

Data File : VV012032.D
Acq On : 25 Jul 2019 16:48
Operator : SY/MD
Sample : K3960-05MS
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

Quant Time: Jul 26 02:39:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	113415	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	109908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24378	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	22048	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	52418	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.93	46	105338	61.14	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.28%
24) Chloroform-d	4.40	84	73212	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	45121	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	147543	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	43458	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	130551	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.66	79	17650	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	86556	60.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35584	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	57364	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	4836	0.711 ug/L	98
8) Chloroethane	1.60	64	335	0.081 ug/L #	43
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	498	0.086 ug/L #	15
12) 1,1-Dichloroethene	2.14	96	22082	4.278 ug/L	100
13) Acetone	2.19	43	1780	1.916 ug/L	96
25) Chloroform	4.43	83	5748	0.335 ug/L	92
27) 1,2-Dichloroethane	5.15	62	1565	0.164 ug/L #	76
33) Benzene	5.15	78	139909	4.327 ug/L	100
34) Trichloroethene	5.96	95	37044	4.126 ug/L	99
35) Methylcyclohexane	6.12	83	11732	0.840 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	5634	0.725 ug/L #	84
42) Toluene	7.43	91	188136	5.421 ug/L	98
48) 2-Hexanone	8.13	43	10071	3.306 ug/L #	67
51) Chlorobenzene	8.92	112	106860	4.703 ug/L	99
52) Ethylbenzene	9.05	91	14664	0.370 ug/L	96
53) m,p-xylene	9.18	106	25900	1.718 ug/L	93
54) o-xylene	9.59	106	9751	0.682 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072519\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

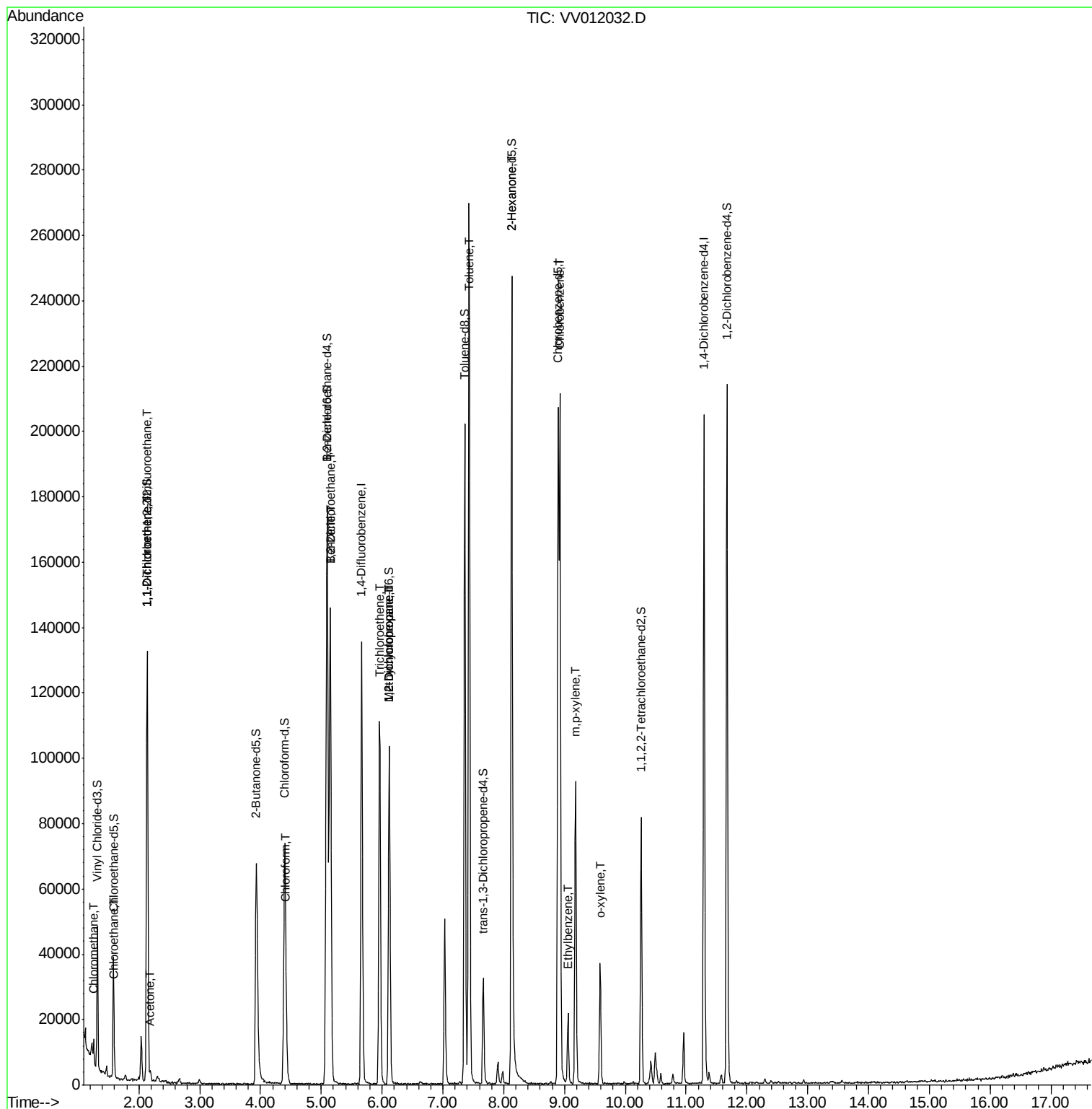
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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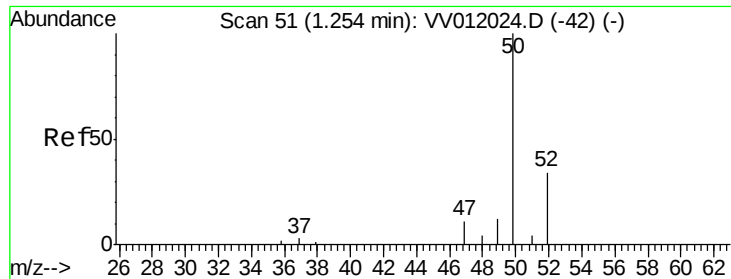
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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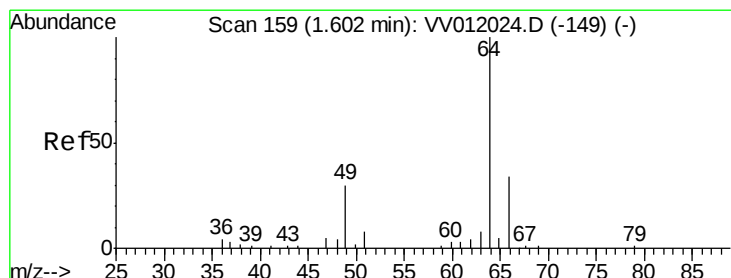
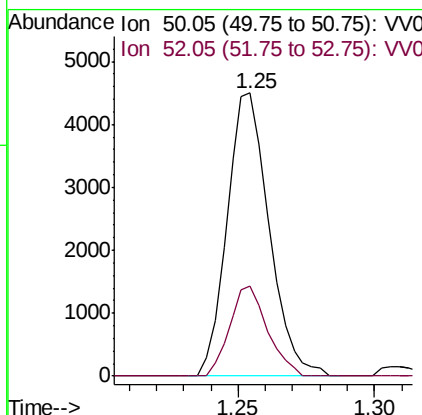
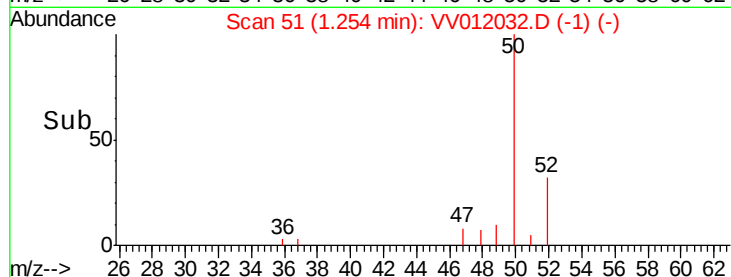
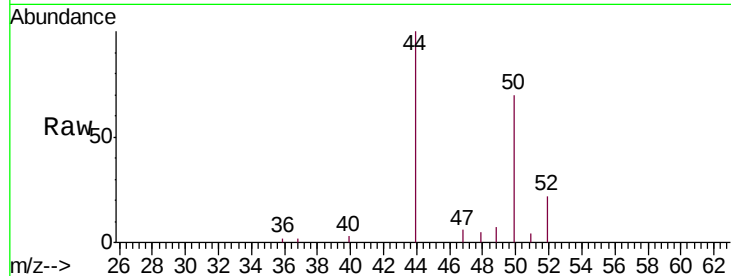




