

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
 Data File : VV008698.D
 Acq On : 21 Nov 2018 14:07
 Operator : SY/MD
 Sample : J6026-06DL 4X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0FK5DL

Quant Time: Nov 22 10:00:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 22 00:36:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	182288	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	72672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41213	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.59	69	30863	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.14	63	60938	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.96	46	114935	39.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.34%
24) Chloroform-d	4.41	84	95573	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.09	65	51046	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.10	84	205433	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	61879	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.36	98	184745	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	19292	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.14	63	78764	32.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.90%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39261	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	61473	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

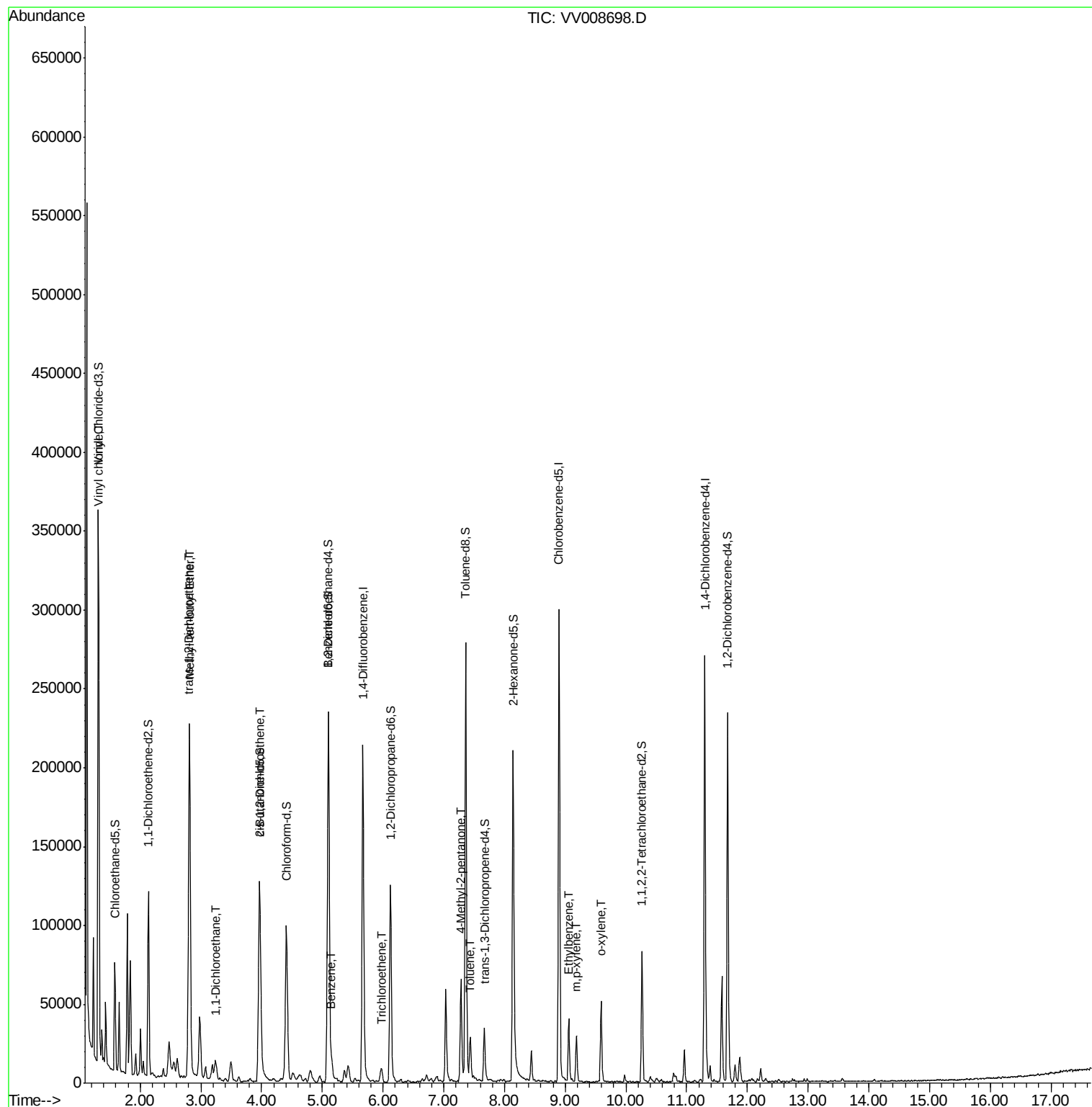
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.33	62	5678	0.493	ug/L	89
17) Methyl tert-butyl Ether	2.81	73	215662	9.589	ug/L	98
18) trans-1,2-Dichloroethene	2.80	96	11354	1.238	ug/L	95
19) 1,1-Dichloroethane	3.23	63	7521	0.324	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	39211	2.832	ug/L	97
33) Benzene	5.15	78	11926	0.229	ug/L	100
34) Trichloroethene	5.96	95	1780	0.129	ug/L	91
40) 4-Methyl-2-pentanone	7.28	43	47682	5.944	ug/L	97
42) Toluene	7.43	91	18608	0.342	ug/L	97
52) Ethylbenzene	9.06	91	27269	0.456	ug/L	97
53) m,p-xylene	9.18	106	8237	0.373	ug/L	99
54) o-xylene	9.59	106	13523	0.628	ug/L	100

