

Data File : VV010215.D
Acq On : 10 Apr 2019 14:51
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 11 07:09:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	300865	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	300470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	151958	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79547	22.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.88%
7) Chloroethane-d5	1.57	69	71257	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
10) 1,1-Dichloroethene-d2	2.13	63	205846	23.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.40%
20) 2-Butanone-d5	3.93	46	51010	58.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.40%
24) Chloroform-d	4.40	84	169865	24.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.88%
26) 1,2-Dichloroethane-d4	5.08	65	100512	25.69	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.76%
29) Benzene-d6	5.09	84	343967	23.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.96%
33) 1,2-Dichloropropane-d6	6.11	67	102664	23.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.28%
37) Toluene-d8	7.36	98	343265	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.20%
38) trans-1,3-Dichloropropene-	7.66	79	47008	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	8.13	63	40427	54.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.64%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	97858	25.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.20%
61) 1,2-Dichlorobenzene-d4	11.67	152	143818	25.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.52%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	119382	24.761	ug/L	98
3) Chloromethane	1.25	50	98439	24.882	ug/L	99
5) Vinyl chloride	1.32	62	102717	24.144	ug/L	100
6) Bromomethane	1.51	94	95729	27.763	ug/L	99
8) Chloroethane	1.59	64	64394	24.274	ug/L	98
9) Trichlorofluoromethane	1.76	101	206896	24.012	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107553	23.317	ug/L	98
12) 1,1-Dichloroethene	2.14	96	97409	24.540	ug/L	94
13) Acetone	2.18	43	48273	51.550	ug/L	97
14) Carbon disulfide	2.32	76	250948	26.178	ug/L	99
15) Methyl Acetate	2.45	43	44779	26.849	ug/L	96
16) Methylene chloride	2.53	84	109941	18.659	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	230703	26.858	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	96303	25.533	ug/L	94
19) 1,1-Dichloroethane	3.23	63	158303	25.515	ug/L	96
21) 2-Butanone	4.01	43	60319	56.475	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	107551	26.207	ug/L	95

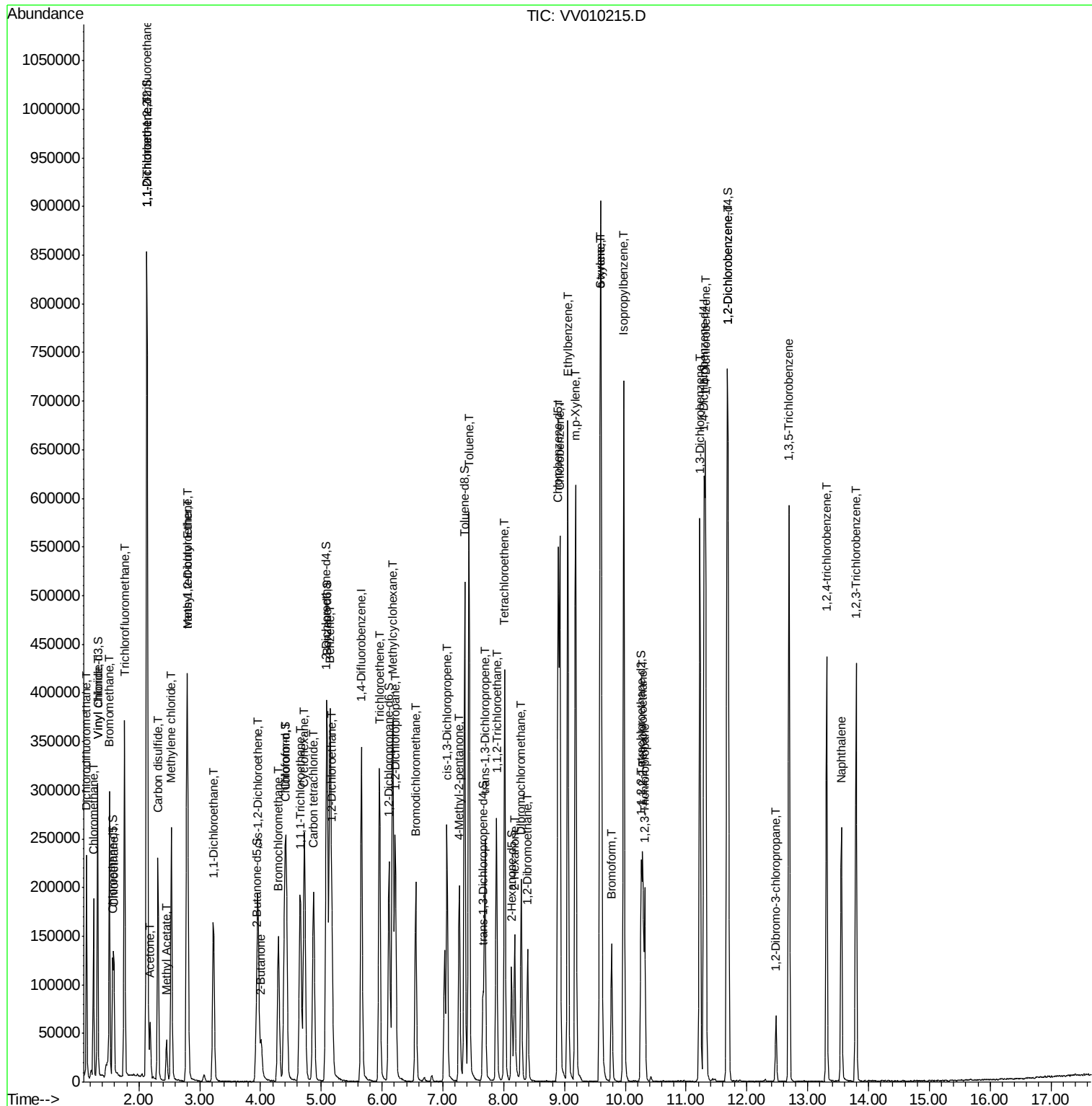
Data File : VV010215.D
Acq On : 10 Apr 2019 14:51
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

