

Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Quant Time: Aug 21 01:16:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	134191	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	124169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	71036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18233	2.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	53.20%
7) Chloroethane-d5	1.58	69	15141	3.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.40%#
11) 1,1-Dichloroethene-d2	2.13	63	30892	2.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.40%#
20) 2-Butanone-d5	3.97	46	48494	26.23	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.46%
24) Chloroform-d	4.39	84	63008	3.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.00%#
26) 1,2-Dichloroethane-d4	5.08	65	31233	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
32) Benzene-d6	5.09	84	120585	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.11	67	31932	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.80%
41) Toluene-d8	7.36	98	117510	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	7.66	79	14219	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.14	63	52215	41.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23872	3.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	67.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	51899	3.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.60%#

Target Compounds

						Qvalue
8) Chloroethane	1.42	64	68245	15.522	ug/L #	50
13) Acetone	2.23	43	57380	59.338	ug/L #	29
14) Carbon disulfide	2.31	76	16773	0.981	ug/L	97
15) Methyl Acetate	2.23	43	57380	29.921	ug/L #	44
17) Methyl tert-butyl Ether	2.80	73	2819	0.144	ug/L #	74
21) 2-Butanone	4.05	43	7966	4.342	ug/L	99
27) 1,2-Dichloroethane	5.14	62	958	0.087	ug/L #	74
33) Benzene	5.14	78	88374	2.573	ug/L	100
35) Methylcyclohexane	6.11	83	8594	0.570	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	3909	0.486	ug/L #	81
39) cis-1,3-Dichloropropene	7.03	75	1170	0.092	ug/L	95
42) Toluene	7.43	91	83661	2.201	ug/L	95
48) 2-Hexanone	8.19	43	1943	0.640	ug/L #	66
52) Ethylbenzene	9.05	91	256476	6.030	ug/L	99
53) m,p-xylene	9.18	106	89215	5.373	ug/L	97
54) o-xylene	9.58	106	61065	3.824	ug/L	90
55) Styrene	9.59	104	7743	0.287	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082019\
Quantitation Report (Not Reviewed)

Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Quant Time: Aug 21 01:16:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration

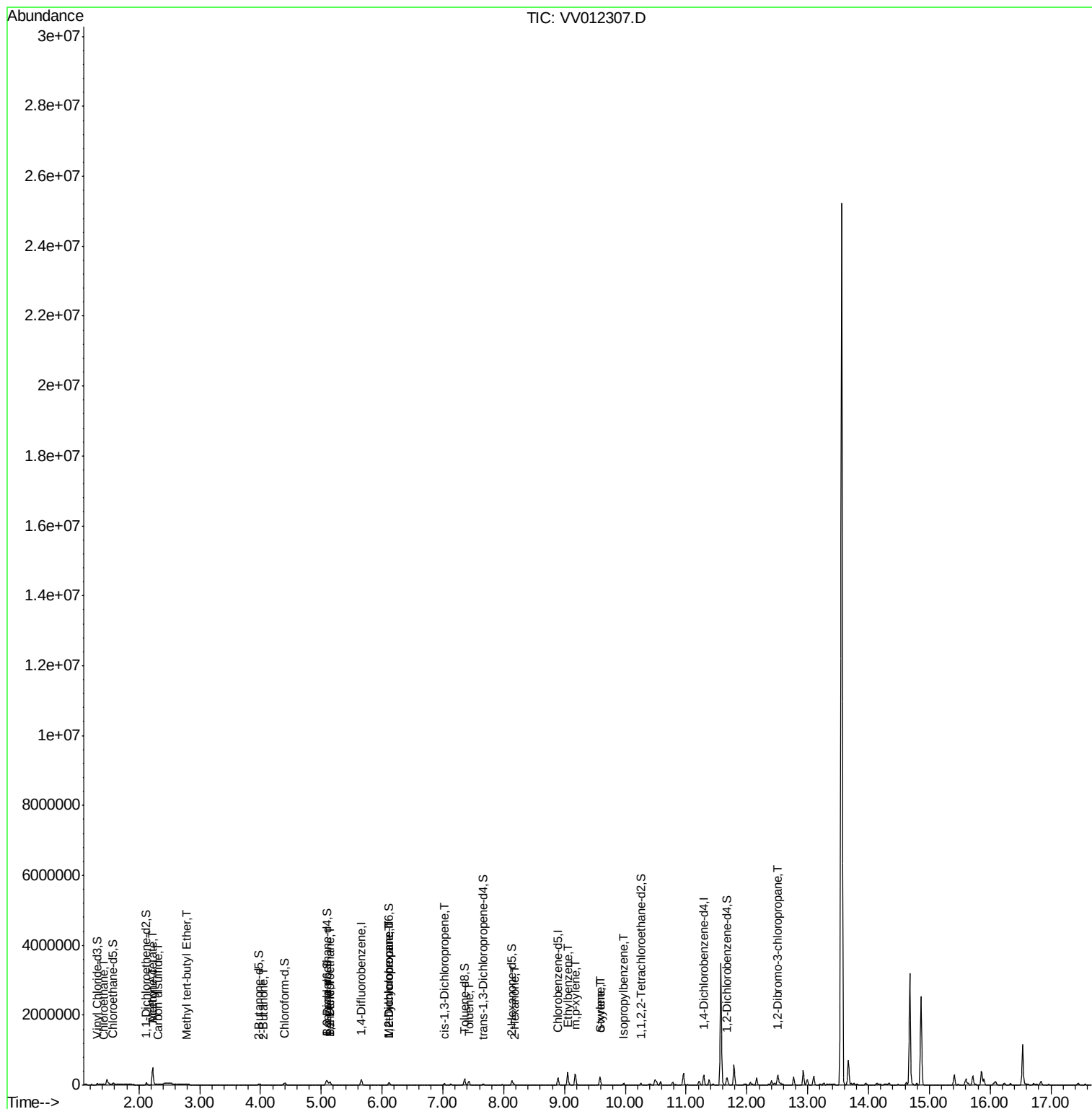
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	9.97	105	36431	0.826	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.51	75	5612	4.869	ug/L #	1

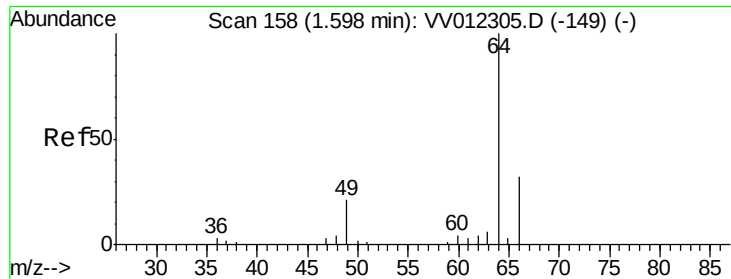
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV012307.D
Acq On : 20 Aug 2019 12:34
Operator : SY/MD
Sample : K4395-04DL 4X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Quant Time: Aug 21 01:16:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 21 01:13:54 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 15.522 ug/L

