

Data File : VV013911.D
Acq On : 05 Dec 2019 12:44
Operator : SY/MD
Sample : K6165-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBBY8

Quant Time: Dec 06 04:09:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	656795	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	619089	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	302889	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	153808	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.98%
7) Chloroethane-d5	1.56	69	171290	43.20	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.12	63	343655	40.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.82%
21) 2-Butanone-d5	3.91	46	255159	95.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.39	84	371400	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.07	65	240961	47.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.34%
32) Benzene-d6	5.09	84	740472	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.11	67	223015	46.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.62%
41) Toluene-d8	7.35	98	666671	45.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.18%
43) trans-1,3-Dichloropropene-	7.66	79	104867	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
47) 2-Hexanone-d5	8.12	63	157852	87.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.79%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	304249	43.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.26%
64) 1,2-Dichlorobenzene-d4	11.67	152	293106	49.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.54%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	229791	41.209	ug/L	97
8) Chloroethane	1.58	64	210042	56.610	ug/L	99
12) 1,1-Dichloroethene	2.13	96	158851	33.292	ug/L	97
13) Acetone	2.18	43	8330	2.126	ug/L	99
14) Carbon disulfide	2.31	76	633134	50.317	ug/L	99
15) Methyl Acetate	2.45	43	282200	58.441	ug/L	99
16) Methylene chloride	2.53	84	156233	31.443	ug/L	95
18) Methyl tert-butyl Ether	2.79	73	558143	41.210	ug/L	100
19) 1,1-Dichloroethane	3.22	63	179873	21.392	ug/L	97
20) cis-1,2-Dichloroethene	3.95	96	101620	20.106	ug/L	99
27) 1,2-Dichloroethane	5.17	62	386368	59.649	ug/L	99
30) 1,1,1-Trichloroethane	4.65	97	299493	40.073	ug/L	99
31) Carbon tetrachloride	4.65	117	41599	6.231	ug/L	98
34) Trichloroethene	5.95	95	336242	67.999	ug/L	100
37) 1,2-Dichloropropane	6.21	63	107413	24.072	ug/L	100
40) 4-Methyl-2-pentanone	7.26	43	268119	46.209	ug/L	99
42) Toluene	7.42	91	578390	30.406	ug/L	99

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QLast Update : Fri Dec 06 04:06:40 2019
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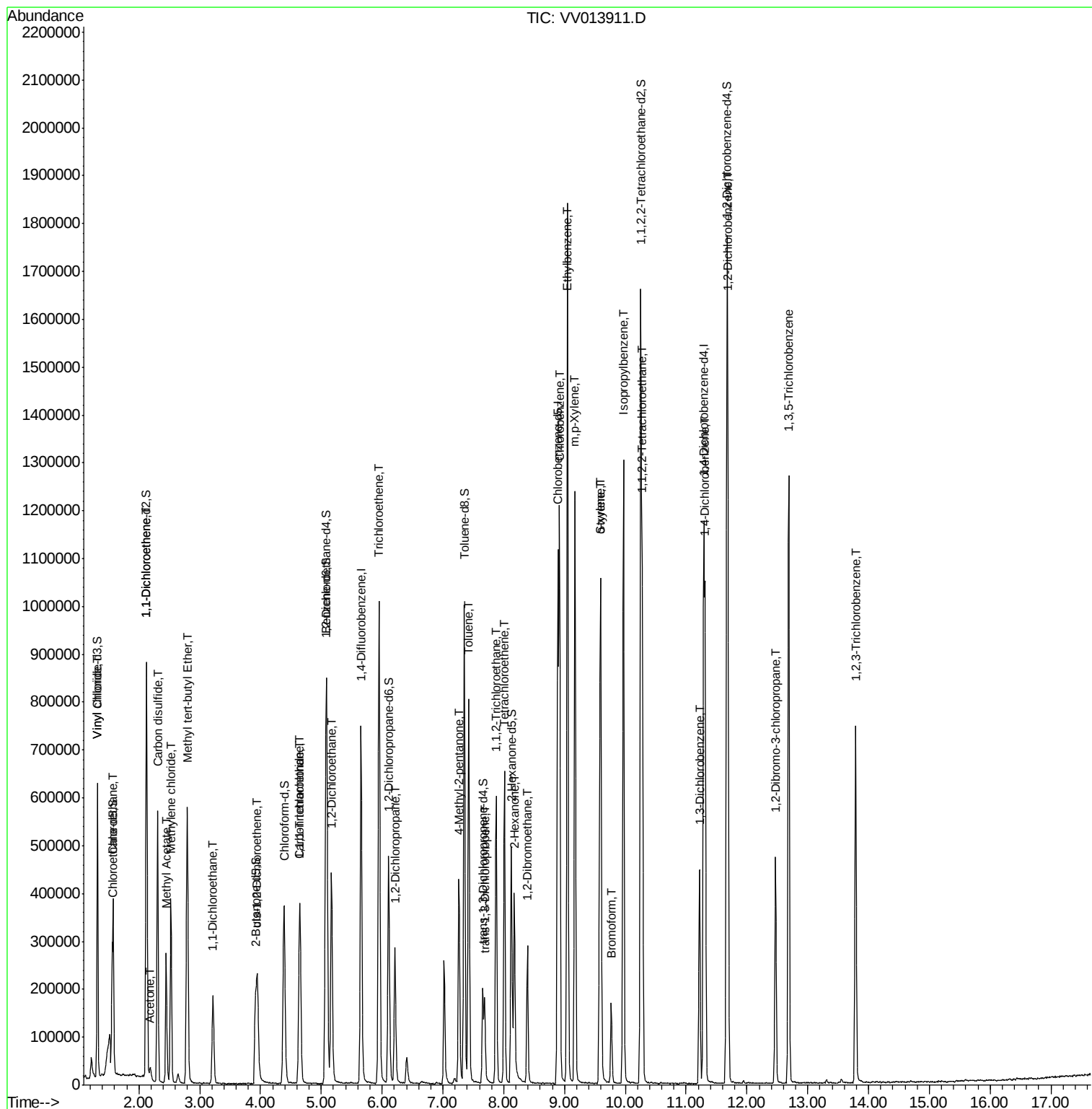
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.69	75	98401	15.469	ug/L	100
45) 1,1,2-Trichloroethane	7.87	97	180279	40.703	ug/L	99
46) Tetrachloroethene	8.01	164	161499	36.194	ug/L	94
48) 2-Hexanone	8.17	43	223307	48.110	ug/L	99
50) 1,2-Dibromoethane	8.39	107	188176	38.567	ug/L	99
51) Chlorobenzene	8.92	112	642005	48.920	ug/L	99
52) Ethylbenzene	9.05	91	1253856	59.792	ug/L	100
53) m,p-Xylene	9.17	106	336651	41.514	ug/L	99
54) o-xylene	9.58	106	156268	19.709	ug/L	98
55) Styrene	9.60	104	438144	32.029	ug/L	99
56) Isopropylbenzene	9.97	105	828621	38.880	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	438858	60.864	ug/L	98
61) Bromoform	9.77	173	79317	21.407	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	194553	19.576	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	400907	39.019	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	634386	63.812	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	109908	79.550	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	434107	53.787	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	257120	33.762	ug/L	100

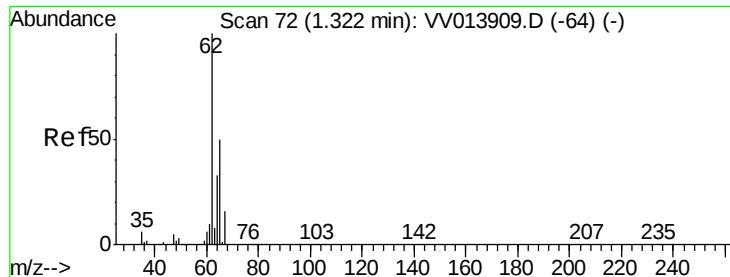
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 41.209 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

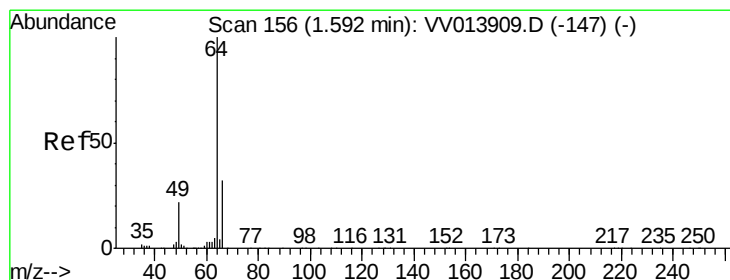
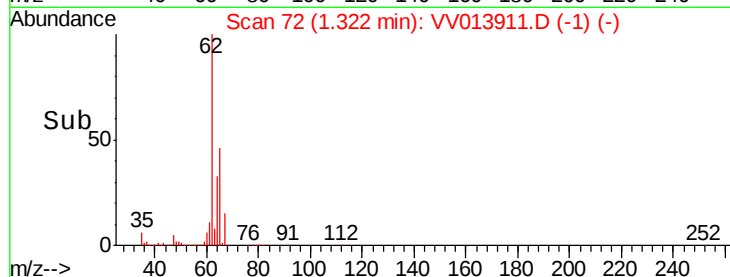
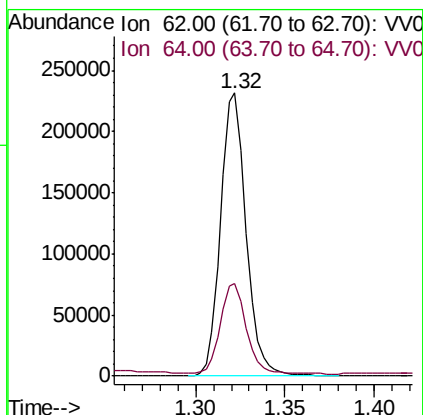
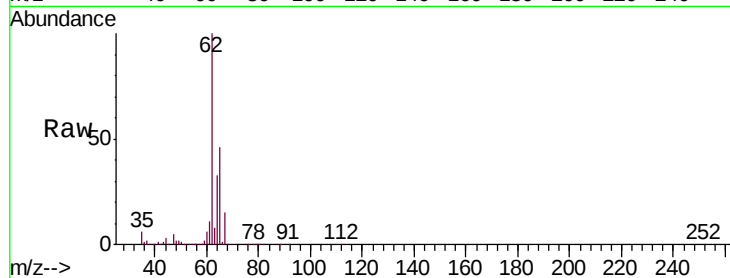
DBBY8

Tgt Ion: 62 Resp: 229791

Ion Ratio Lower Upper

62 100

64 32.7 24.1 44.8



#8

Chloroethane

Concen: 56.610 ug/L

RT: 1.58 min Scan# 152

Delta R.T. -0.01 min

Lab File: VV013911.D

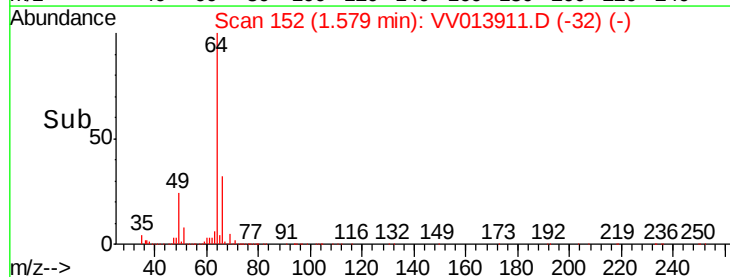
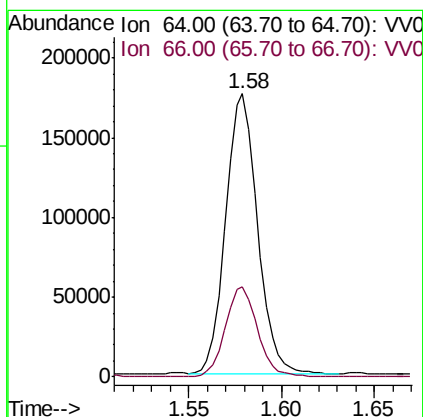
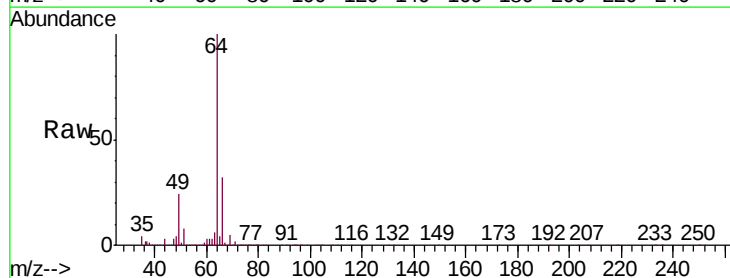
Acq: 05 Dec 2019 12:44

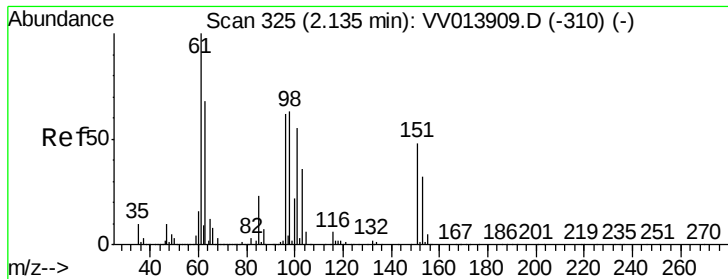
Tgt Ion: 64 Resp: 210042

Ion Ratio Lower Upper

64 100

66 31.7 22.7 42.1





#12

1,1-Dichloroethene

Concen: 33.292 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampled :