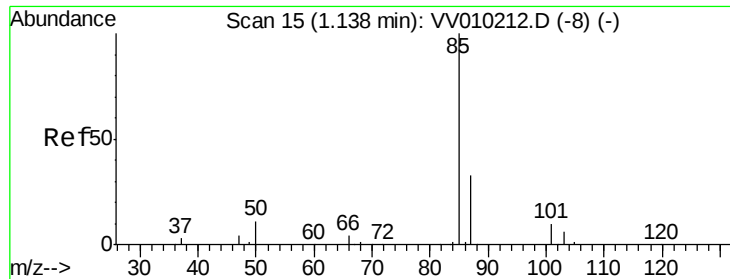
Quant Time: Apr 11 07:09:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	53683	26.566	ug/L	95
25) Chloroform	4.42	83	185993	25.238	ug/L	97
27) 1,2-Dichloroethane	5.18	62	124954	26.493	ug/L	99
30) Cyclohexane	4.72	56	135016	23.995	ug/L	98
31) 1,1,1-Trichloroethane	4.65	97	152986	24.341	ug/L	99
32) Carbon tetrachloride	4.87	117	141411	24.144	ug/L	98
34) Benzene	5.14	78	372158	24.434	ug/L	100
35) Trichloroethene	5.96	95	104834	23.822	ug/L	96
36) Methylcyclohexane	6.17	83	160182	24.359	ug/L	99
40) 1,2-Dichloropropane	6.22	63	89622	24.047	ug/L	100
41) Bromodichloromethane	6.55	83	126489	25.471	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	141305	25.019	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	125502	52.030	ug/L	96
44) Toluene	7.43	91	423827	24.752	ug/L	98
45) trans-1,3-Dichloropropene	7.69	75	126325	26.651	ug/L	97
46) 1,1,2-Trichloroethane	7.88	97	82108	25.972	ug/L	96
47) Tetrachloroethene	8.02	164	92431	23.693	ug/L	98
49) 2-Hexanone	8.18	43	89966	56.728	ug/L	98
50) Dibromochloromethane	8.29	129	100418	25.966	ug/L	97
51) 1,2-Dibromoethane	8.40	107	83028	25.750	ug/L	99
52) Chlorobenzene	8.92	112	293448	24.560	ug/L	98
53) Ethylbenzene	9.05	91	465211	24.638	ug/L	98
54) m,p-Xylene	9.18	106	184037	24.707	ug/L	99
55) o-xylene	9.59	106	182100	24.550	ug/L	92
56) Styrene	9.60	104	306360	25.941	ug/L	99
57) Isopropylbenzene	9.97	105	470765	24.971	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	100882	25.819	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	74888	26.042	ug/L	95
62) Bromoform	9.77	173	59229	26.857	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	240387	25.513	ug/L	98
64) 1,4-Dichlorobenzene	11.32	146	243843	25.433	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	228846	25.445	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	14242	27.991	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	182336	26.116	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	128545	26.870	ug/L	96
69) Naphthalene	13.55	128	205048	31.541	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	122686	27.653	ug/L	98

