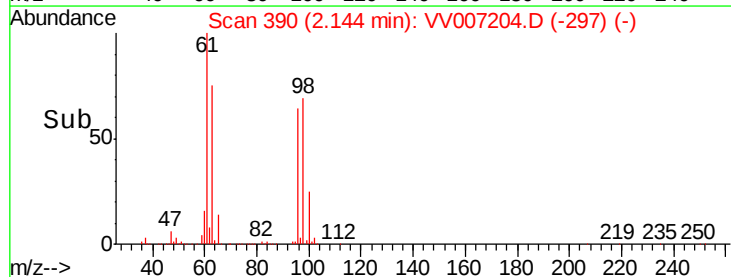
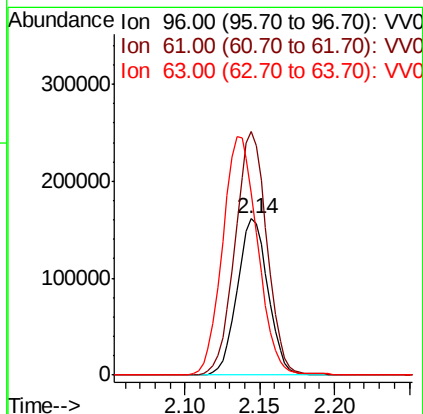
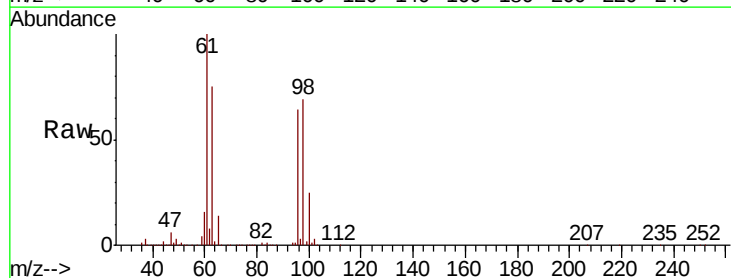
Tgt Ion: 96 Resp: 231697

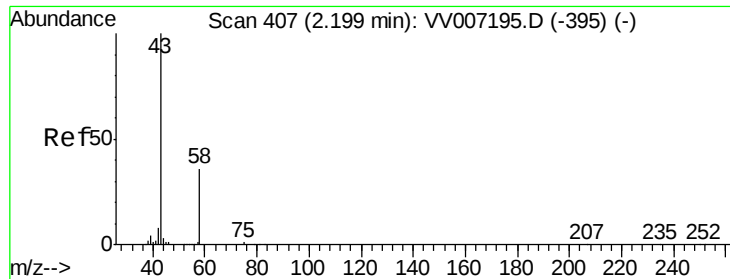
Ion Ratio Lower Upper

96 100

61 155.5 108.5 201.5

63 116.5 84.9 157.7





#13

Acetone

Concen: 2.896 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

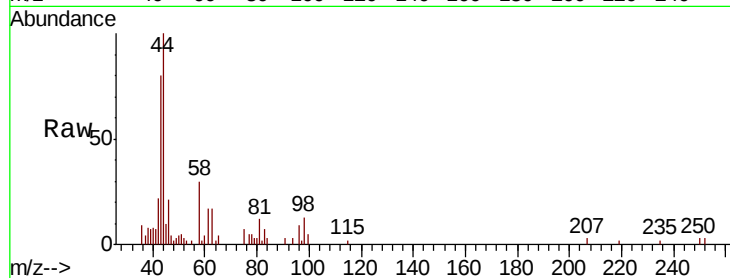
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7597

Ion Ratio Lower Upper

43 100

58 36.5 0.0 72.0



Abundance Ion 43.00 (42.70 to 43.70): VV007195.D (-395) (-)

Ion 58.00 (57.70 to 58.70): VV007195.D (-395) (-)

