

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006286.D
 Acq On : 15 Jun 2018 17:26
 Operator : SY/MD
 Sample : J3397-06DL 8000X
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT5DL

Quant Time: Jun 15 23:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 23:47:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	314876	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	281680	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	127130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84471	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	69322	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	120412	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.97	46	190460	52.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.32%
24) Chloroform-d	4.41	84	150620	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.09	65	77698	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.11	84	324229	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	96484	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.37	98	307031	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.67	79	34798	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	157948	40.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63472	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	110385	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

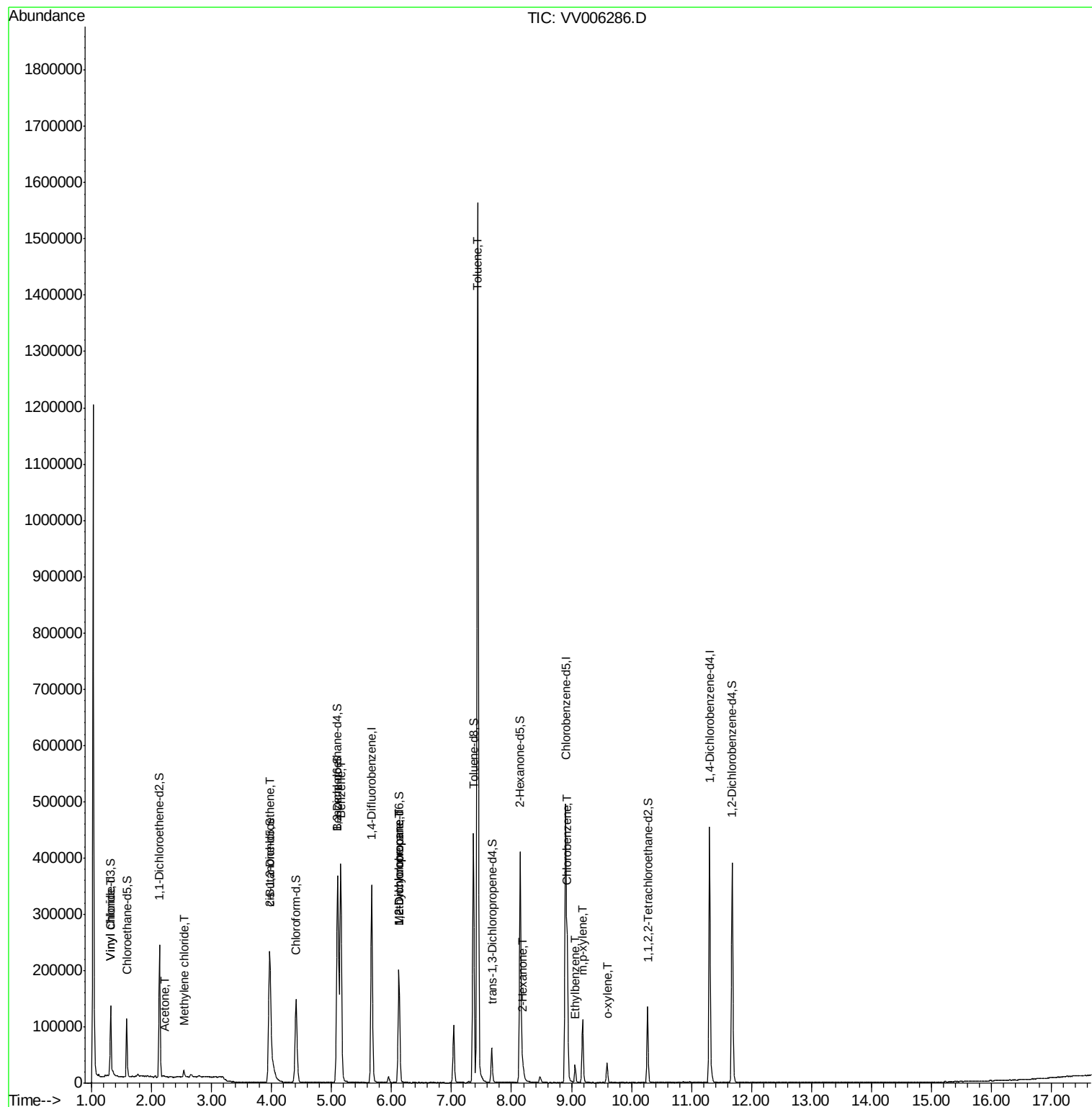
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	8186	0.337	ug/L #	81
13) Acetone	2.22	43	2266	1.145	ug/L	61
16) Methylene chloride	2.54	84	4698	0.235	ug/L	97
22) cis-1,2-Dichloroethene	3.97	96	91627	4.295	ug/L #	98
33) Benzene	5.15	78	396321	5.103	ug/L	100
35) Methylcyclohexane	6.12	83	24357	0.668	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10515	0.565	ug/L #	85
42) Toluene	7.44	91	1145594	13.364	ug/L	99
48) 2-Hexanone	8.19	43	14076	2.081	ug/L #	84
51) Chlorobenzene	8.93	112	137282	2.494	ug/L	100
52) Ethylbenzene	9.06	91	22802	0.239	ug/L	100
53) m,p-xylene	9.19	106	33577	0.901	ug/L	99
54) o-xylene	9.59	106	9968	0.274	ug/L	92