#3
 Chloromethane
 Concen: 0.711 ug/L
 RT: 1.25 min Scan# 51
 Delta R.T. 0.00 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

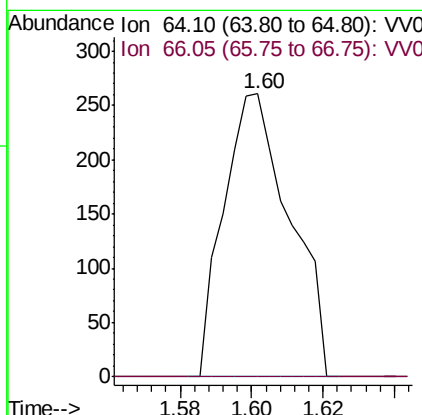
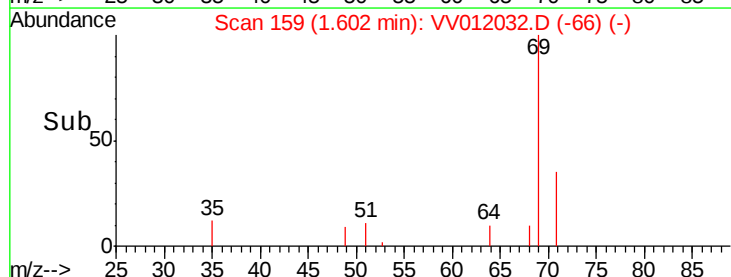
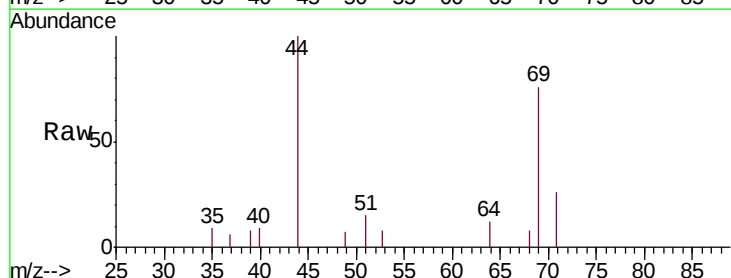
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

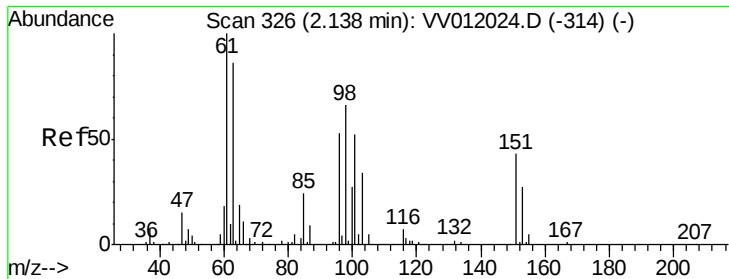
Tgt Ion: 50 Resp: 4836
 Ion Ratio Lower Upper
 50 100
 52 31.8 21.6 40.2



#8
 Chloroethane
 Concen: 0.081 ug/L
 RT: 1.60 min Scan# 159
 Delta R.T. 0.00 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

Tgt Ion: 64 Resp: 335
 Ion Ratio Lower Upper
 64 100
 66 0.0 21.8 40.6#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.086 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