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

Quant Time: Apr 11 07:09:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM041019S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 07:05:16 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 24.761 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV010215.D

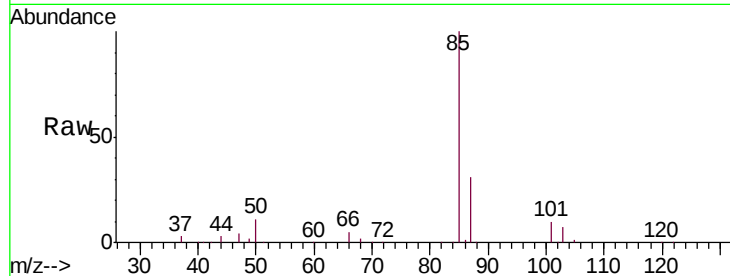
Acq: 10 Apr 2019 14:51

Tgt Ion: 85 Resp: 119382

Ion Ratio Lower Upper

85 100

87 32.0 23.3 43.3



Abundance Ion 85.00 (84.70 to 85.70): VV010215.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV010215.D (-8) (-)

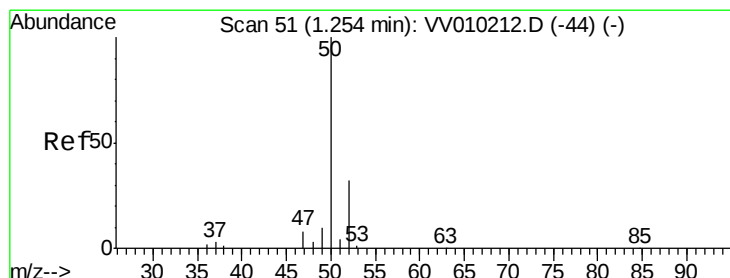
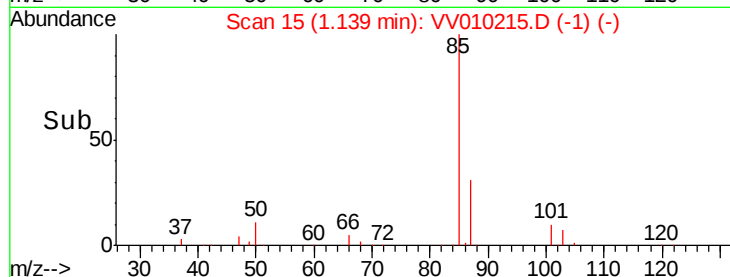
1.14

100000

50000

0

Time-->



#3

Chloromethane

Concen: 24.882 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV010215.D

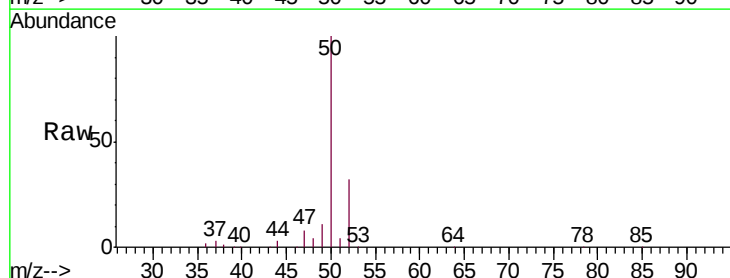
Acq: 10 Apr 2019 14:51

Tgt Ion: 50 Resp: 98439

Ion Ratio Lower Upper

50 100

52 32.3 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV010215.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV010215.D (-44) (-)