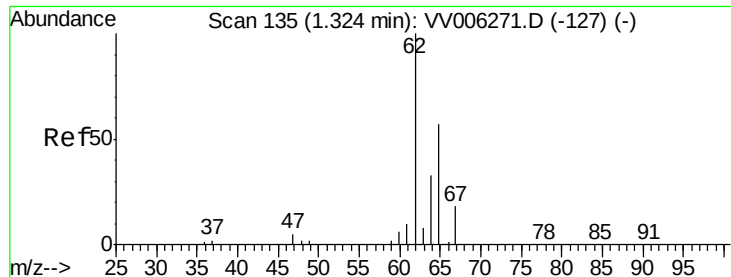
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.337 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :

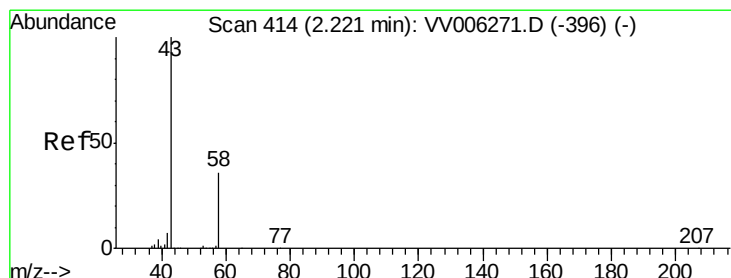
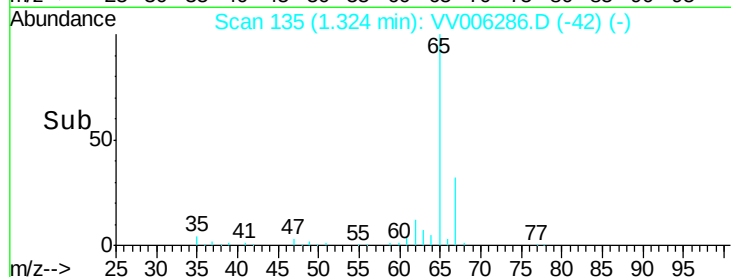
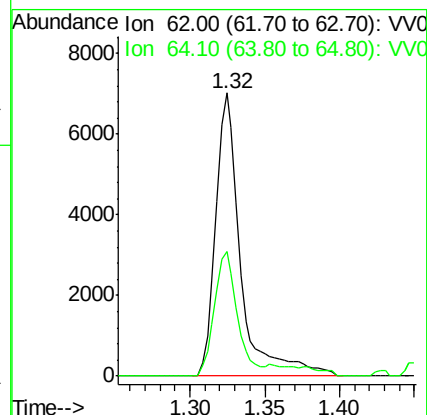
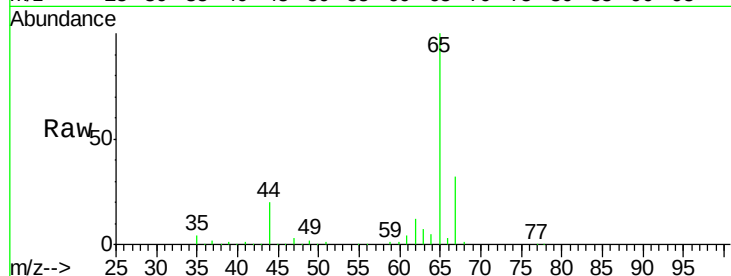
BEXT5DL

Tgt Ion: 62 Resp: 8186

Ion Ratio Lower Upper

62 100

64 43.8 23.1 42.9#



#13

Acetone

Concen: 1.145 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.00 min

Lab File: VV006286.D

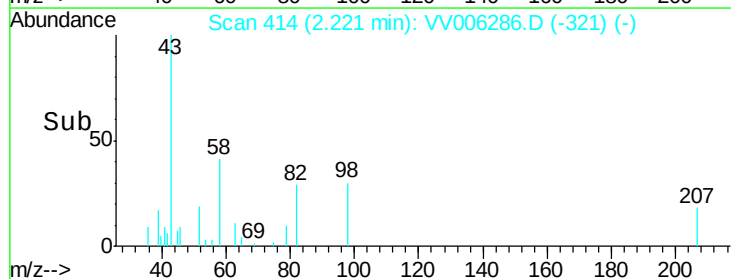
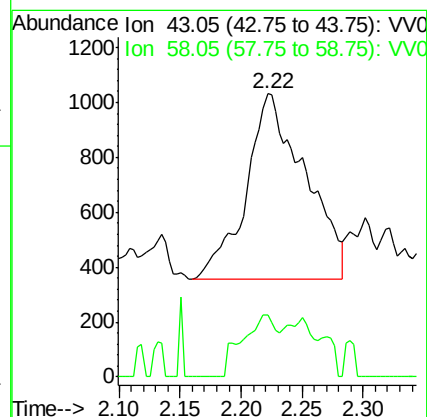
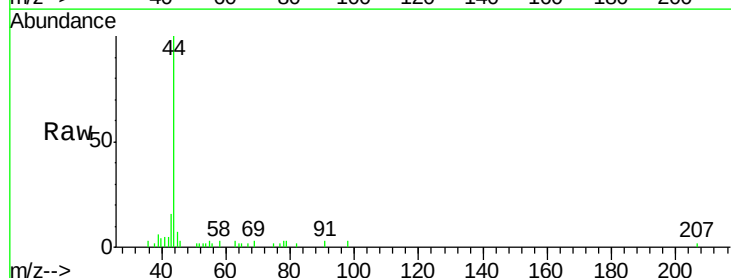
Acq: 15 Jun 2018 17:26