5000

4000

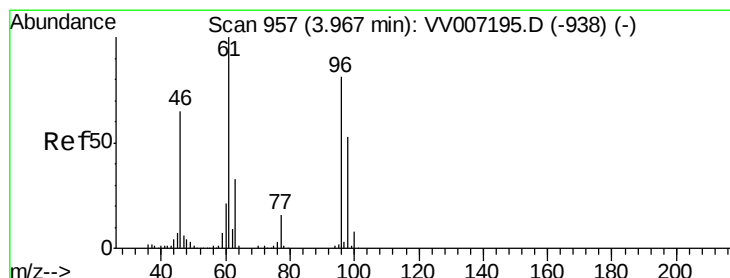
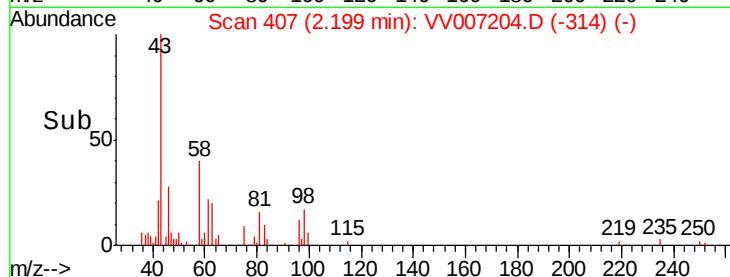
3000

2000

1000

0

Time--> 2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 1.536 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

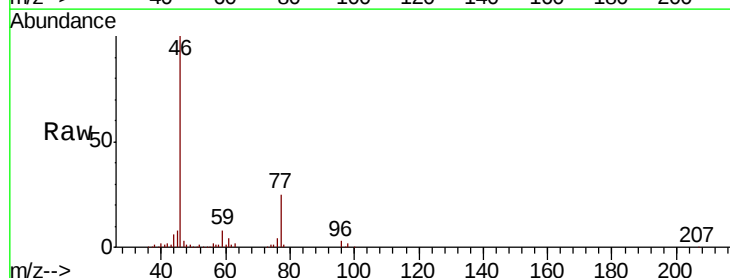
Tgt Ion: 96 Resp: 8134

Ion Ratio Lower Upper

96 100

61 134.3 88.2 163.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV007195.D (-938) (-)

Ion 61.00 (60.70 to 61.70): VV007195.D (-938) (-)

Ion 68.00 (67.70 to 68.70): VV007195.D (-938) (-)

6000

5000

4000

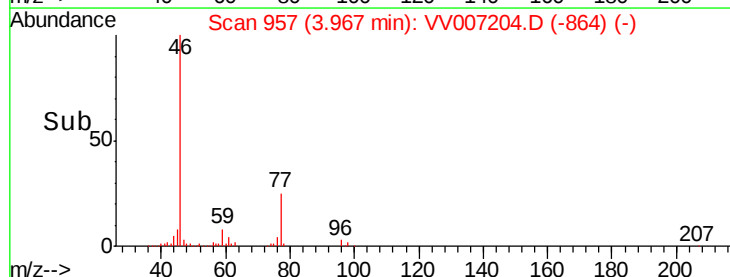
3000

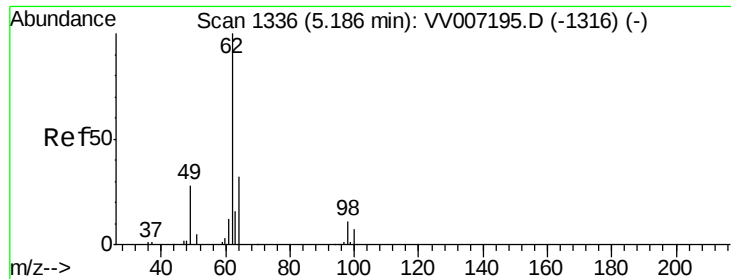
2000

1000

0

Time--> 3.90 3.95 4.00 4.05





#27

1,2-Dichloroethane

Concen: 1.267 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.04 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