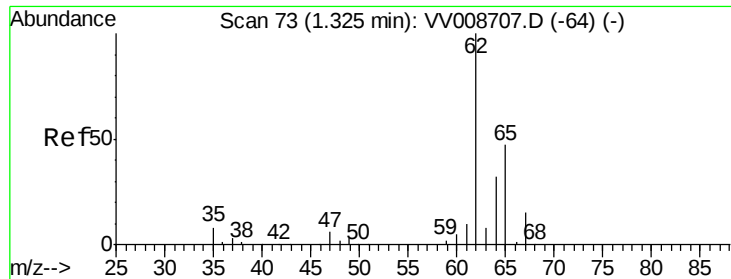
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 22 00:36:45 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.493 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

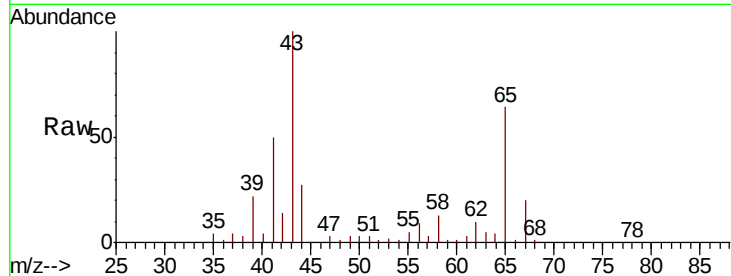
H0FK5DL

Tgt Ion: 62 Resp: 5678

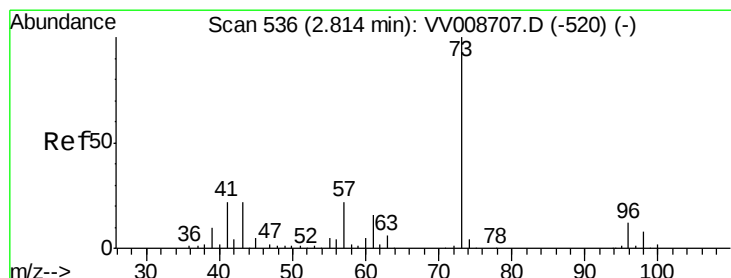
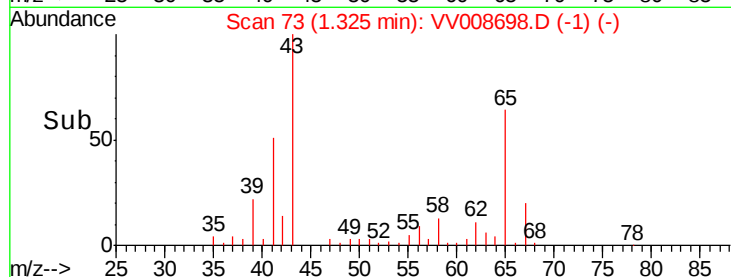
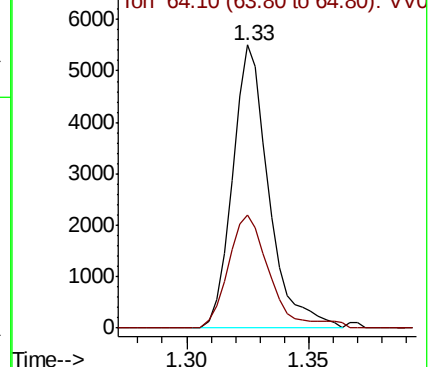
Ion Ratio Lower Upper

62 100

64 39.9 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV008707.D (-64) (-)