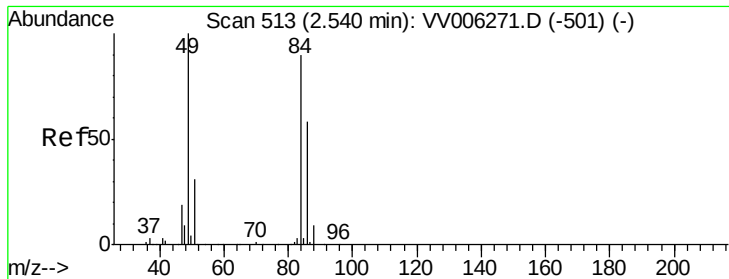
Tgt Ion: 43 Resp: 2266

Ion Ratio Lower Upper

43 100

58 11.6 0.0 67.4

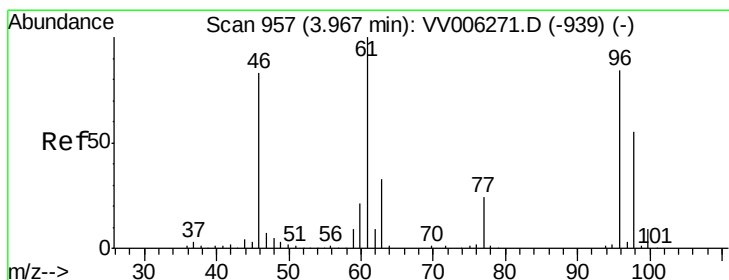
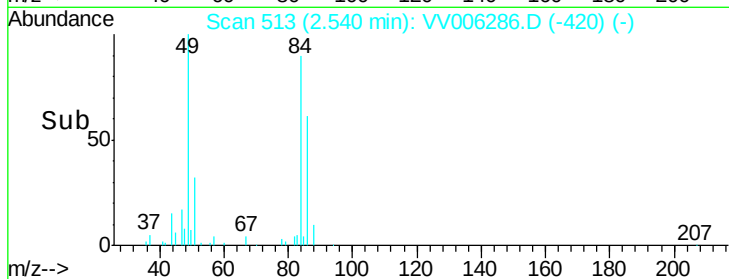
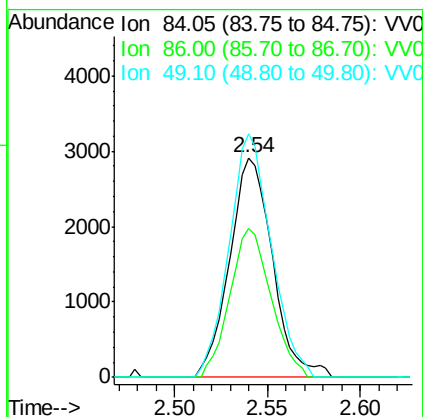
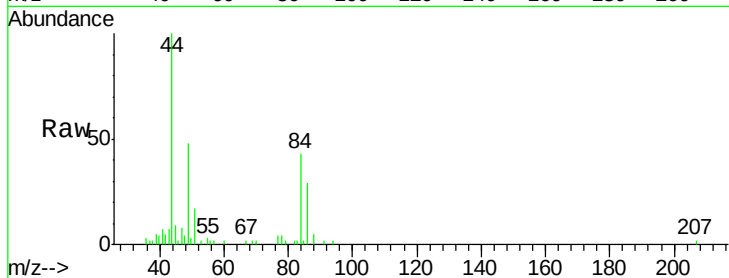




#16
Methylene chloride
Concen: 0.235 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006286.D
Acq: 15 Jun 2018 17:26

