

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091318\
 Data File : VV007526.D
 Acq On : 13 Sep 2018 22:52
 Operator : SY/MD
 Sample : J4864-05
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0D11

Quant Time: Sep 14 07:00:29 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	138701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	124253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68408	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30219	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	26759	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	54672	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	4.02	46	66668	65.97	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.94%#
24) Chloroform-d	4.40	84	62138	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.09	65	32165	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.10	84	125055	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.14	67	37494	4.46	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.20%
41) Toluene-d8	7.37	98	125386	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.68	79	15230	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.15	63	65440	105.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	210.86%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	28646	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	52142	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

Target Compounds

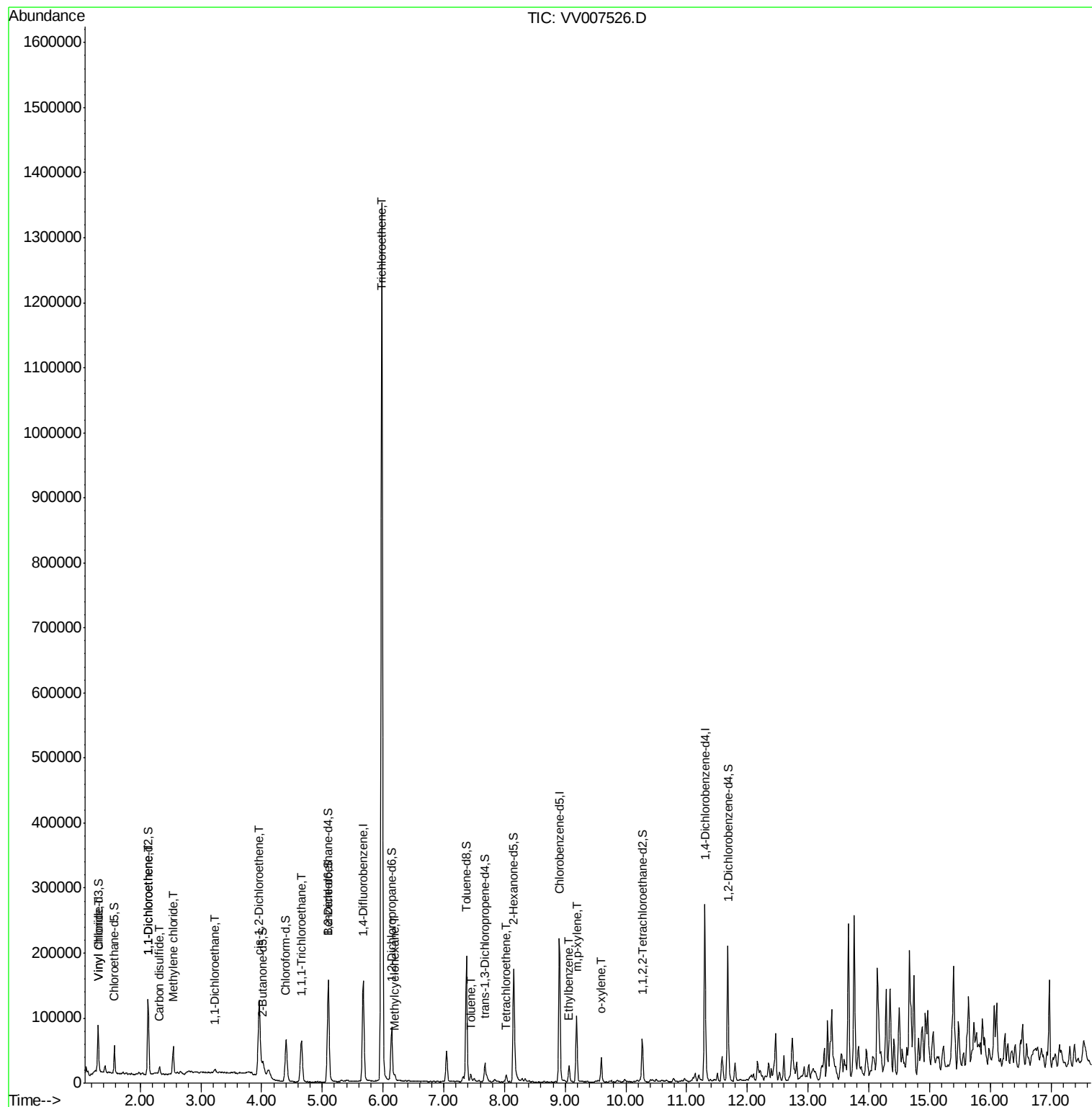
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	10219	1.403	ug/L #	80
12) 1,1-Dichloroethene	2.14	96	8082	1.148	ug/L #	1
14) Carbon disulfide	2.32	76	12940	0.628	ug/L #	95
16) Methylene chloride	2.54	84	17871	2.349	ug/L	97
19) 1,1-Dichloroethane	3.23	63	5432	0.486	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	71935	9.529	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	50015	4.139	ug/L	100
34) Trichloroethene	5.98	95	437619	55.611	ug/L	97
35) Methylcyclohexane	6.19	83	3719	0.306	ug/L	94
42) Toluene	7.44	91	8497	0.287	ug/L	96
47) Tetrachloroethene	8.03	164	2483	0.351	ug/L	90
52) Ethylbenzene	9.06	91	17939	0.537	ug/L	97
53) m,p-xylene	9.19	106	28015	2.166	ug/L	99
54) o-xylene	9.59	106	9761	0.771	ug/L	98