#17

Methyl tert-butyl Ether

Concen: 9.589 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

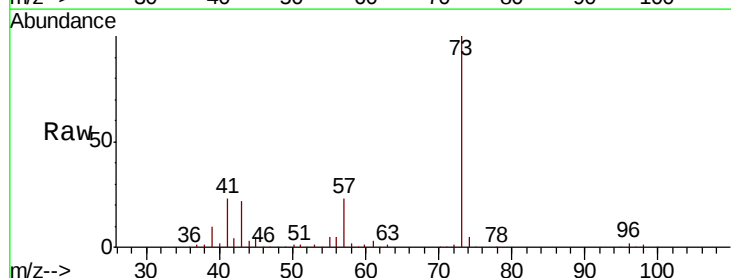
Tgt Ion: 73 Resp: 215662

Ion Ratio Lower Upper

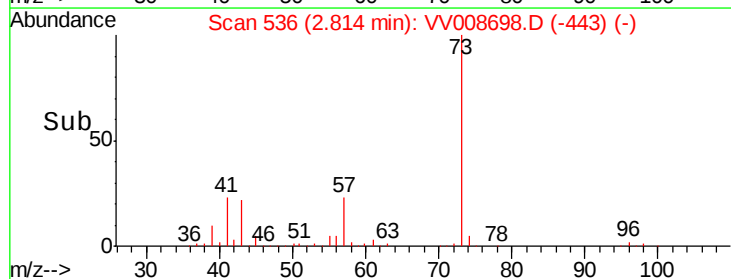
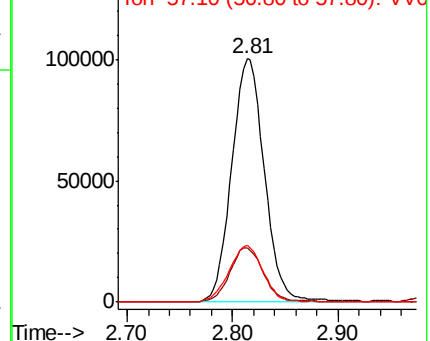
73 100

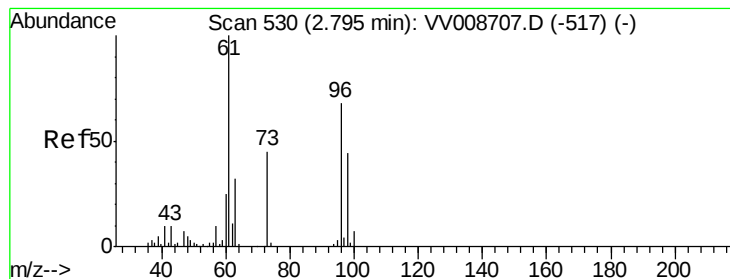
43 22.4 18.1 27.1

57 24.2 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV008707.D (-520) (-)





#18

trans-1,2-Dichloroethene

Concen: 1.238 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

H0FK5DL

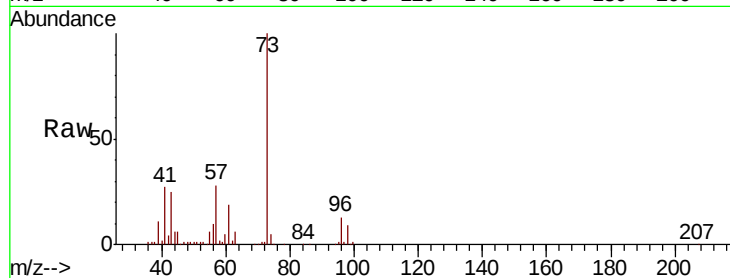
Tgt Ion: 96 Resp: 11354

Ion Ratio Lower Upper

96 100

61 143.4 97.1 180.3

98 64.8 41.9 77.7

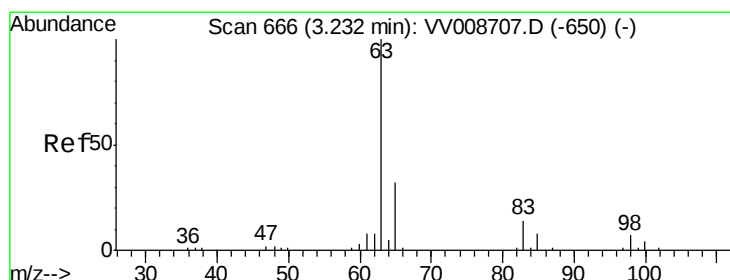
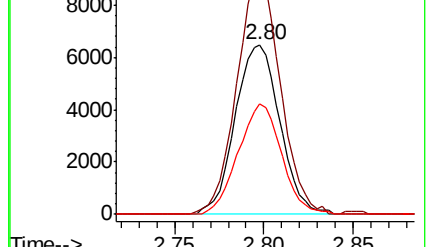
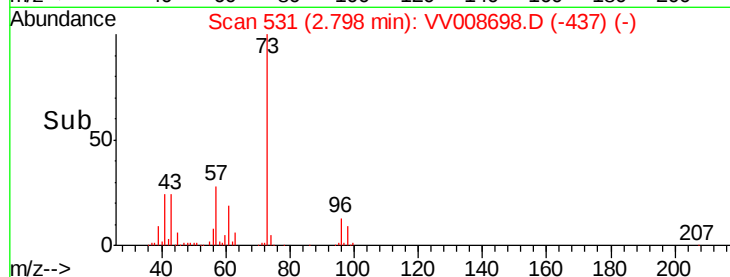


Abundance Ion 96.00 (95.70 to 96.70): VV008698.D (-531) (-)