DBBY8

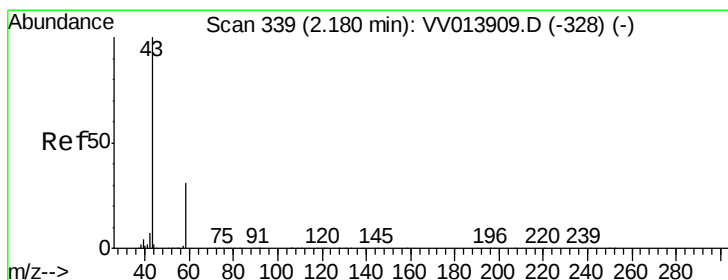
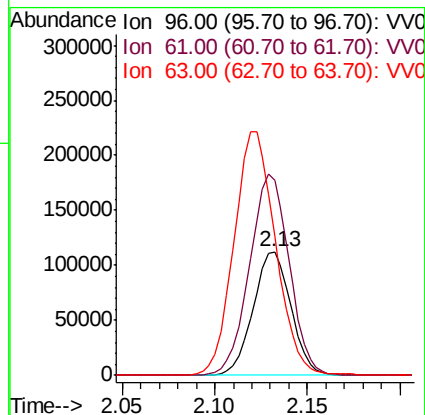
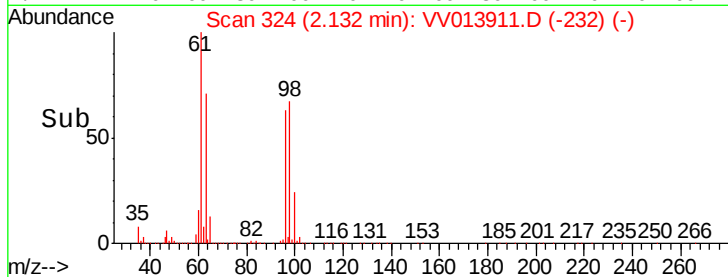
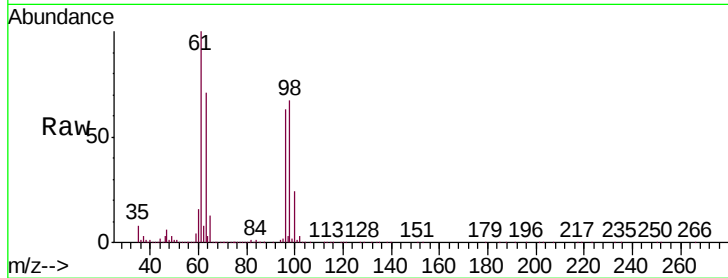
Tgt Ion: 96 Resp: 158851

Ion Ratio Lower Upper

96 100

61 158.0 114.0 211.8

63 112.7 80.3 149.1



#13

Acetone

Concen: 2.126 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013911.D

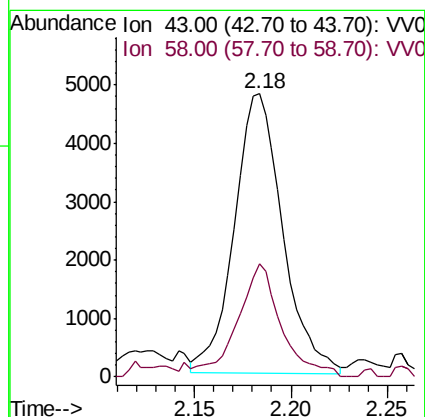
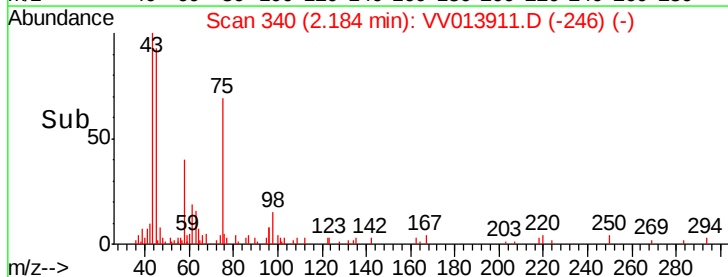
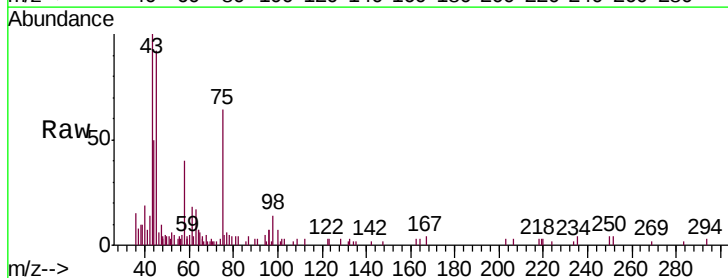
Acq: 05 Dec 2019 12:44

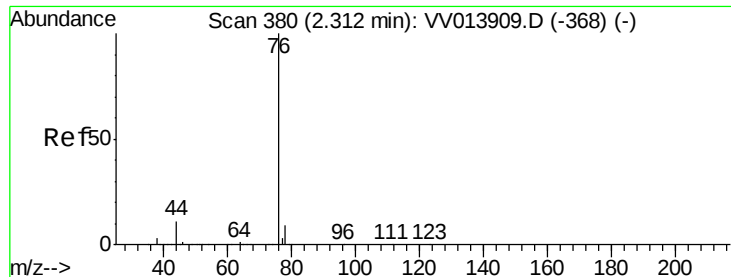
Tgt Ion: 43 Resp: 8330

Ion Ratio Lower Upper

43 100

58 29.7 0.0 60.8





#14

Carbon disulfide

Concen: 50.317 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

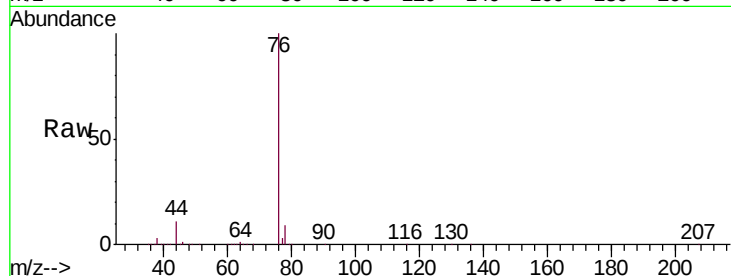
DBBY8

Tgt Ion: 76 Resp: 633134

Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV013909.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VV013909.D (-368) (-)

2.31

400000

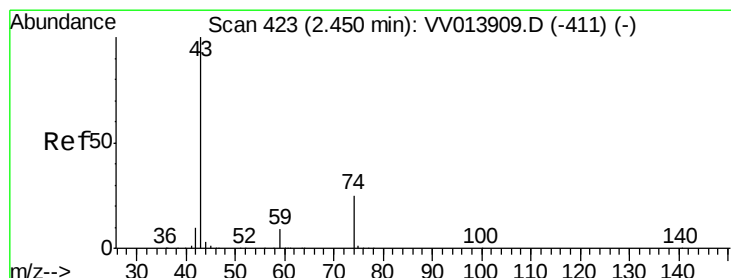
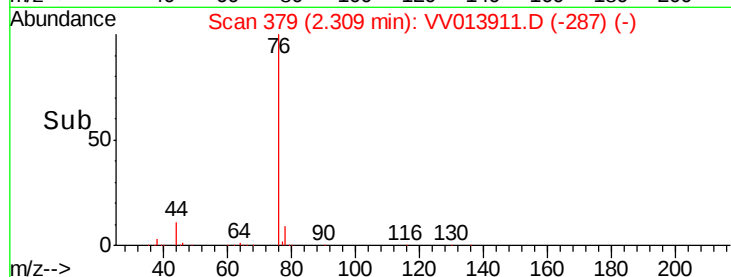
300000

200000

100000

0

Time-->



#15

Methyl Acetate

Concen: 58.441 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV013911.D

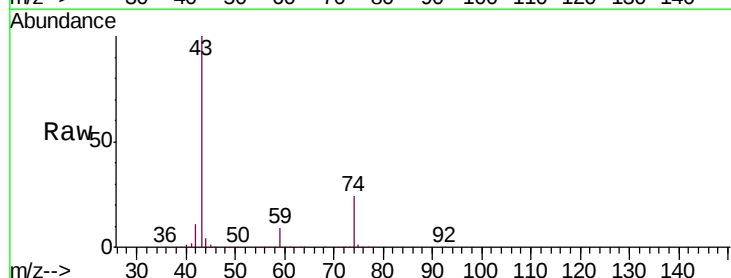
Acq: 05 Dec 2019 12:44

Tgt Ion: 43 Resp: 282200

Ion Ratio Lower Upper

43 100

74 24.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV013909.D (-411) (-)

Ion 74.00 (73.70 to 74.70): VV013909.D (-411) (-)

2.45

200000

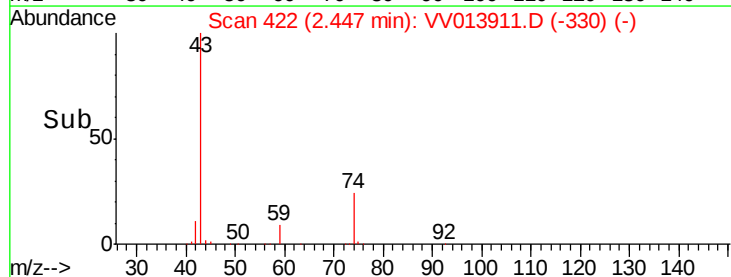
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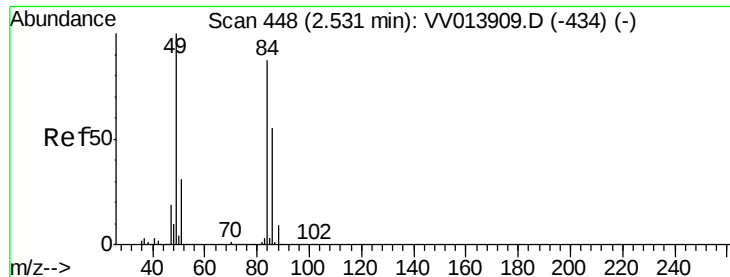
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50000

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Time-->

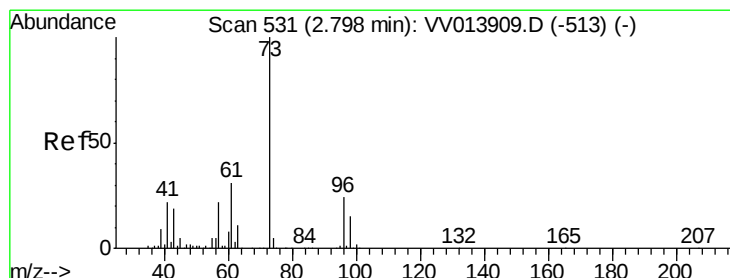
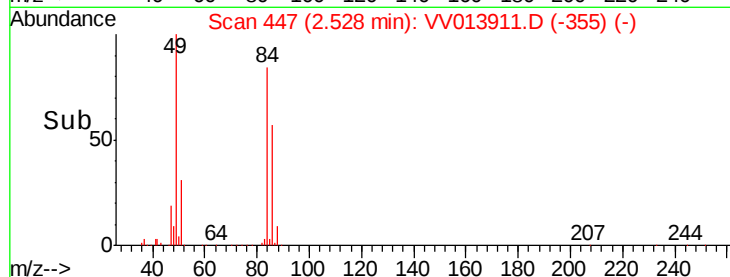
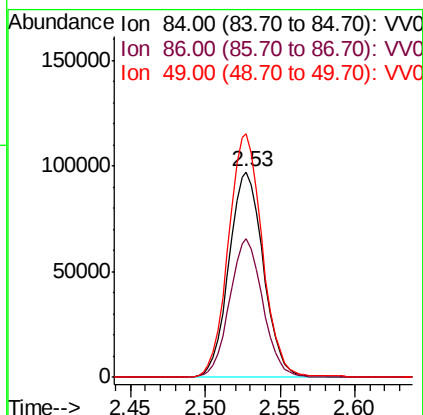
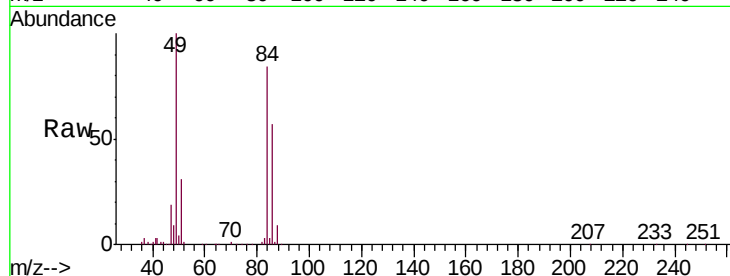




#16
Methylene chloride
Concen: 31.443 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013911.D
Acq: 05 Dec 2019 12:44