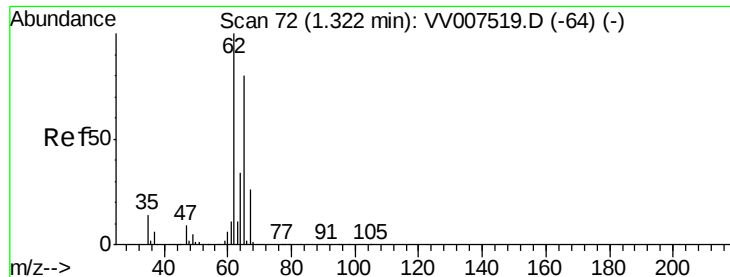
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 05:10:24 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.403 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.01 min

Lab File: VV007526.D

Acq: 13 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampled :

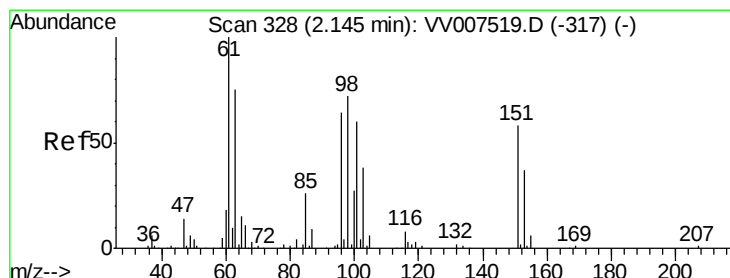
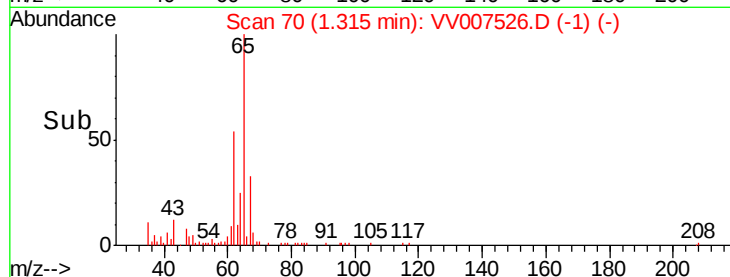
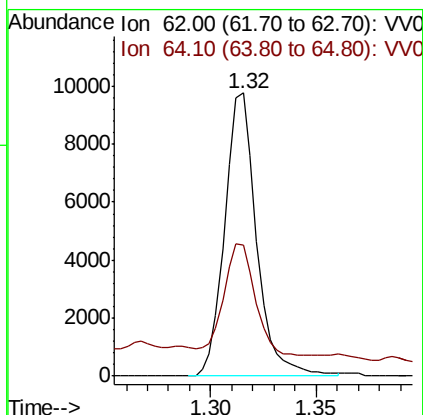
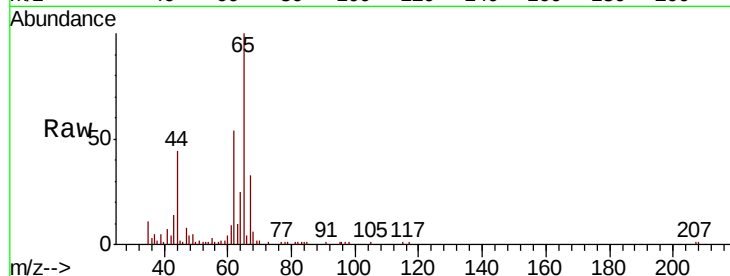
C0D11

Tgt Ion: 62 Resp: 10219

Ion Ratio Lower Upper

62 100

64 46.3 24.4 45.2#



#12

1,1-Dichloroethene

Concen: 1.148 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VV007526.D

Acq: 13 Sep 2018 22:52

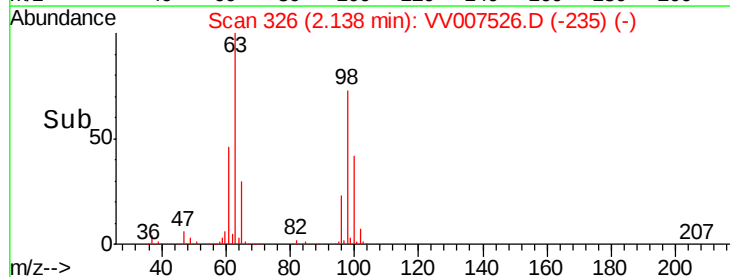
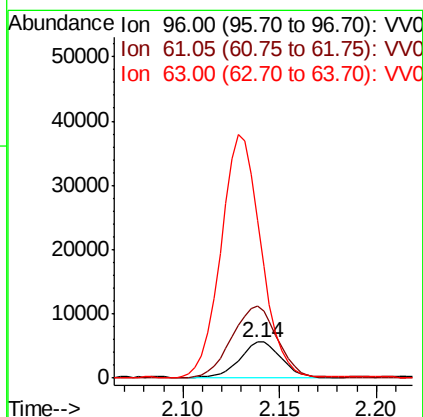
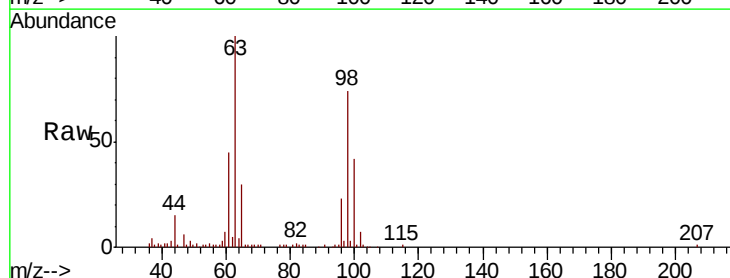
Tgt Ion: 96 Resp: 8082