DB9A9MS

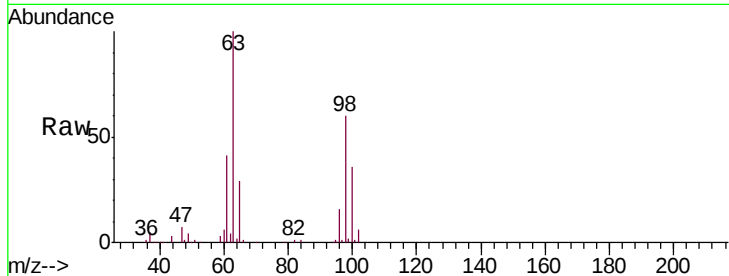
Tgt Ion: 101 Resp: 498

Ion Ratio Lower Upper

101 100

85 0.0 37.0 55.6#

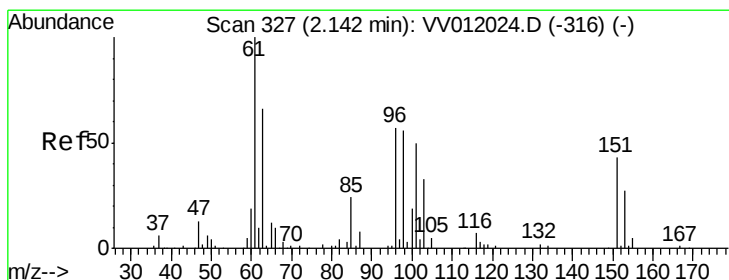
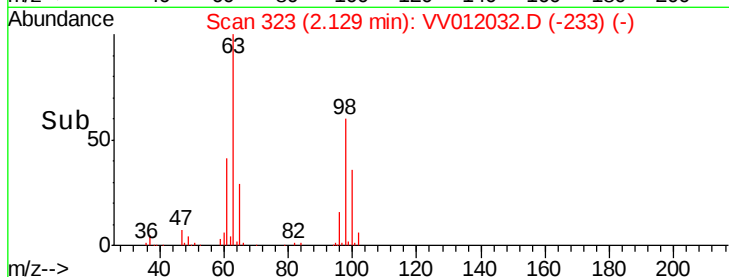
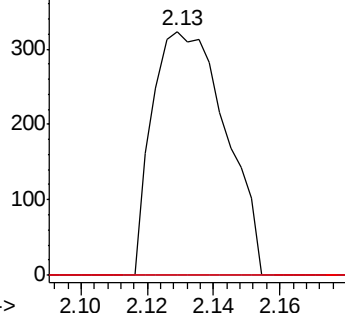
151 0.0 68.3 102.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.278 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

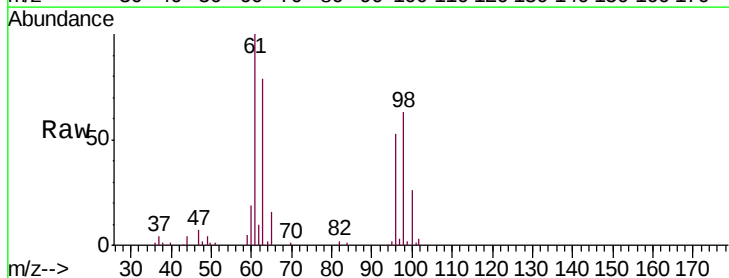
Tgt Ion: 96 Resp: 22082

Ion Ratio Lower Upper

96 100

61 189.4 132.7 246.5

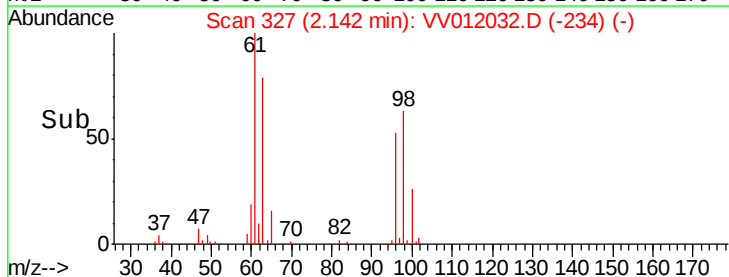
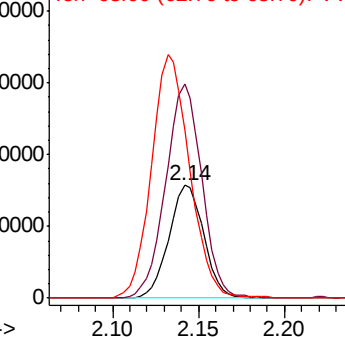
63 149.1 104.0 193.1

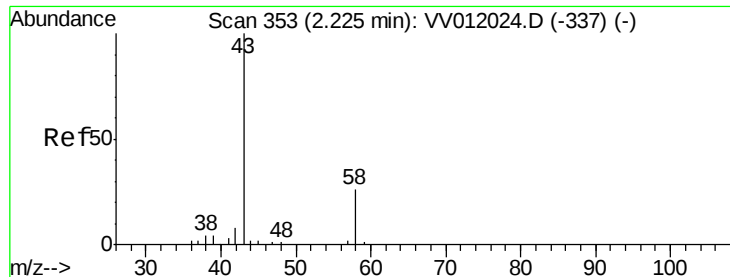


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.916 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

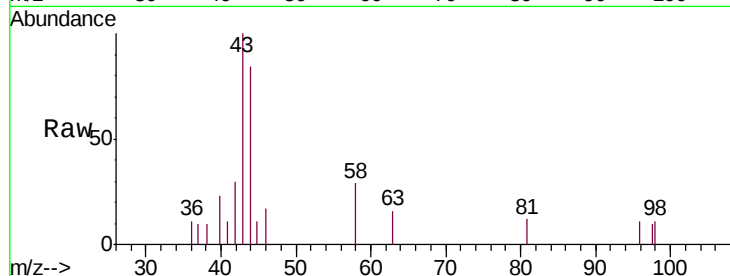
DB9A9MS

Tgt Ion: 43 Resp: 1780

Ion Ratio Lower Upper

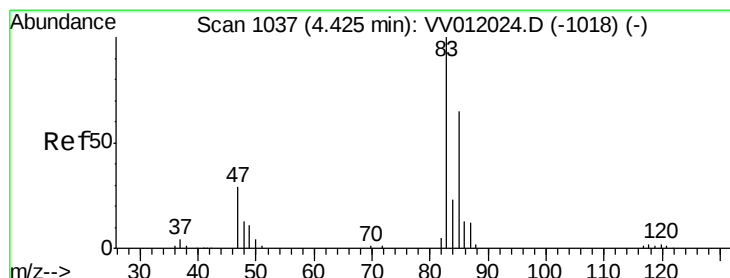
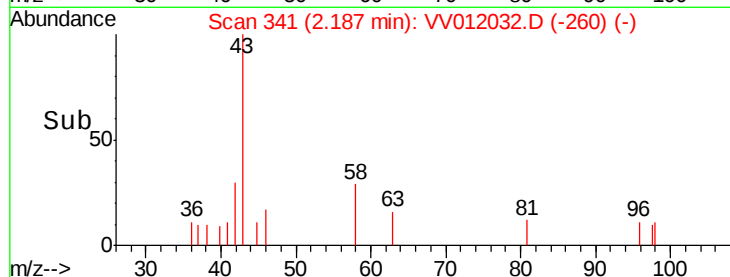
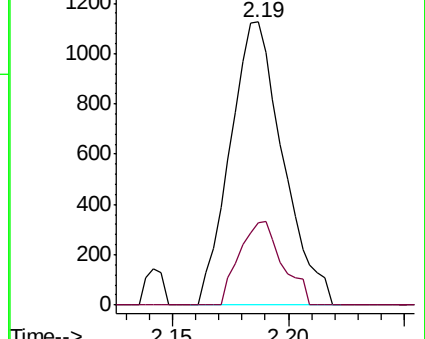
43 100