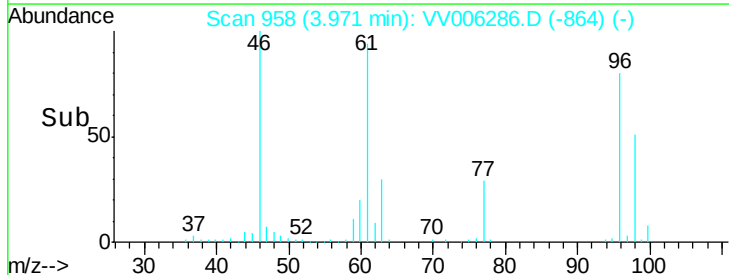
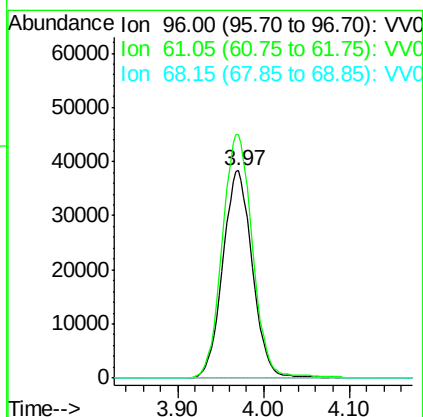
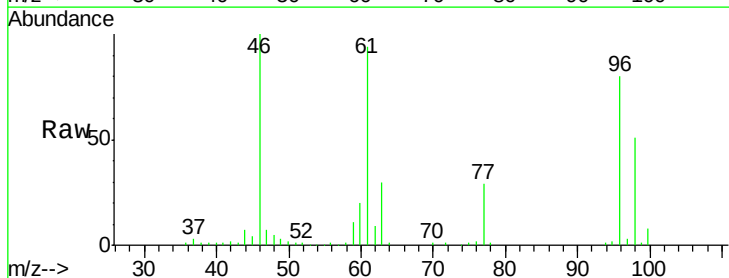
Instrument :
MSVOA_V
ClientSampled :
BEXT5DL

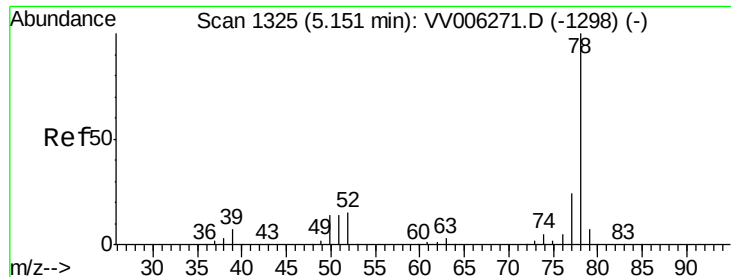
Tgt Ion: 84 Resp: 4698
Ion Ratio Lower Upper
84 100
86 67.5 44.2 82.0
49 110.8 78.8 146.4



#22
cis-1,2-Dichloroethene
Concen: 4.295 ug/L
RT: 3.97 min Scan# 958
Delta R.T. 0.00 min
Lab File: VV006286.D
Acq: 15 Jun 2018 17:26

Tgt Ion: 96 Resp: 91627
Ion Ratio Lower Upper
96 100
61 117.4 84.1 156.3
68 0.0 0.3 0.5#





#33

Benzene

Concen: 5.103 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

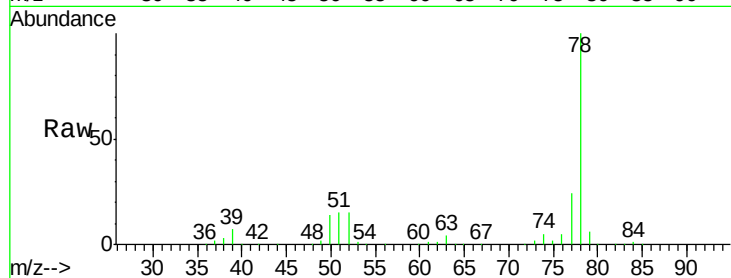
Instrument :

MSVOA_V

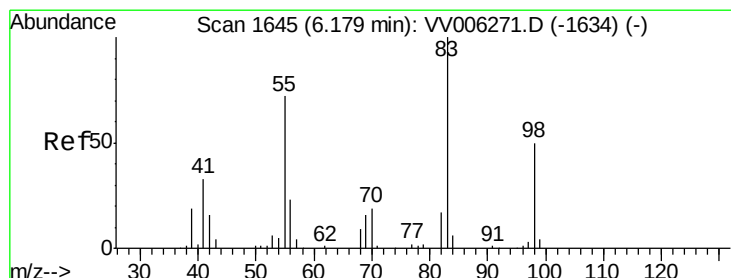
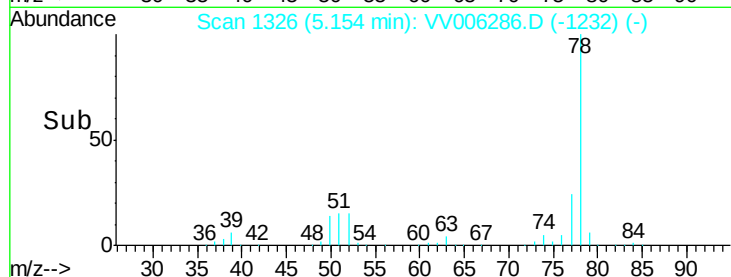
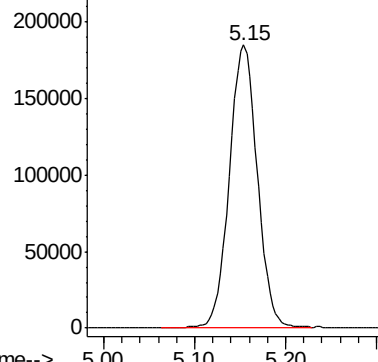
ClientSampleId :