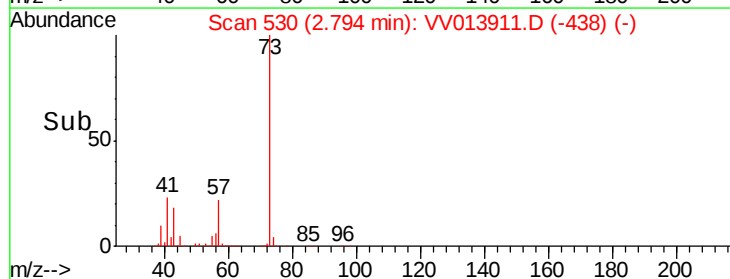
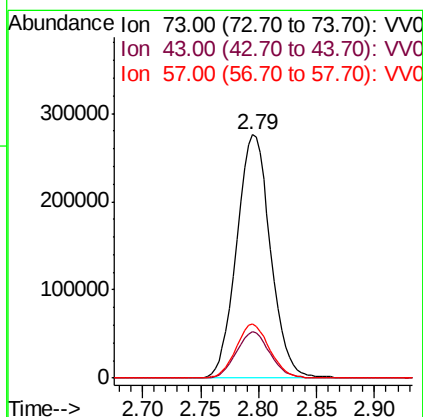
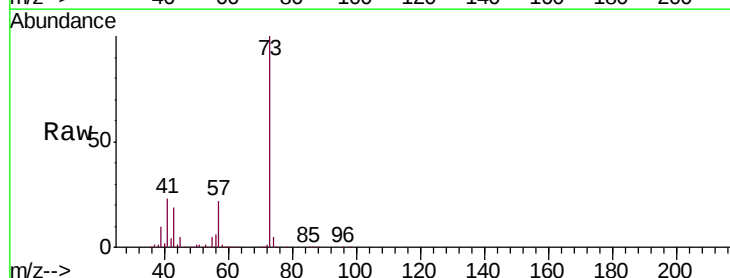
Instrument :
MSVOA_V
ClientSampled :
DBBY8

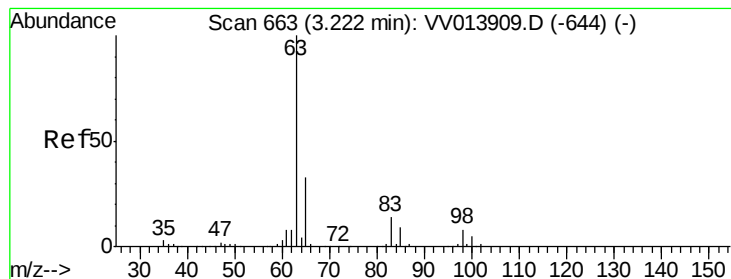
Tgt Ion: 84 Resp: 156233
Ion Ratio Lower Upper
84 100
86 67.8 43.9 81.5
49 118.6 79.7 147.9



#18
Methyl tert-butyl Ether
Concen: 41.210 ug/L
RT: 2.79 min Scan# 530
Delta R.T. -0.00 min
Lab File: VV013911.D
Acq: 05 Dec 2019 12:44

Tgt Ion: 73 Resp: 558143
Ion Ratio Lower Upper
73 100
43 18.7 15.0 22.6
57 22.1 17.4 26.2





#19

1,1-Dichloroethane

Concen: 21.392 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

DBBY8

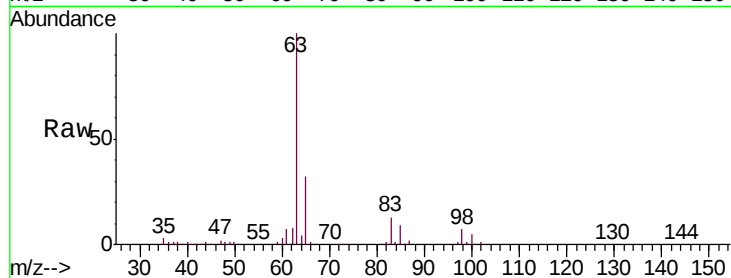
Tgt Ion: 63 Resp: 179873

Ion Ratio Lower Upper

63 100

65 32.4 21.5 39.9

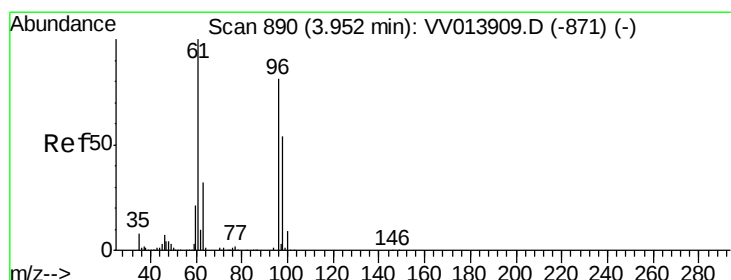
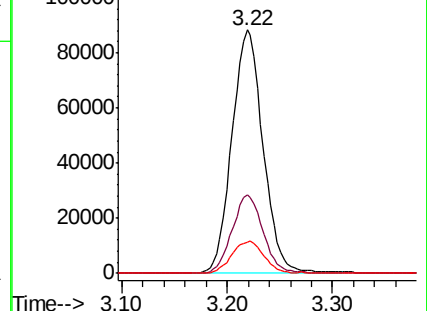
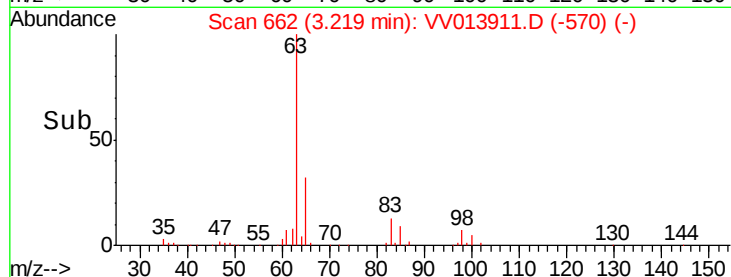
83 12.9 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VV013911.D (-570) (-)

Ion 65.00 (64.70 to 65.70): VV013911.D (-570) (-)

Ion 83.00 (82.70 to 83.70): VV013911.D (-570) (-)



#20

cis-1,2-Dichloroethene

Concen: 20.106 ug/L

RT: 3.95 min Scan# 889

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

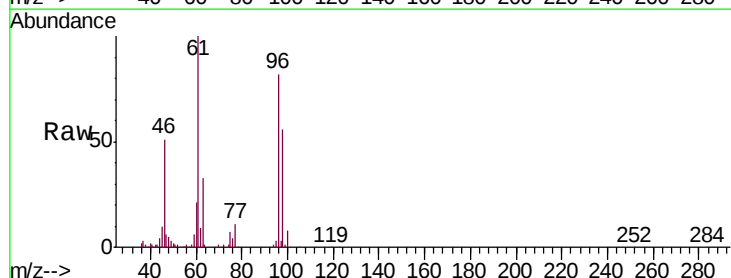
Tgt Ion: 96 Resp: 101620

Ion Ratio Lower Upper

96 100

61 122.5 85.3 158.5

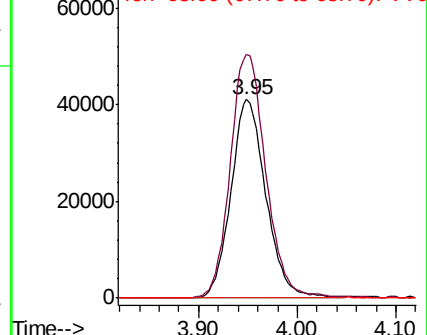
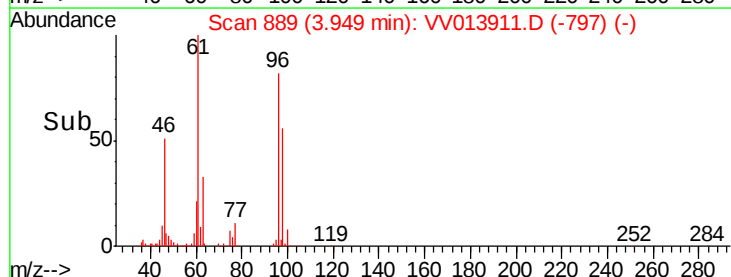
68 0.0 0.0 0.0

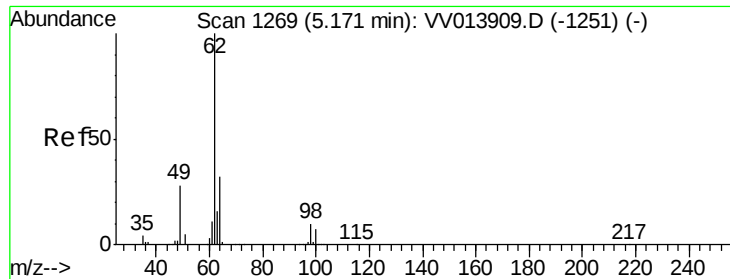


Abundance Ion 96.00 (95.70 to 96.70): VV013911.D (-797) (-)

Ion 61.00 (60.70 to 61.70): VV013911.D (-797) (-)

Ion 68.00 (67.70 to 68.70): VV013911.D (-797) (-)

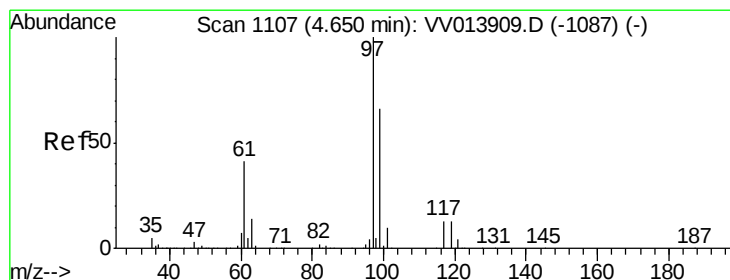
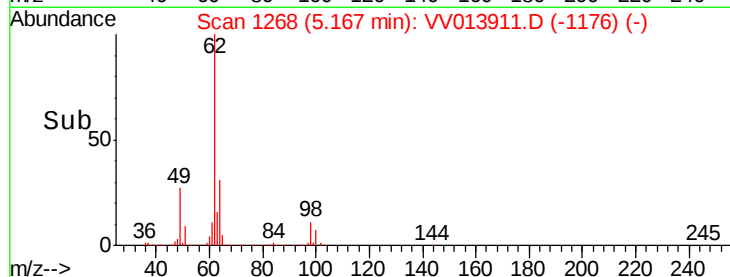
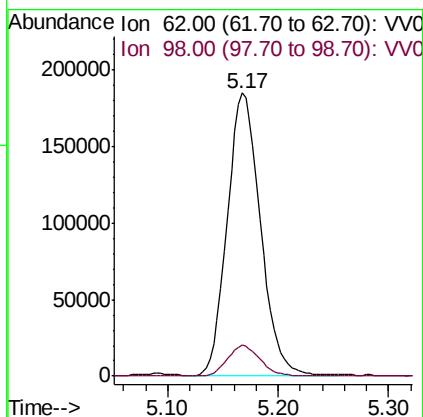
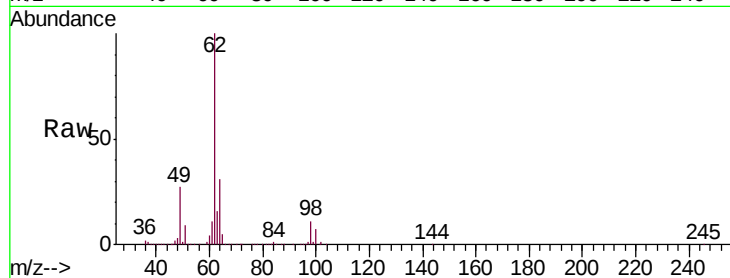




#27
 1,2-Dichloroethane
 Concen: 59.649 ug/L
 RT: 5.17 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

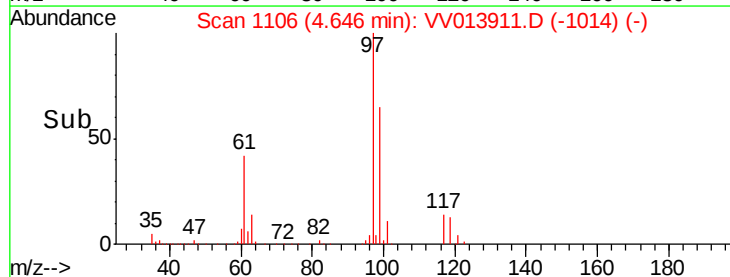
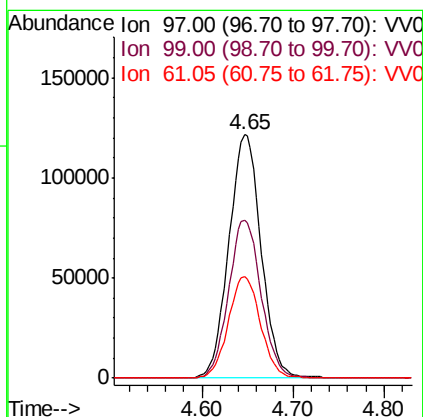
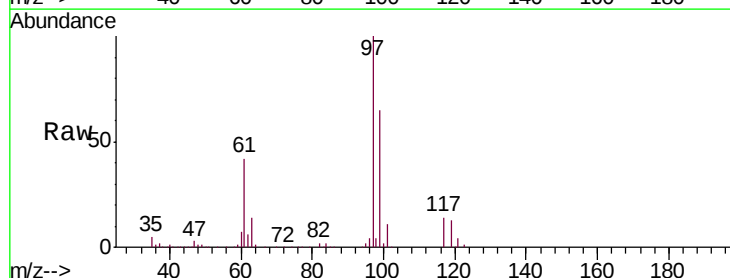
Instrument :
 MSVOA_V
 ClientSampleId :
 DBBY8