58 24.1 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VV012024.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV012024.D (-337) (-)



#25

Chloroform

Concen: 0.335 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012032.D

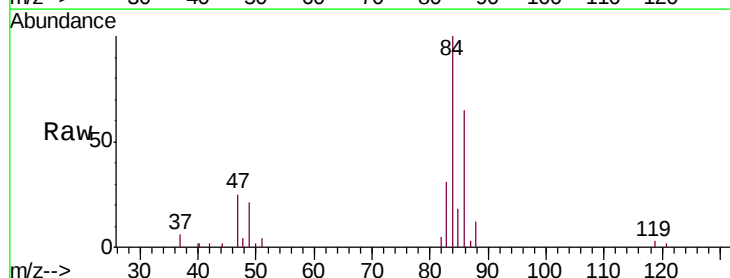
Acq: 25 Jul 2019 16:48

Tgt Ion: 83 Resp: 5748

Ion Ratio Lower Upper

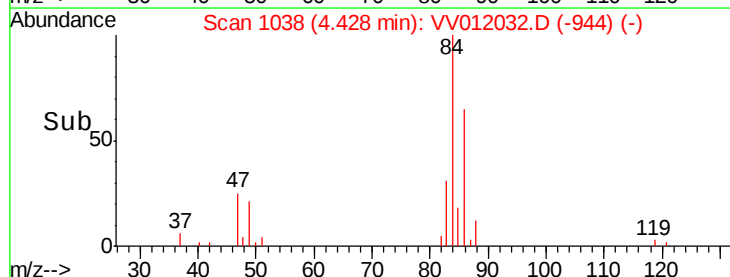
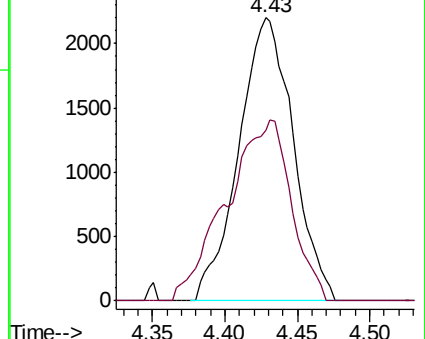
83 100

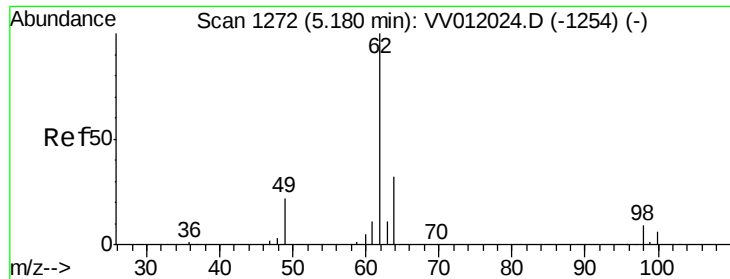
85 60.3 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV012024.D (-1018) (-)

Ion 85.00 (84.70 to 85.70): VV012024.D (-1018) (-)

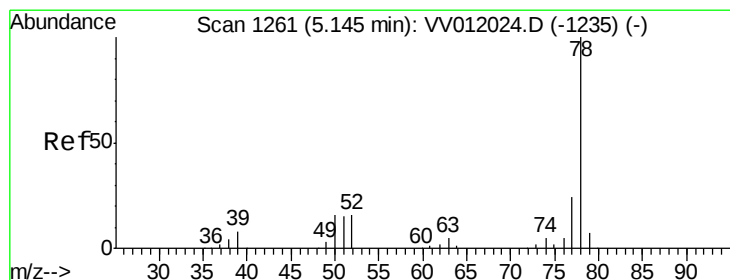
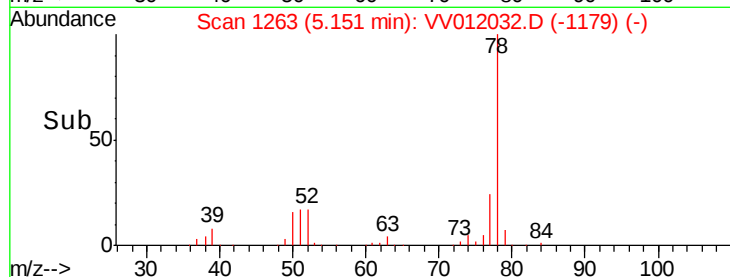
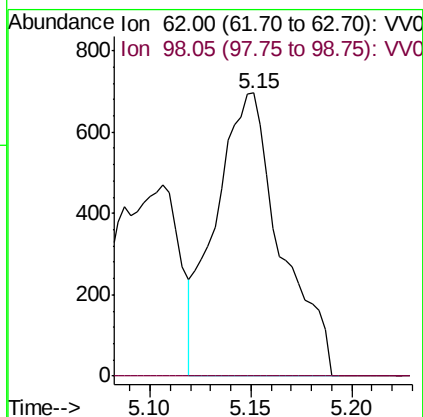
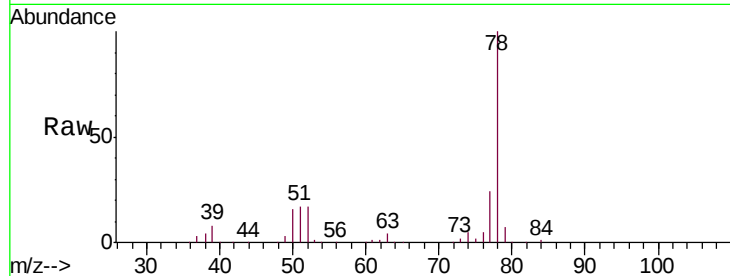




#27
 1,2-Dichloroethane
 Concen: 0.164 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. -0.03 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

