

Data File : VV011997.D
Acq On : 24 Jul 2019 05:49
Operator : SY/MD
Sample : K3960-05MS
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

Quant Time: Jul 24 07:53:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	151723	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	146190	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74112	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35210	4.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.40%
7) Chloroethane-d5	1.58	69	29975	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.14	63	71846	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.94	46	109133	47.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.40	84	91609	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	53915	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.10	84	194036	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	53920	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	175492	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	20176	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	89815	47.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37796	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	70681	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	8062	0.886 ug/L	99
8) Chloroethane	1.60	64	475	0.086 ug/L	90
12) 1,1-Dichloroethene	2.14	96	27530	3.987 ug/L	97
25) Chloroform	4.44	83	5640	0.246 ug/L	96
27) 1,2-Dichloroethane	5.15	62	1798	0.141 ug/L #	76
33) Benzene	5.15	78	174470	4.057 ug/L	100
34) Trichloroethene	5.96	95	46037	3.855 ug/L	97
35) Methylcyclohexane	6.12	83	14433	0.777 ug/L #	17
39) cis-1,3-Dichloropropene	7.04	75	1420	0.093 ug/L #	56
42) Toluene	7.43	91	237039	5.135 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	990	0.081 ug/L	100
51) Chlorobenzene	8.92	112	132253	4.376 ug/L	98
52) Ethylbenzene	9.05	91	19393	0.368 ug/L	100
53) m,p-xylene	9.18	106	35469	1.769 ug/L	95
54) o-xylene	9.59	106	12987	0.683 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072319\
Quantitation Report (Not Reviewed)

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Quant Time: Jul 24 07:53:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 07:47:25 2019
Response via : Initial Calibration

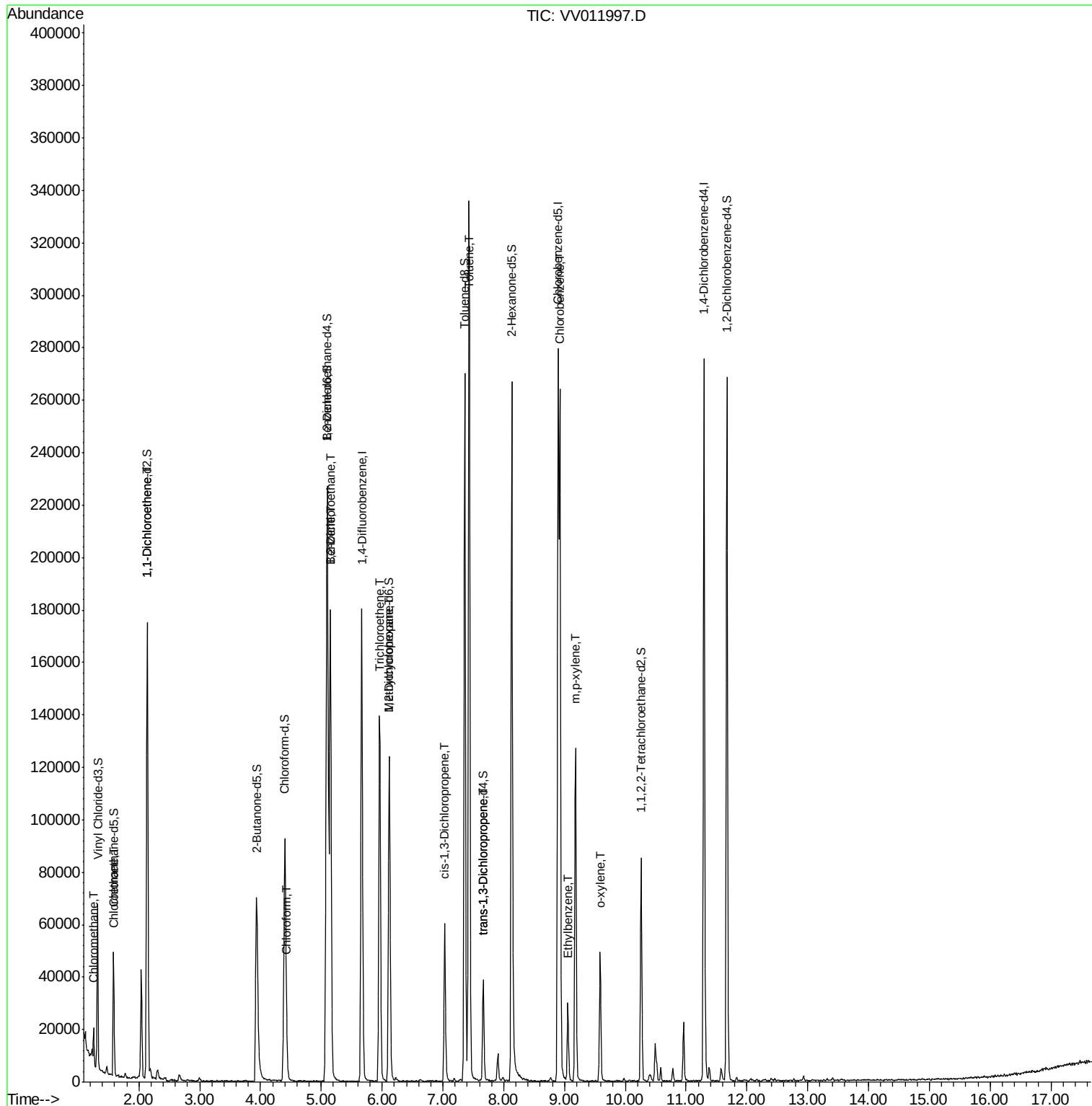
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

