

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007527.D
 Acq On : 13 Sep 2018 23:19
 Operator : SY/MD
 Sample : J4871-08DL 4X
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KL8DL

Quant Time: Sep 14 07:13:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	132266	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	118914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27375	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.59	69	25864	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.14	63	47007	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	73110	75.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	151.74%#
24) Chloroform-d	4.41	84	62028	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	32546	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.10	84	120644	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.12	67	36691	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	119574	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.67	79	14940	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.14	63	35896	60.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28515	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	49210	4.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.20%

Target Compounds

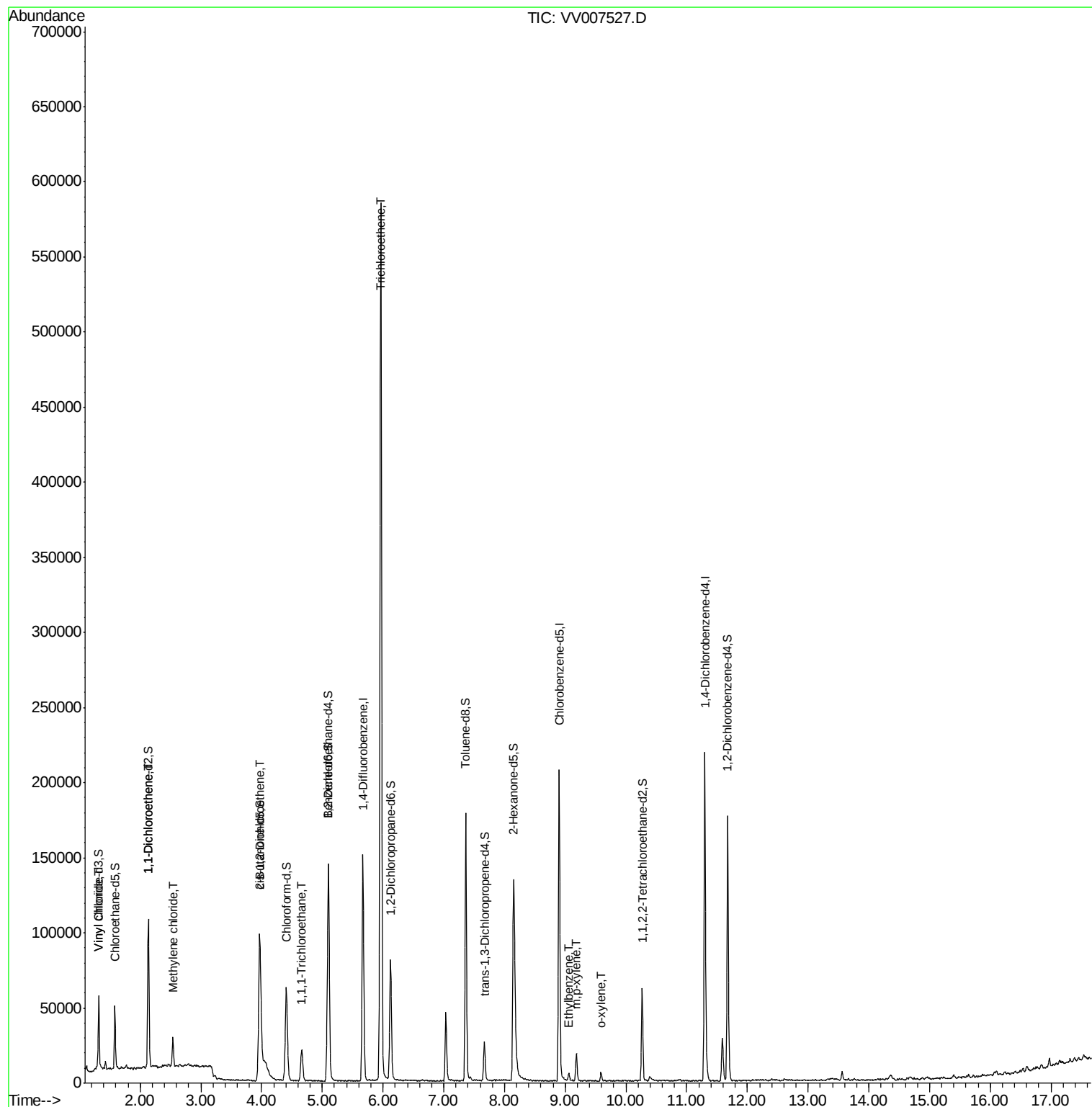
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	3352	0.482	ug/L #	79
12) 1,1-Dichloroethene	2.15	96	6668	0.993	ug/L #	1
16) Methylene chloride	2.54	84	8600	1.185	ug/L	95
22) cis-1,2-Dichloroethene	3.97	96	37971	5.275	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	16760	1.449	ug/L	98
34) Trichloroethene	5.96	95	189393	25.148	ug/L	98
52) Ethylbenzene	9.06	91	3988	0.125	ug/L	91
53) m,p-xylene	9.19	106	5249	0.424	ug/L	99
54) o-xylene	9.59	106	1638	0.135	ug/L	81