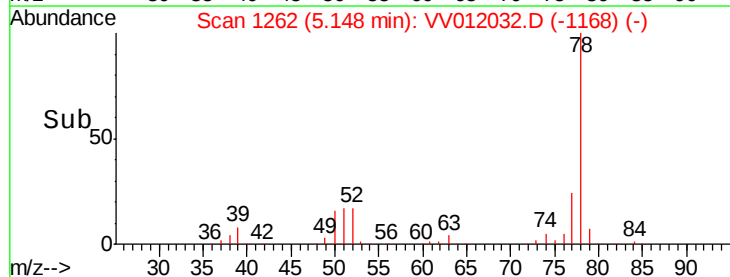
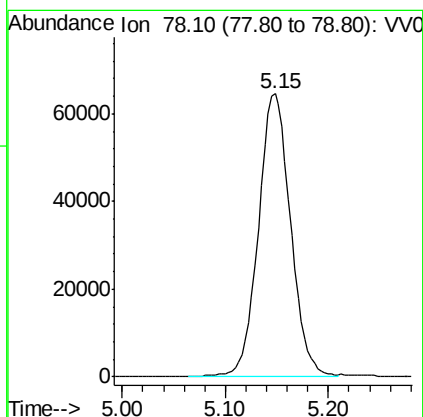
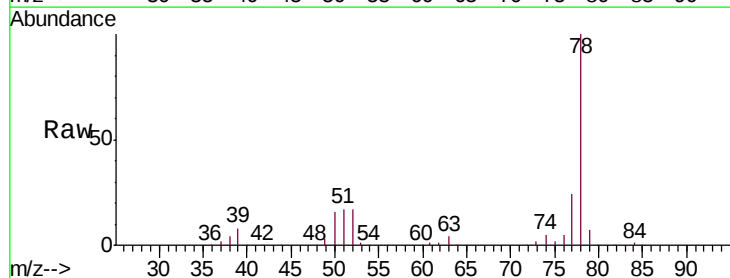
Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

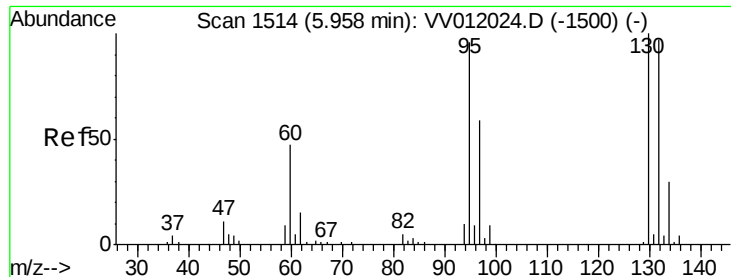
Tgt Ion: 62 Resp: 1565
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.6#



#33
 Benzene
 Concen: 4.327 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

Tgt Ion: 78 Resp: 139909





#34

Trichloroethene

Concen: 4.126 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

DB9A9MS

Tgt Ion: 95 Resp: 37044

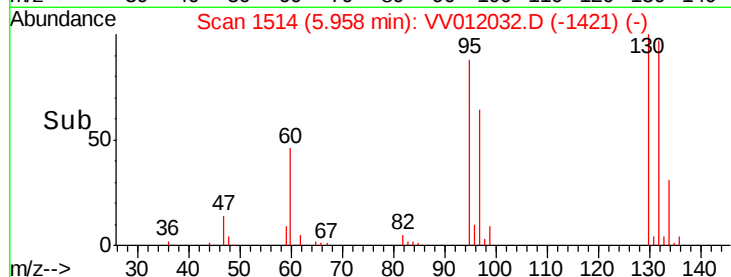
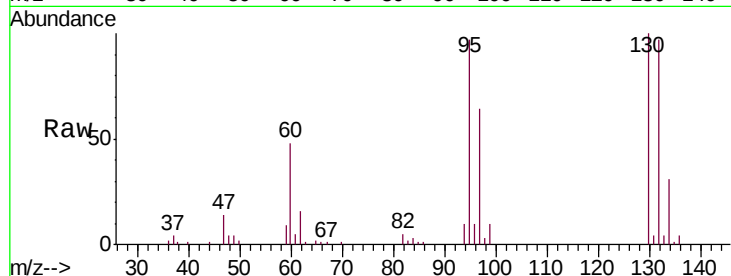
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.6

132 99.5 71.3 132.3

130 102.8 72.8 135.2

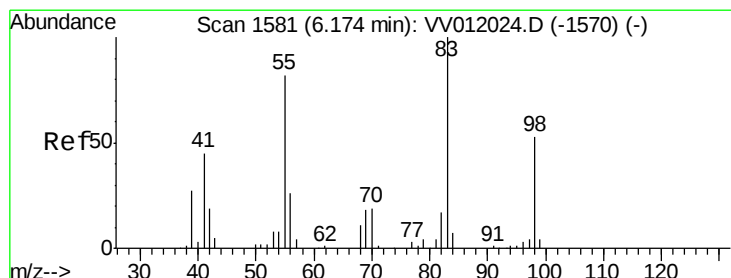
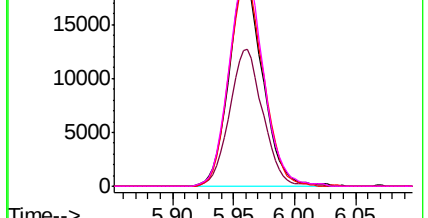


Abundance Ion 95.00 (94.70 to 95.70): VV012032.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV012032.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV012032.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV012032.D (-1421) (-)



#35

Methylcyclohexane

Concen: 0.840 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

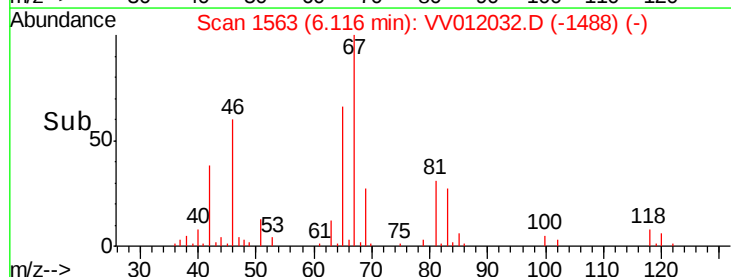
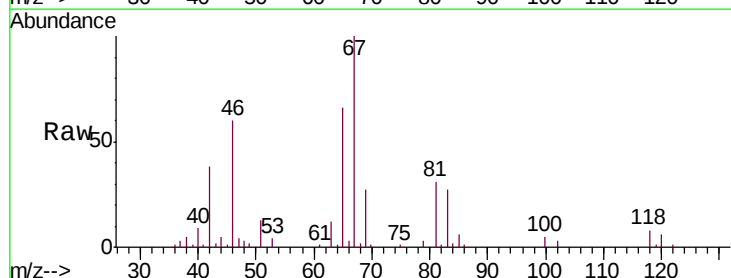
Tgt Ion: 83 Resp: 11732