BEXT5DL

Tgt Ion: 78 Resp: 396321



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

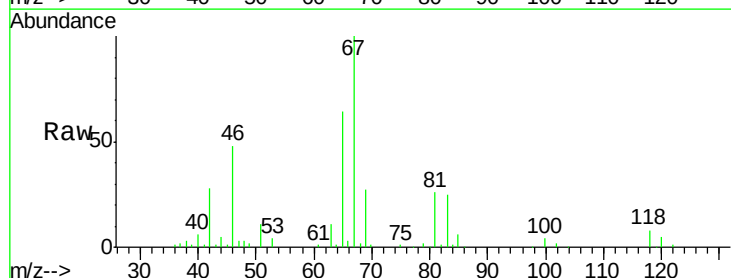
Tgt Ion: 83 Resp: 24357

Ion Ratio Lower Upper

83 100

55 0.3 57.5 86.3#

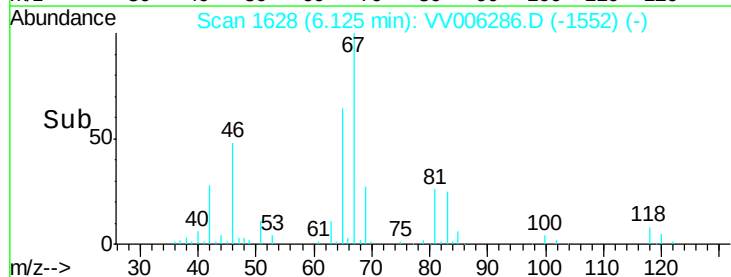
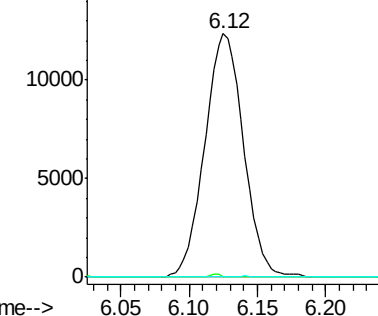
98 0.1 39.8 59.8#

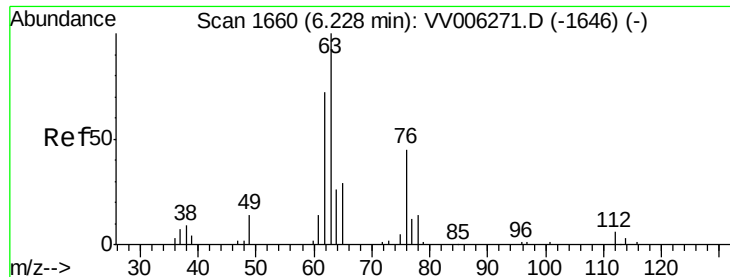


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

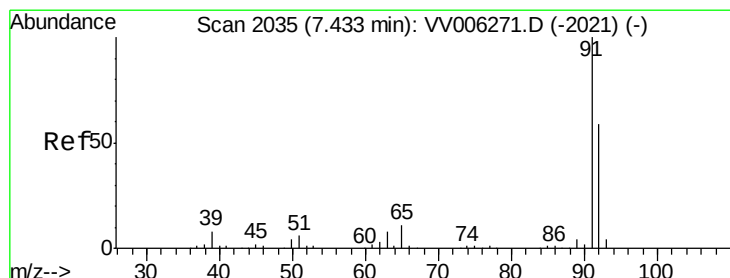
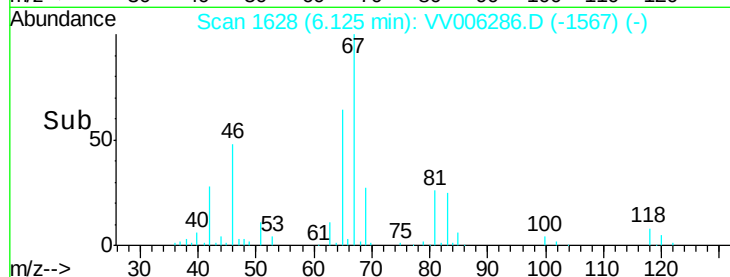
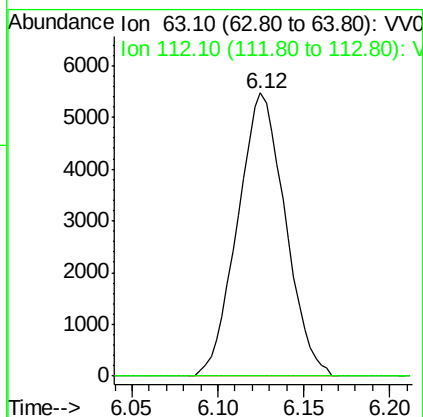
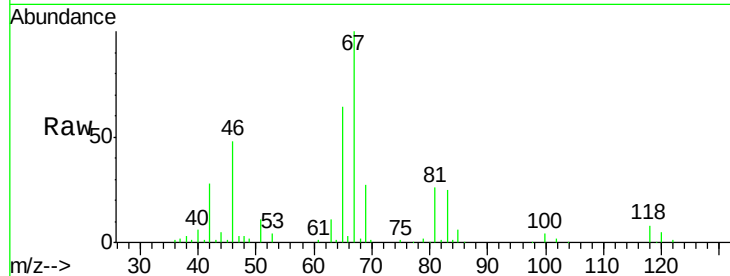