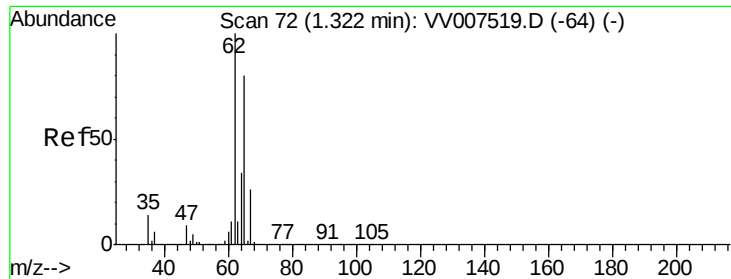
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.482 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV007527.D

Acq: 13 Sep 2018 23:19

Instrument :

MSVOA_V

ClientSampleId :

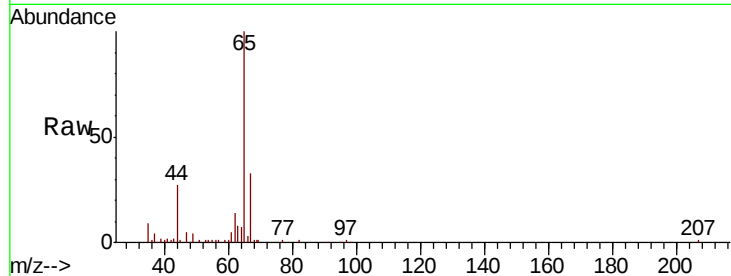
C0KL8DL

Tgt Ion: 62 Resp: 3352

Ion Ratio Lower Upper

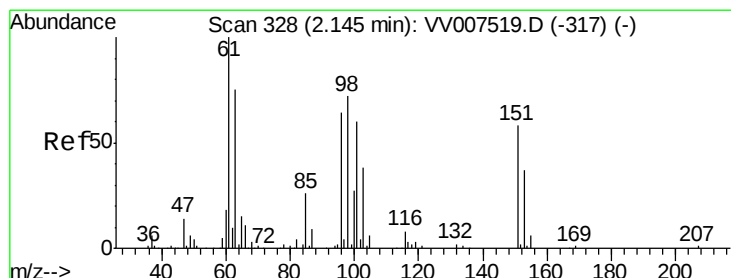
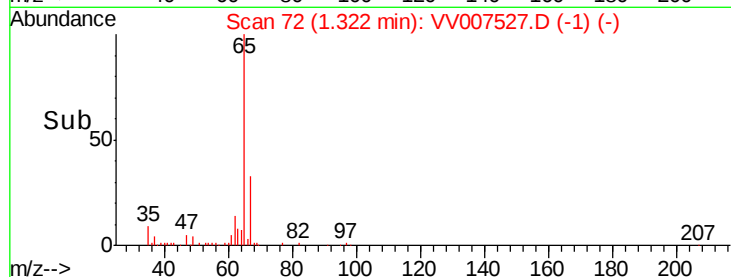
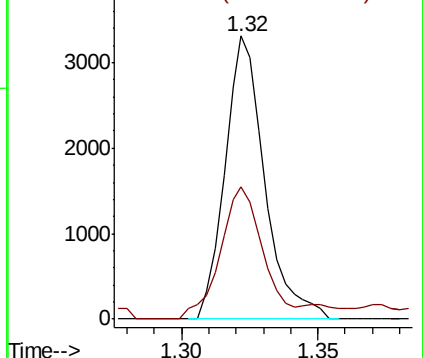
62 100