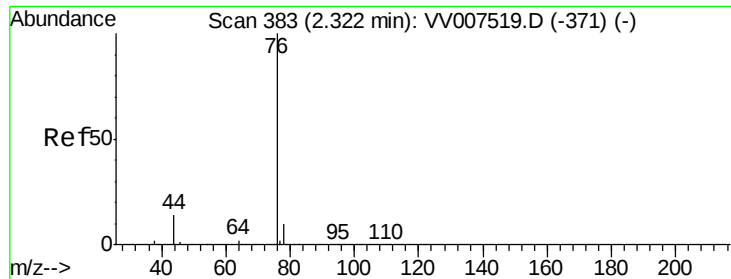
Ion Ratio Lower Upper

96 100

61 198.4 114.8 213.2

63 437.3 81.8 151.8#





#14

Carbon disulfide

Concen: 0.628 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VV007526.D

Acq: 13 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampleId :

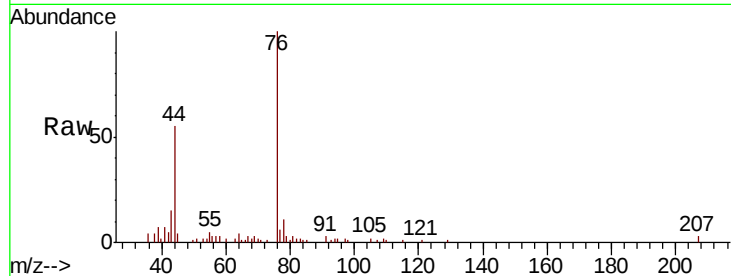
C0D11

Tgt Ion: 76 Resp: 12940

Ion Ratio Lower Upper

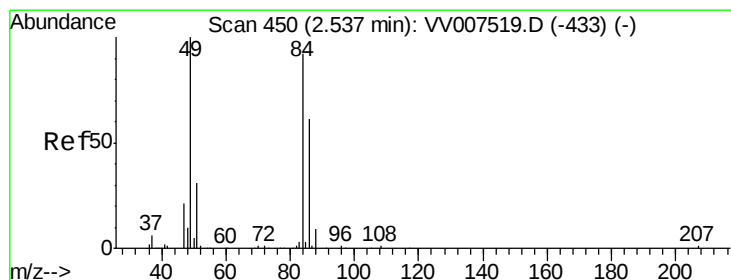
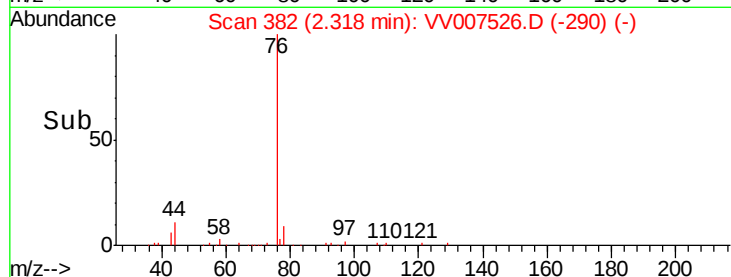
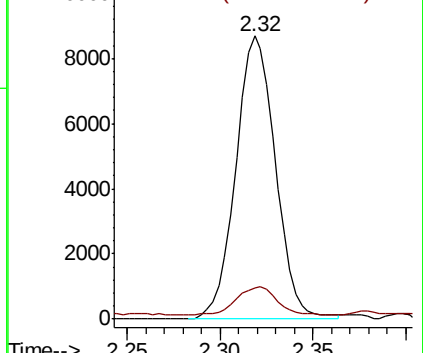
76 100

78 11.0 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV007519.D (-371) (-)

Ion 78.00 (77.70 to 78.70): VV007519.D (-371) (-)



#16

Methylene chloride

Concen: 2.349 ug/L

RT: 2.54 min Scan# 452

Delta R.T. 0.01 min

Lab File: VV007526.D

Acq: 13 Sep 2018 22:52

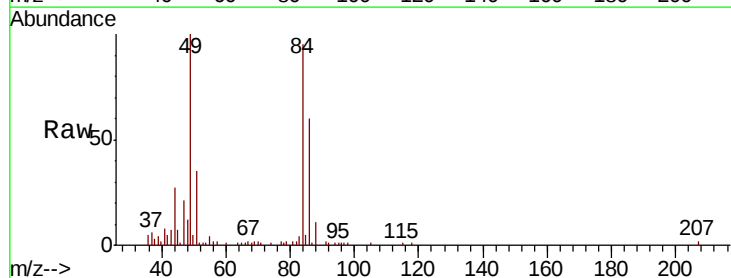
Tgt Ion: 84 Resp: 17871

Ion Ratio Lower Upper

84 100

86 63.1 43.7 81.1

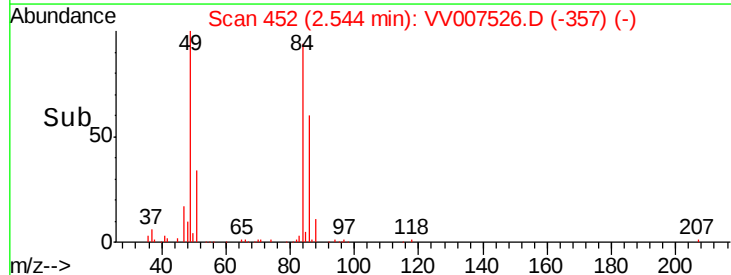
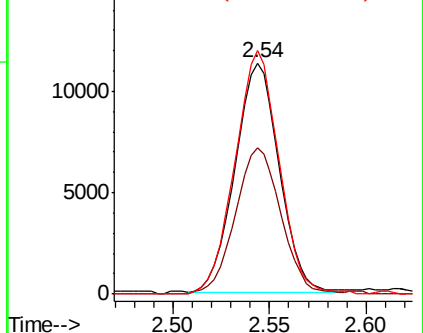
49 105.3 76.8 142.6