1.25

120000

100000

80000

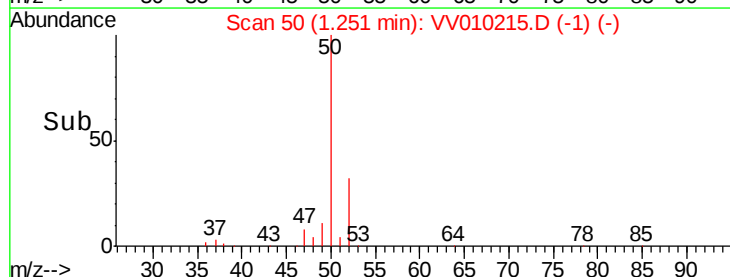
60000

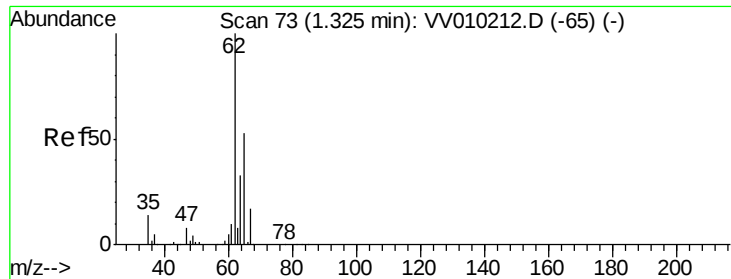
40000

20000

0

Time-->





#5

Vinyl chloride

Concen: 24.144 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV010215.D

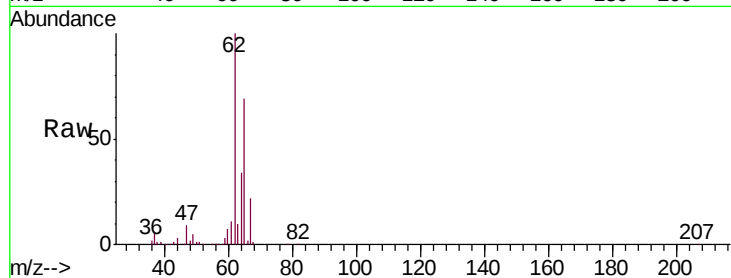
Acq: 10 Apr 2019 14:51

Tgt Ion: 62 Resp: 102717

Ion Ratio Lower Upper

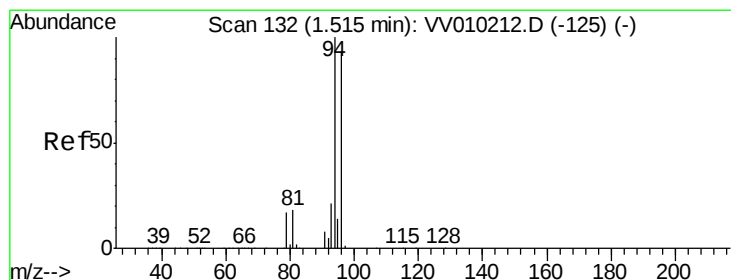
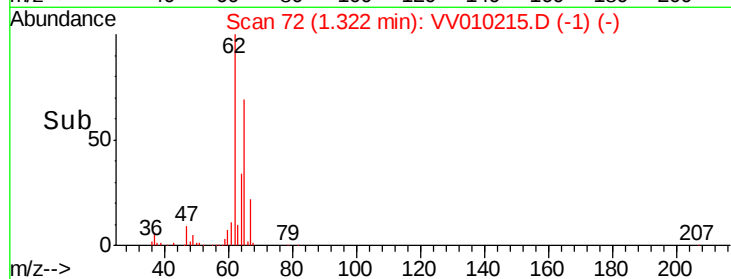
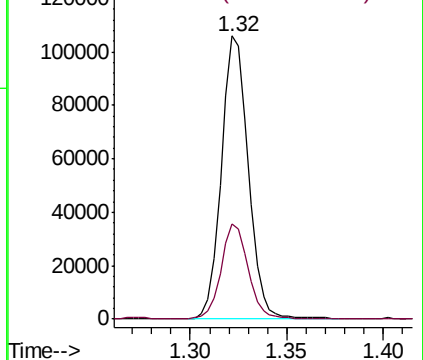
62 100