64 47.0 24.4 45.2#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 0.993 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007527.D

Acq: 13 Sep 2018 23:19

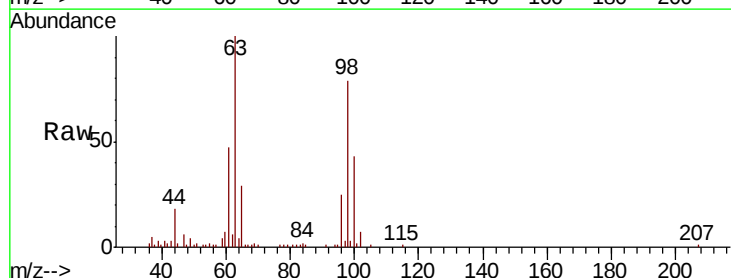
Tgt Ion: 96 Resp: 6668

Ion Ratio Lower Upper

96 100

61 189.0 114.8 213.2

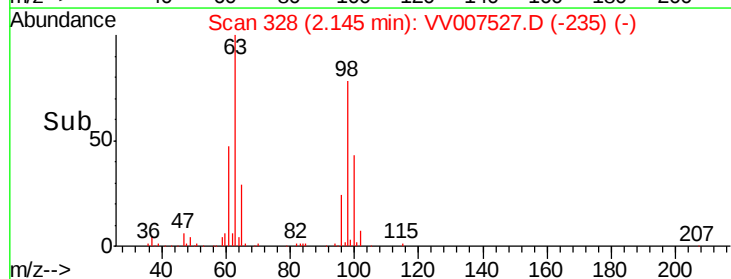
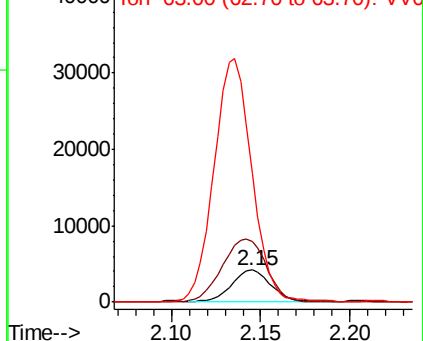
63 398.1 81.8 151.8#