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006286.D
 Acq: 15 Jun 2018 17:26

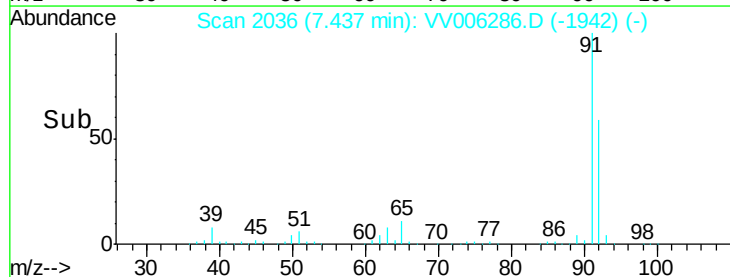
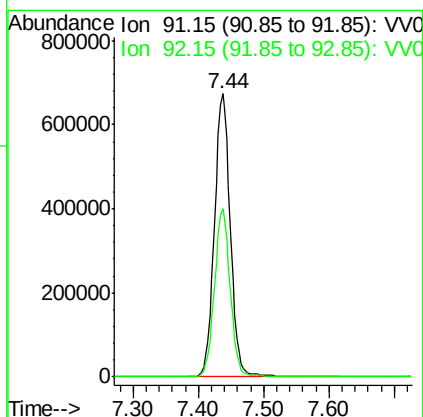
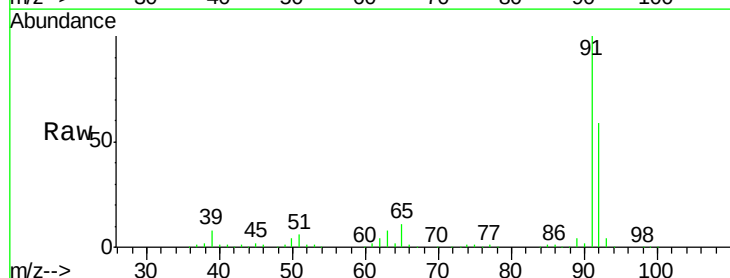
Instrument :
 MSVOA_V
 ClientSampled :
 BEXT5DL

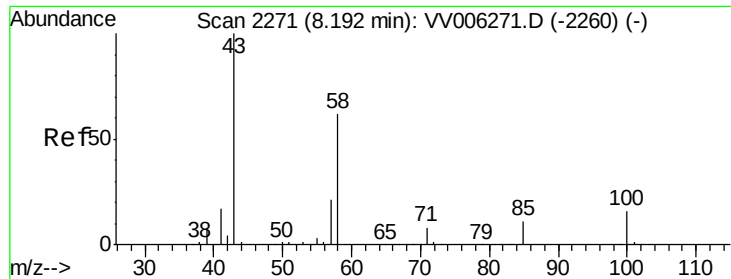
Tgt Ion: 63 Resp: 10515
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 Toluene
 Concen: 13.364 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006286.D
 Acq: 15 Jun 2018 17:26

Tgt Ion: 91 Resp: 1145594
 Ion Ratio Lower Upper
 91 100
 92 59.3 41.1 76.3

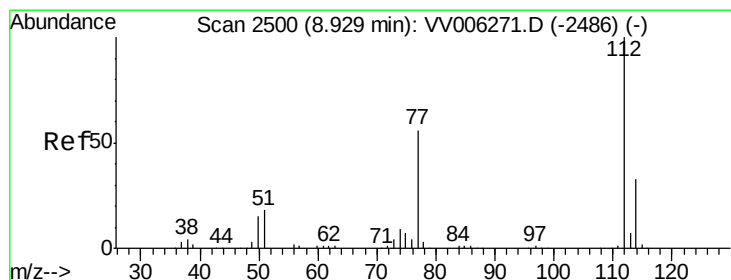
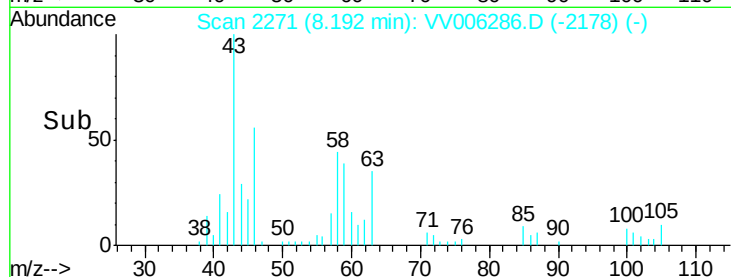
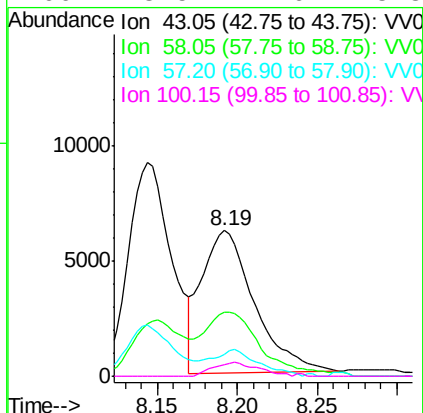
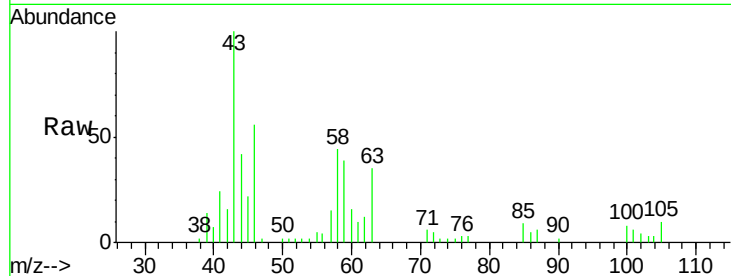