RT: 1.42 min Scan# 103

Delta R.T. -0.18 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

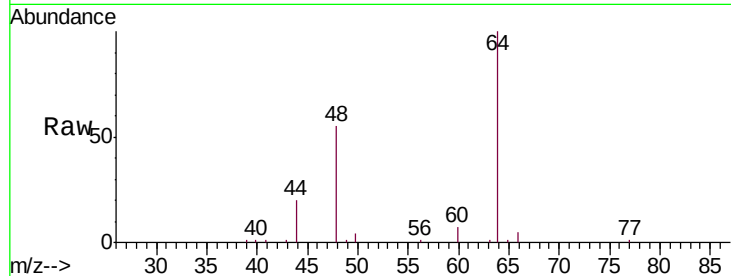
C0AE2DL

Tgt Ion: 64 Resp: 68245

Ion Ratio Lower Upper

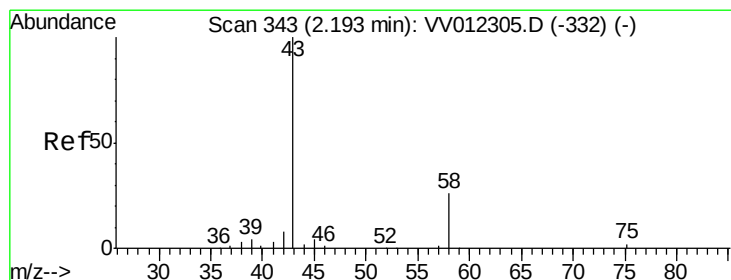
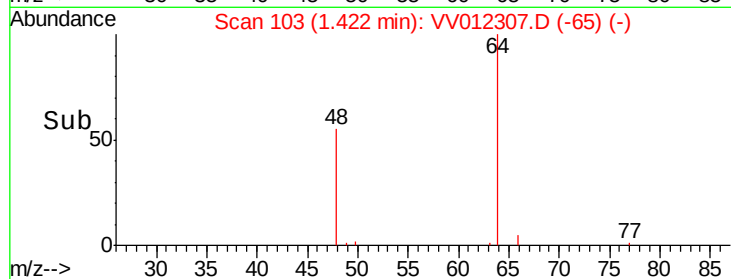
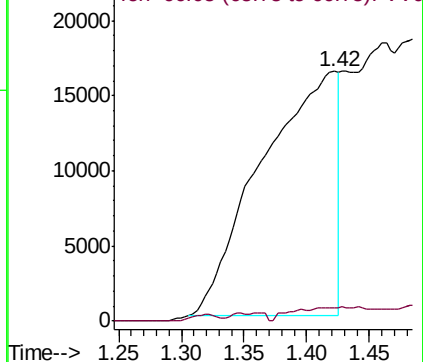
64 100

66 5.4 23.7 44.1#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 59.338 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.03 min

Lab File: VV012307.D

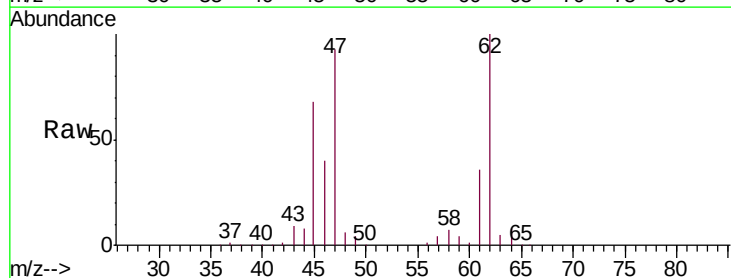
Acq: 20 Aug 2019 12:34

Tgt Ion: 43 Resp: 57380

Ion Ratio Lower Upper

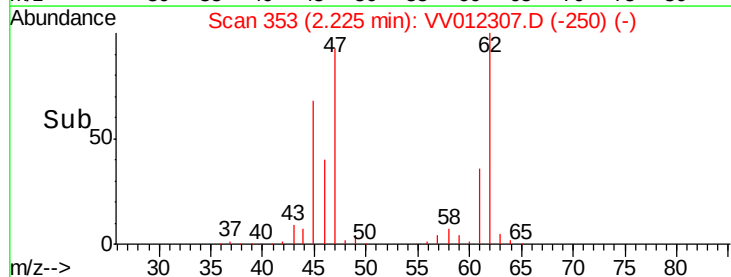
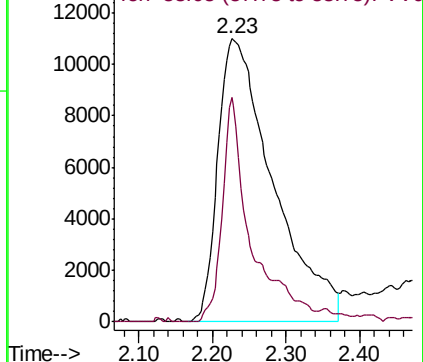
43 100

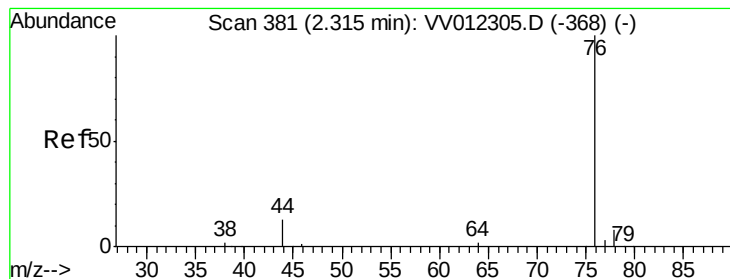
58 41.1 0.0 25.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.981 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

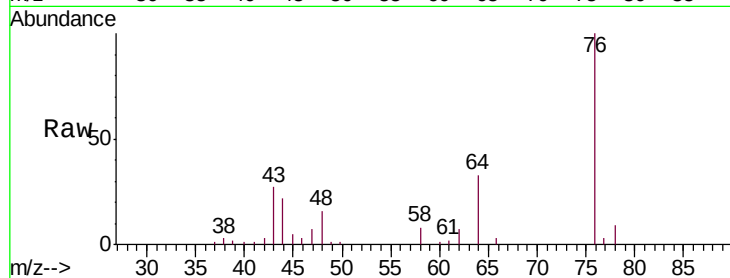
C0AE2DL

Tgt Ion: 76 Resp: 16773

Ion Ratio Lower Upper

76 100

78 9.2 8.3 12.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

12000

10000

8000

6000

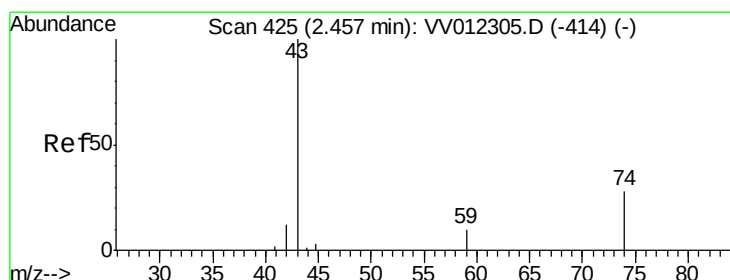
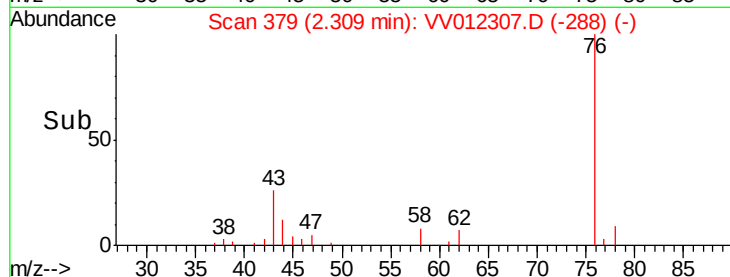
4000