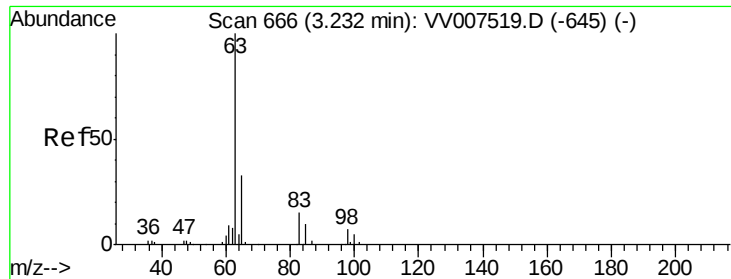


Abundance Ion 84.05 (83.75 to 84.75): VV007519.D (-433) (-)

Ion 86.00 (85.70 to 86.70): VV007519.D (-433) (-)

Ion 49.10 (48.80 to 49.80): VV007519.D (-433) (-)

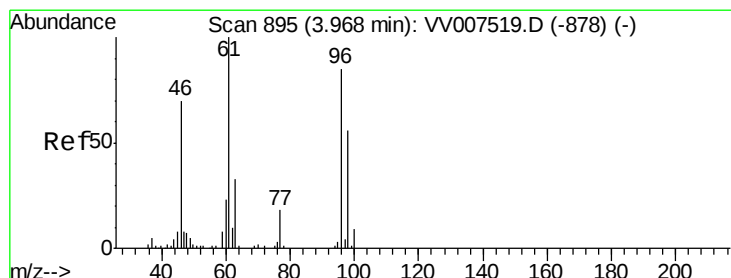
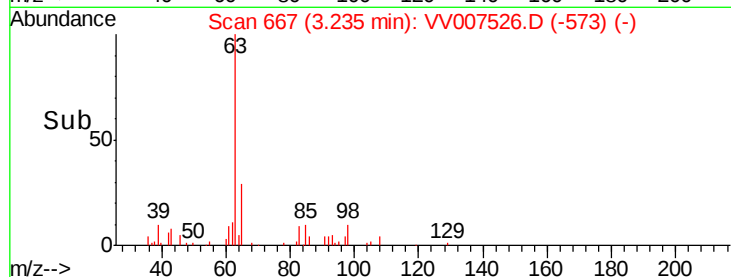
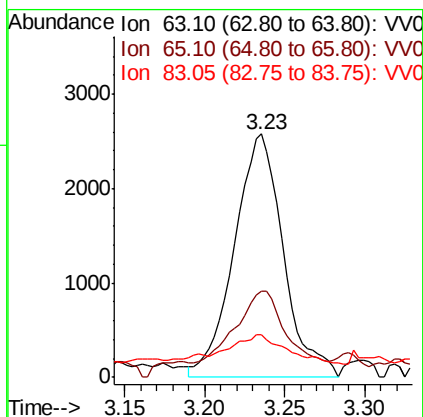
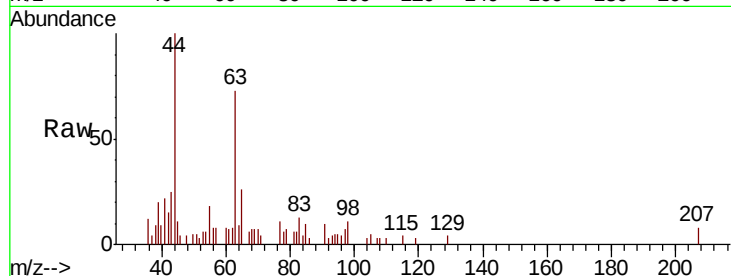




#19
 1,1-Dichloroethane
 Concen: 0.486 ug/L
 RT: 3.23 min Scan# 667
 Delta R.T. 0.00 min
 Lab File: VV007526.D
 Acq: 13 Sep 2018 22:52

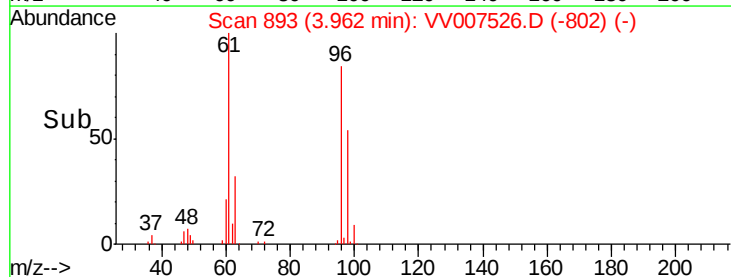
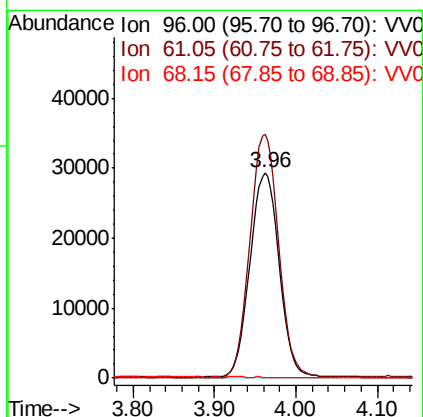
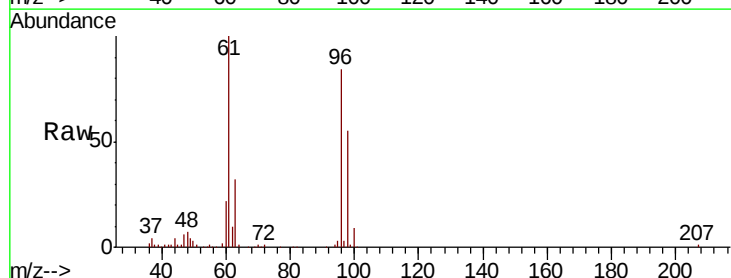
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D11