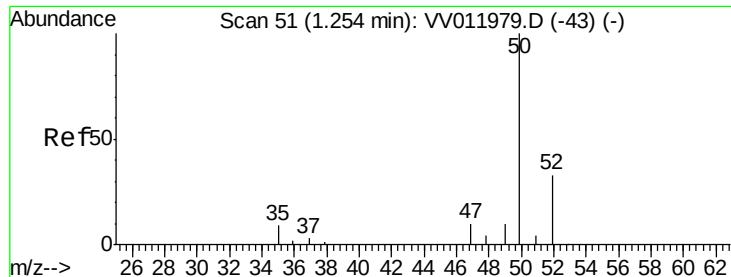
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#3

Chloromethane

Concen: 0.886 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

Instrument :

MSVOA_V

ClientSampleId :

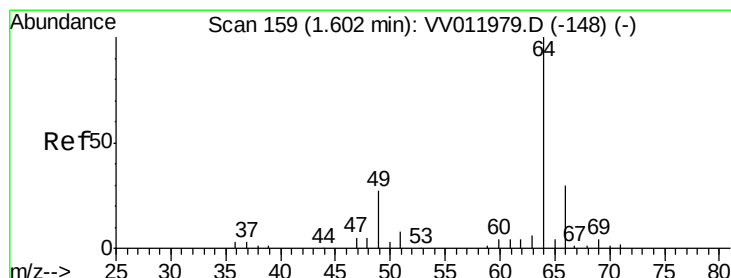
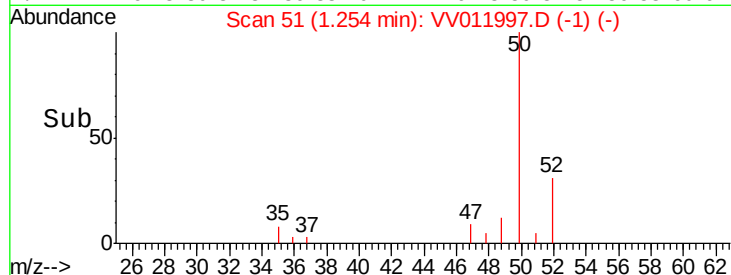
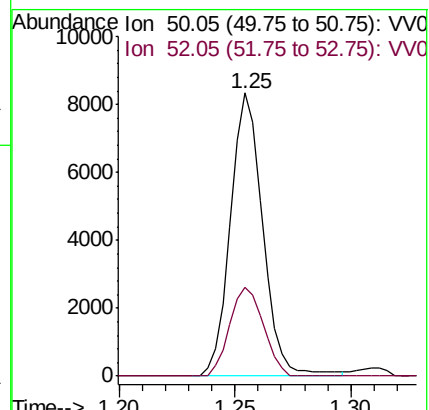
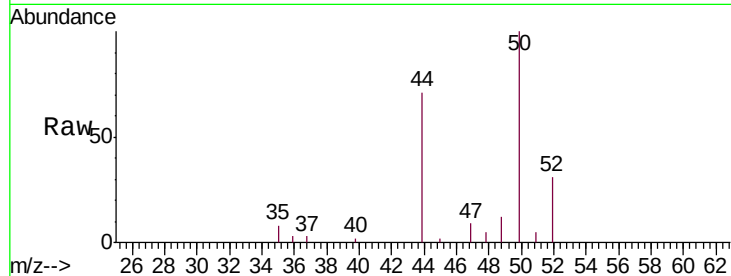
DB9A9MS

Tgt Ion: 50 Resp: 8062

Ion Ratio Lower Upper

50 100

52 31.2 21.6 40.2



#8

Chloroethane

Concen: 0.086 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV011997.D

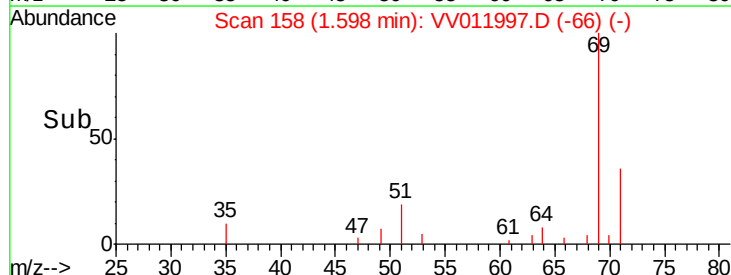
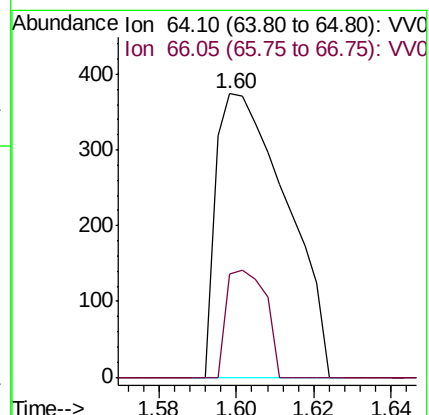
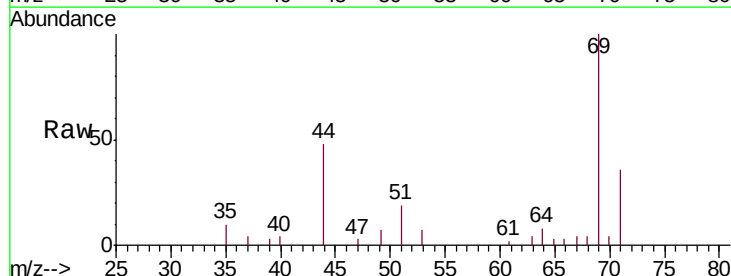
Acq: 24 Jul 2019 05:49