2000

0

Time--> 2.25 2.30 2.35

2.31



#15

Methyl Acetate

Concen: 29.921 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.23 min

Lab File: VV012307.D

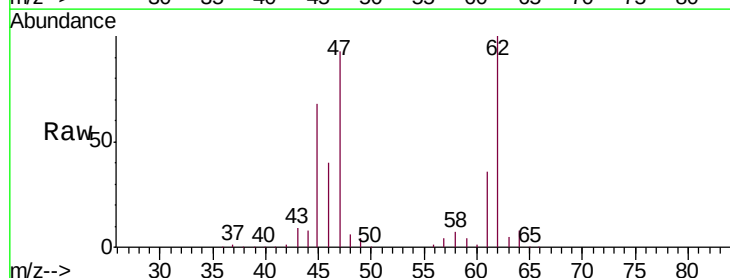
Acq: 20 Aug 2019 12:34

Tgt Ion: 43 Resp: 57380

Ion Ratio Lower Upper

43 100

74 0.0 24.9 37.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

12000

10000

8000

6000

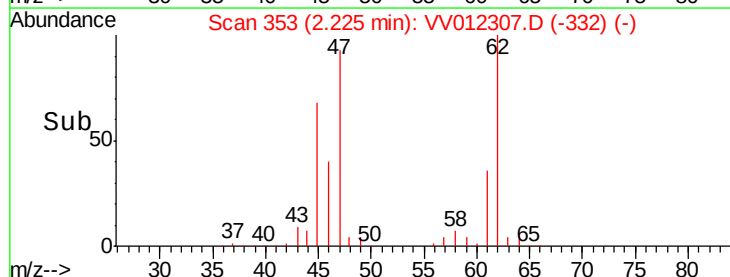
4000

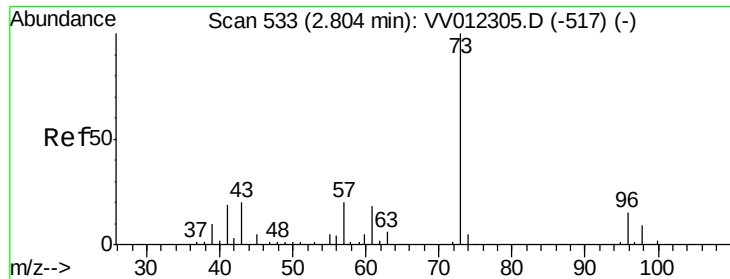
2000

0

Time--> 2.10 2.20 2.30 2.40

2.23

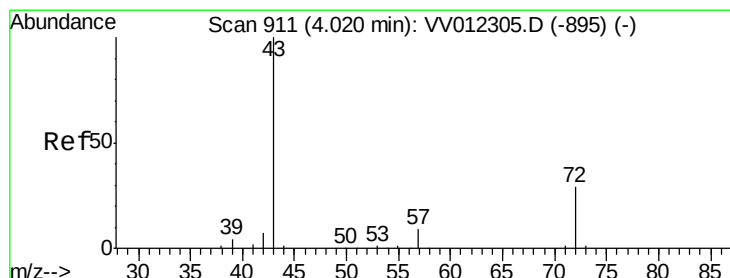
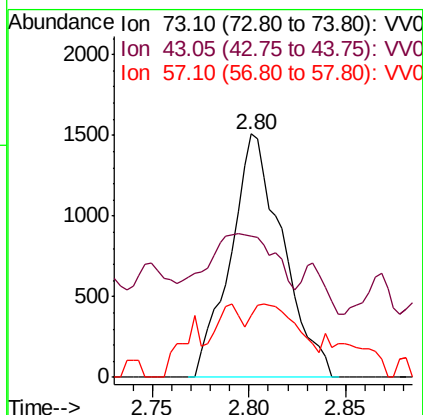
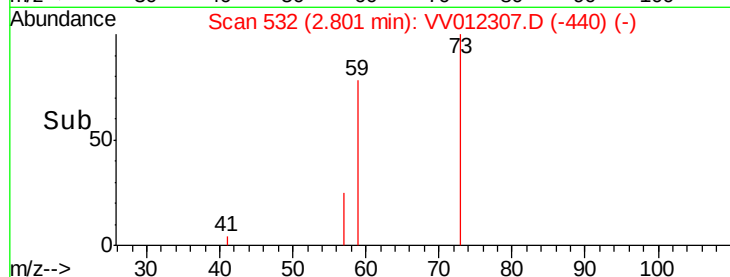
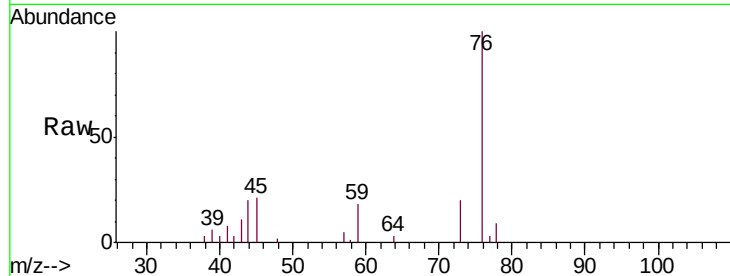




#17
Methyl tert-butyl Ether
Concen: 0.144 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

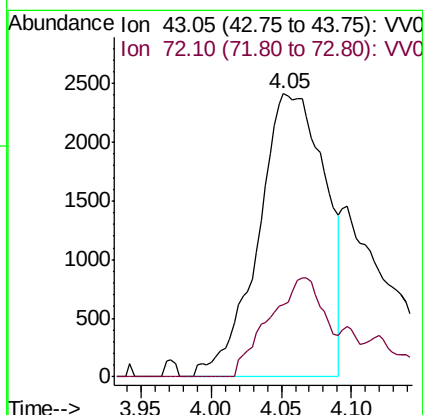
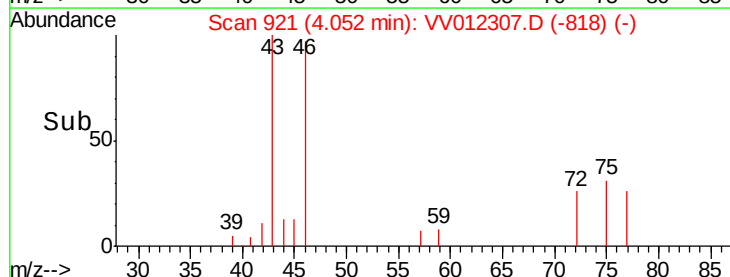
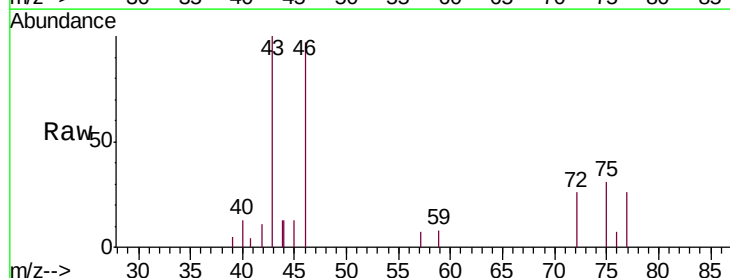
Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