Ion 61.05 (60.75 to 61.75): VV008698.D (-531) (-)

Ion 97.95 (97.65 to 98.65): VV008698.D (-531) (-)

Time-->



#19

1,1-Dichloroethane

Concen: 0.324 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

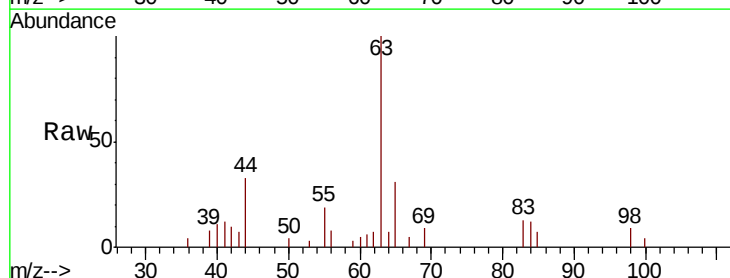
Tgt Ion: 63 Resp: 7521

Ion Ratio Lower Upper

63 100

65 31.4 23.2 43.0

83 13.3 9.5 17.7

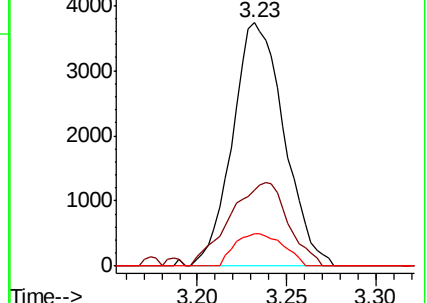
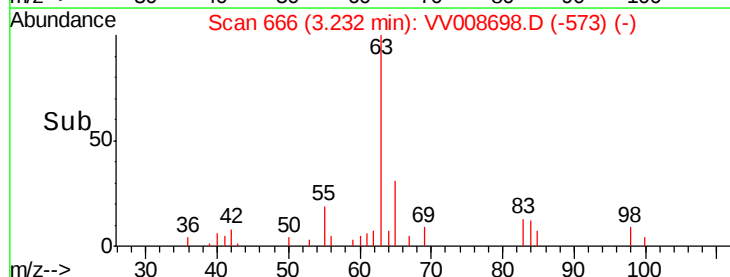


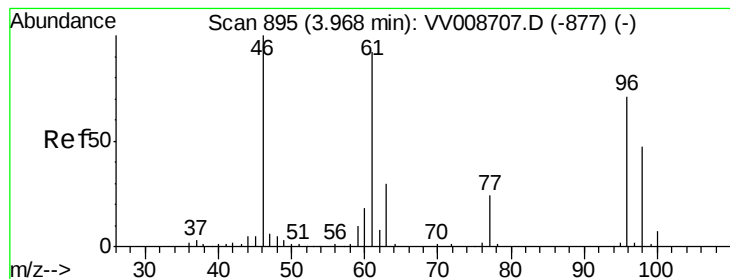
Abundance Ion 63.10 (62.80 to 63.80): VV008698.D (-666) (-)

Ion 65.10 (64.80 to 65.80): VV008698.D (-666) (-)

Ion 83.05 (82.75 to 83.75): VV008698.D (-666) (-)