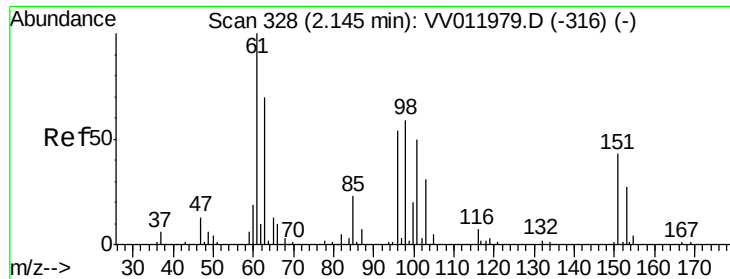
Tgt Ion: 64 Resp: 475

Ion Ratio Lower Upper

64 100

66 36.6 21.8 40.6

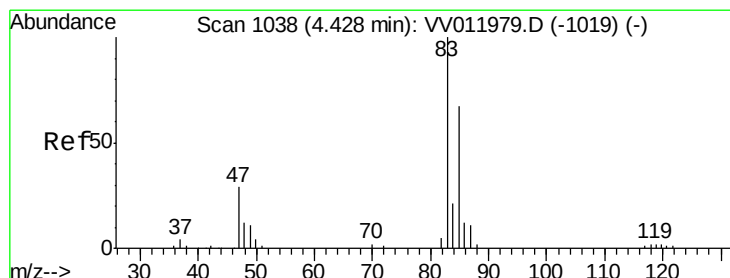
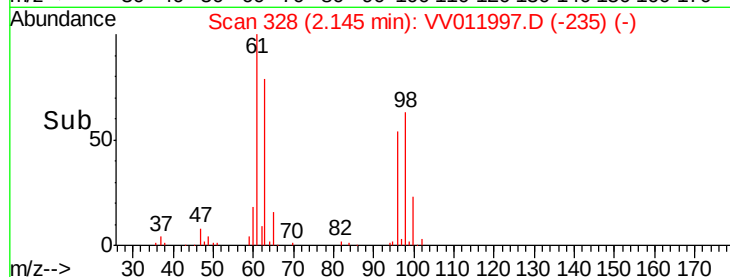
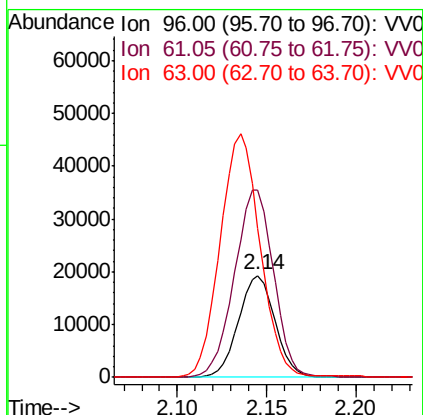
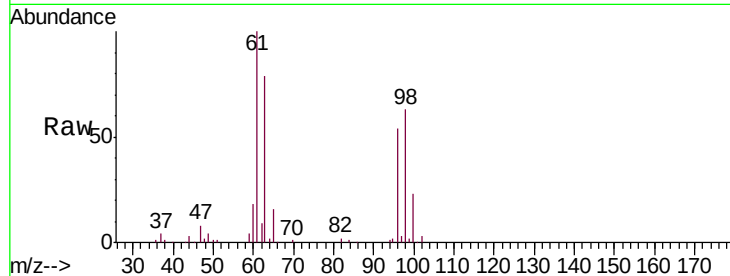




#12
 1,1-Dichloroethene
 Concen: 3.987 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

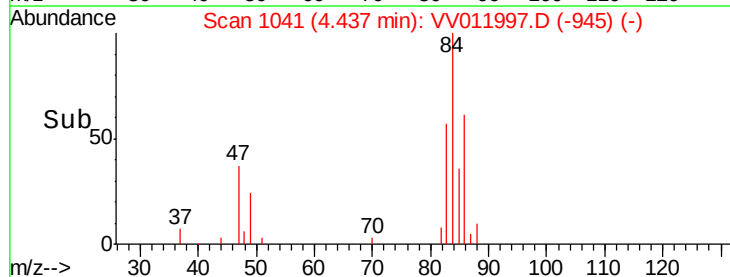
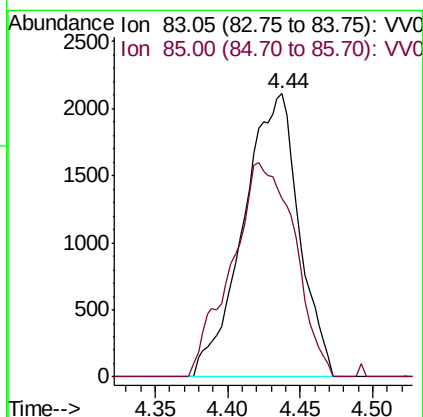
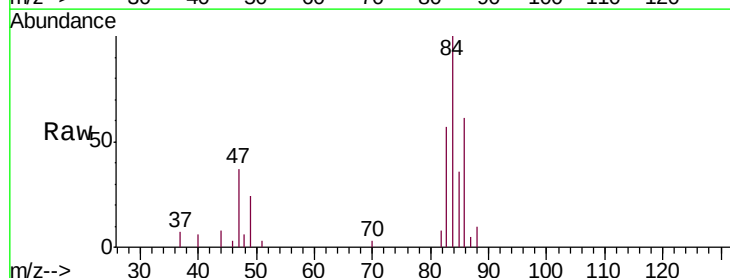
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

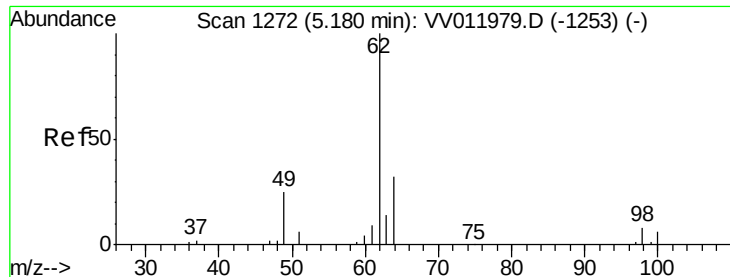
Tgt Ion: 96 Resp: 27530
 Ion Ratio Lower Upper
 96 100
 61 183.8 132.7 246.5
 63 145.6 104.0 193.1