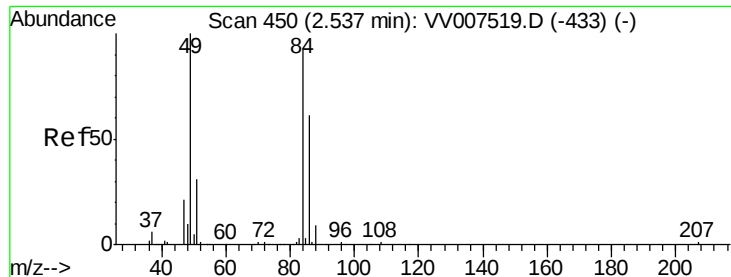


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

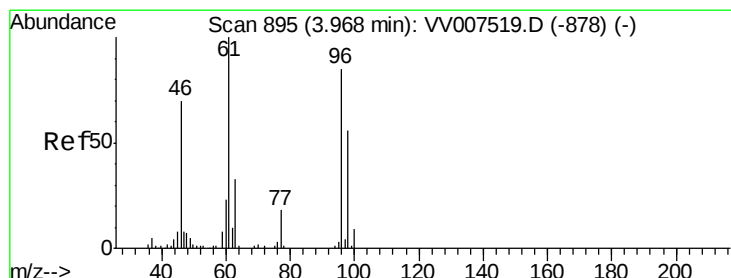
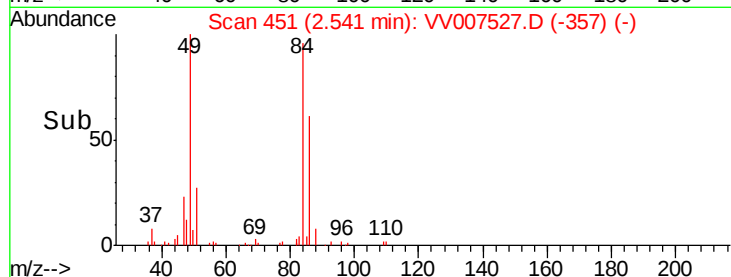
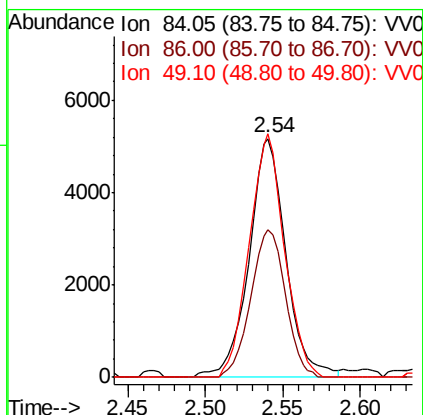
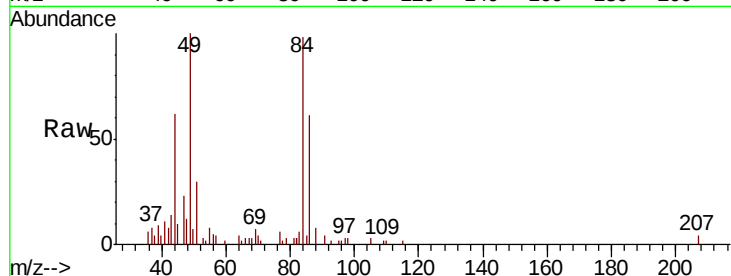




#16
Methylene chloride
Concen: 1.185 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007527.D
Acq: 13 Sep 2018 23:19

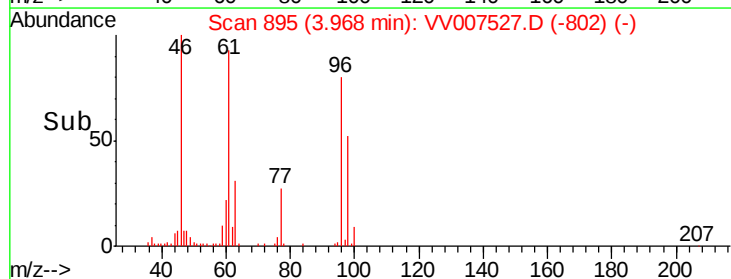
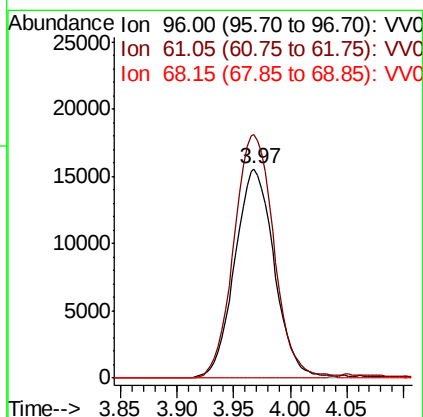
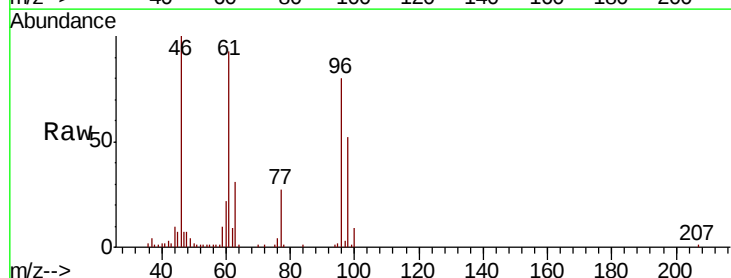
Instrument :
MSVOA_V
ClientSampled :
C0KL8DL

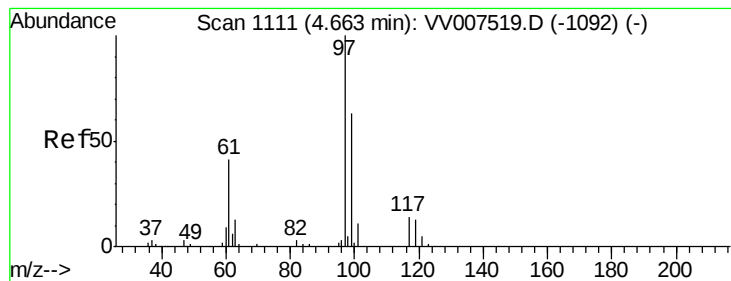
Tgt Ion: 84 Resp: 8600
Ion Ratio Lower Upper
84 100
86 61.9 43.7 81.1
49 101.9 76.8 142.6