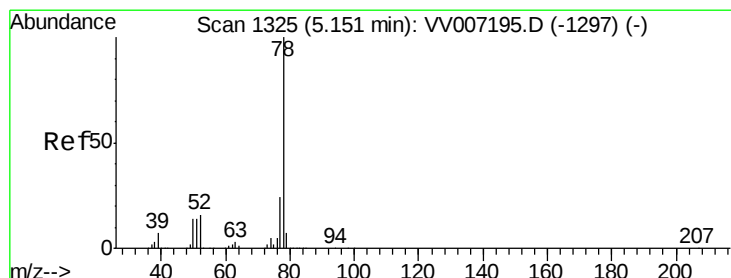
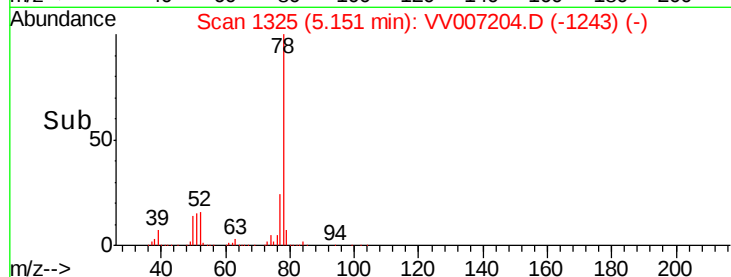
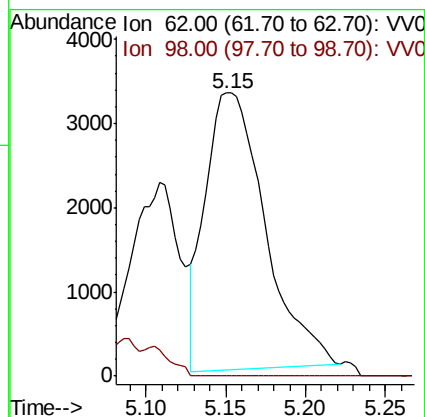
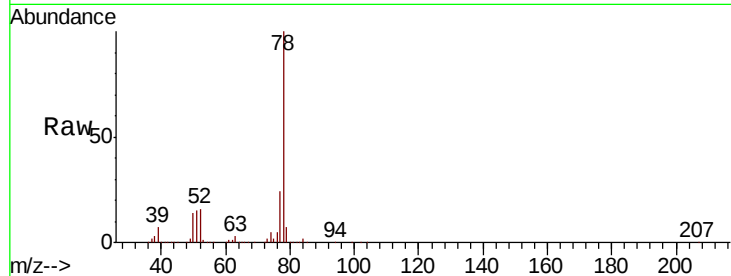
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 8487

Ion Ratio Lower Upper

62 100

98 0.0 8.3 12.5#



#33

Benzene

Concen: 54.662 ug/L

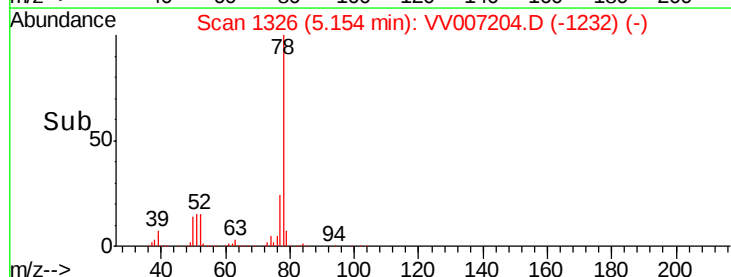
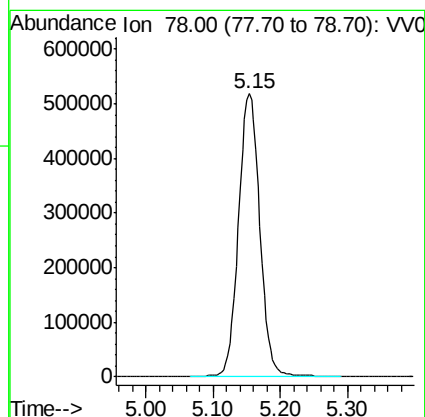
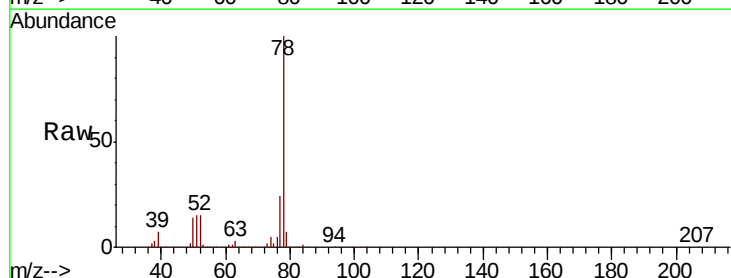
RT: 5.15 min Scan# 1326