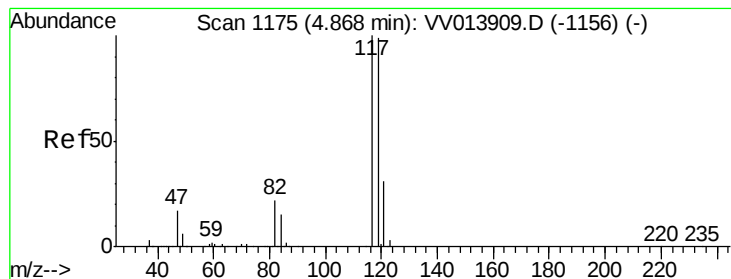
Tgt Ion: 62 Resp: 386368
 Ion Ratio Lower Upper
 62 100
 98 10.8 8.5 12.7



#30
 1,1,1-Trichloroethane
 Concen: 40.073 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Tgt Ion: 97 Resp: 299493
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.4 77.2
 61 41.8 33.2 49.8





#31

Carbon tetrachloride

Concen: 6.231 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.22 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

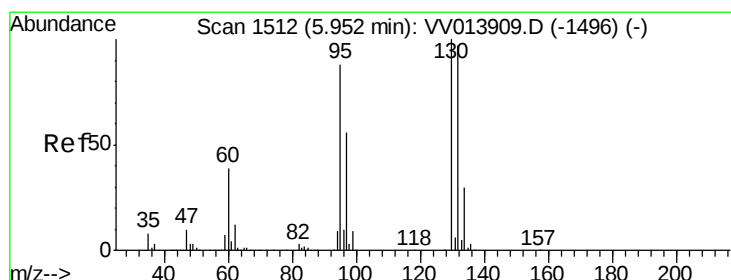
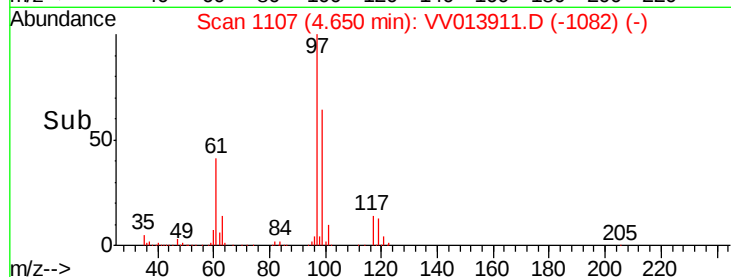
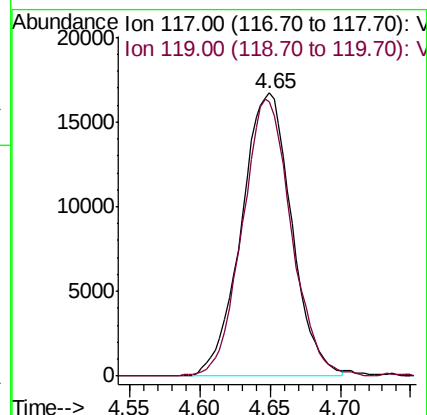
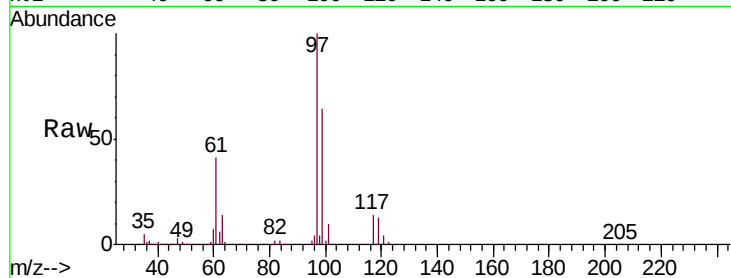
DBBY8

Tgt Ion:117 Resp: 41599

Ion Ratio Lower Upper

117 100

119 95.5 77.9 116.9



#34

Trichloroethene

Concen: 67.999 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Tgt Ion: 95 Resp: 336242

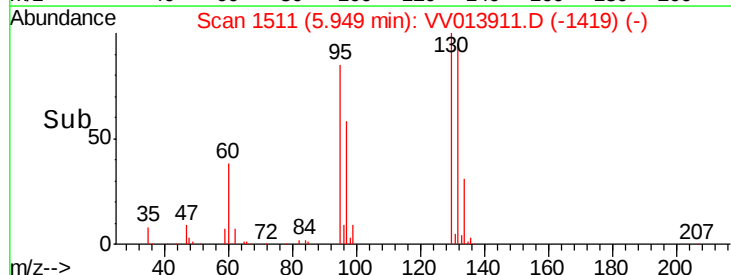
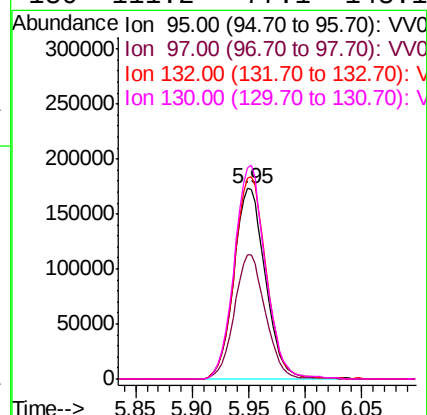
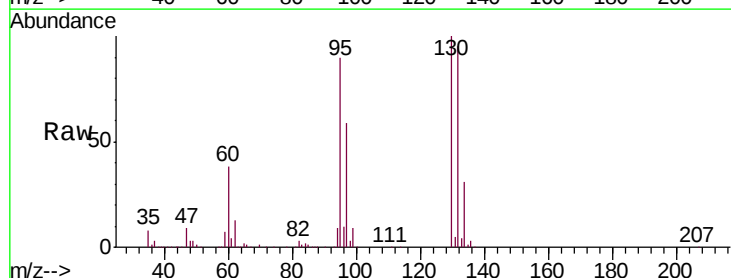
Ion Ratio Lower Upper

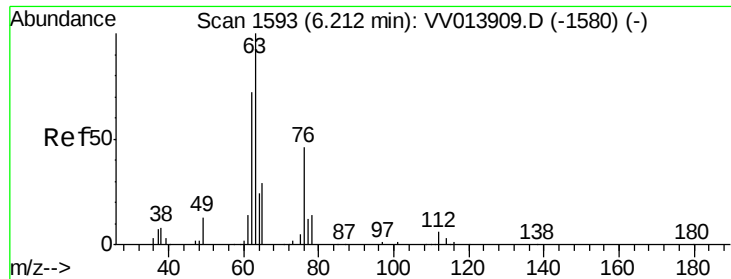
95 100

97 65.0 45.4 84.4

132 105.4 73.7 136.9

130 111.2 77.1 143.1

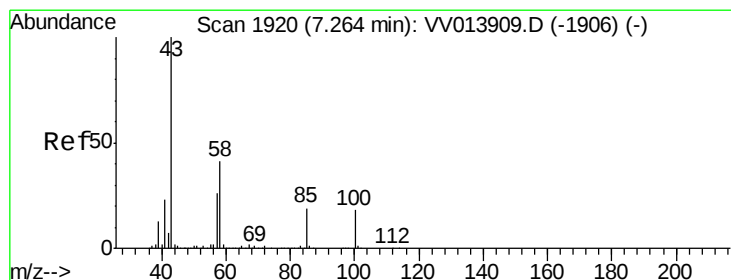
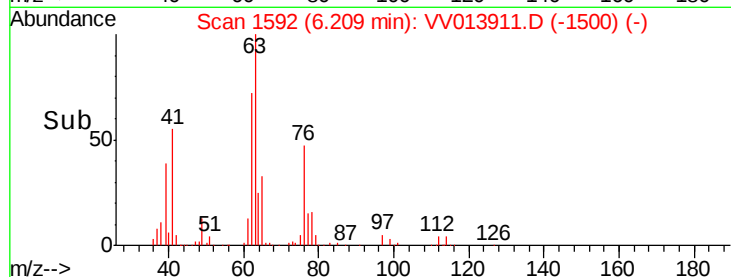
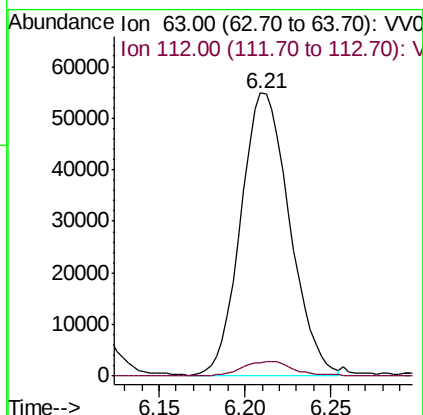
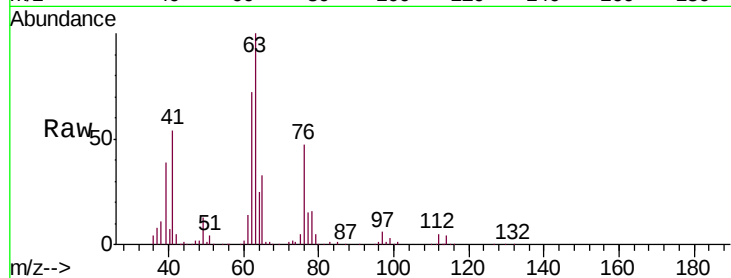




#37
 1,2-Dichloropropane
 Concen: 24.072 ug/L
 RT: 6.21 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

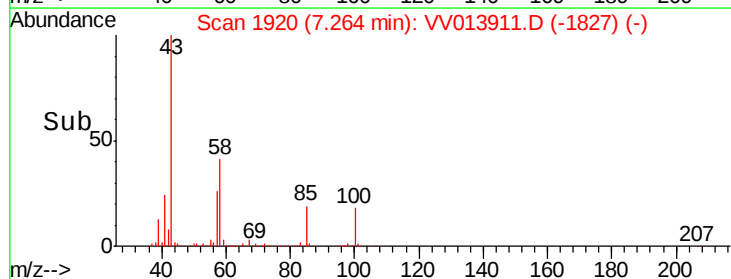
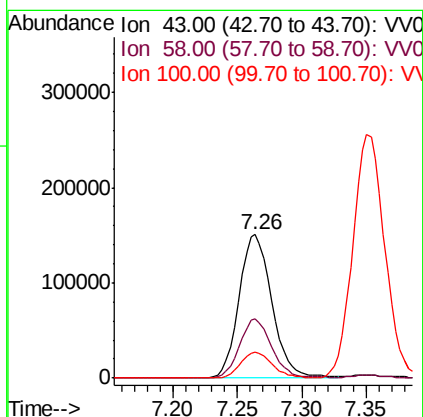
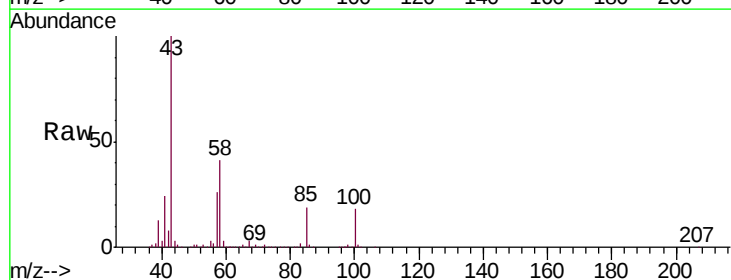
Instrument :
 MSVOA_V
 ClientSampleId :
 DBBY8

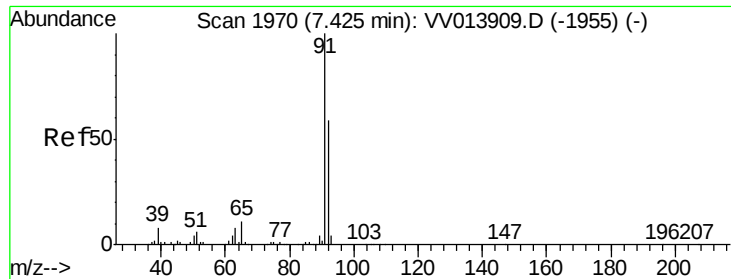
Tgt Ion: 63 Resp: 107413
 Ion Ratio Lower Upper
 63 100
 112 5.3 4.2 6.2



#40
 4-Methyl-2-pentanone
 Concen: 46.209 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Tgt Ion: 43 Resp: 268119
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.9 47.9
 100 17.5 13.7 20.5