64 33.5 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 27.763 ug/L

RT: 1.51 min Scan# 132

Delta R.T. 0.00 min

Lab File: VV010215.D

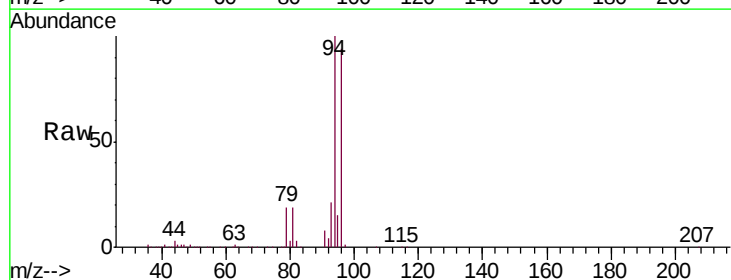
Acq: 10 Apr 2019 14:51

Tgt Ion: 94 Resp: 95729

Ion Ratio Lower Upper

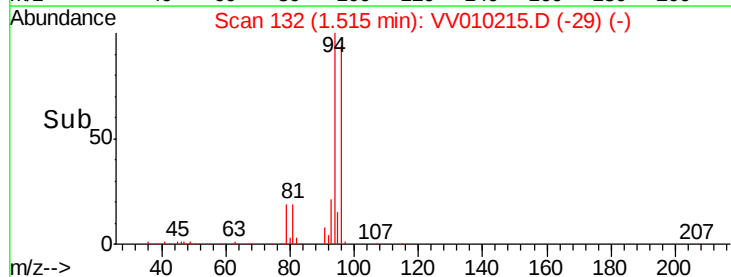
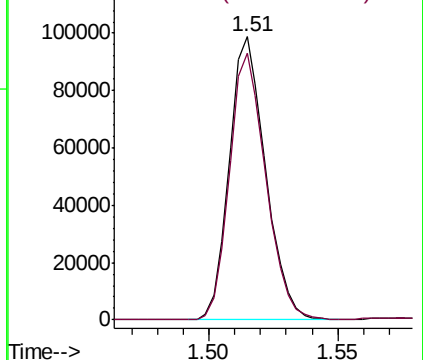
94 100

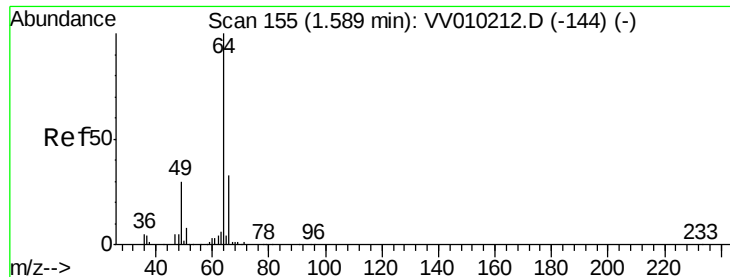
96 94.8 9.4 179.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 24.274 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.00 min