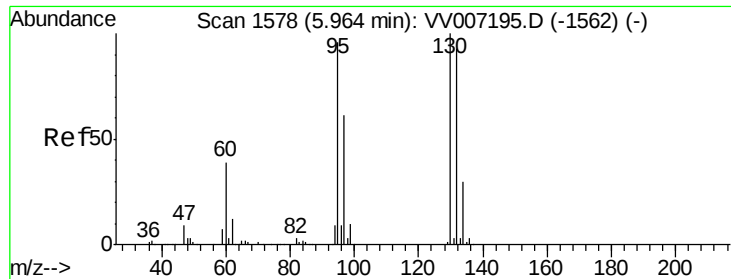
Delta R.T. 0.00 min

Lab File: VV007204.D

Acq: 25 Aug 2018 15:17

Tgt Ion: 78 Resp: 1139164

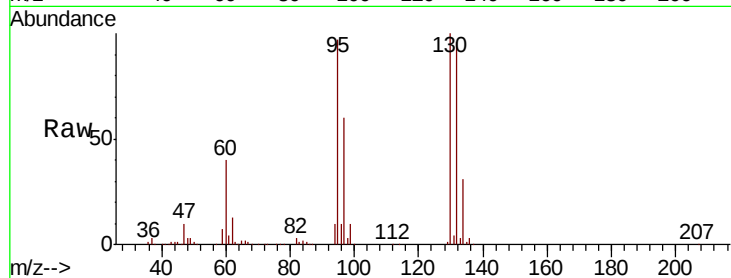




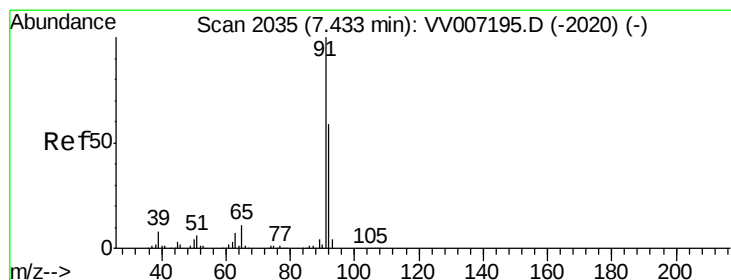
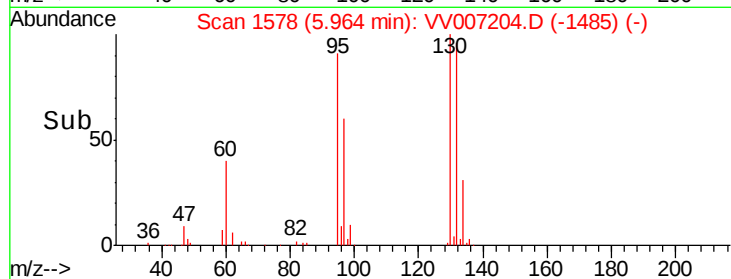
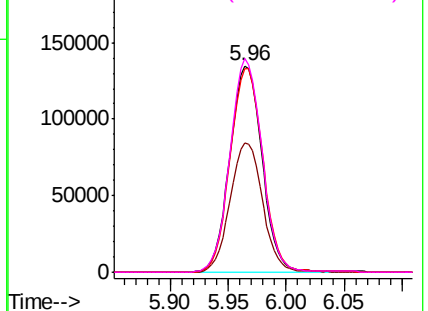
#34
 Trichloroethene
 Concen: 51.525 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VV007204.D
 Acq: 25 Aug 2018 15:17

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	95	Resp:	261107
Ion	Ratio	Lower	Upper
95	100		
97	62.4	45.4	84.2
132	98.8	70.8	131.4
130	103.4	71.7	133.3

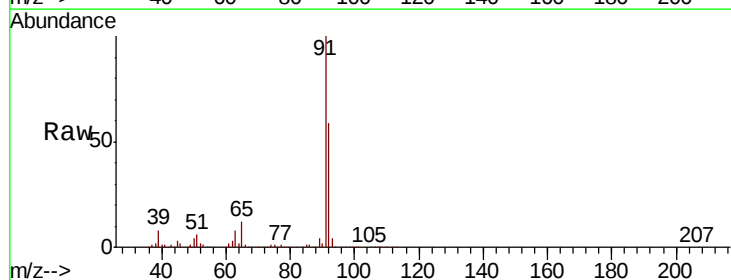


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0

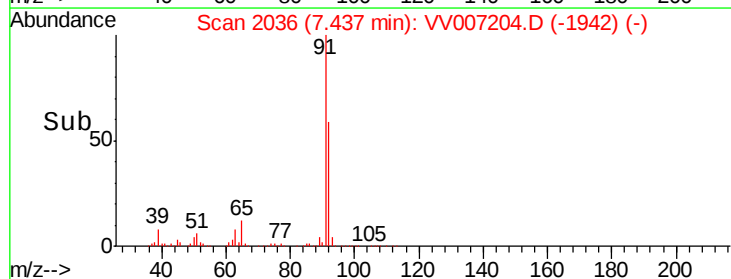
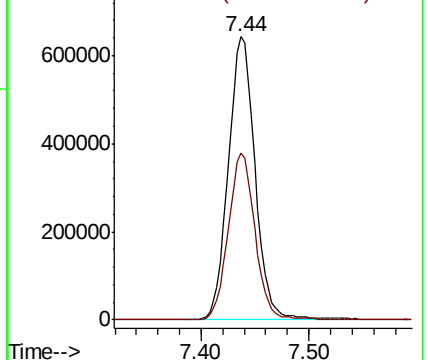