Ion Ratio Lower Upper

83 100

55 0.4 63.0 94.4#

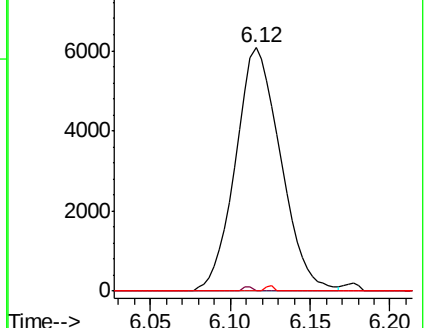
98 0.4 41.4 62.0#

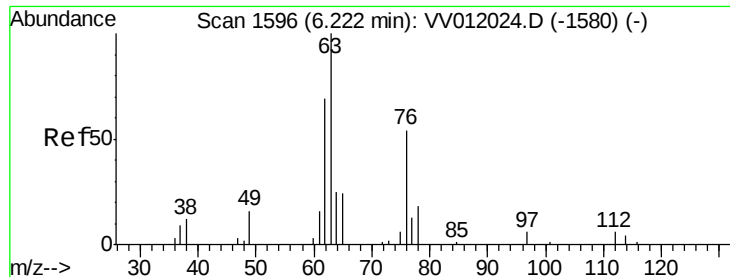


Abundance Ion 83.15 (82.85 to 83.85): VV012032.D (-1488) (-)

Ion 55.10 (54.80 to 55.80): VV012032.D (-1488) (-)

Ion 98.15 (97.85 to 98.85): VV012032.D (-1488) (-)

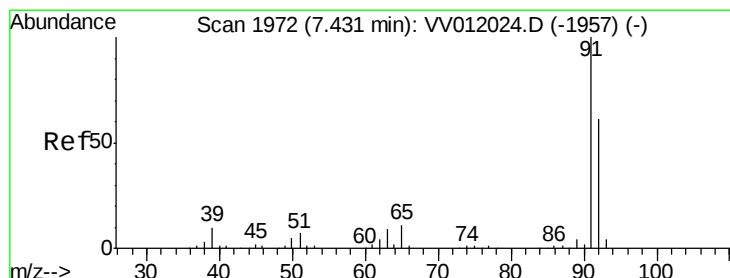
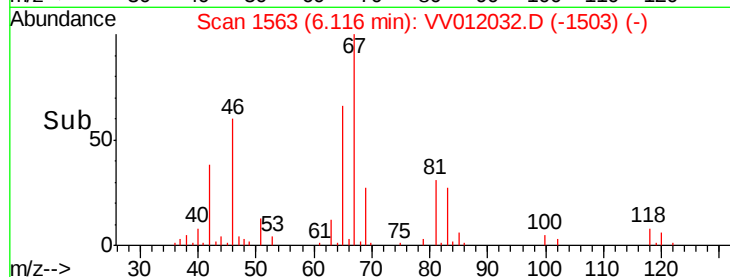
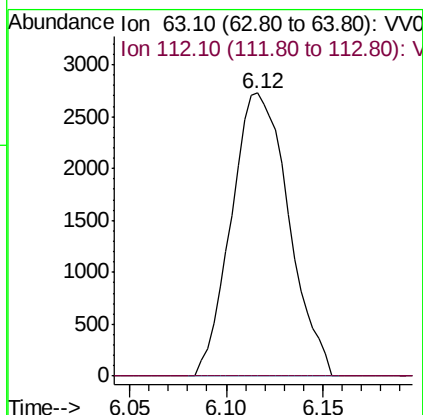
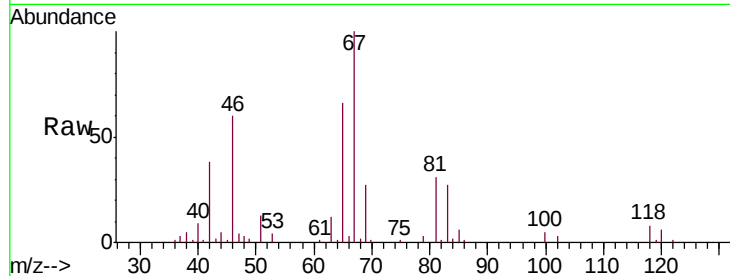




#37
 1,2-Dichloropropane
 Concen: 0.725 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

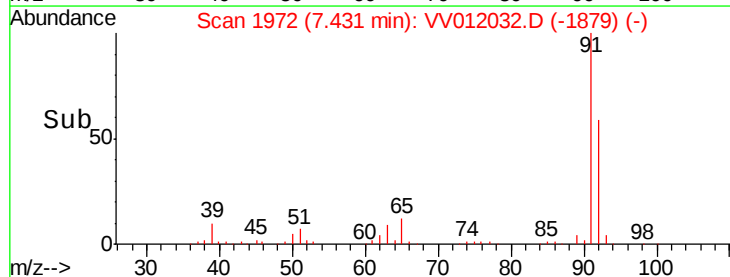
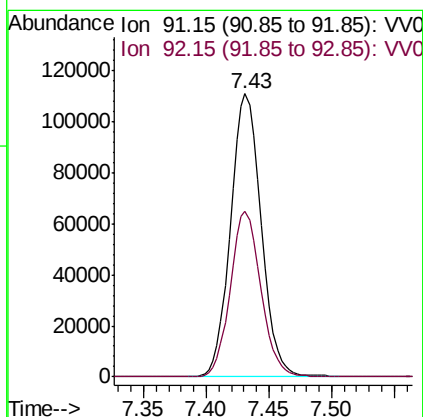
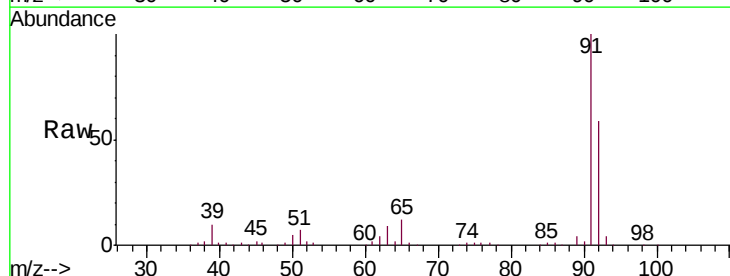
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 ClientSampleId :
 DB9A9MS