Lab File: VV010215.D

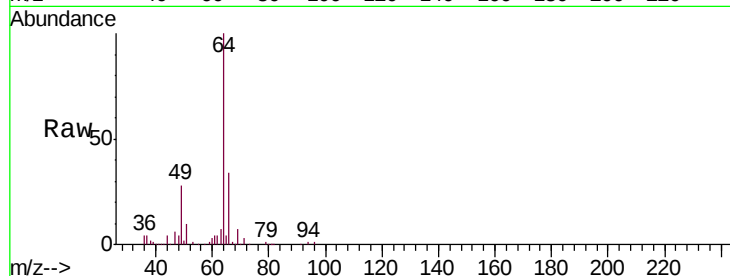
Acq: 10 Apr 2019 14:51

Tgt Ion: 64 Resp: 64394

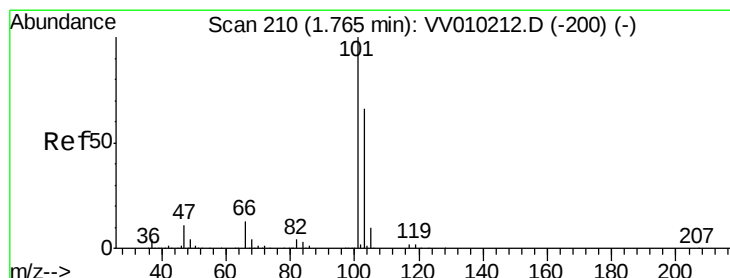
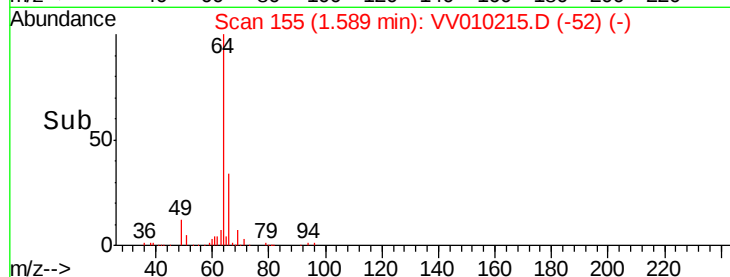
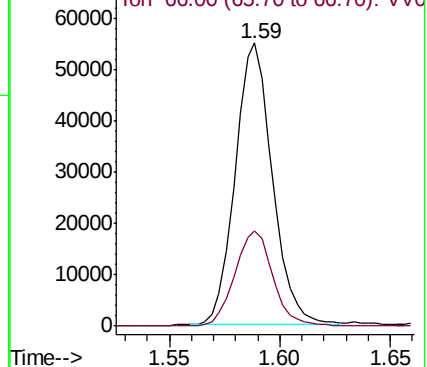
Ion Ratio Lower Upper

64 100

66 33.7 22.8 42.4



Abundance Ion 64.00 (63.70 to 64.70): VV010215.D (-144) (-)



#9

Trichlorofluoromethane

Concen: 24.012 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV010215.D

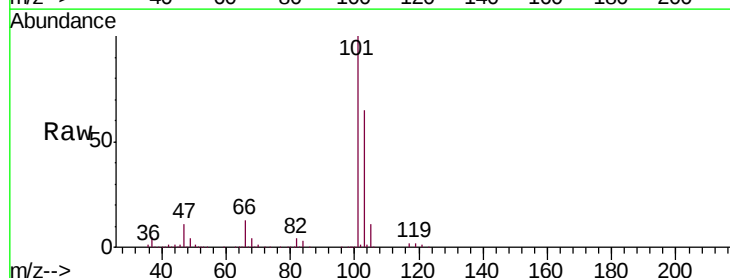
Acq: 10 Apr 2019 14:51

Tgt Ion: 101 Resp: 206896

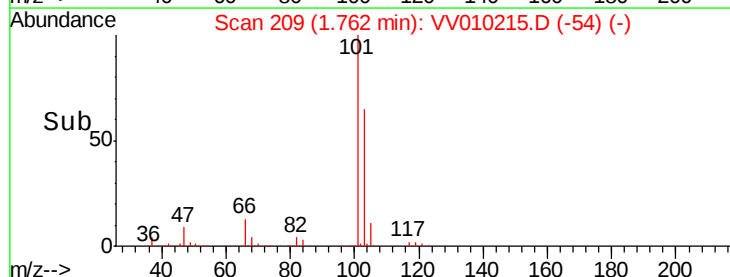
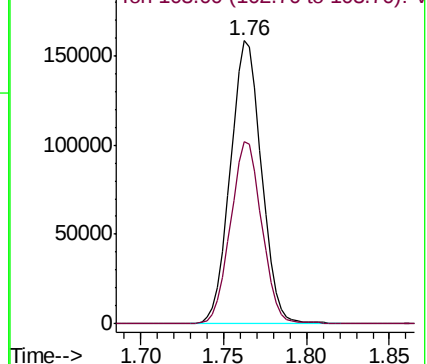
Ion Ratio Lower Upper

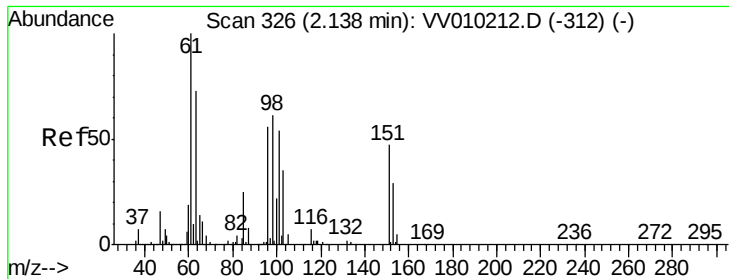
101 100

103 65.0 44.8 83.2



Abundance Ion 101.00 (100.70 to 101.70): VV010215.D (-200) (-)