#42

Toluene

Concen: 30.406 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

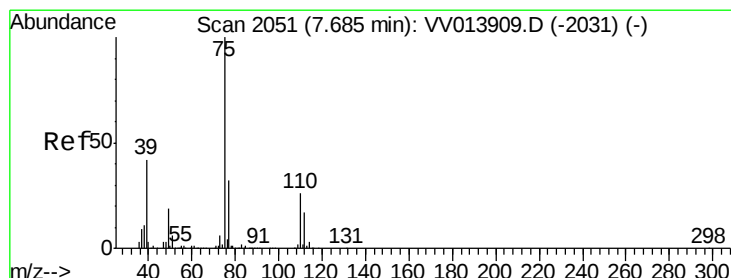
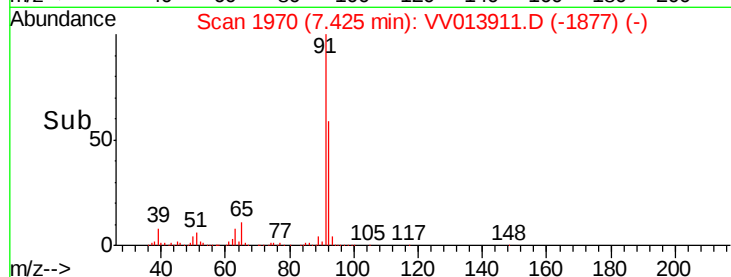
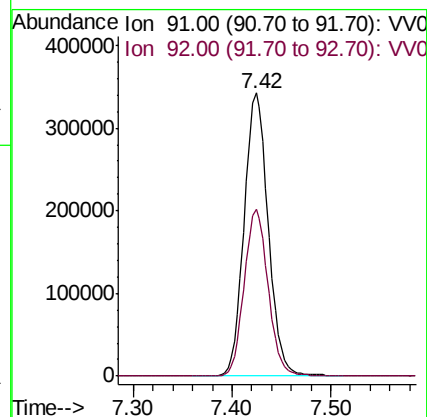
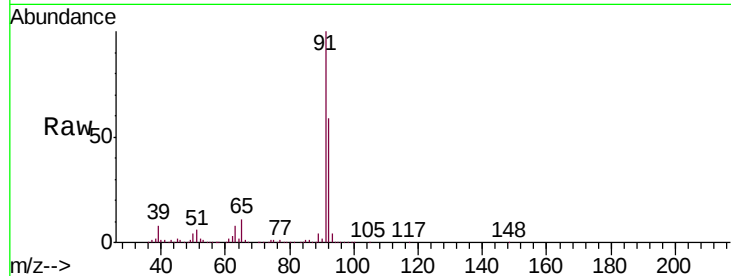
DBBY8

Tgt Ion: 91 Resp: 578390

Ion Ratio Lower Upper

91 100

92 58.8 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 15.469 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VV013911.D

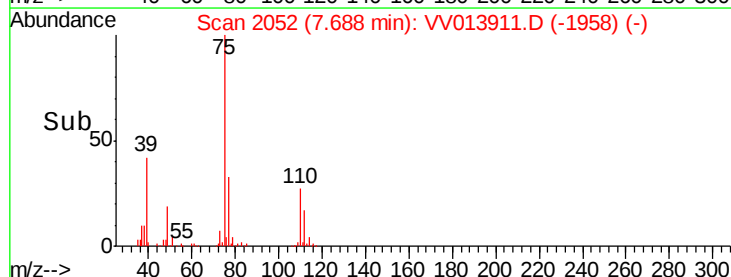
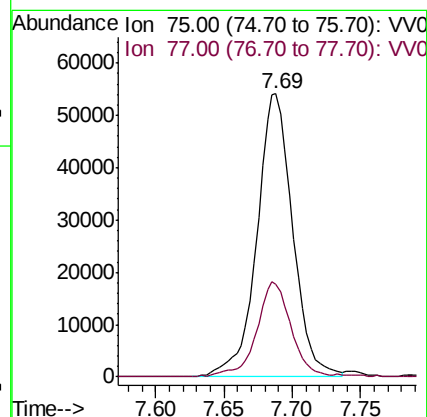
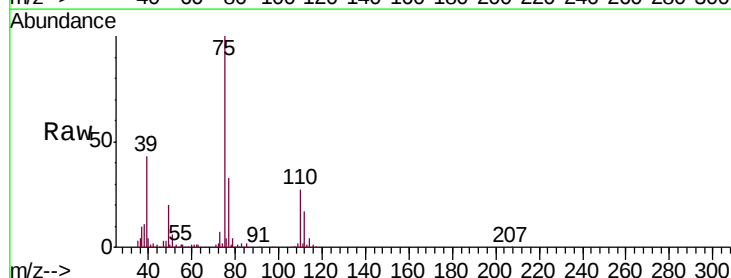
Acq: 05 Dec 2019 12:44

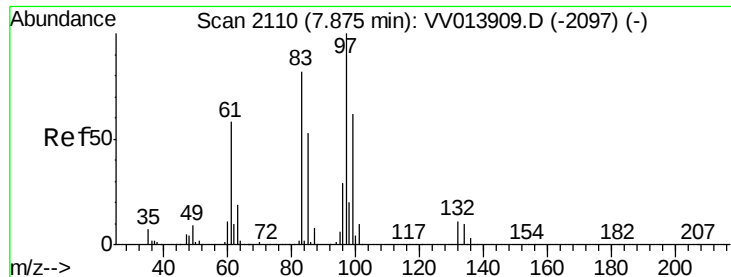
Tgt Ion: 75 Resp: 98401

Ion Ratio Lower Upper

75 100

77 32.9 22.9 42.5

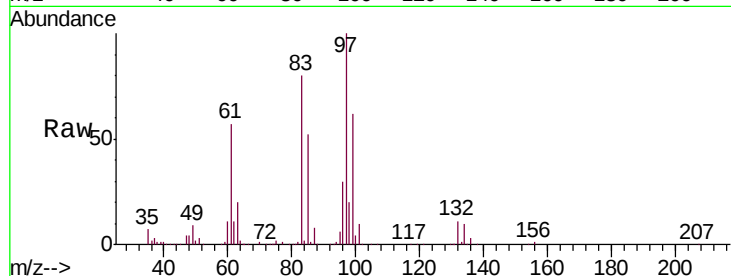




#45
 1,1,2-Trichloroethane
 Concen: 40.703 ug/L
 RT: 7.87 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBY8

Tgt Ion:	97	Resp:	180279
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.0	80.0
83	80.4	57.5	106.9
85	51.8	35.6	66.2



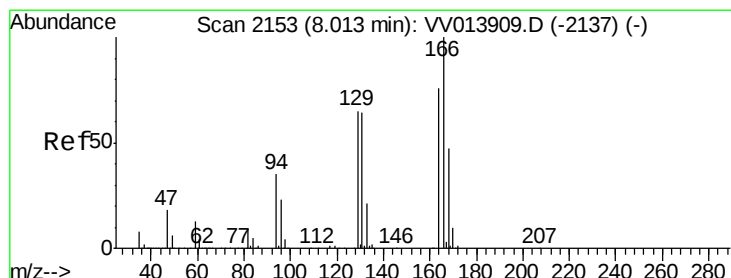
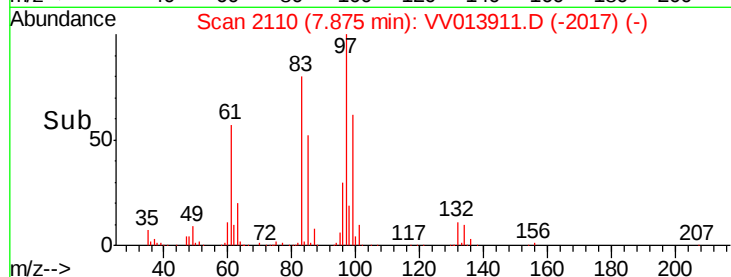
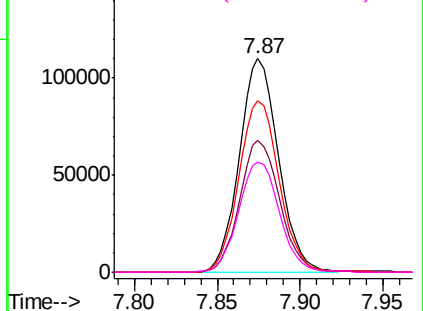
Abundance

Ion 97.00 (96.70 to 97.70): VV013911.D (-2017) (-)

Ion 99.00 (98.70 to 99.70): VV013911.D (-2017) (-)

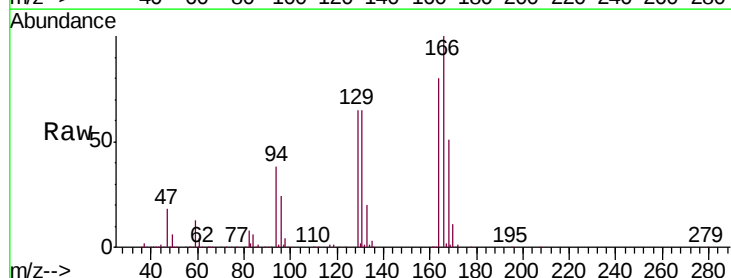
Ion 83.00 (82.70 to 83.70): VV013911.D (-2017) (-)

Ion 85.00 (84.70 to 85.70): VV013911.D (-2017) (-)



#46
 Tetrachloroethene
 Concen: 36.194 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Tgt Ion:	164	Resp:	161499
Ion	Ratio	Lower	Upper
164	100		
129	81.5	61.7	114.7
131	81.0	58.4	108.6
166	124.7	93.4	173.6



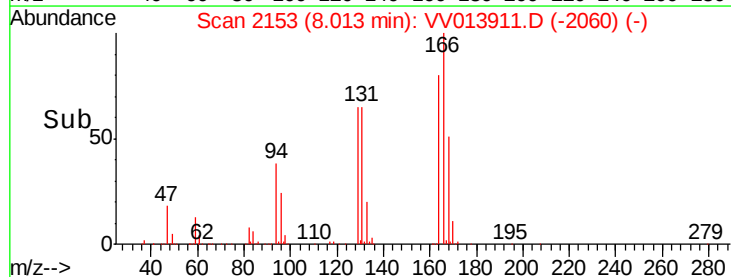
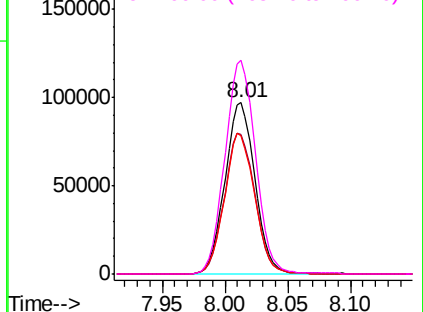
Abundance

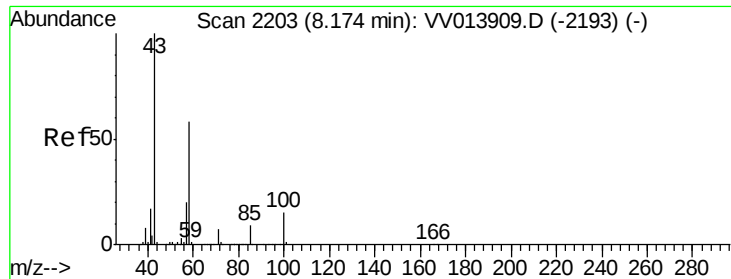
Ion 164.00 (163.70 to 164.70): VV013911.D (-2060) (-)

Ion 129.00 (128.70 to 129.70): VV013911.D (-2060) (-)

Ion 131.00 (130.70 to 131.70): VV013911.D (-2060) (-)

Ion 166.00 (165.70 to 166.70): VV013911.D (-2060) (-)

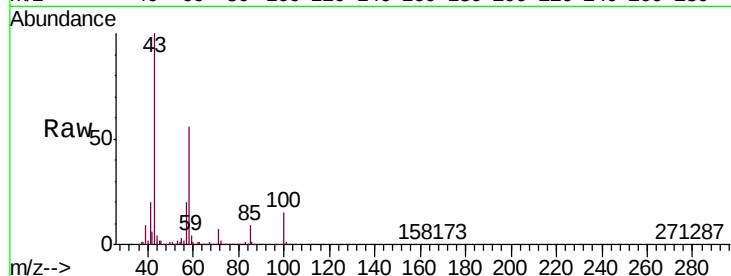




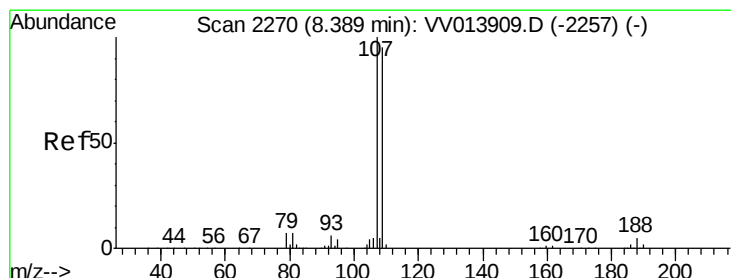
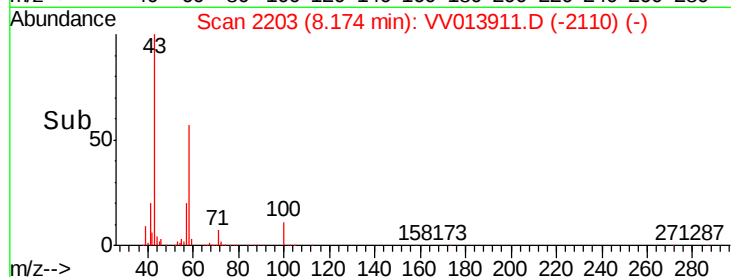
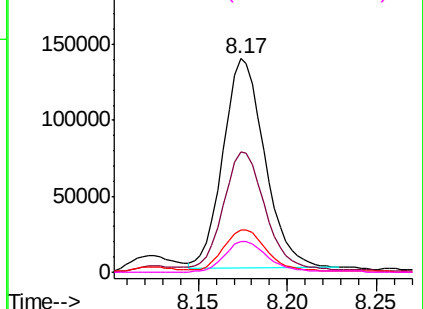
#48
 2-Hexanone
 Concen: 48.110 ug/L
 RT: 8.17 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBY8