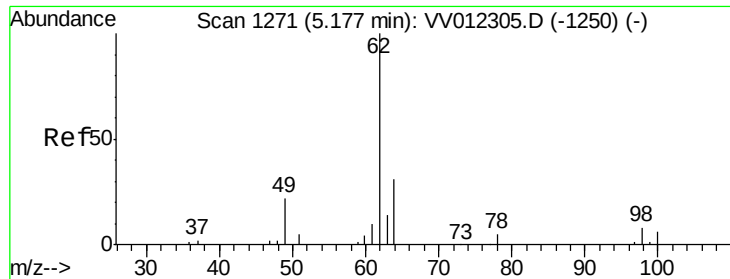
Tgt Ion: 73 Resp: 2819
Ion Ratio Lower Upper
73 100
43 0.0 17.0 25.4#
57 17.1 15.8 23.6



#21
2-Butanone
Concen: 4.342 ug/L
RT: 4.05 min Scan# 921
Delta R.T. 0.03 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Tgt Ion: 43 Resp: 7966
Ion Ratio Lower Upper
43 100
72 29.3 14.8 44.4

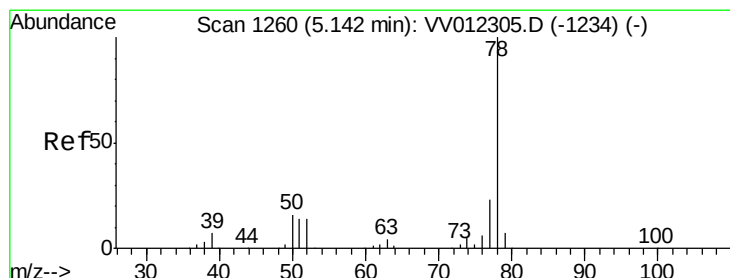
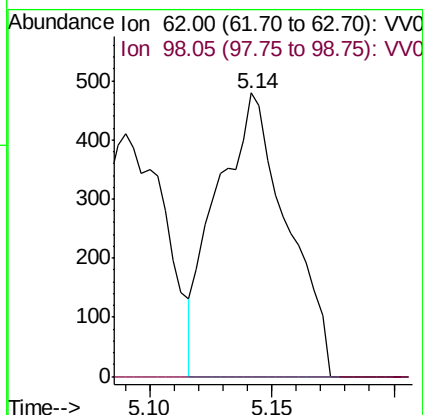
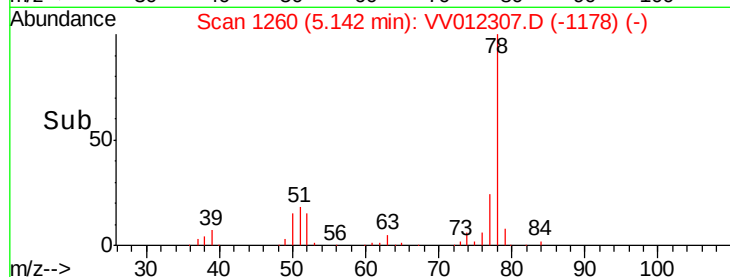
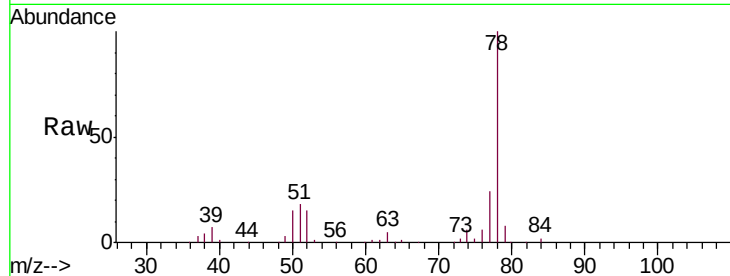




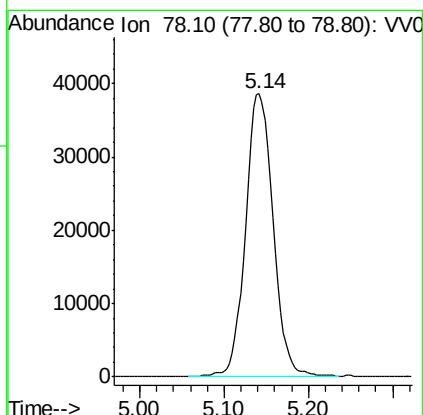
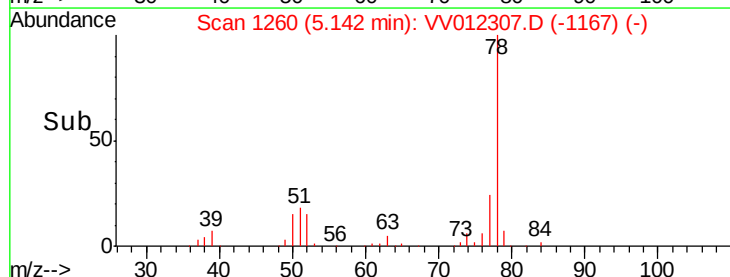
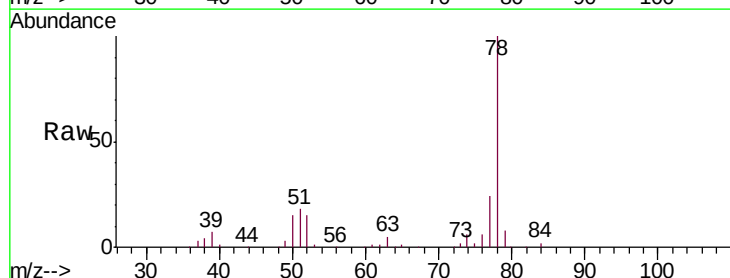
#27
1,2-Dichloroethane
Concen: 0.087 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. -0.04 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

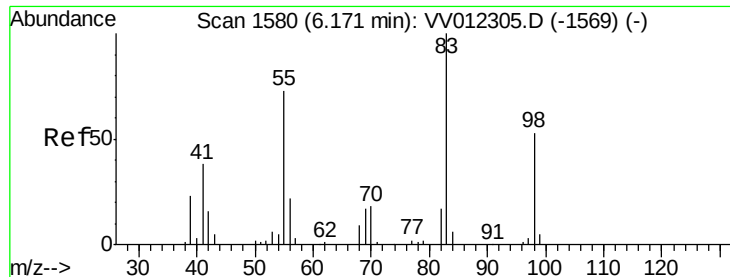
Instrument :
MSVOA_V
ClientSampled :
C0AE2DL

Tgt Ion: 62 Resp: 958
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



#33
Benzene
Concen: 2.573 ug/L
RT: 5.14 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34
Tgt Ion: 78 Resp: 88374