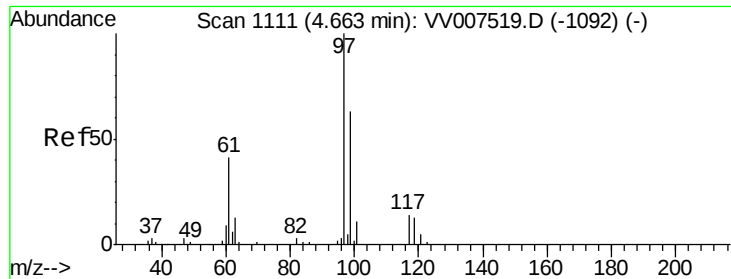
Tgt Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.5	41.9
83	17.6	10.4	19.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.529 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: VV007526.D
 Acq: 13 Sep 2018 22:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	118.4	85.3	158.5
68	0.0	0.0	0.0

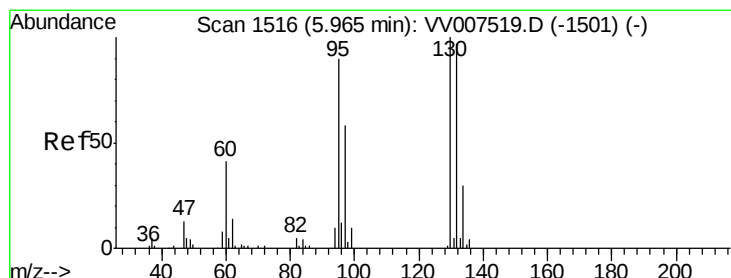
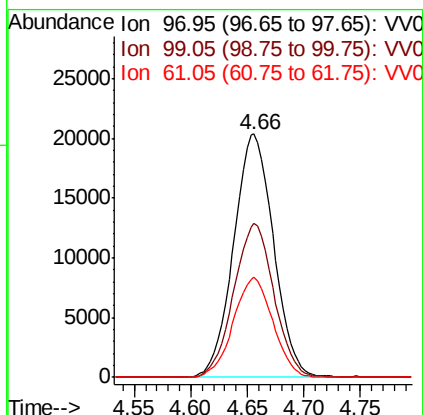
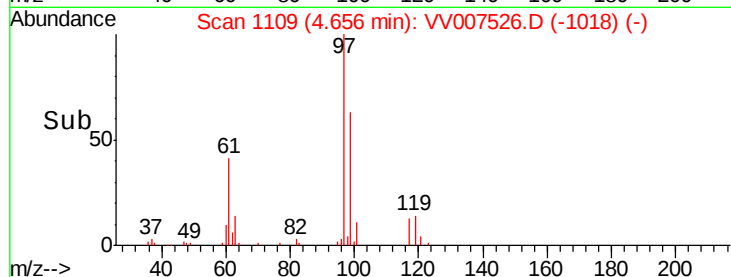
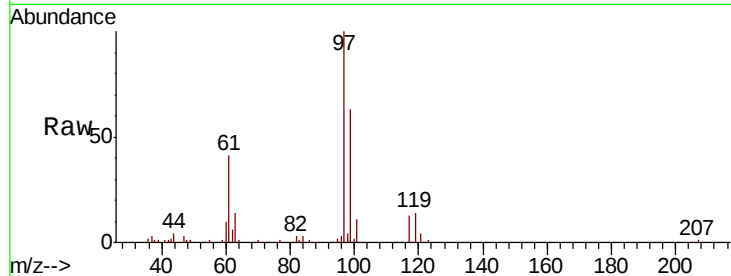




#29
 1,1,1-Trichloroethane
 Concen: 4.139 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VV007526.D
 Acq: 13 Sep 2018 22:52

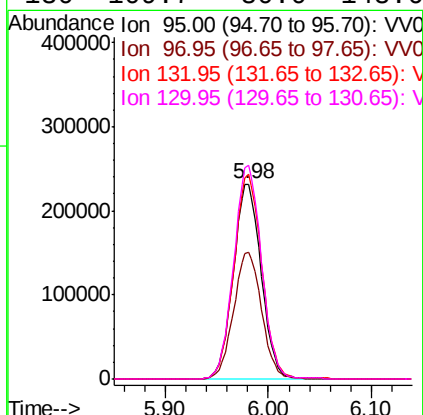
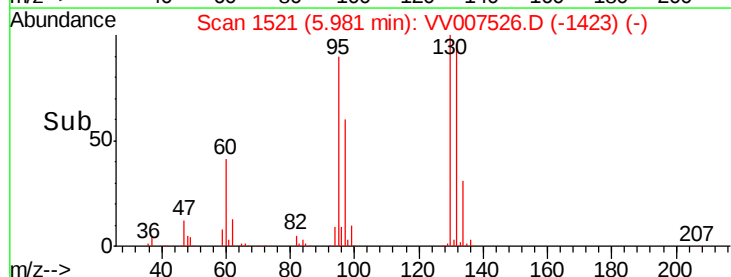
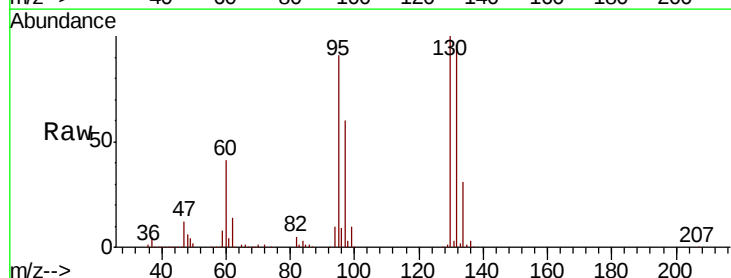
Instrument :
 MSVOA_V
 ClientSampled :
 C0D11