Tgt Ion:	43	Resp:	223307
Ion	Ratio	Lower	Upper
43	100		
58	60.8	48.4	72.6
57	21.1	16.6	24.8
100	15.1	11.9	17.9

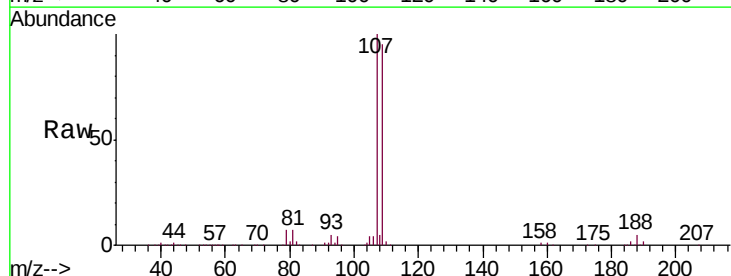


Abundance Ion 43.00 (42.70 to 43.70): VV013911.D (-2110) (-)
 Ion 58.00 (57.70 to 58.70): VV013911.D (-2110) (-)
 Ion 57.00 (56.70 to 57.70): VV013911.D (-2110) (-)
 Ion 100.00 (99.70 to 100.70): VV013911.D (-2110) (-)

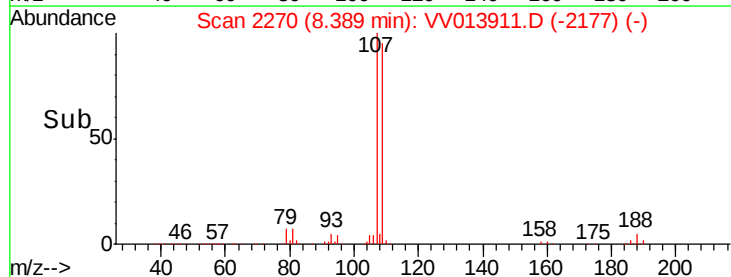
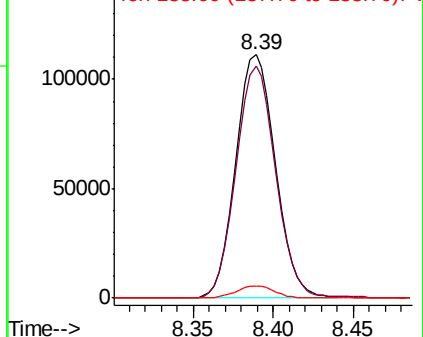


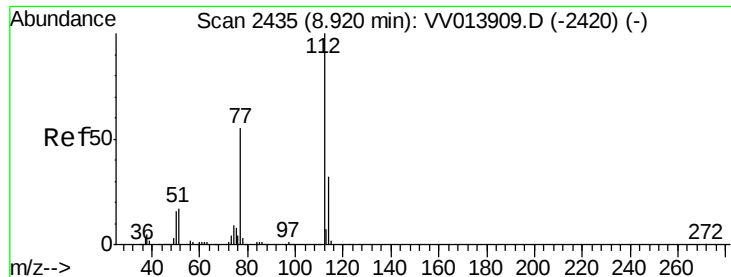
#50
 1,2-Dibromoethane
 Concen: 38.567 ug/L
 RT: 8.39 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Tgt Ion:	107	Resp:	188176
Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.9	122.5
188	5.0	3.6	5.4



Abundance Ion 107.00 (106.70 to 107.70): VV013911.D (-2177) (-)
 Ion 109.00 (108.70 to 109.70): VV013911.D (-2177) (-)
 Ion 188.00 (187.70 to 188.70): VV013911.D (-2177) (-)





#51

Chlorobenzene

Concen: 48.920 ug/L

RT: 8.92 min Scan# 2434

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

DBBY8

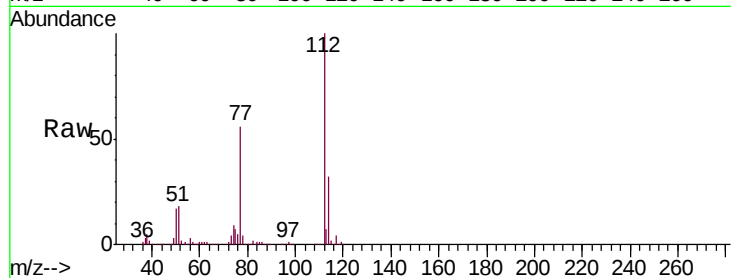
Tgt Ion: 112 Resp: 642005

Ion Ratio Lower Upper

112 100

114 32.3 23.2 43.2

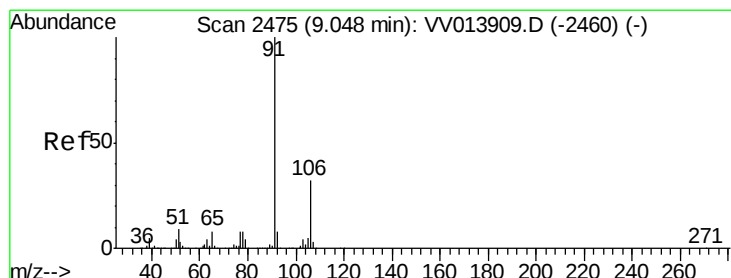
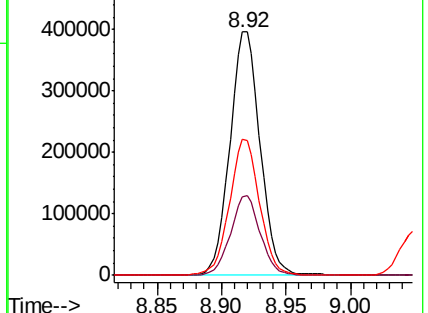
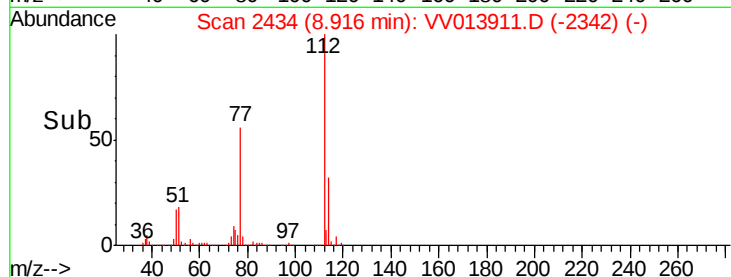
77 55.9 45.0 67.4



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V



#52

Ethylbenzene

Concen: 59.792 ug/L

RT: 9.05 min Scan# 2475

Delta R.T. -0.00 min

Lab File: VV013911.D

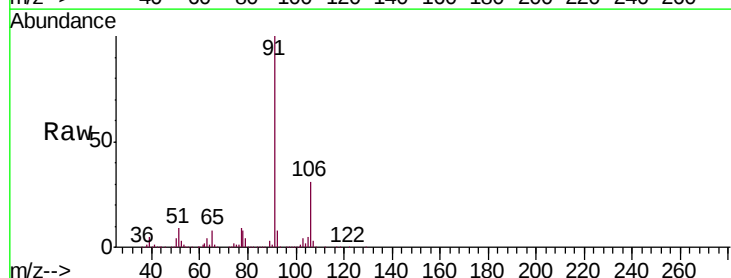
Acq: 05 Dec 2019 12:44

Tgt Ion: 91 Resp: 1253856

Ion Ratio Lower Upper

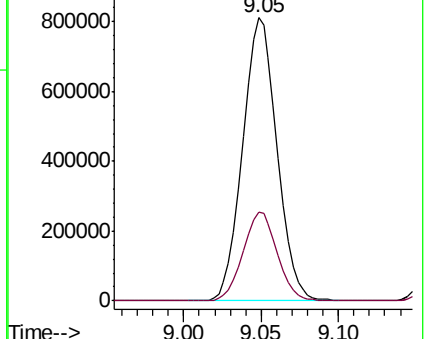
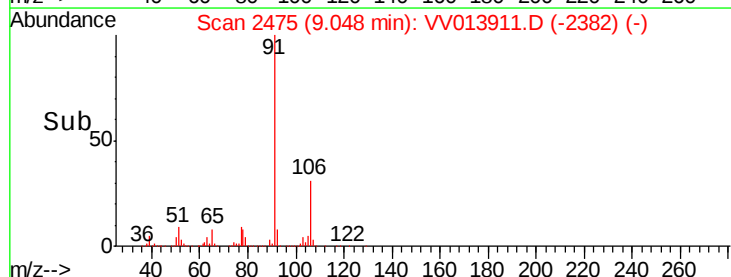
91 100

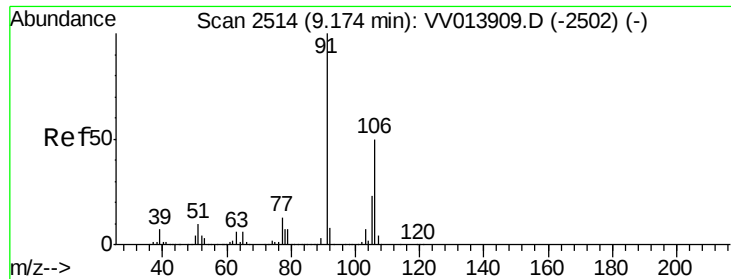
106 31.3 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





#53

m,p-Xylene

Concen: 41.514 ug/L

RT: 9.17 min Scan# 2513

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

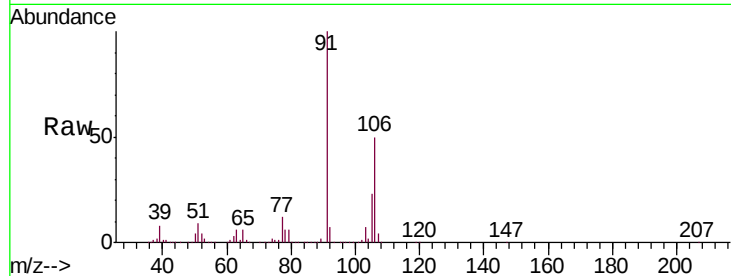
DBBY8

Tgt Ion:106 Resp: 336651

Ion Ratio Lower Upper

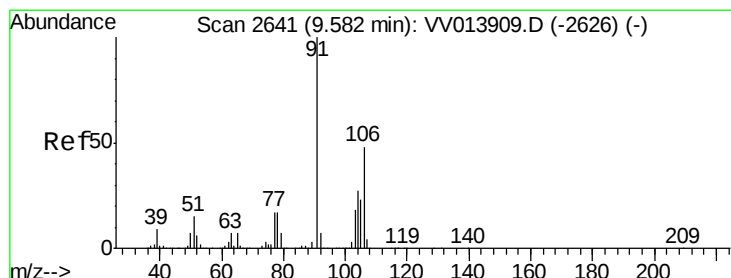
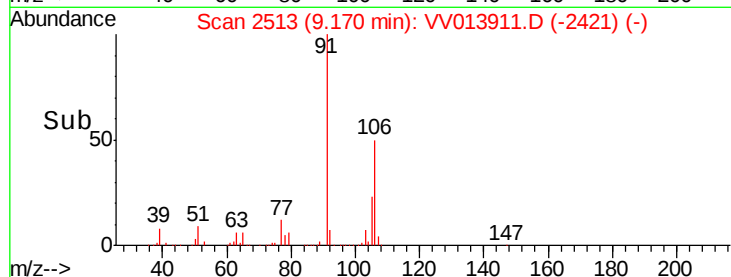
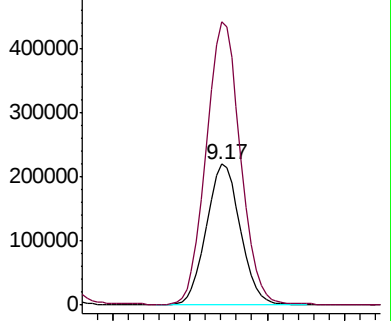
106 100

91 200.5 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 19.709 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV013911.D

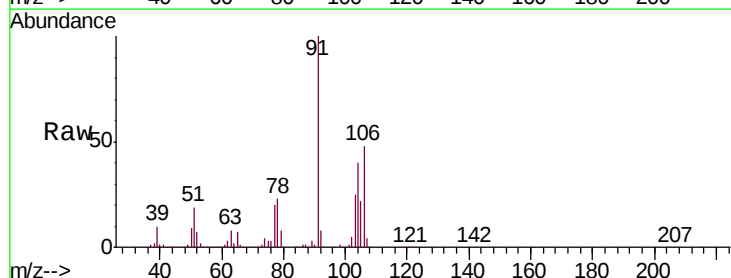
Acq: 05 Dec 2019 12:44

Tgt Ion:106 Resp: 156268

Ion Ratio Lower Upper

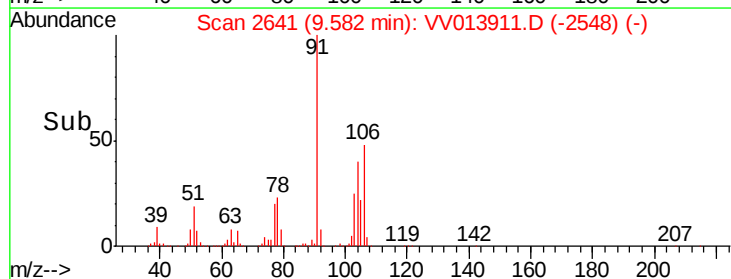
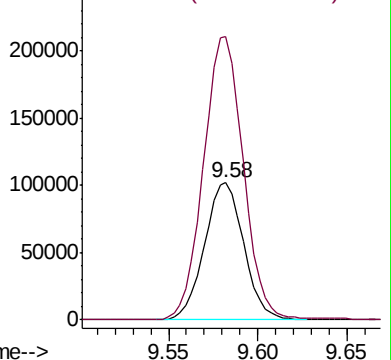
106 100