#48
2-Hexanone
Concen: 2.081 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006286.D
Acq: 15 Jun 2018 17:26

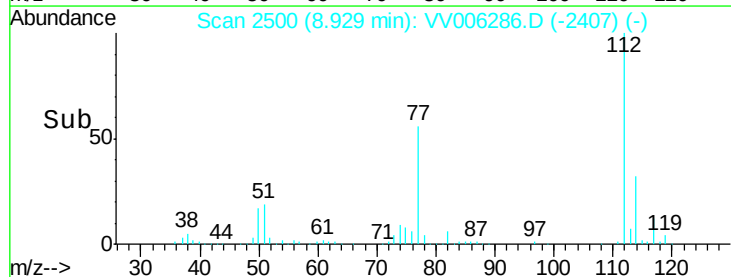
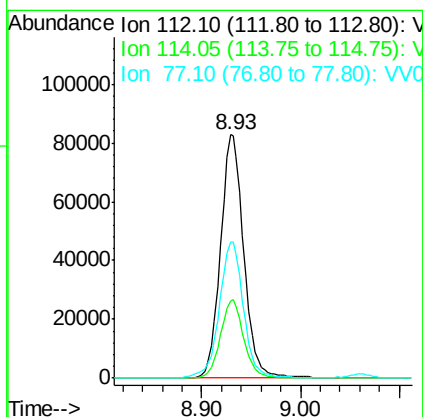
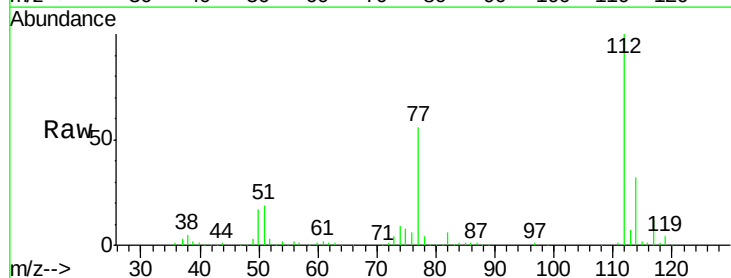
Instrument :
MSVOA_V
ClientSampleId :
BEXT5DL

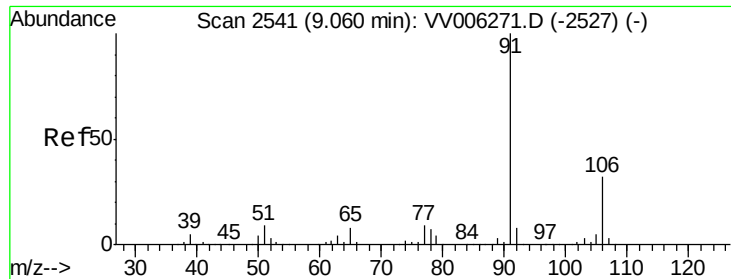
Tgt Ion: 43 Resp: 14076
Ion Ratio Lower Upper
43 100
58 48.3 48.6 72.8#
57 15.4 17.5 26.3#
100 8.5 12.6 18.8#



#51
Chlorobenzene
Concen: 2.494 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. 0.00 min
Lab File: VV006286.D
Acq: 15 Jun 2018 17:26

Tgt Ion: 112 Resp: 137282
Ion Ratio Lower Upper
112 100
114 31.8 22.2 41.2
77 56.1 45.2 67.8





#52

Ethylbenzene

Concen: 0.239 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006286.D

Acq: 15 Jun 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :

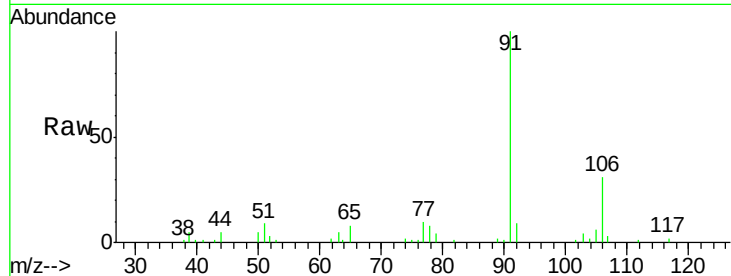
BEXT5DL

Tgt Ion: 91 Resp: 22802

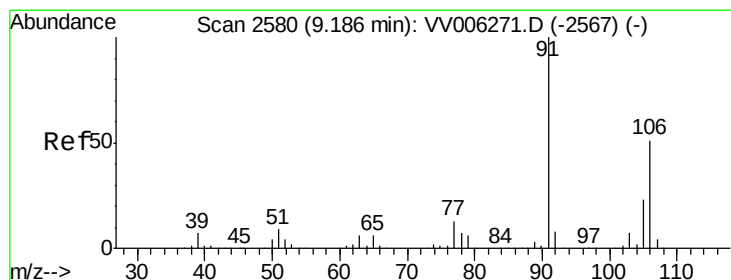
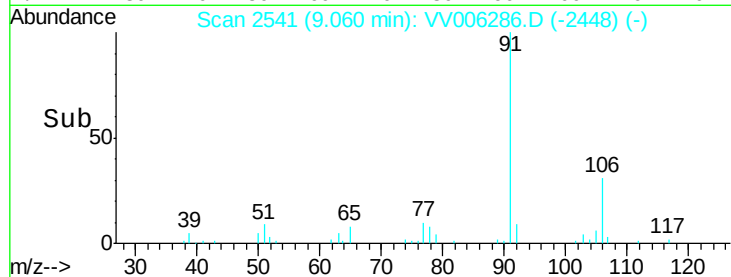
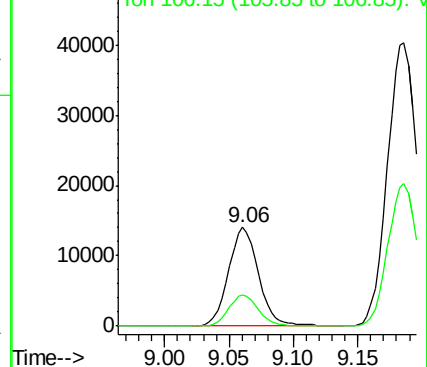
Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



Abundance Ion 91.15 (90.85 to 91.85): VV006286.D (-2448) (-)



#53

m,p-xylene

Concen: 0.901 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV006286.D

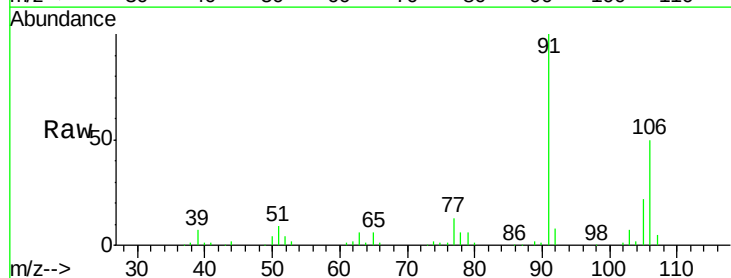
Acq: 15 Jun 2018 17:26

Tgt Ion: 106 Resp: 33577

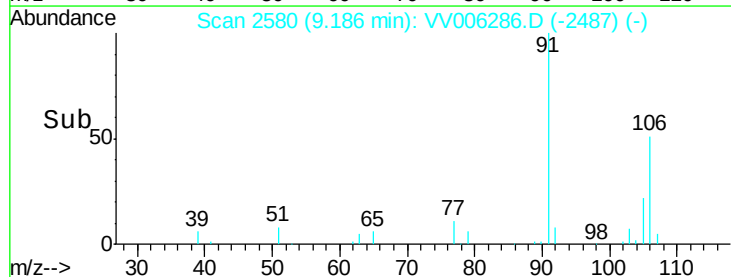
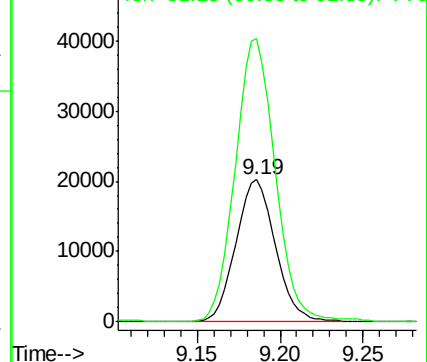
Ion Ratio Lower Upper

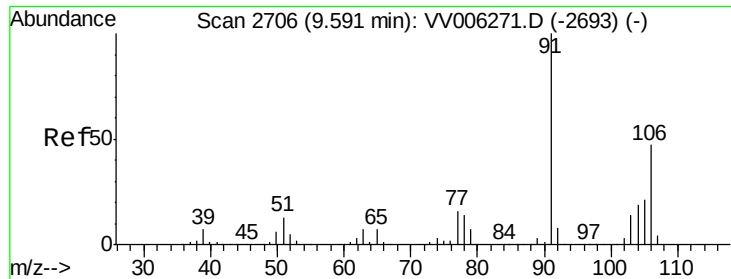
106 100

91 198.6 139.7 259.4



Abundance Ion 106.15 (105.85 to 106.85): VV006286.D (-2487) (-)





#54
 o-xylene
 Concen: 0.274 ug/L
 RT: 9.59 min Scan# 2707
 Delta R.T. 0.00 min
 Lab File: VV006286.D
 Acq: 15 Jun 2018 17:26

Instrument :
 MSVOA_V
 ClientSampleId :
 BEXT5DL

Tgt Ion:106 Resp: 9968
 Ion Ratio Lower Upper
 106 100
 91 199.3 147.9 274.7