#22
cis-1,2-Dichloroethene
Concen: 5.275 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV007527.D
Acq: 13 Sep 2018 23:19

Tgt Ion: 96 Resp: 37971
Ion Ratio Lower Upper
96 100
61 116.2 85.3 158.5
68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 1.449 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV007527.D

Acq: 13 Sep 2018 23:19

Instrument :

MSVOA_V

ClientSampleId :

C0KL8DL

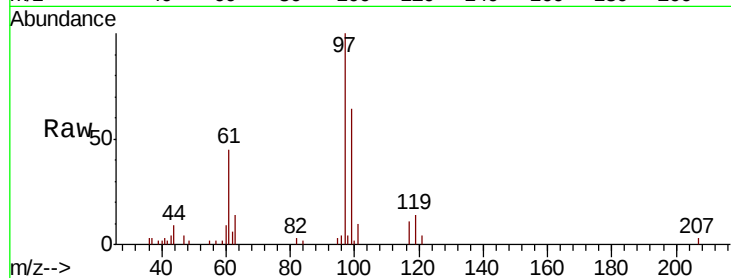
Tgt Ion: 97 Resp: 16760

Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

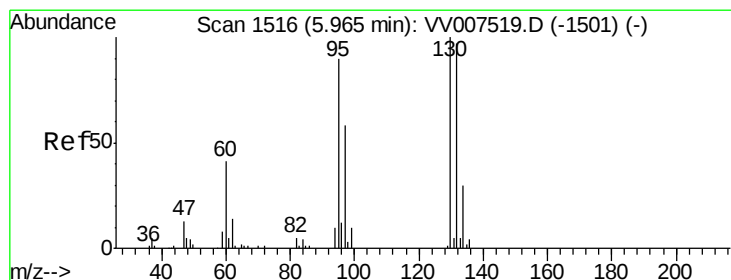
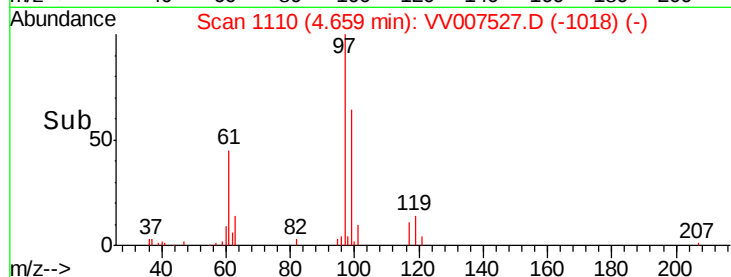
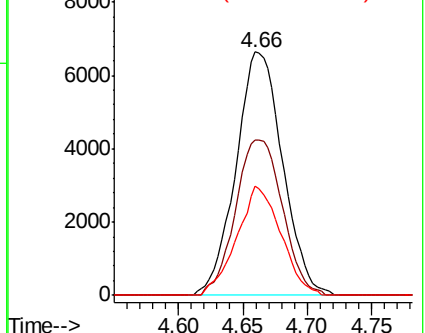
61 42.4 32.5 48.7



Abundance Ion 96.95 (96.65 to 97.65): VV007519.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV007519.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV007519.D (-1092) (-)