Time-->



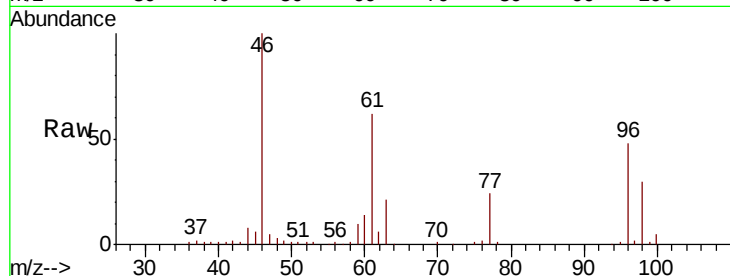


#22

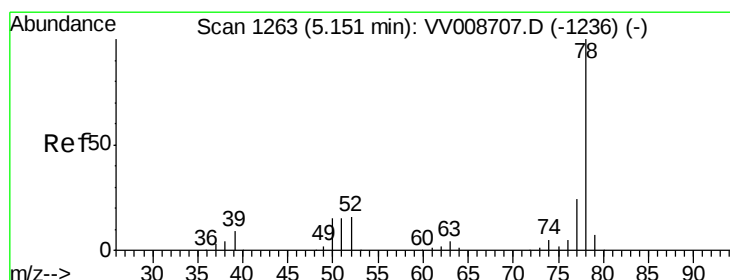
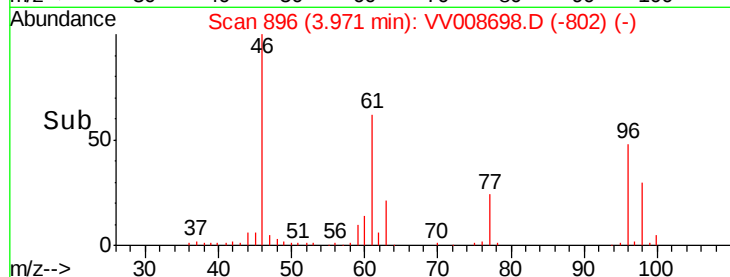
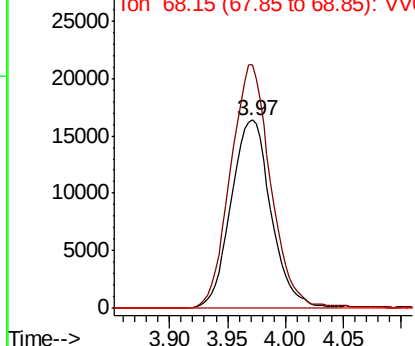
cis-1,2-Dichloroethene
Concen: 2.832 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV008698.D
Acq: 21 Nov 2018 14:07

Instrument :
MSVOA_V
ClientSampleId :
H0FK5DL

Tgt Ion: 96 Resp: 39211
Ion Ratio Lower Upper
96 100
61 129.2 93.2 173.2
68 0.0 0.0 0.0



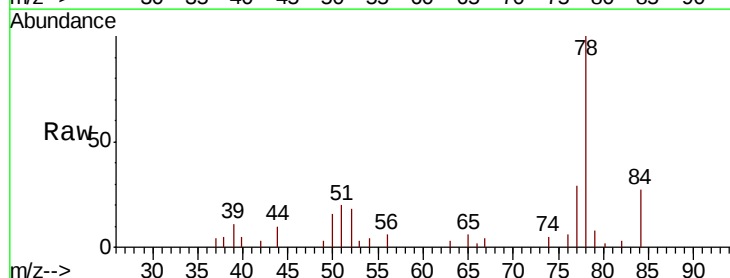
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



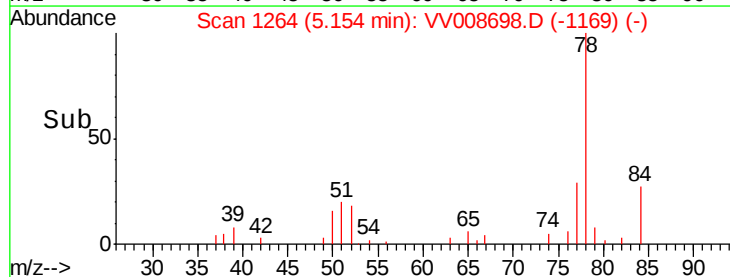
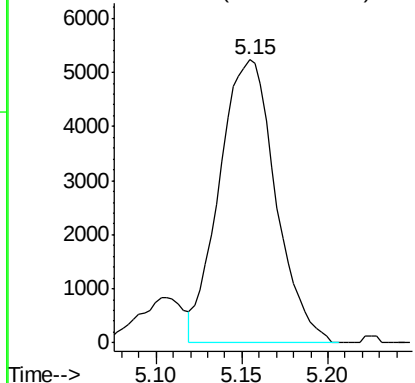
#33

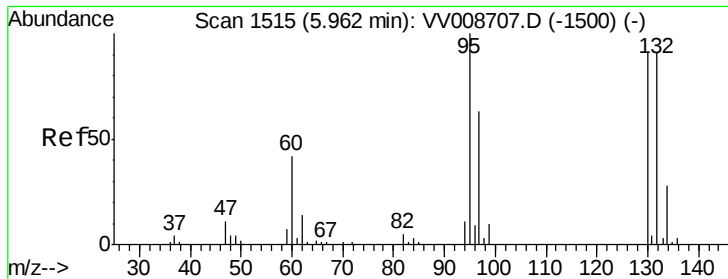
Benzene
Concen: 0.229 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.01 min
Lab File: VV008698.D
Acq: 21 Nov 2018 14:07

Tgt Ion: 78 Resp: 11926



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 0.129 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