#25
 Chloroform
 Concen: 0.246 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

Tgt Ion: 83 Resp: 5640
 Ion Ratio Lower Upper
 83 100
 85 62.9 46.5 86.3

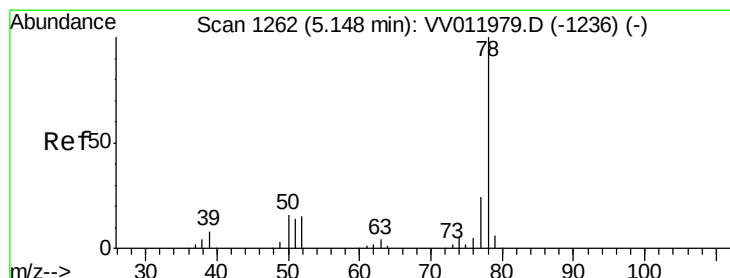
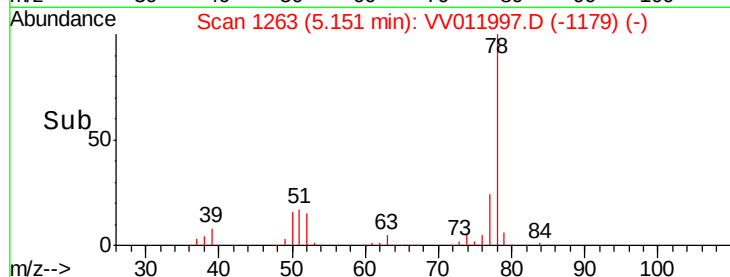
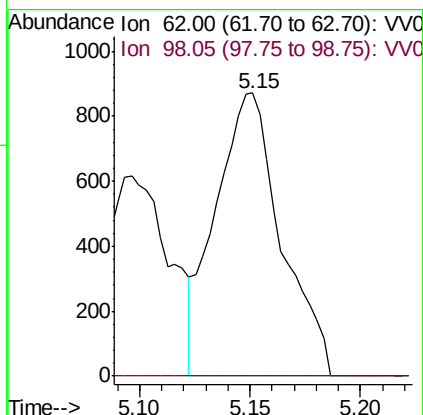
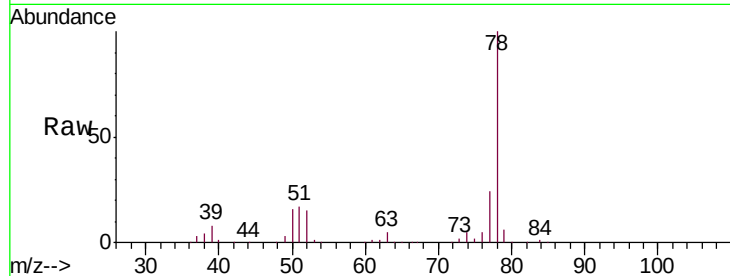




#27
 1,2-Dichloroethane
 Concen: 0.141 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. -0.03 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

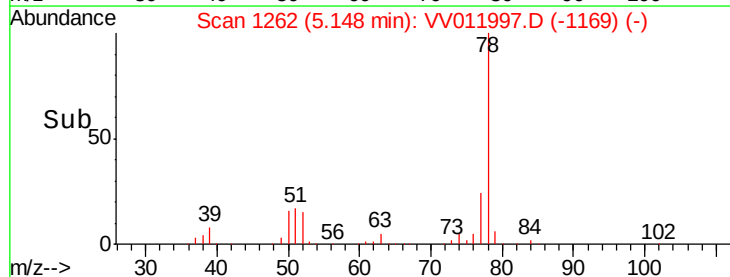
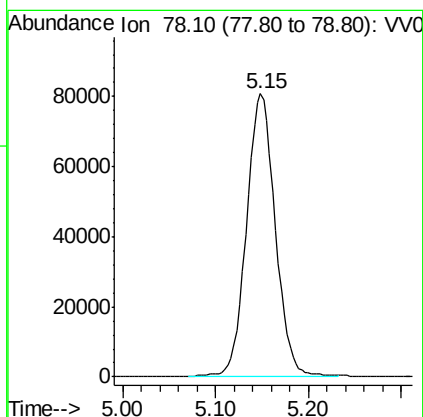
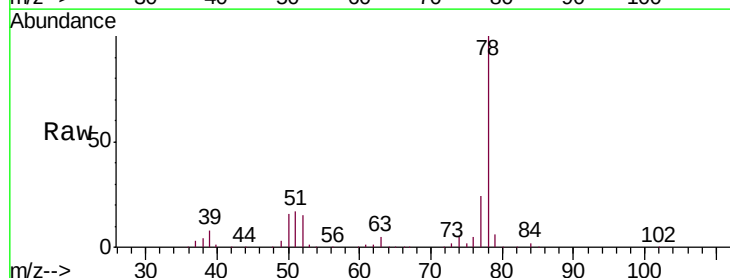
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

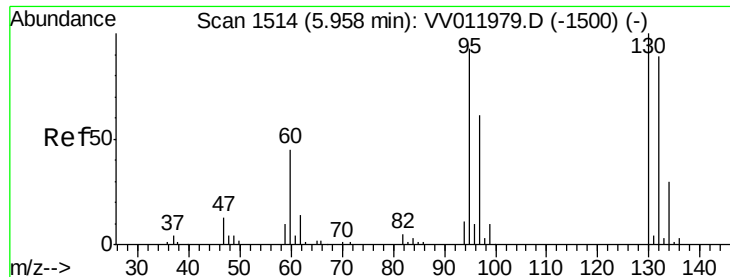
Tgt Ion: 62 Resp: 1798
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