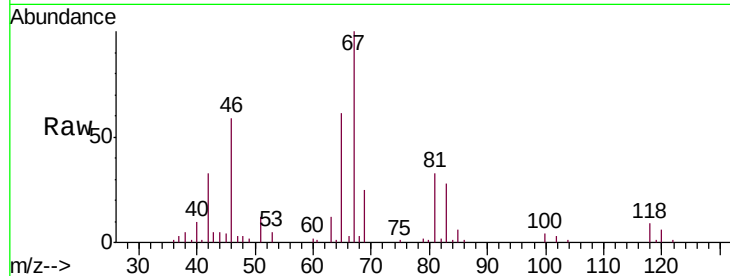




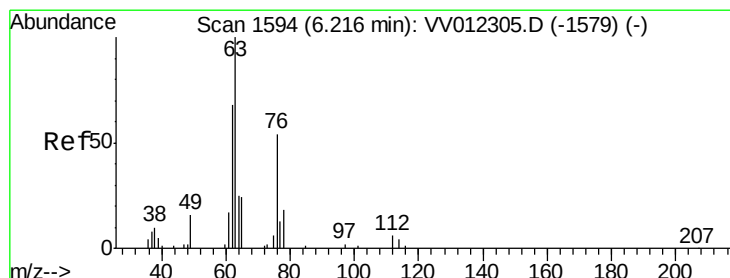
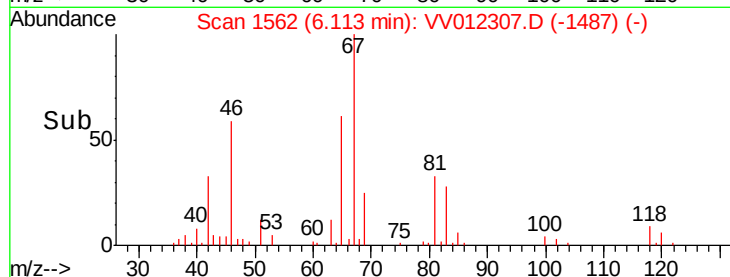
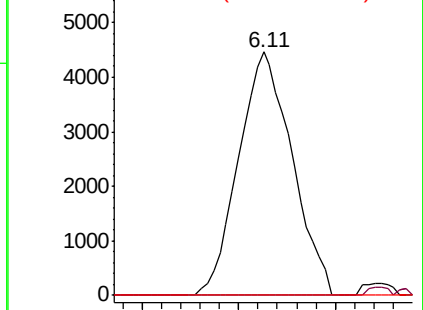
#35
Methylcyclohexane
Concen: 0.570 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Tgt Ion: 83 Resp: 8594
Ion Ratio Lower Upper
83 100
55 1.2 57.3 85.9#
98 0.3 40.3 60.5#

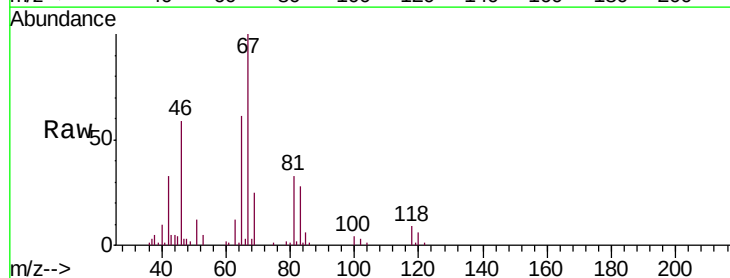


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

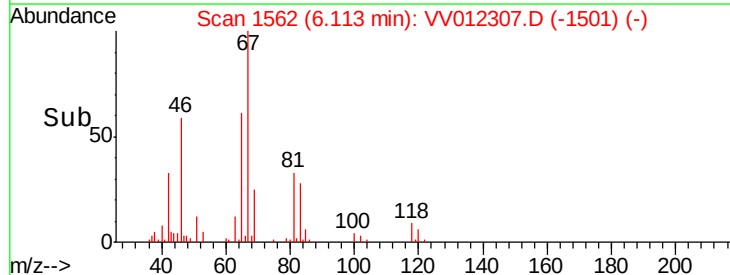
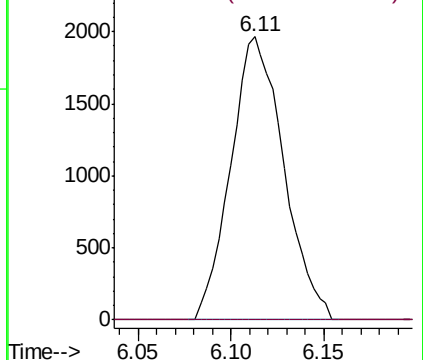


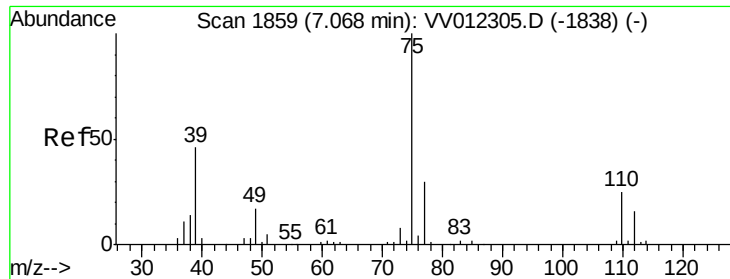
#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Tgt Ion: 63 Resp: 3909
Ion Ratio Lower Upper
63 100
112 0.0 5.1 7.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

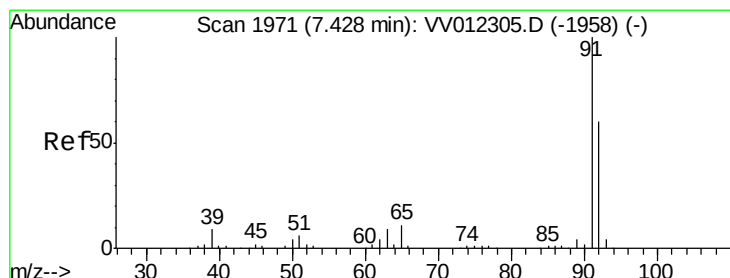
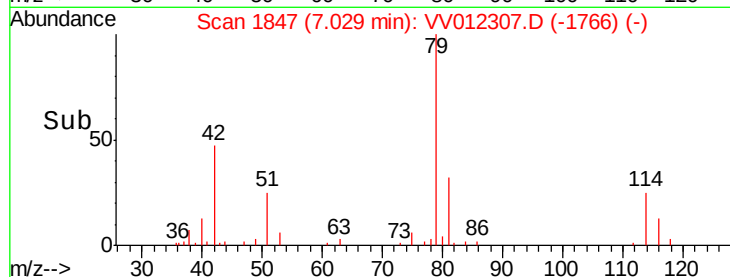
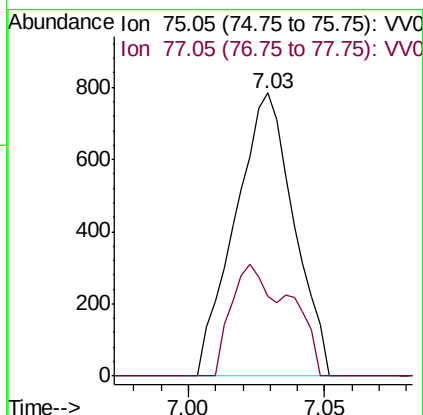
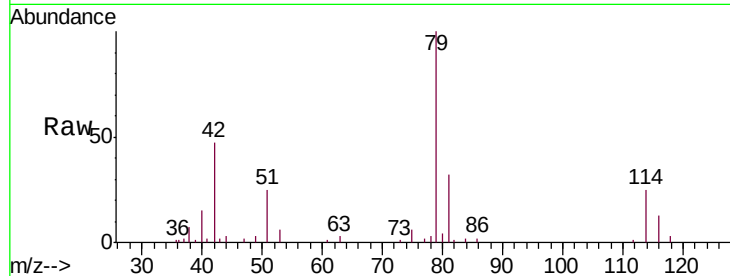