H0FK5DL

Tgt Ion: 95 Resp: 1780

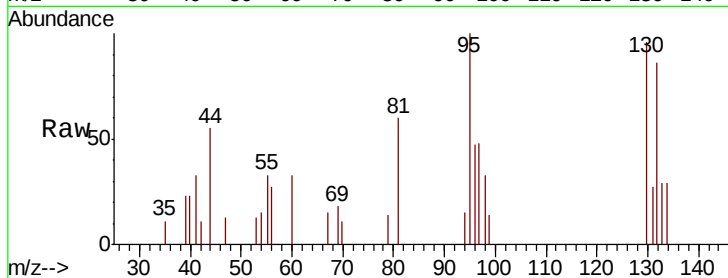
Ion Ratio Lower Upper

95 100

97 47.8 45.1 83.7

132 85.8 66.3 123.1

130 95.9 68.0 126.4

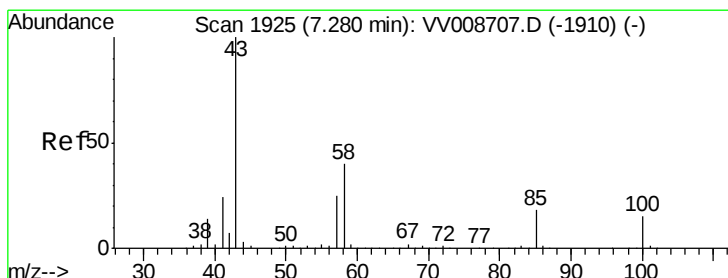
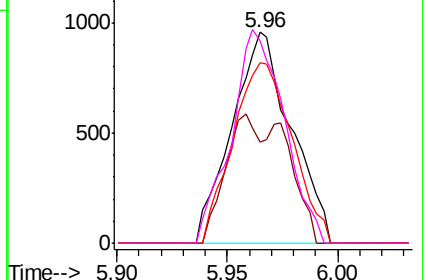
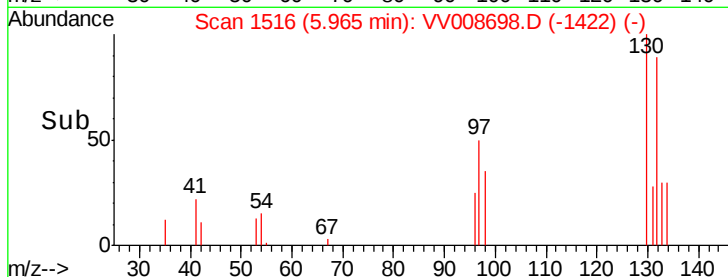


Abundance Ion 95.00 (94.70 to 95.70): VV008698.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008698.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008698.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008698.D (-1422) (-)



#40

4-Methyl-2-pentanone

Concen: 5.944 ug/L

RT: 7.28 min Scan# 1926

Delta R.T. 0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

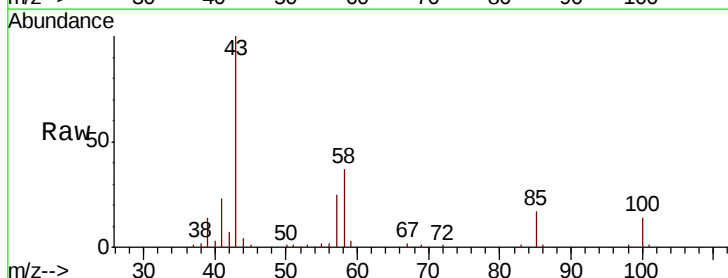
Tgt Ion: 43 Resp: 47682

Ion Ratio Lower Upper

43 100

58 36.7 31.0 46.4

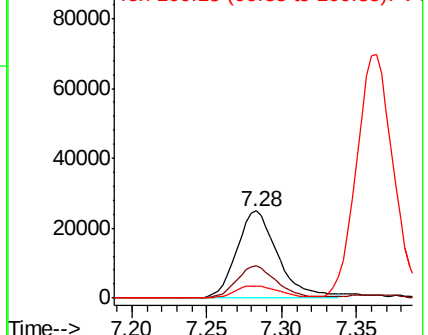
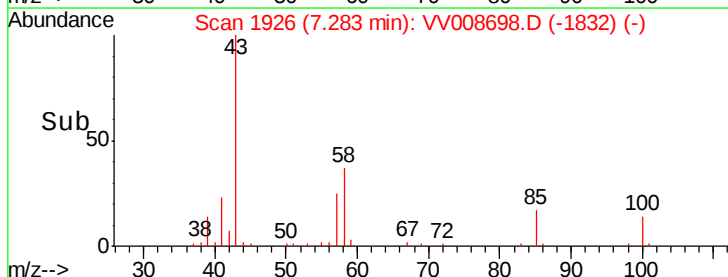
100 15.1 11.1 16.7

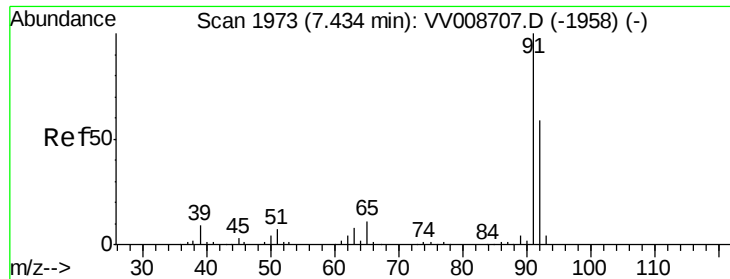


Abundance Ion 43.05 (42.75 to 43.75): VV008698.D (-1832) (-)