#33
 Benzene
 Concen: 4.057 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

Tgt Ion: 78 Resp: 174470





#34

Trichloroethene

Concen: 3.855 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

Instrument :

MSVOA_V

ClientSampleId :

DB9A9MS

Tgt Ion: 95 Resp: 46037

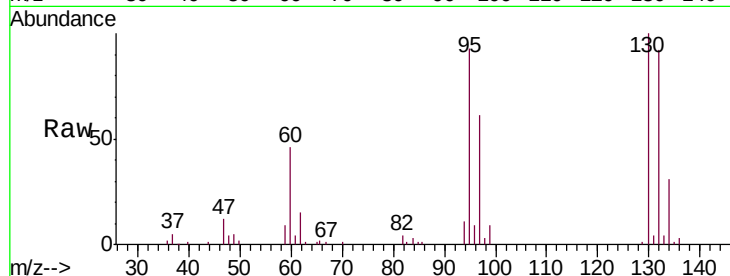
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.6

132 98.5 71.3 132.3

130 107.2 72.8 135.2

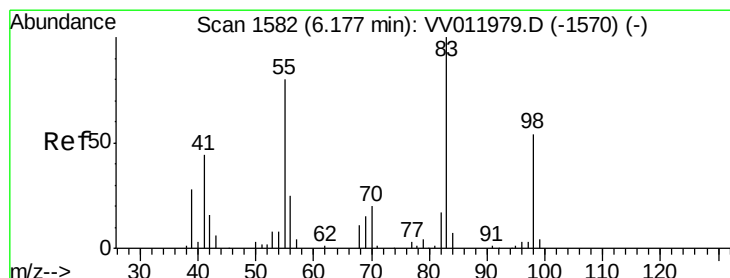
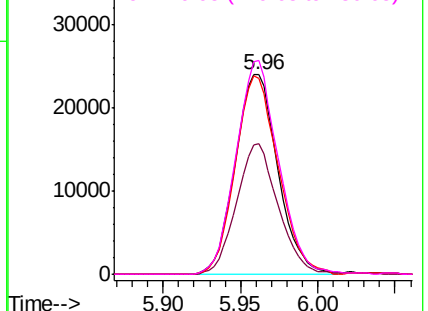
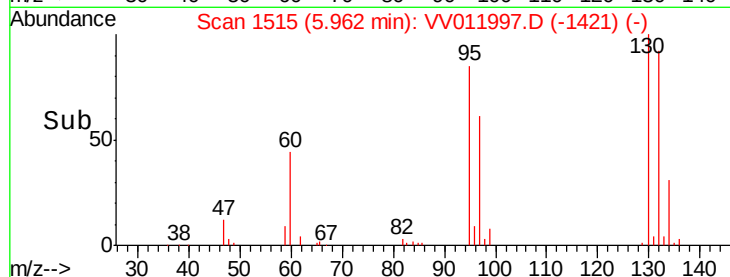


Abundance Ion 95.00 (94.70 to 95.70): VV011997.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV011997.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV011997.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV011997.D (-1421) (-)



#35

Methylcyclohexane

Concen: 0.777 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

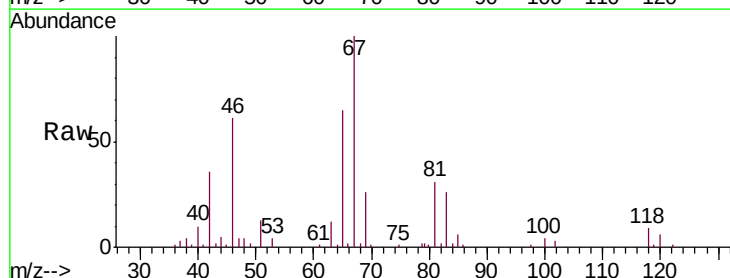
Tgt Ion: 83 Resp: 14433

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

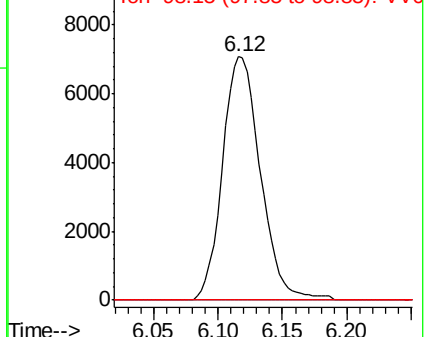
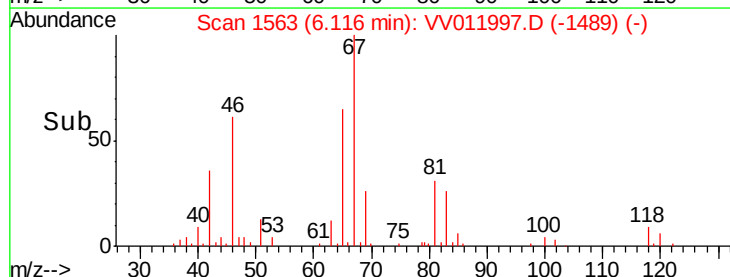
98 0.3 41.4 62.0#

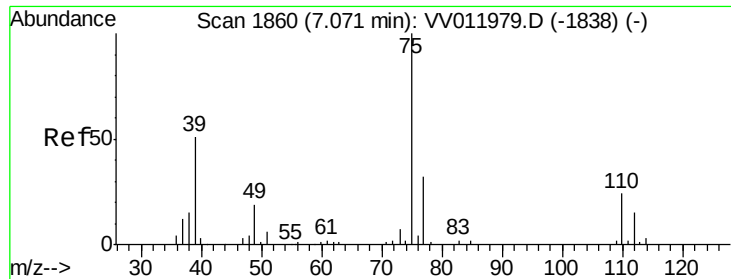


Abundance Ion 83.15 (82.85 to 83.85): VV011997.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV011997.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV011997.D (-1489) (-)