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012307.D
 Acq: 20 Aug 2019 12:34

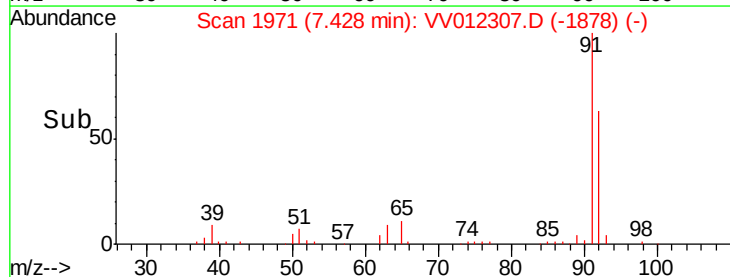
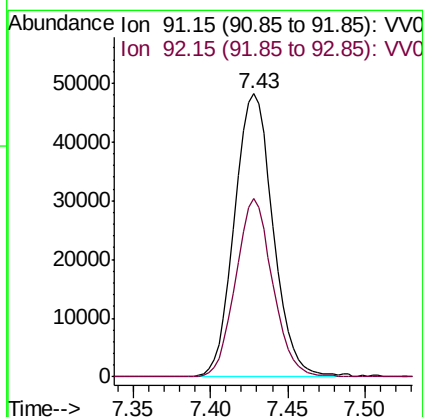
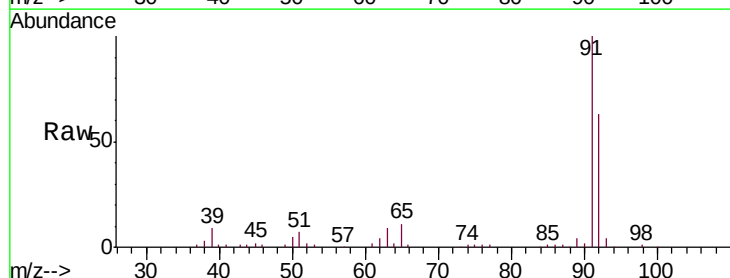
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE2DL

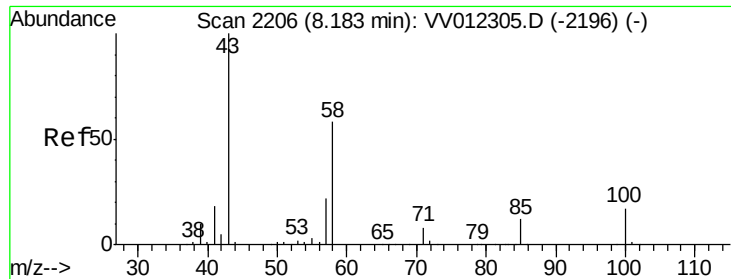
Tgt Ion: 75 Resp: 1170
 Ion Ratio Lower Upper
 75 100
 77 28.1 21.5 39.9



#42
 Toluene
 Concen: 2.201 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV012307.D
 Acq: 20 Aug 2019 12:34

Tgt Ion: 91 Resp: 83661
 Ion Ratio Lower Upper
 91 100
 92 63.1 41.6 77.3

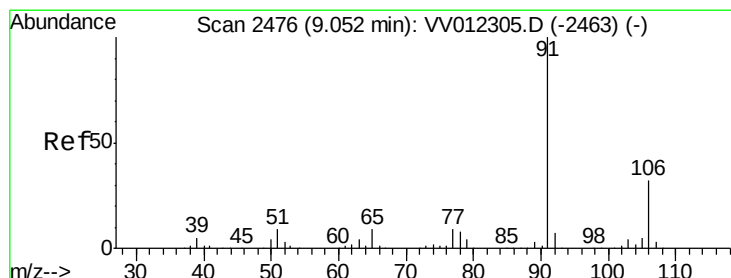
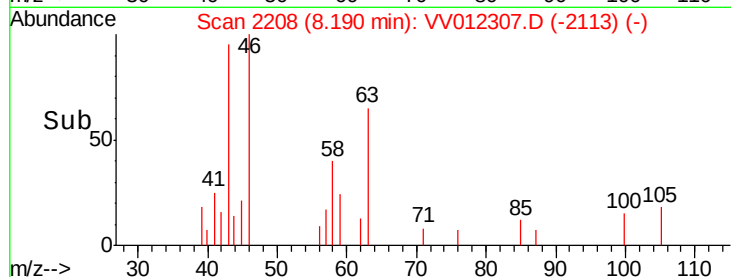
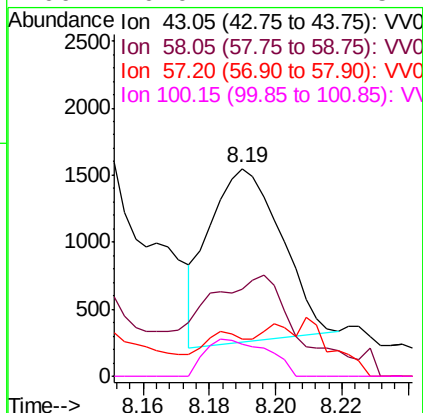
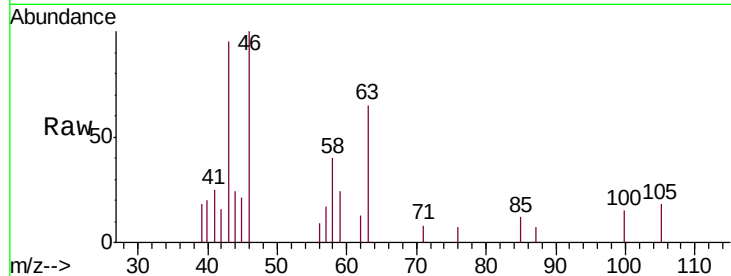




#48
2-Hexanone
Concen: 0.640 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.01 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