Ion 58.05 (57.75 to 58.75): VV008698.D (-1832) (-)

Ion 100.15 (99.85 to 100.85): VV008698.D (-1832) (-)





#42

Toluene

Concen: 0.342 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

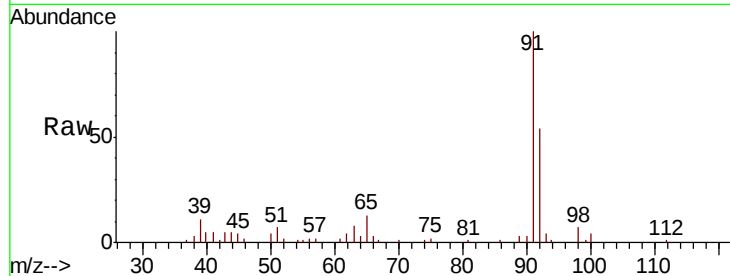
H0FK5DL

Tgt Ion: 91 Resp: 18608

Ion Ratio Lower Upper

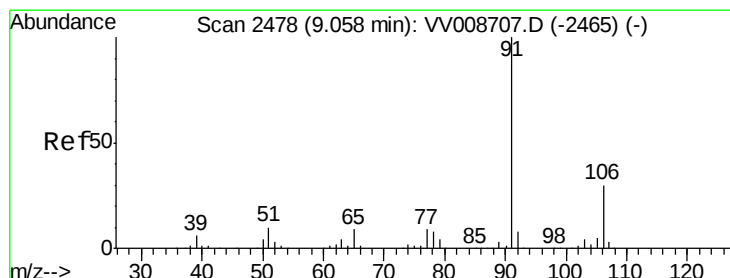
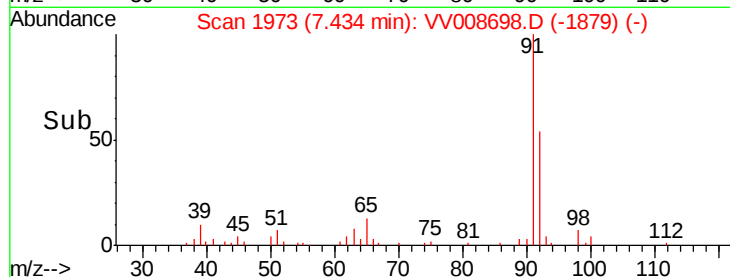
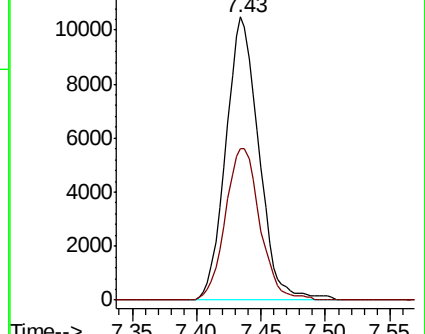
91 100

92 53.6 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV008707.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008707.D (-1958) (-)



#52

Ethylbenzene

Concen: 0.456 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008698.D

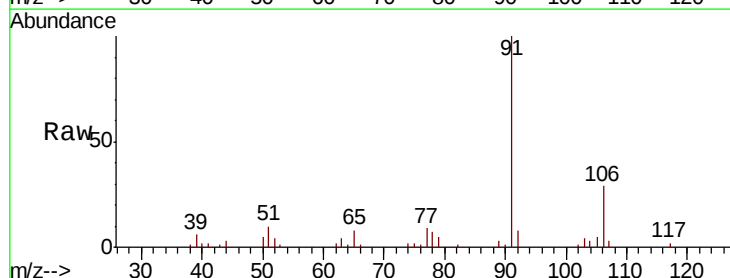
Acq: 21 Nov 2018 14:07

Tgt Ion: 91 Resp: 27269

Ion Ratio Lower Upper

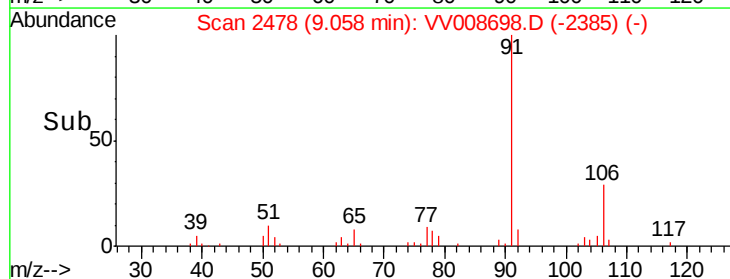
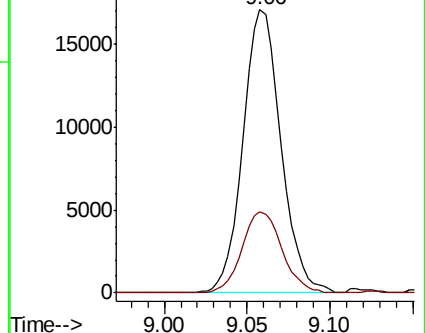
91 100