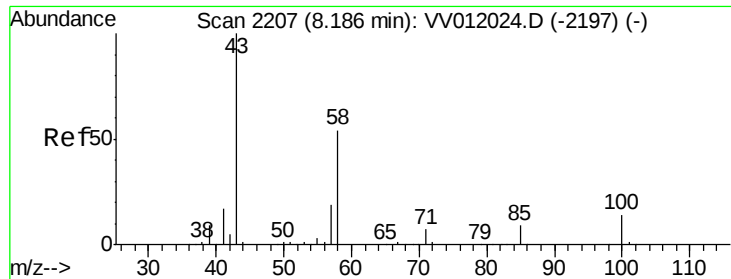
Tgt Ion: 63 Resp: 5634
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 Toluene
 Concen: 5.421 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

Tgt Ion: 91 Resp: 188136
 Ion Ratio Lower Upper
 91 100
 92 58.6 41.9 77.9

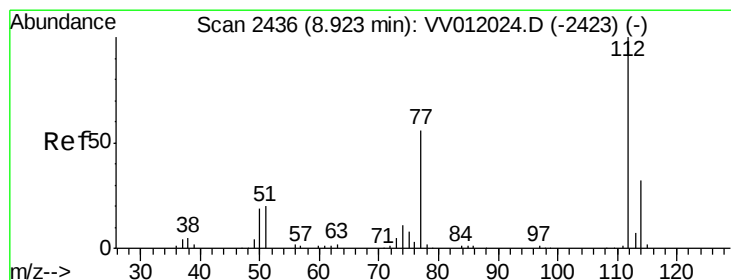
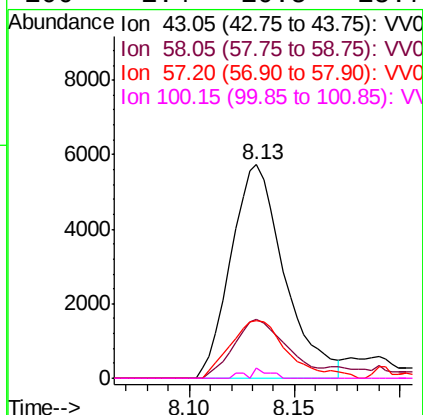
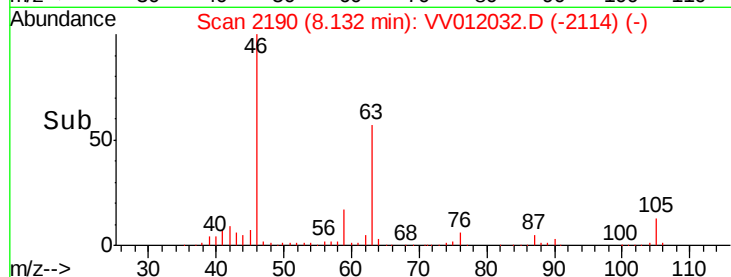
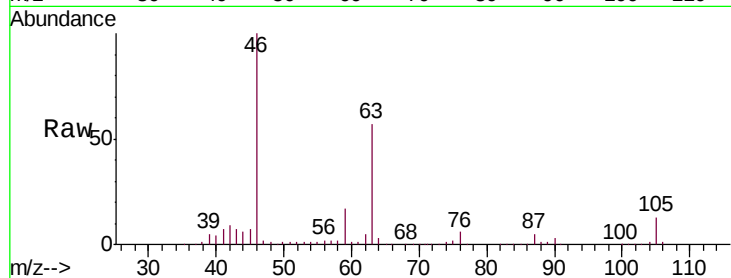




#48
2-Hexanone
Concen: 3.306 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV012032.D
Acq: 25 Jul 2019 16:48

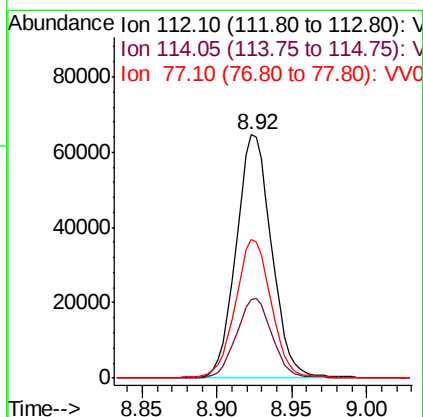
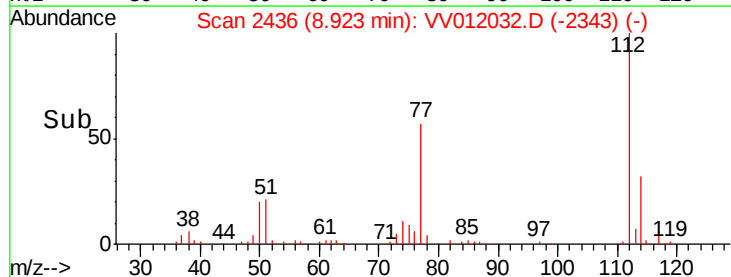
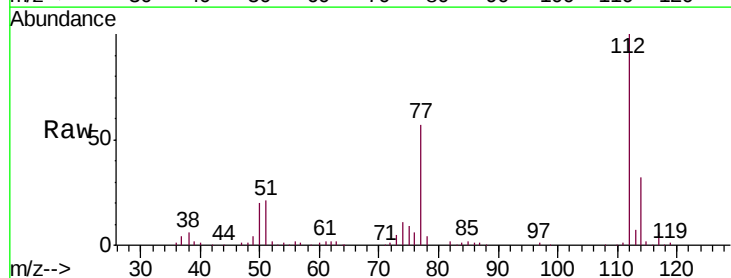
Instrument :
MSVOA_V
ClientSampleId :
DB9A9MS

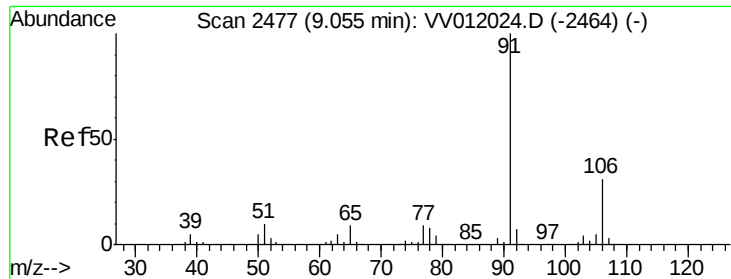
Tgt Ion: 43 Resp: 10071
Ion Ratio Lower Upper
43 100
58 27.1 43.7 65.5#
57 29.0 16.0 24.0#
100 1.4 10.5 15.7#



#51
Chlorobenzene
Concen: 4.703 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV012032.D
Acq: 25 Jul 2019 16:48