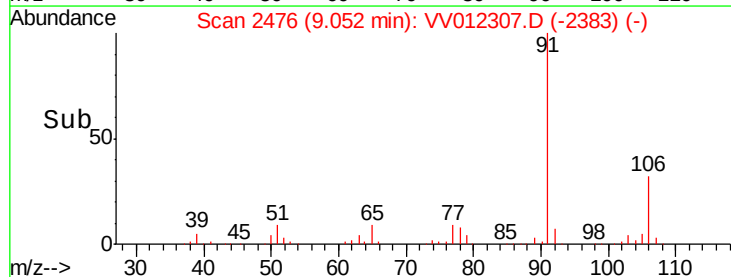
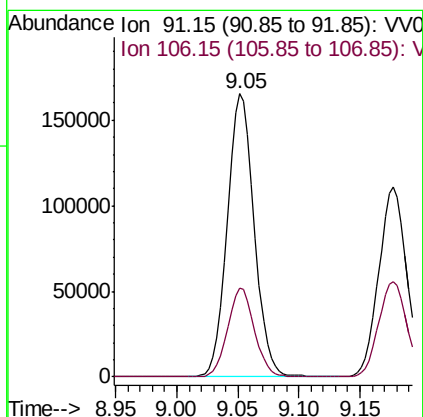
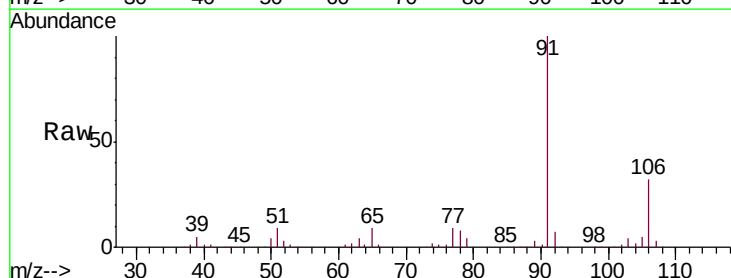
Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

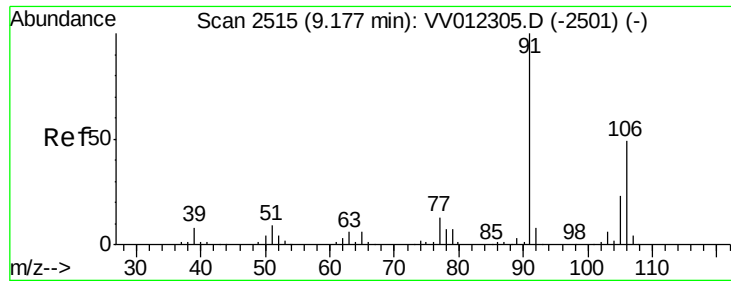
Tgt Ion: 43 Resp: 1943
Ion Ratio Lower Upper
43 100
58 79.8 45.4 68.2#
57 3.1 16.8 25.2#
100 0.0 12.2 18.2#



#52
Ethylbenzene
Concen: 6.030 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Tgt Ion: 91 Resp: 256476
Ion Ratio Lower Upper
91 100
106 31.5 21.6 40.0

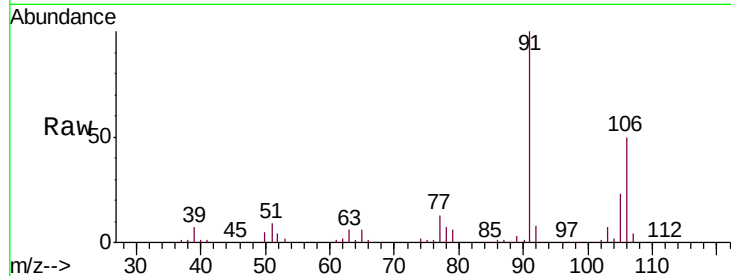




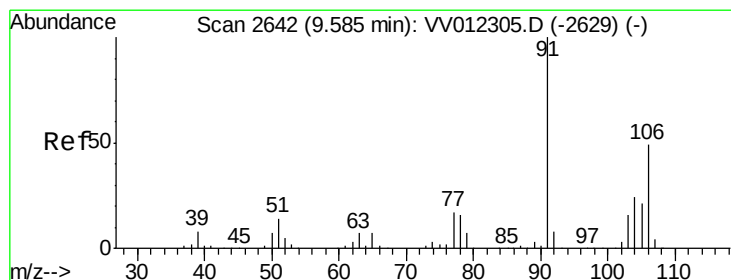
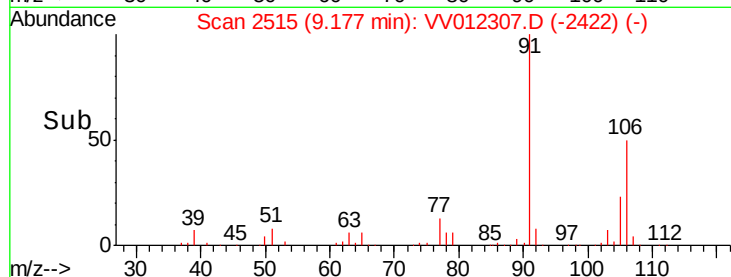
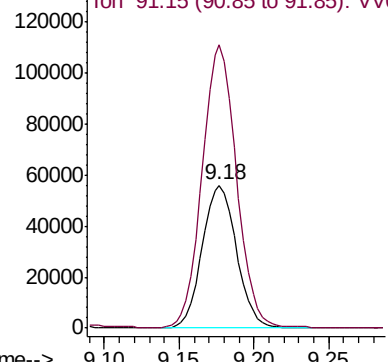
#53
m,p-xylene
Concen: 5.373 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Instrument :
MSVOA_V
ClientSampleId :
C0AE2DL

Tgt Ion:106 Resp: 89215
Ion Ratio Lower Upper
106 100
91 198.3 136.0 252.6

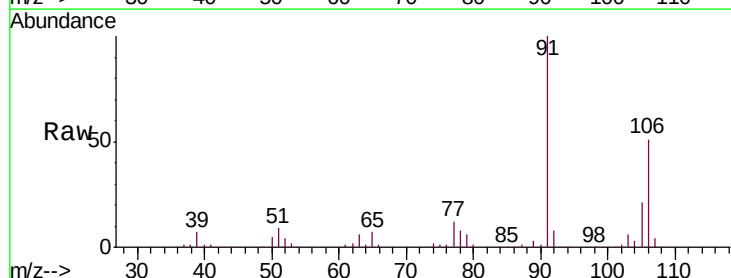


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

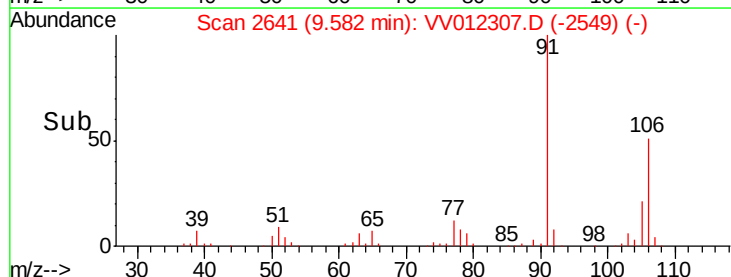
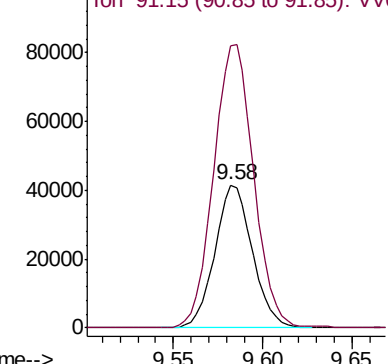