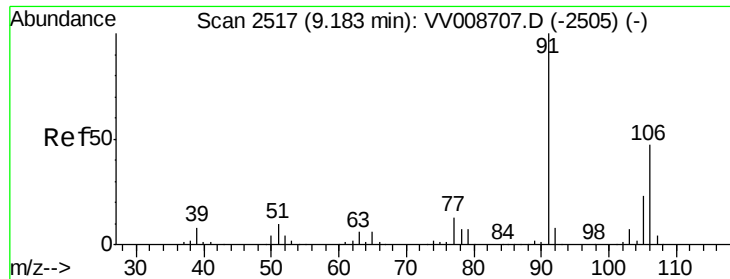
106 28.6 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VV008707.D (-2465) (-)

Ion 106.15 (105.85 to 106.85): VV008707.D (-2465) (-)





#53

m,p-xylene

Concen: 0.373 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008698.D

Acq: 21 Nov 2018 14:07

Instrument :

MSVOA_V

ClientSampleId :

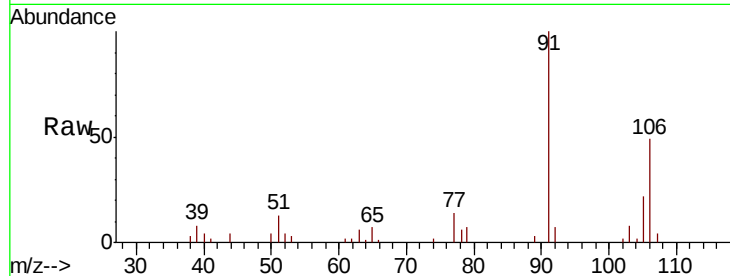
H0FK5DL

Tgt Ion:106 Resp: 8237

Ion Ratio Lower Upper

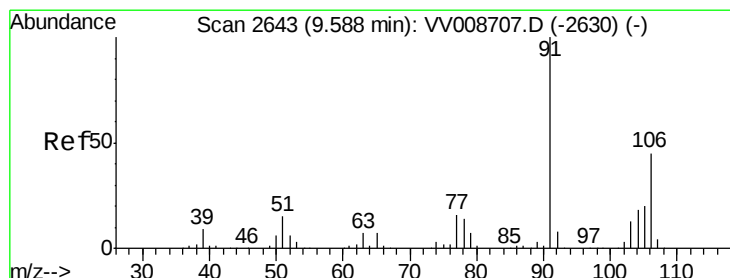
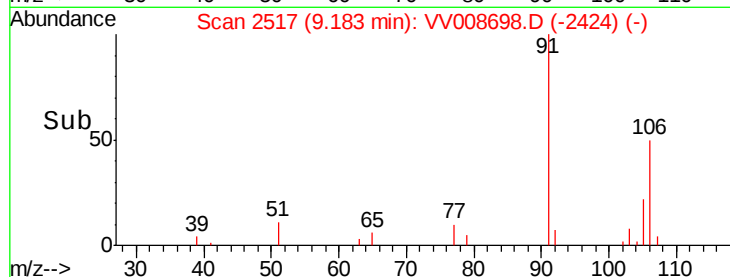
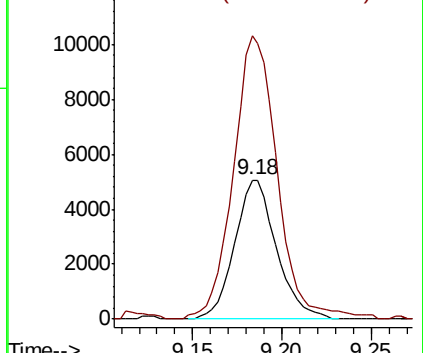
106 100

91 204.0 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.628 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV008698.D

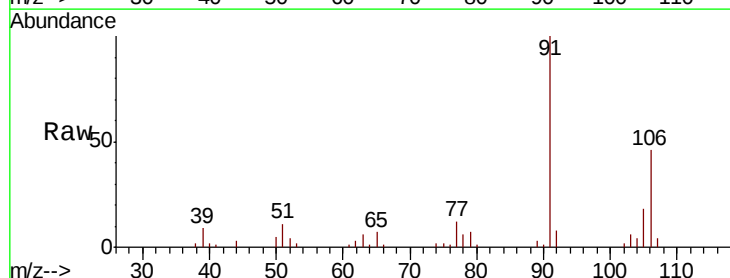
Acq: 21 Nov 2018 14:07

Tgt Ion:106 Resp: 13523

Ion Ratio Lower Upper

106 100

91 218.0 152.9 284.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