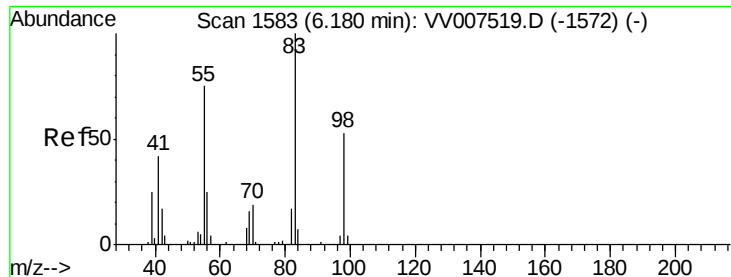
Tgt Ion: 97 Resp: 50015
 Ion Ratio Lower Upper
 97 100
 99 63.7 50.7 76.1
 61 40.6 32.5 48.7



#34
 Trichloroethene
 Concen: 55.611 ug/L
 RT: 5.98 min Scan# 1521
 Delta R.T. 0.02 min
 Lab File: VV007526.D
 Acq: 13 Sep 2018 22:52

Tgt Ion: 95 Resp: 437619
 Ion Ratio Lower Upper
 95 100
 97 65.4 45.5 84.5
 132 104.9 74.9 139.1
 130 109.7 80.0 148.6

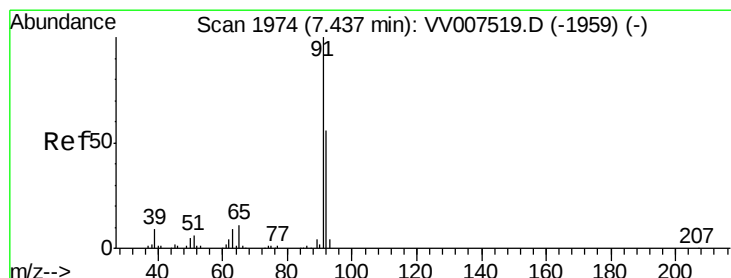
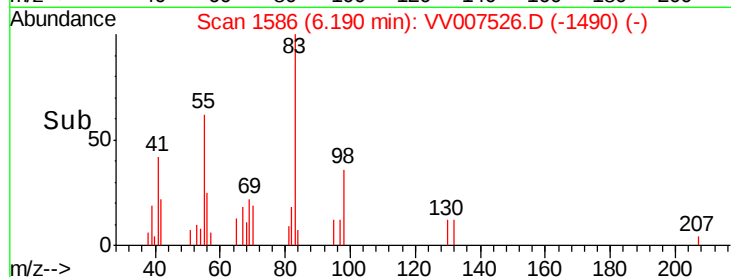
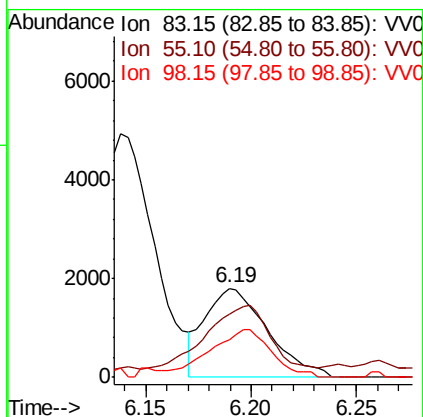
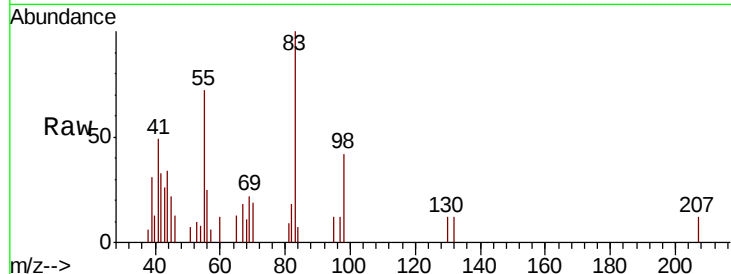




#35
Methylcyclohexane
Concen: 0.306 ug/L
RT: 6.19 min Scan# 1586
Delta R.T. 0.01 min
Lab File: VV007526.D
Acq: 13 Sep 2018 22:52