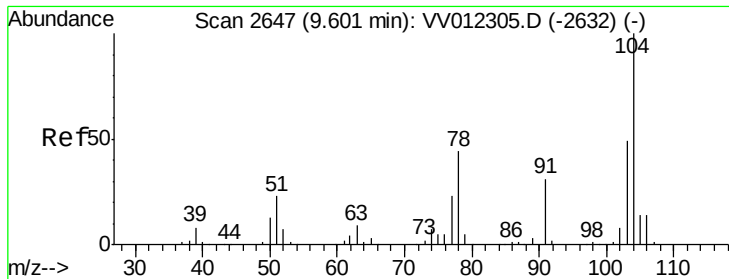
#54
o-xylene
Concen: 3.824 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. -0.00 min
Lab File: VV012307.D
Acq: 20 Aug 2019 12:34

Tgt Ion:106 Resp: 61065
Ion Ratio Lower Upper
106 100
91 197.0 148.7 276.1



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





#55

Styrene

Concen: 0.287 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. -0.01 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

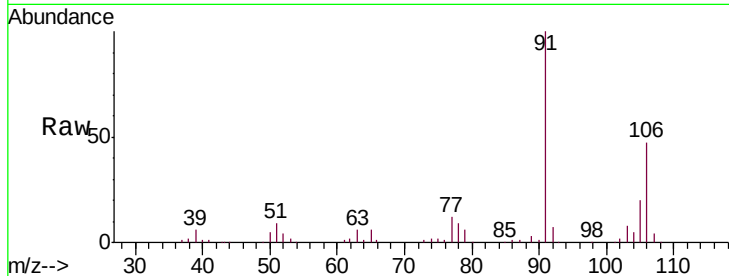
C0AE2DL

Tgt Ion:104 Resp: 7743

Ion Ratio Lower Upper

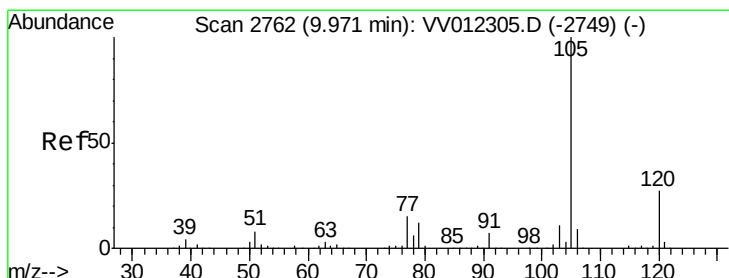
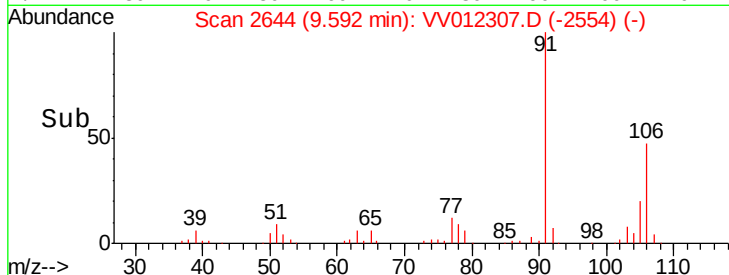
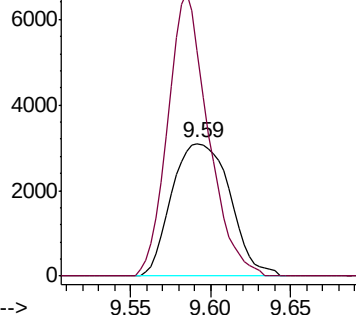
104 100

78 170.1 30.8 57.2#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 0.826 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

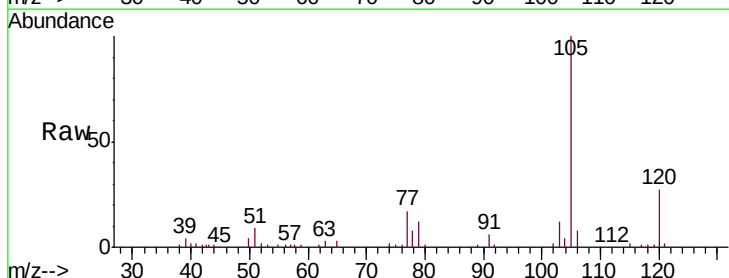
Tgt Ion:105 Resp: 36431

Ion Ratio Lower Upper

105 100

120 26.9 21.4 32.0

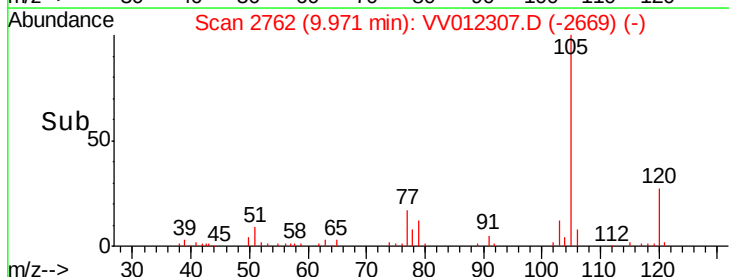
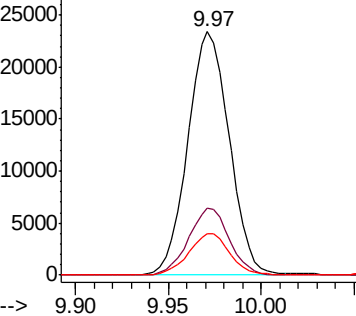
77 16.9 12.2 18.2

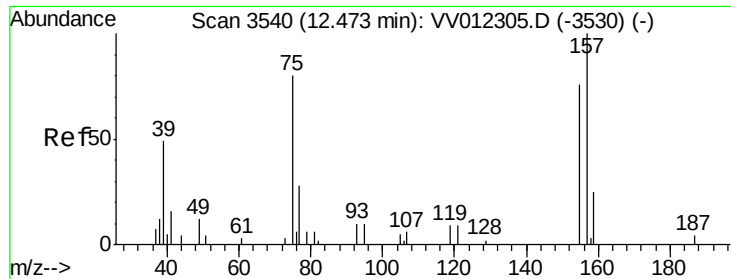


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#66

1,2-Dibromo-3-chloropropane

Concen: 4.869 ug/L

RT: 12.51 min Scan# 3551

Delta R.T. 0.04 min

Lab File: VV012307.D

Acq: 20 Aug 2019 12:34

Instrument :

MSVOA_V

ClientSampleId :

C0AE2DL

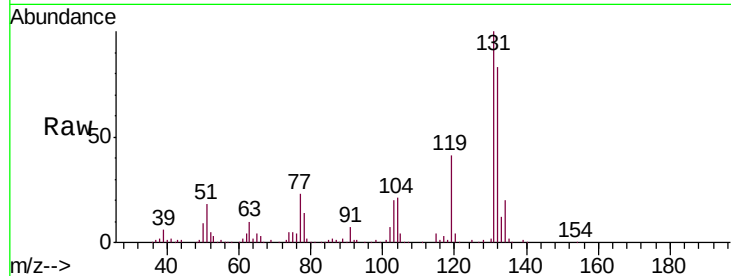
Tgt Ion: 75 Resp: 5612

Ion Ratio Lower Upper

75 100

155 0.0 68.4 102.6#

157 0.0 92.6 139.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