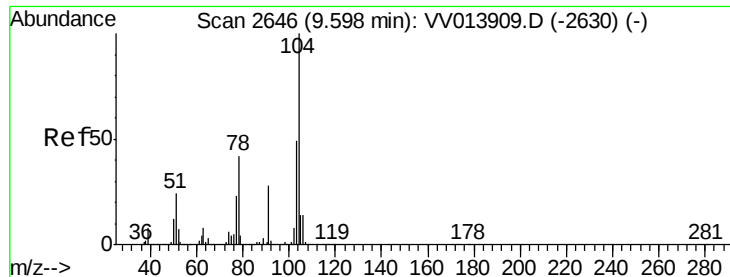
91 206.3 147.1 273.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#55

Styrene

Concen: 32.029 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

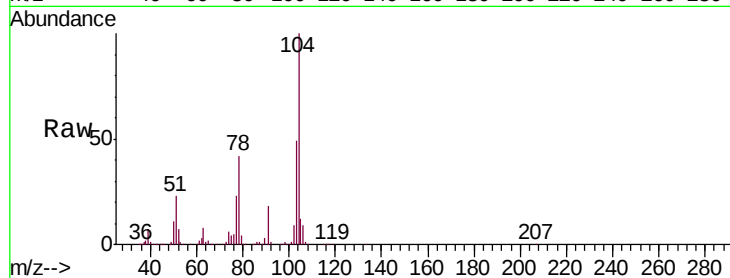
DBBY8

Tgt Ion:104 Resp: 438144

Ion Ratio Lower Upper

104 100

78 42.4 29.3 54.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

300000

250000

200000

150000

100000

50000

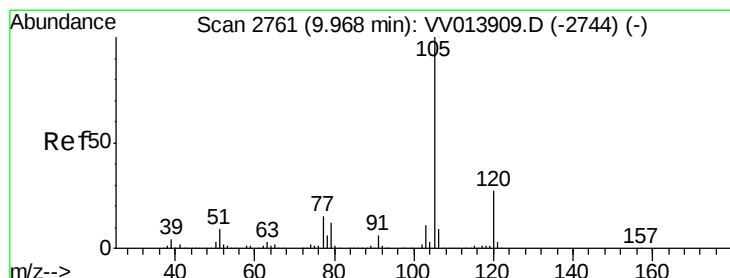
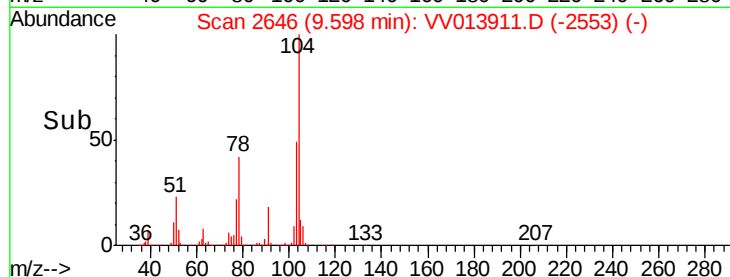
0

9.50

9.60

9.70

Time-->



#56

Isopropylbenzene

Concen: 38.880 ug/L

RT: 9.97 min Scan# 2761

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

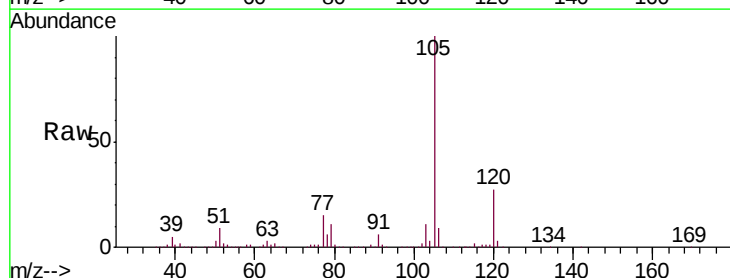
Tgt Ion:105 Resp: 828621

Ion Ratio Lower Upper

105 100

120 27.1 21.4 32.2

77 14.8 12.0 18.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

600000

400000

200000

0

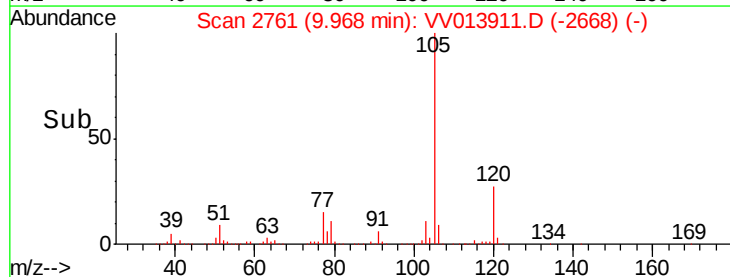
9.90

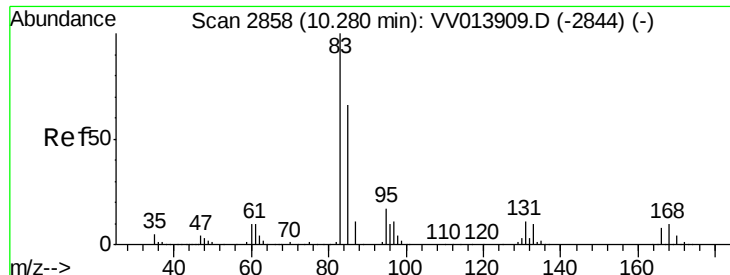
9.95

10.00

10.05

Time-->





#58

1,1,2,2-Tetrachloroethane

Concen: 60.864 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

DBBY8

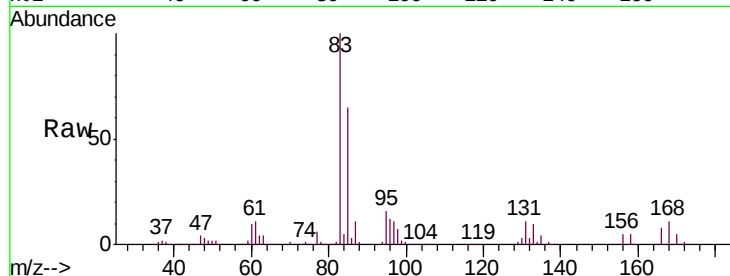
Tgt Ion: 83 Resp: 438858

Ion Ratio Lower Upper

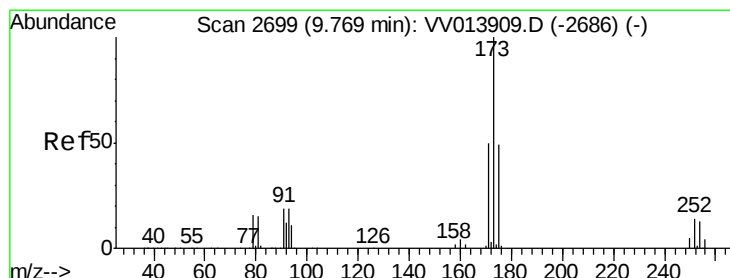
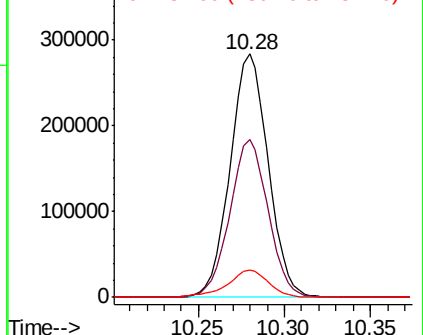
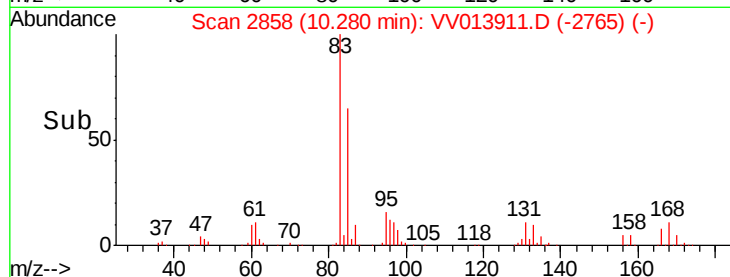
83 100

85 64.7 44.1 81.9

131 11.0 8.8 13.2



Abundance Ion 83.00 (82.70 to 83.70): VV013911.D (-2765) (-)



#61

Bromoform

Concen: 21.407 ug/L

RT: 9.77 min Scan# 2699

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

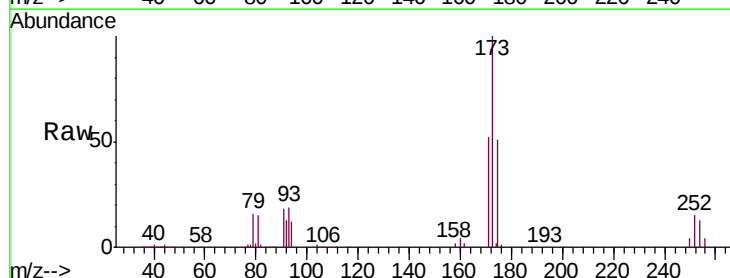
Tgt Ion: 173 Resp: 79317

Ion Ratio Lower Upper

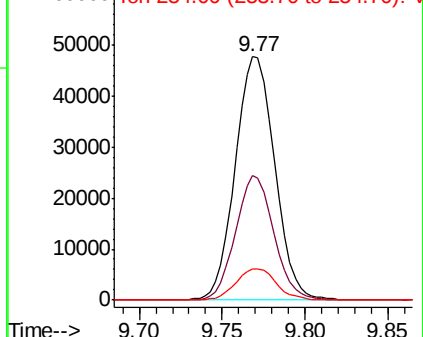
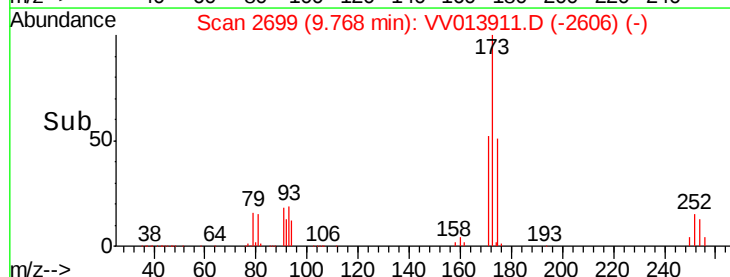
173 100

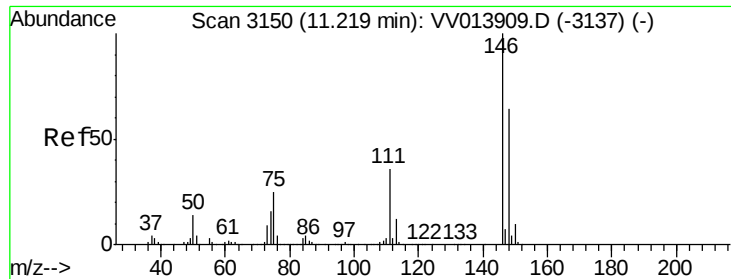
175 49.2 38.4 57.6

254 13.2 10.5 15.7



Abundance Ion 173.00 (172.70 to 173.70): VV013911.D (-2606) (-)





#62

1,3-Dichlorobenzene

Concen: 19.576 ug/L

RT: 11.22 min Scan# 3151

Delta R.T. 0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampleId :

DBBY8

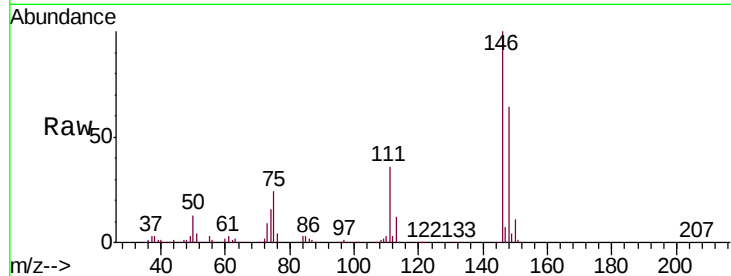
Tgt Ion:146 Resp: 194553

Ion Ratio Lower Upper

146 100

111 36.5 25.8 48.0

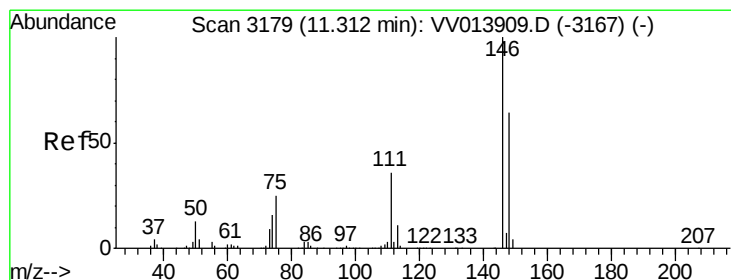
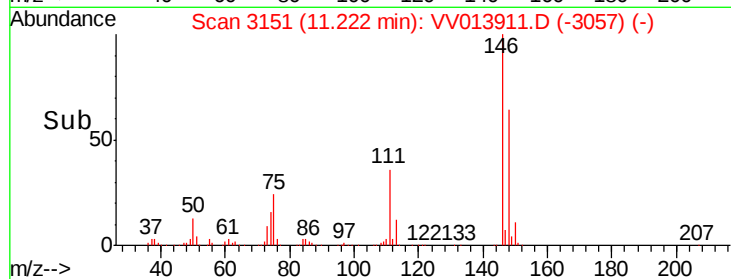
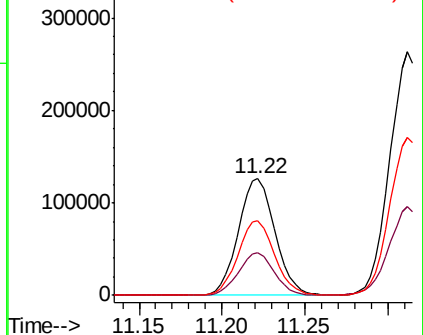
148 64.0 45.2 84.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 39.019 ug/L

RT: 11.31 min Scan# 3179

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

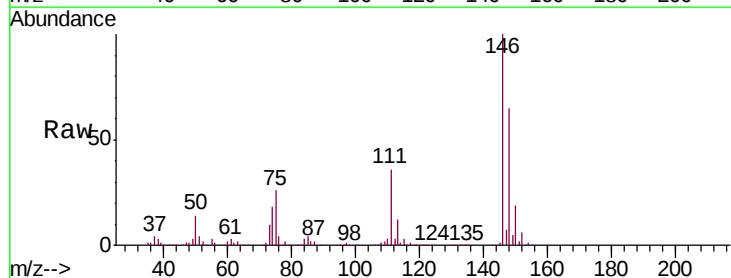
Tgt Ion:146 Resp: 400907

Ion Ratio Lower Upper

146 100

111 36.3 25.4 47.2

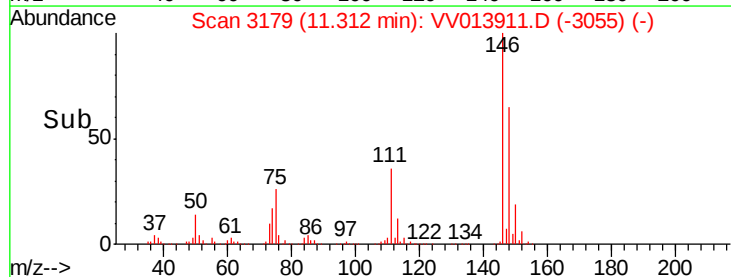
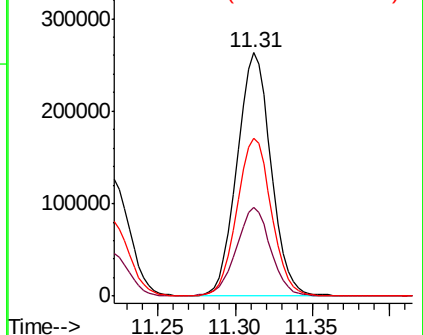
148 65.0 44.9 83.5

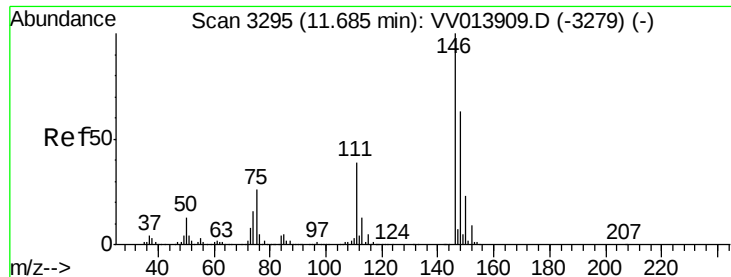


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 63.812 ug/L

RT: 11.68 min Scan# 3295

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

Instrument :

MSVOA_V

ClientSampled :

DBBY8

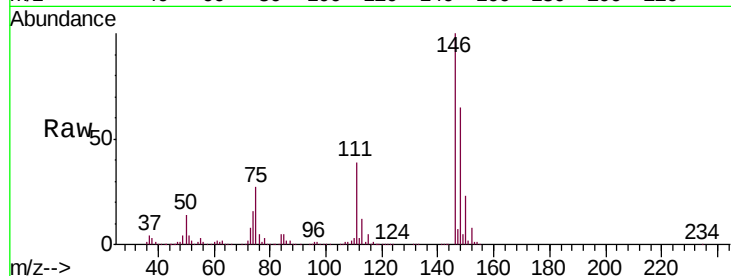
Tgt Ion:146 Resp: 634386

Ion Ratio Lower Upper

146 100

111 38.7 31.4 47.0

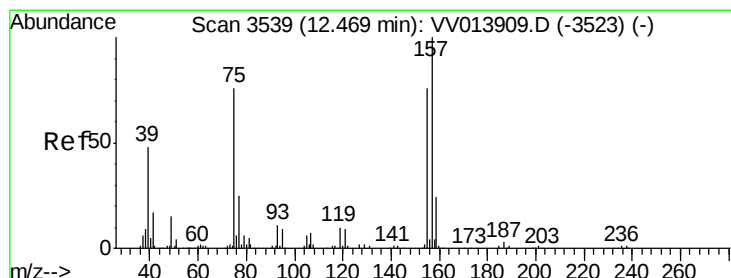
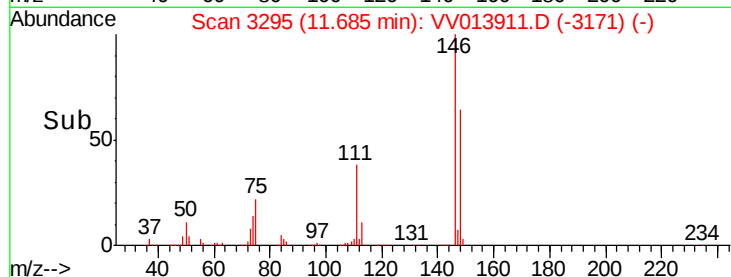
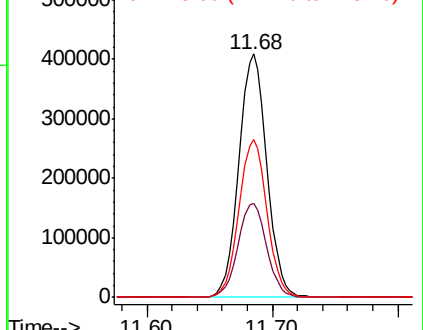
148 64.6 51.5 77.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 79.550 ug/L

RT: 12.47 min Scan# 3539

Delta R.T. -0.00 min

Lab File: VV013911.D

Acq: 05 Dec 2019 12:44

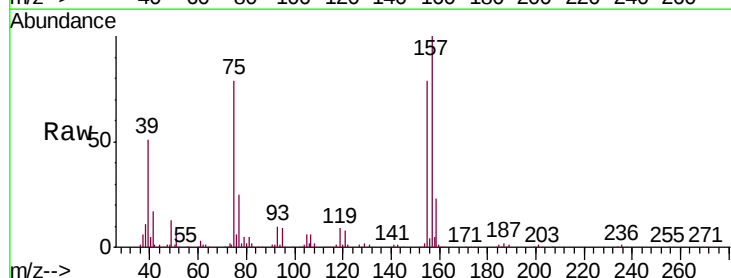
Tgt Ion: 75 Resp: 109908

Ion Ratio Lower Upper

75 100

155 100.0 78.6 117.8

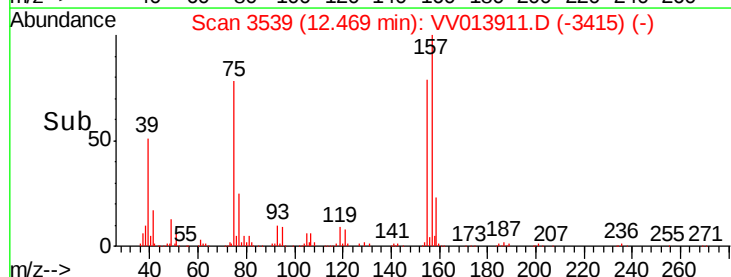
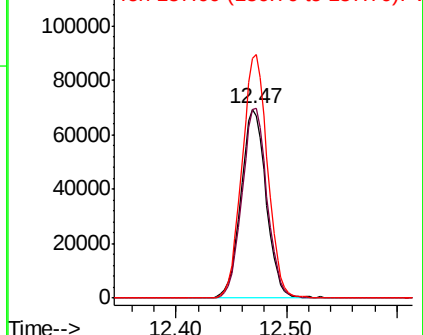
157 127.3 102.6 153.8

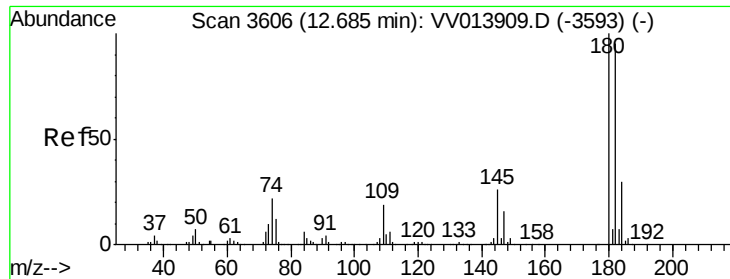


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

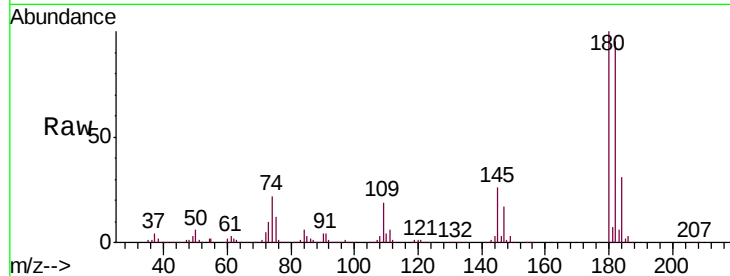




#67
 1,3,5-Trichlorobenzene
 Concen: 53.787 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBY8

Tgt Ion:	180	Resp:	434107
Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
184	30.8	24.2	36.4
145	25.8	21.1	31.7



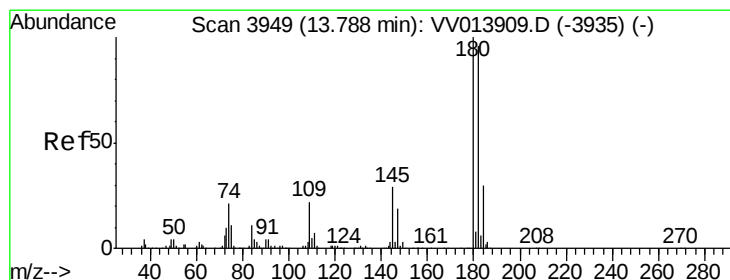
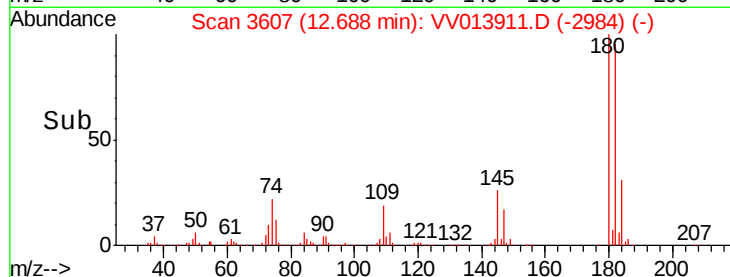
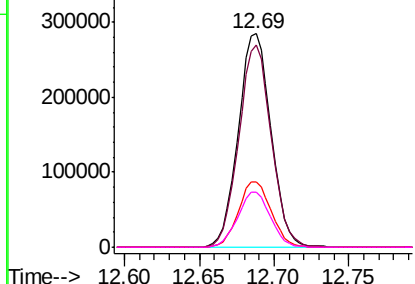
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

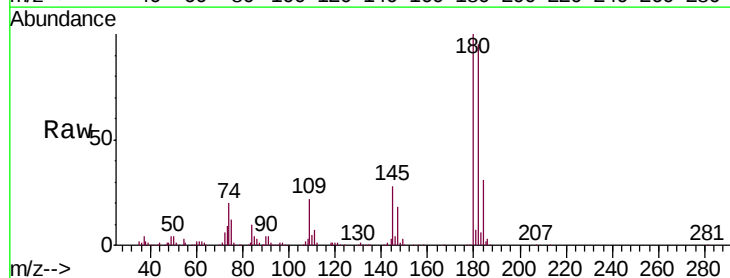
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 33.762 ug/L
 RT: 13.79 min Scan# 3949
 Delta R.T. -0.00 min
 Lab File: VV013911.D
 Acq: 05 Dec 2019 12:44

Tgt Ion:	180	Resp:	257120
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.0	115.4
145	28.2	22.6	34.0



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