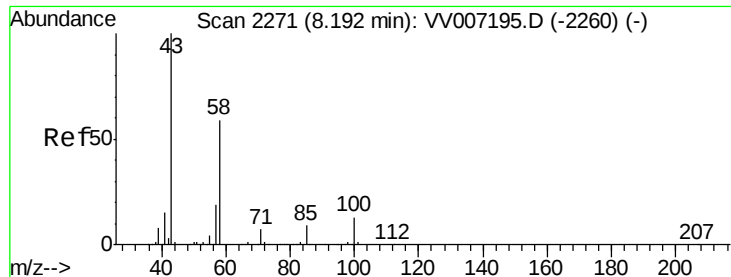
#42
 Toluene
 Concen: 55.165 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV007204.D
 Acq: 25 Aug 2018 15:17

Tgt Ion:	91	Resp:	1114457
Ion	Ratio	Lower	Upper
91	100		
92	59.0	41.2	76.6



Abundance Ion 91.00 (90.70 to 91.70): VV0
 Ion 92.00 (91.70 to 92.70): VV0

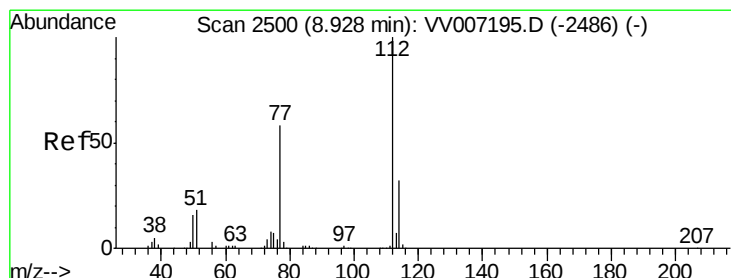
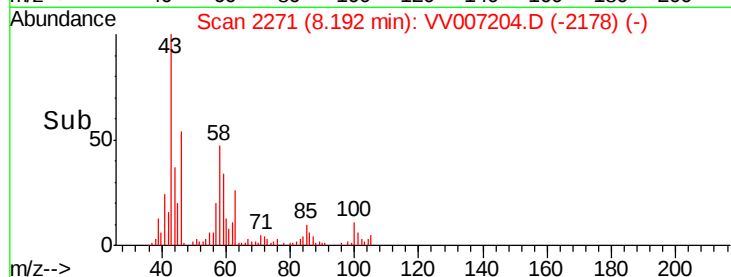
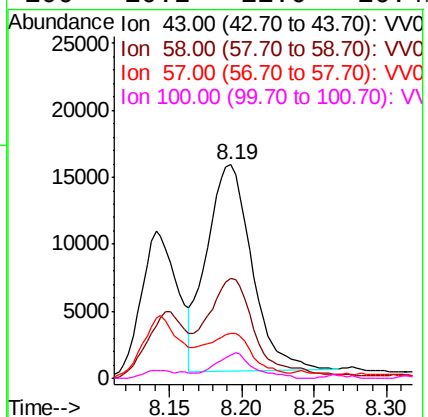
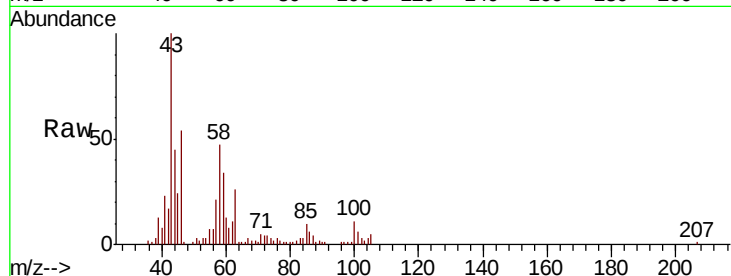




#48
2-Hexanone
Concen: 6.587 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV007204.D
Acq: 25 Aug 2018 15:17

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	33523
Ion	Ratio	Lower	Upper
43	100		
58	41.6	47.3	70.9#
57	0.0	16.5	24.7#
100	10.2	11.0	16.4#



#51
Chlorobenzene
Concen: 53.864 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV007204.D
Acq: 25 Aug 2018 15:17

Tgt Ion:	112	Resp:	735806
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.0	40.8
77	56.8	46.4	69.6