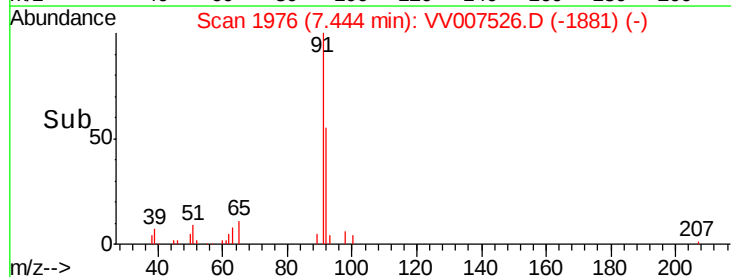
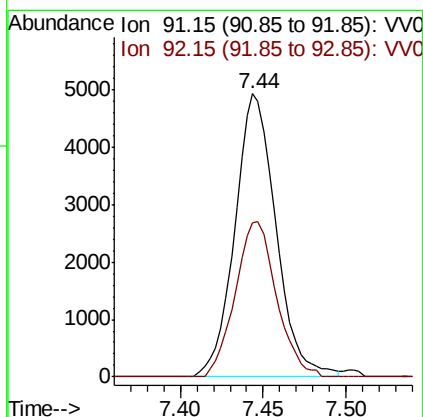
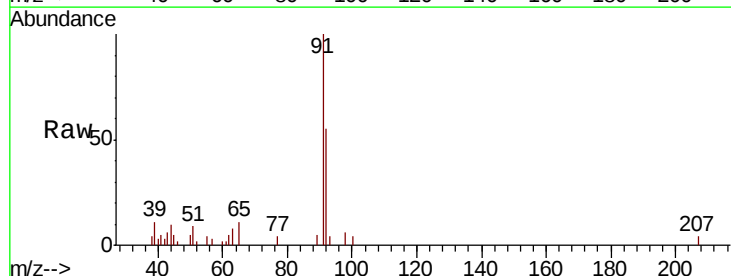
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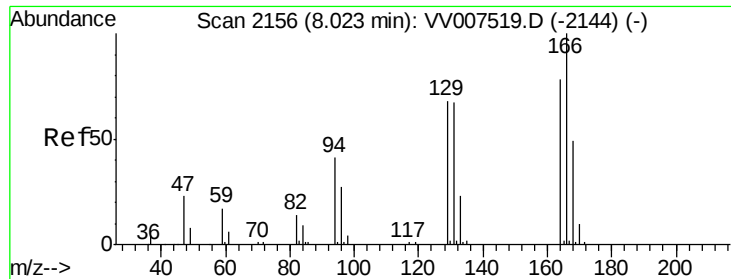
Tgt Ion: 83 Resp: 3719
Ion Ratio Lower Upper
83 100
55 71.8 55.0 82.4
98 53.3 37.6 56.4



#42
Toluene
Concen: 0.287 ug/L
RT: 7.44 min Scan# 1976
Delta R.T. 0.01 min
Lab File: VV007526.D
Acq: 13 Sep 2018 22:52

Tgt Ion: 91 Resp: 8497
Ion Ratio Lower Upper
91 100
92 54.6 40.3 74.8

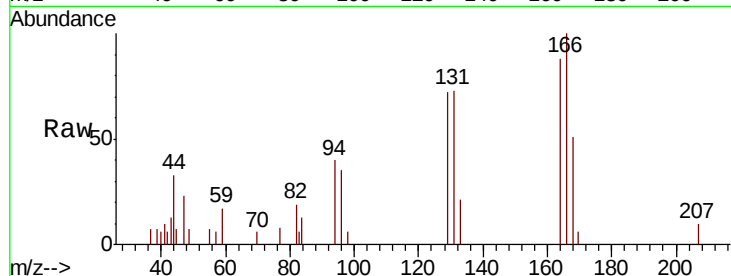




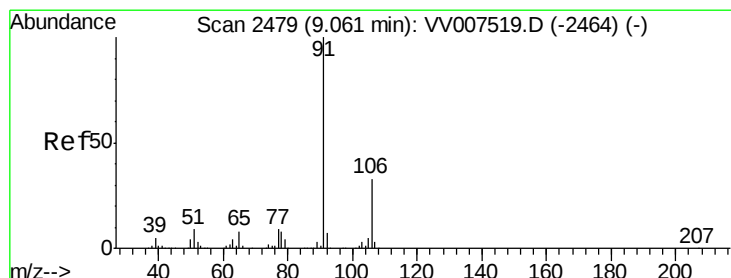
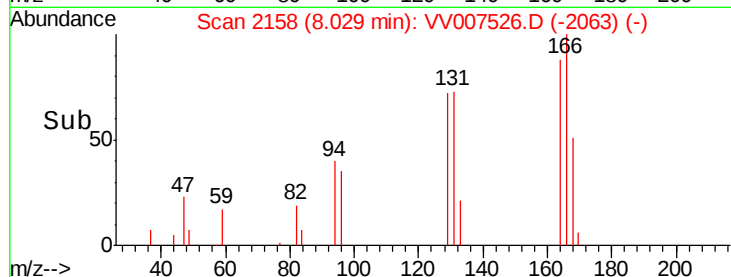
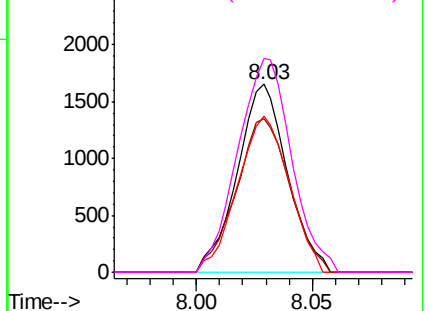
#47
Tetrachloroethene
Concen: 0.351 ug/L
RT: 8.03 min Scan# 2158
Delta R.T. 0.01 min
Lab File: VV007526.D
Acq: 13 Sep 2018 22:52

Instrument :
MSVOA_V
ClientSampleId :
C0D11

Tgt Ion:164 Resp: 2483
Ion Ratio Lower Upper
164 100
129 81.6 61.9 115.1
131 82.9 62.1 115.3
166 113.6 90.4 167.8