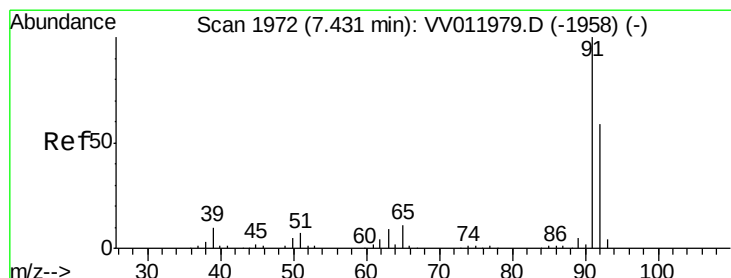
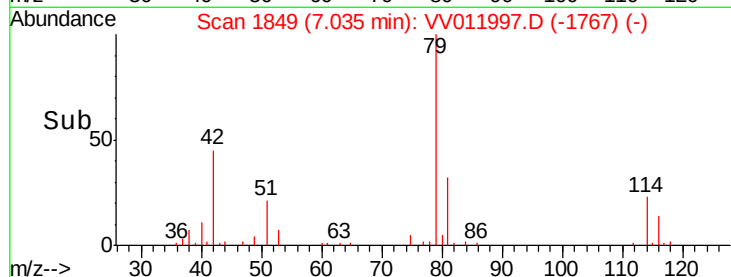
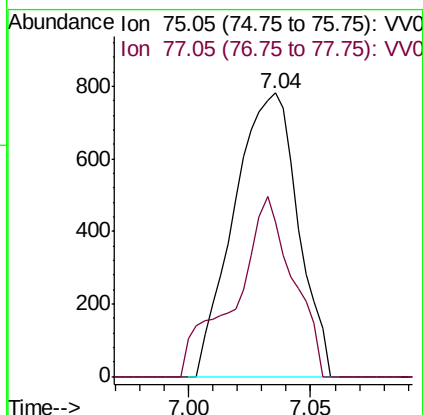
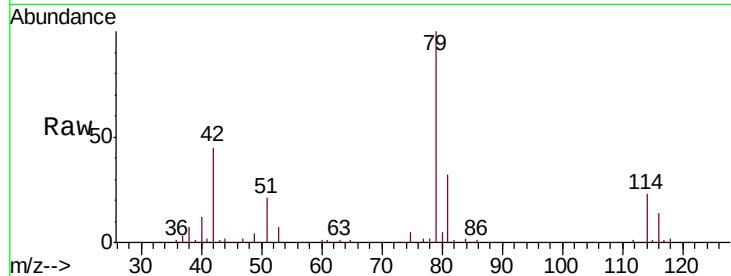




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

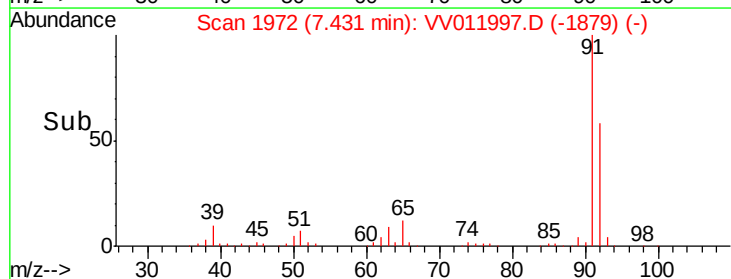
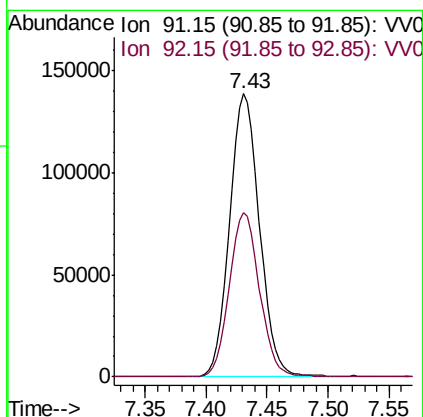
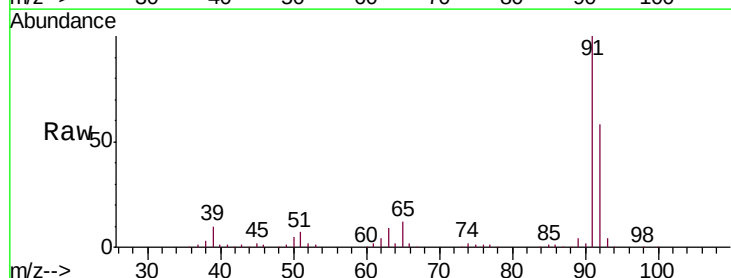
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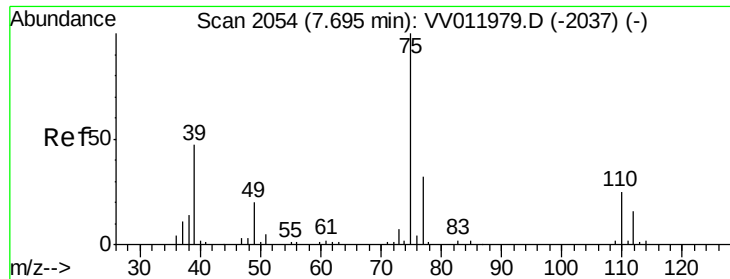
Tgt Ion: 75 Resp: 1420
 Ion Ratio Lower Upper
 75 100
 77 54.6 21.3 39.6#



#42
 Toluene
 Concen: 5.135 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

Tgt Ion: 91 Resp: 237039
 Ion Ratio Lower Upper
 91 100
 92 58.1 41.9 77.9





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

Instrument :

MSVOA_V

ClientSampleId :