Tgt Ion: 112 Resp: 106860
Ion Ratio Lower Upper
112 100
114 32.1 23.0 42.8
77 57.0 46.4 69.6





#52

Ethylbenzene

Concen: 0.370 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV012032.D

Acq: 25 Jul 2019 16:48

Instrument :

MSVOA_V

ClientSampleId :

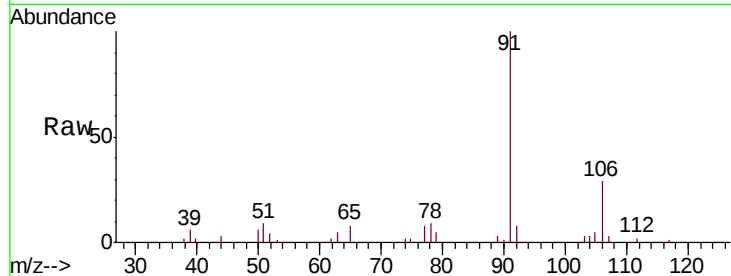
DB9A9MS

Tgt Ion: 91 Resp: 14664

Ion Ratio Lower Upper

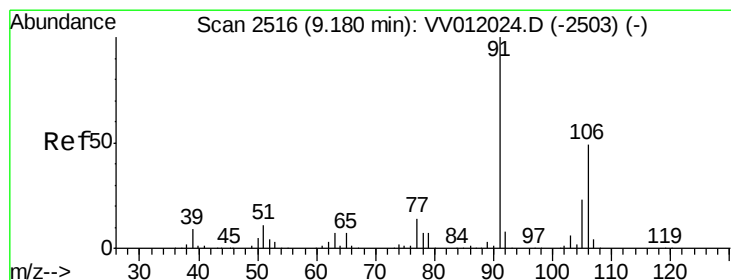
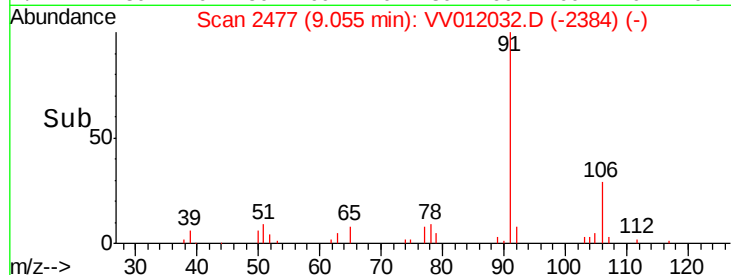
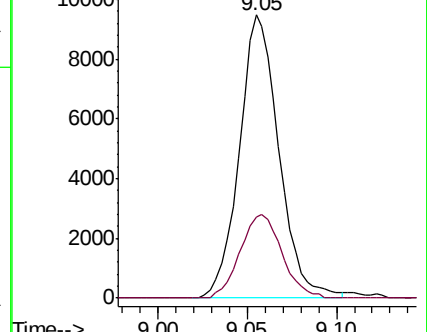
91 100

106 28.8 21.6 40.0



Abundance Ion 91.15 (90.85 to 91.85): VV012032.D (-2384) (-)

Ion 106.15 (105.85 to 106.85): VV012032.D (-2384) (-)



#53

m,p-xylene

Concen: 1.718 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV012032.D

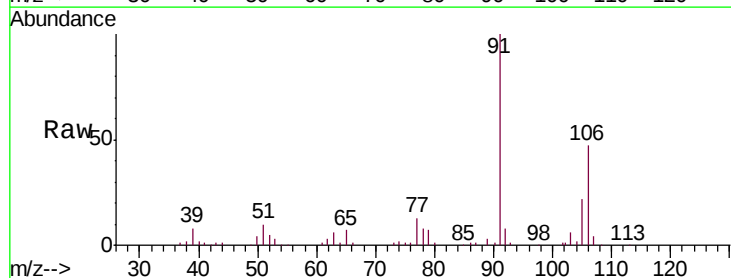
Acq: 25 Jul 2019 16:48

Tgt Ion: 106 Resp: 25900

Ion Ratio Lower Upper

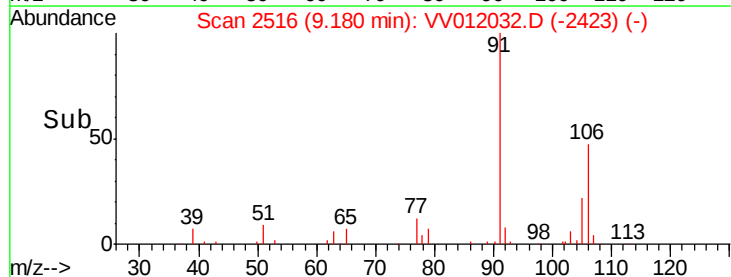
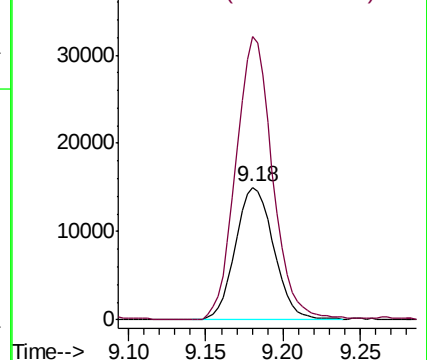
106 100

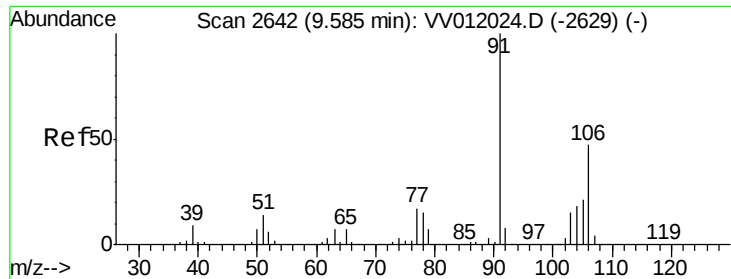
91 213.9 142.7 265.1



Abundance Ion 106.15 (105.85 to 106.85): VV012032.D (-2423) (-)

Ion 91.15 (90.85 to 91.85): VV012032.D (-2423) (-)





#54
 o-xylene
 Concen: 0.682 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV012032.D
 Acq: 25 Jul 2019 16:48

Instrument :
 MSVOA_V
 ClientSampleId :
 DB9A9MS

Tgt Ion:106 Resp: 9751
 Ion Ratio Lower Upper
 106 100
 91 212.6 151.0 280.4