#34

Trichloroethene

Concen: 25.148 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007527.D

Acq: 13 Sep 2018 23:19

Tgt Ion: 95 Resp: 189393

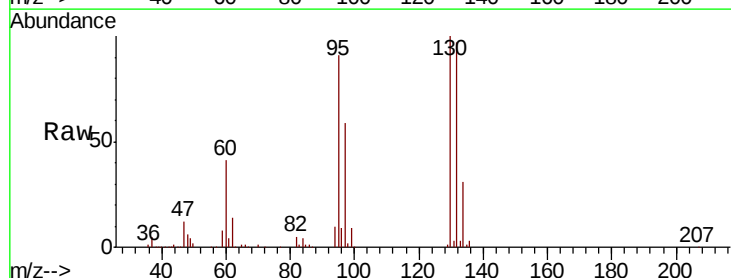
Ion Ratio Lower Upper

95 100

97 64.1 45.5 84.5

132 105.9 74.9 139.1

130 109.4 80.0 148.6

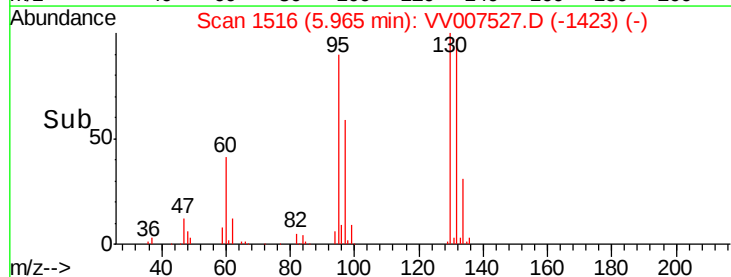
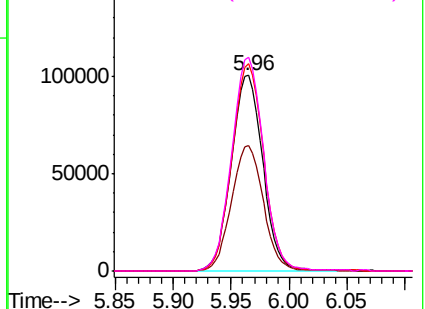


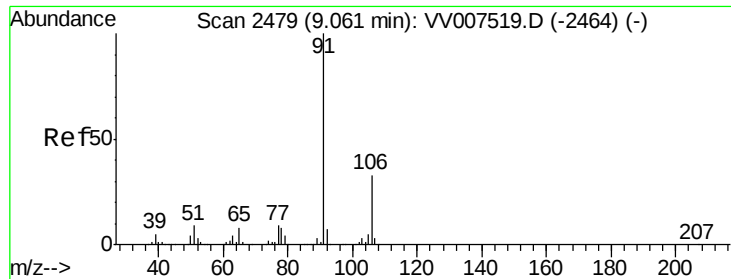
Abundance Ion 95.00 (94.70 to 95.70): VV007519.D (-1501) (-)

Ion 96.95 (96.65 to 97.65): VV007519.D (-1501) (-)

Ion 131.95 (131.65 to 132.65): VV007519.D (-1501) (-)

Ion 129.95 (129.65 to 130.65): VV007519.D (-1501) (-)





#52

Ethylbenzene

Concen: 0.125 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV007527.D

Acq: 13 Sep 2018 23:19

Instrument :

MSVOA_V

ClientSampleId :

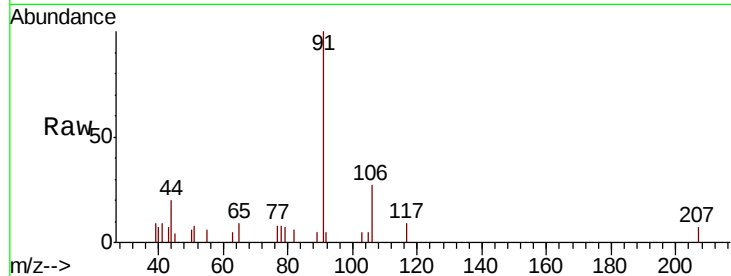
C0KL8DL

Tgt Ion: 91 Resp: 3988

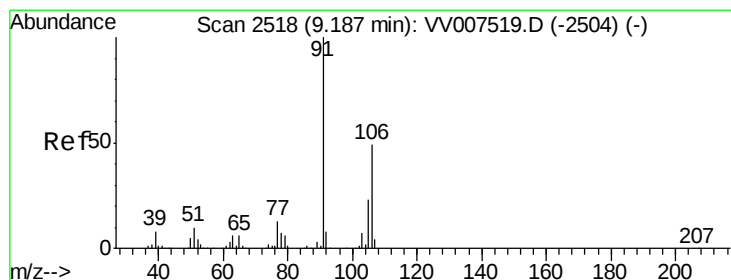
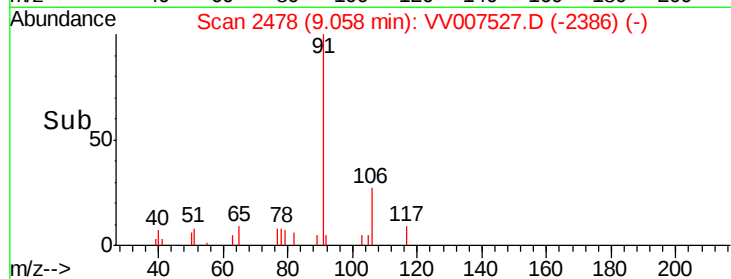
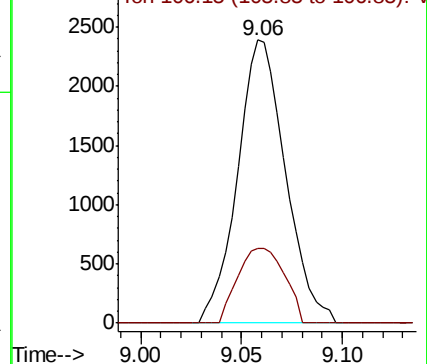
Ion Ratio Lower Upper