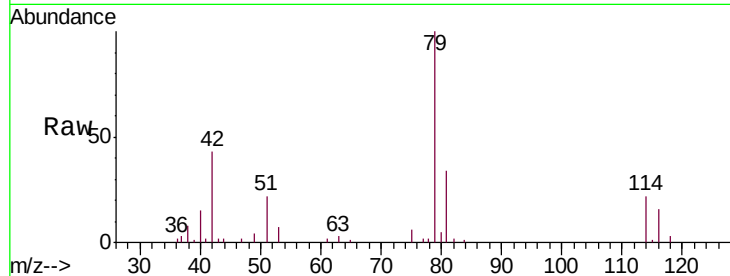
DB9A9MS

Tgt Ion: 75 Resp: 990

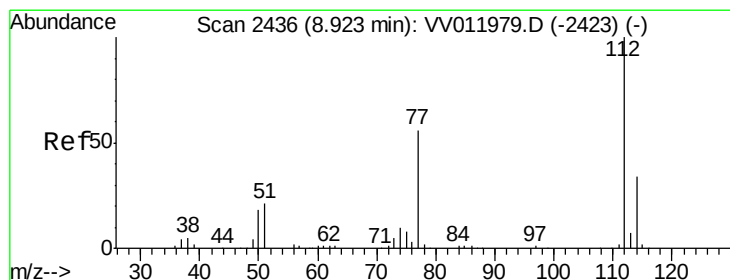
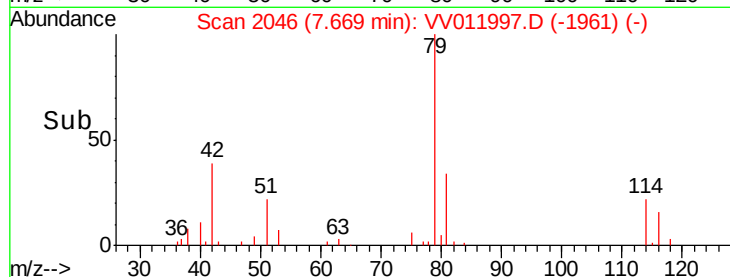
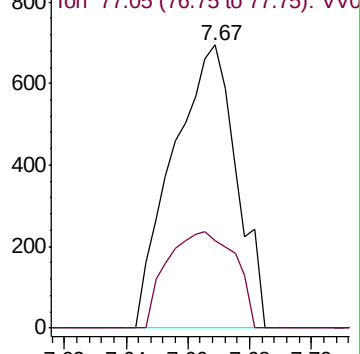
Ion Ratio Lower Upper

75 100

77 31.1 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VV011997.D (-2037) (-)



#51

Chlorobenzene

Concen: 4.376 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

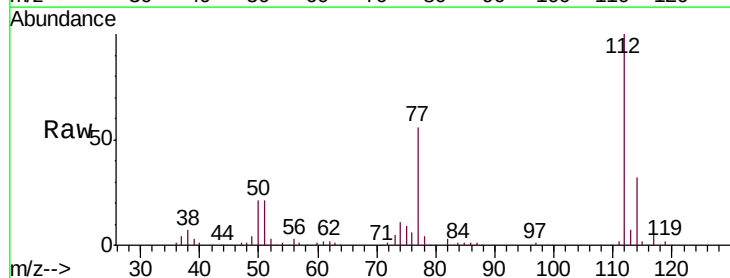
Tgt Ion: 112 Resp: 132253

Ion Ratio Lower Upper

112 100

114 32.0 23.0 42.8

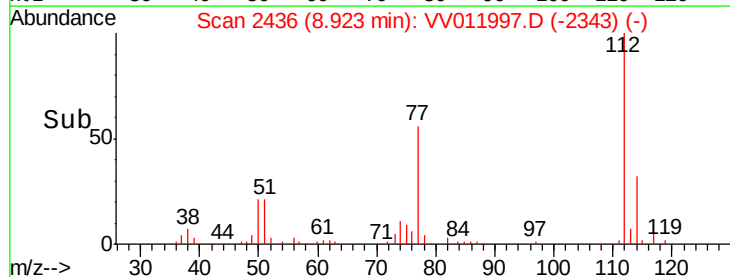
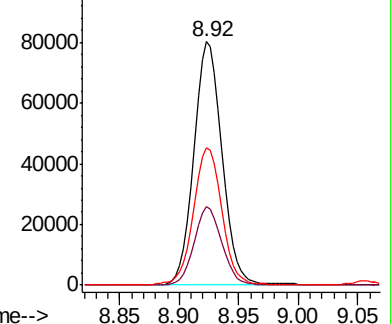
77 56.2 46.4 69.6

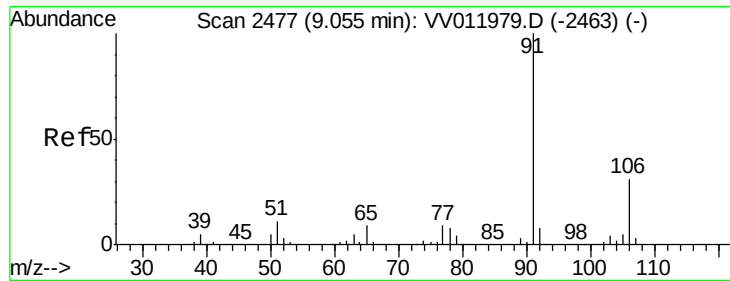


Abundance Ion 112.10 (111.80 to 112.80): VV011997.D (-2423) (-)

Ion 114.05 (113.75 to 114.75): VV011997.D (-2423) (-)

Ion 77.10 (76.80 to 77.80): VV011997.D (-2423) (-)





#52

Ethylbenzene

Concen: 0.368 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV011997.D

Acq: 24 Jul 2019 05:49

Instrument :

MSVOA_V

ClientSampleId :