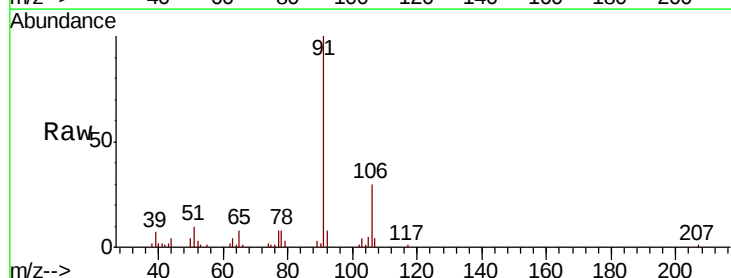


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

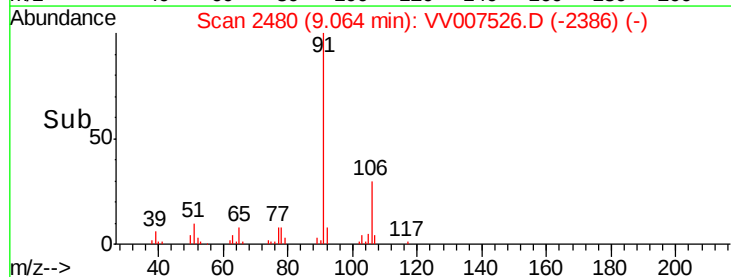
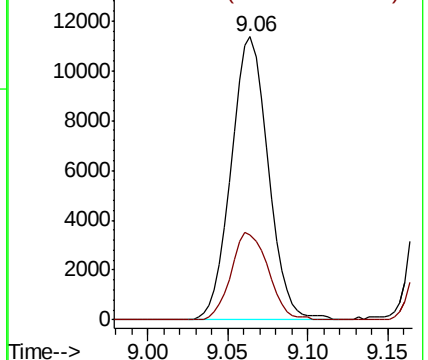


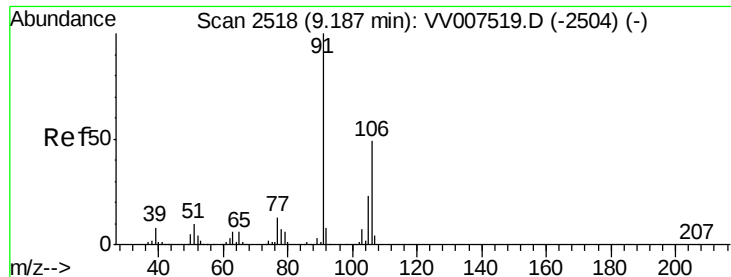
#52
Ethylbenzene
Concen: 0.537 ug/L
RT: 9.06 min Scan# 2480
Delta R.T. 0.00 min
Lab File: VV007526.D
Acq: 13 Sep 2018 22:52

Tgt Ion: 91 Resp: 17939
Ion Ratio Lower Upper
91 100
106 30.0 22.0 41.0



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 2.166 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VV007526.D

Acq: 13 Sep 2018 22:52

Instrument :

MSVOA_V

ClientSampled :

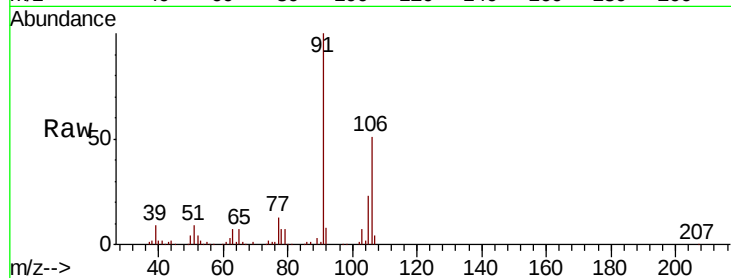
C0D11

Tgt Ion:106 Resp: 28015

Ion Ratio Lower Upper

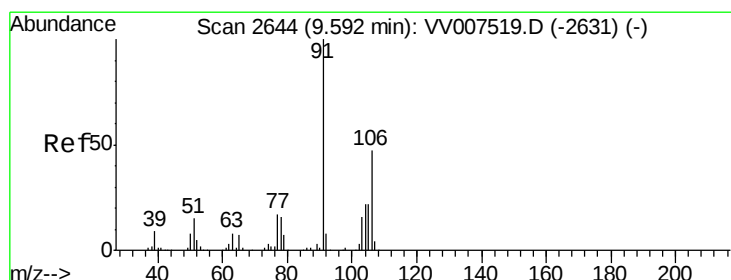
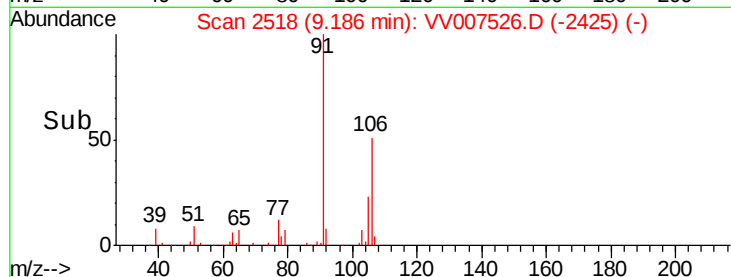
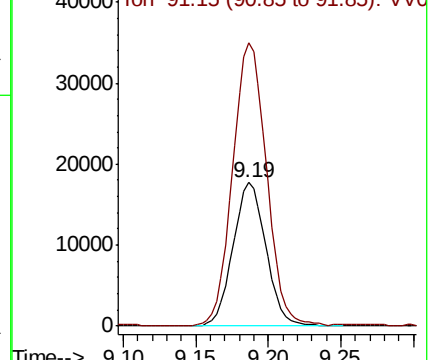
106 100

91 197.1 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 0.771 ug/L

RT: 9.59 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VV007526.D

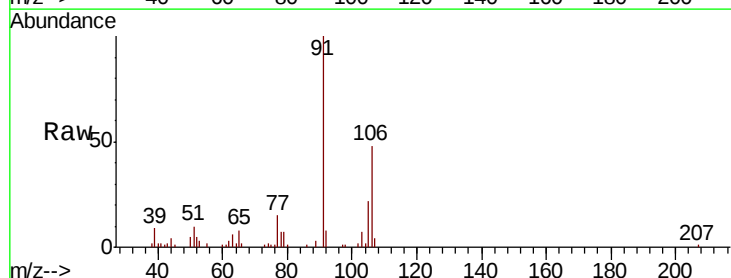
Acq: 13 Sep 2018 22:52

Tgt Ion:106 Resp: 9761

Ion Ratio Lower Upper

106 100

91 207.3 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