91 100

106 26.6 22.0 41.0



Abundance Ion 91.15 (90.85 to 91.85): VV007519.D (-2464) (-)



#53

m,p-xylene

Concen: 0.424 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007527.D

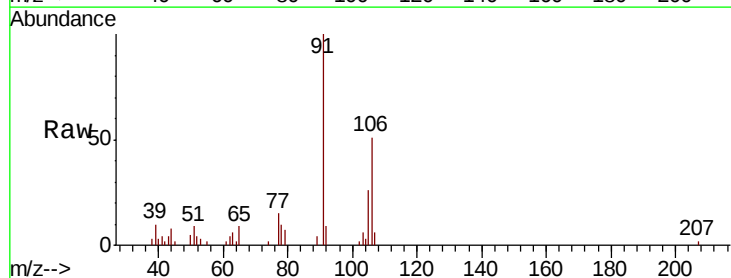
Acq: 13 Sep 2018 23:19

Tgt Ion: 106 Resp: 5249

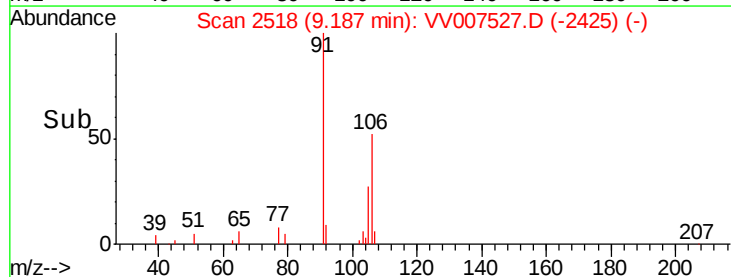
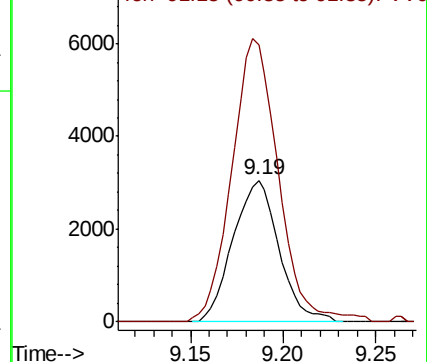
Ion Ratio Lower Upper

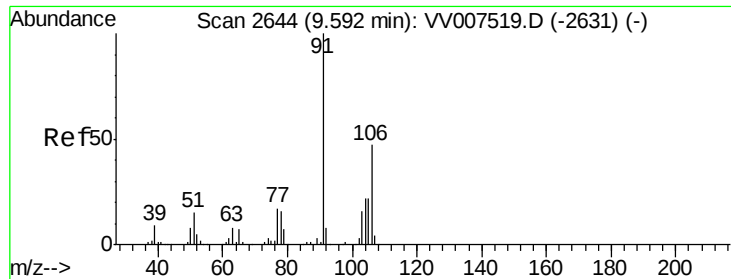
106 100

91 195.0 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): VV007519.D (-2504) (-)





#54
 o-xylene
 Concen: 0.135 ug/L
 RT: 9.59 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VV007527.D
 Acq: 13 Sep 2018 23:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0KL8DL

Tgt Ion:106 Resp: 1638
 Ion Ratio Lower Upper
 106 100
 91 180.4 147.6 274.0