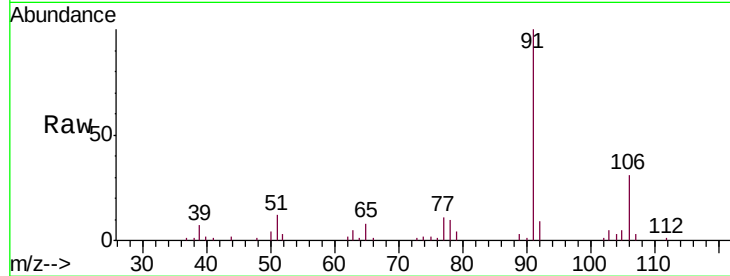
DB9A9MS

Tgt Ion: 91 Resp: 19393

Ion Ratio Lower Upper

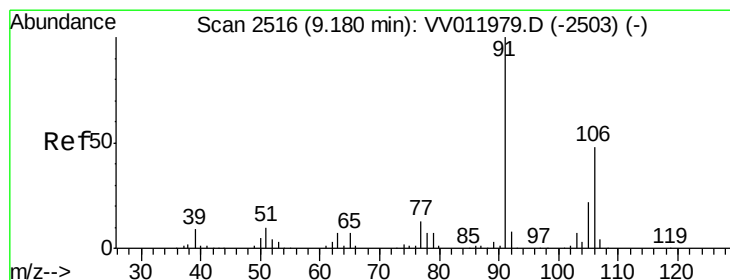
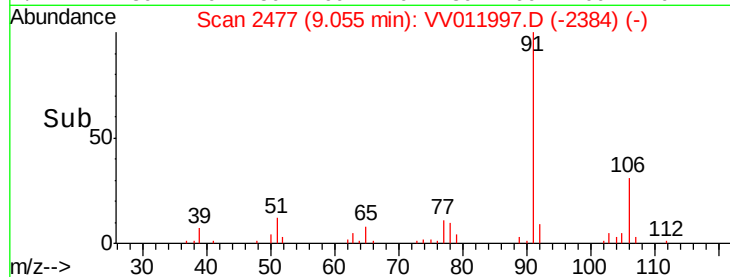
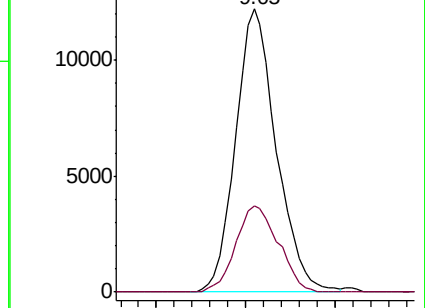
91 100

106 30.6 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV011997.D (-2463) (-)

Ion 106.15 (105.85 to 106.85): VV011997.D (-2463) (-)



#53

m,p-xylene

Concen: 1.769 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. -0.00 min

Lab File: VV011997.D

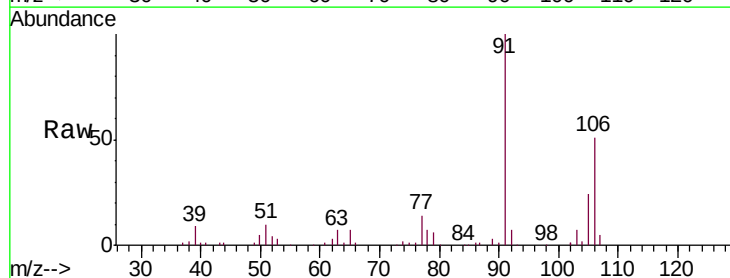
Acq: 24 Jul 2019 05:49

Tgt Ion: 106 Resp: 35469

Ion Ratio Lower Upper

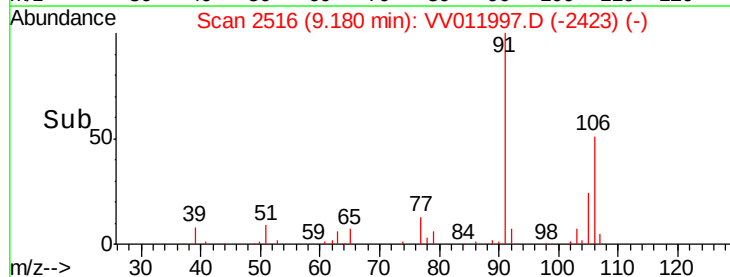
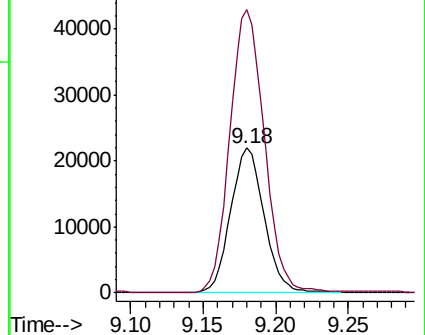
106 100

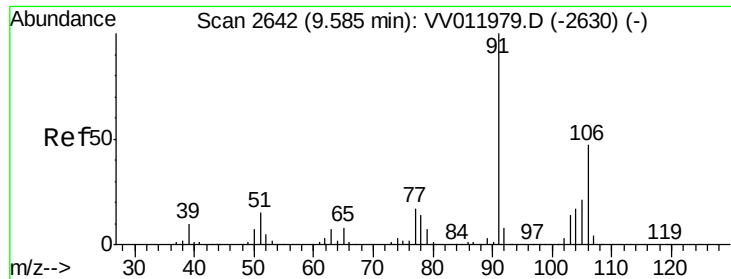
91 195.8 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV011979.D (-2503) (-)

Ion 91.15 (90.85 to 91.85): VV011979.D (-2503) (-)





#54
 o-xylene
 Concen: 0.683 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV011997.D
 Acq: 24 Jul 2019 05:49

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

Tgt Ion:106 Resp: 12987
 Ion Ratio Lower Upper
 106 100
 91 204.0 151.0 280.4