#11

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

Concen: 23.317 ug/L

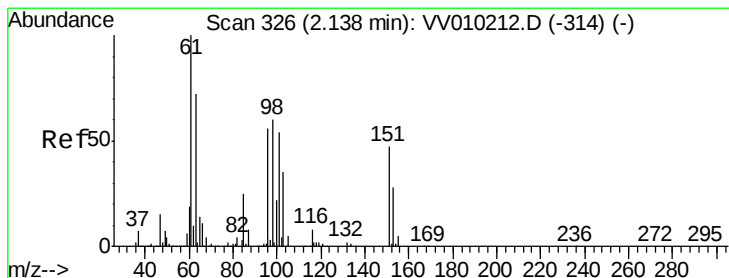
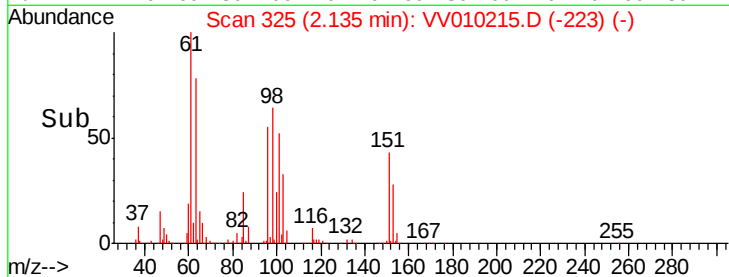
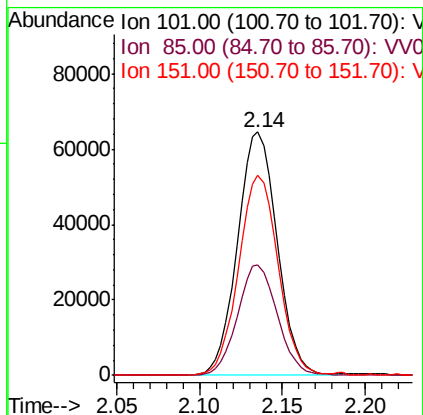
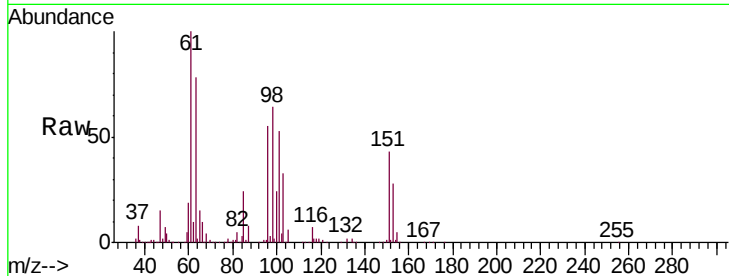
RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

Tgt Ion:	101	Resp:	107553
Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.7	55.1
151	81.9	68.1	102.1



#12

1,1-Dichloroethene

Concen: 24.540 ug/L

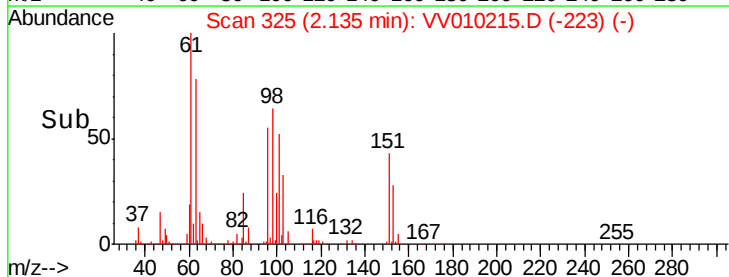
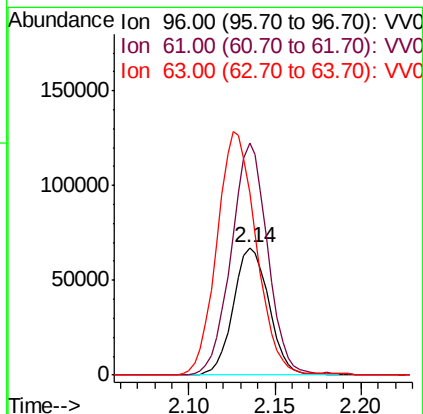
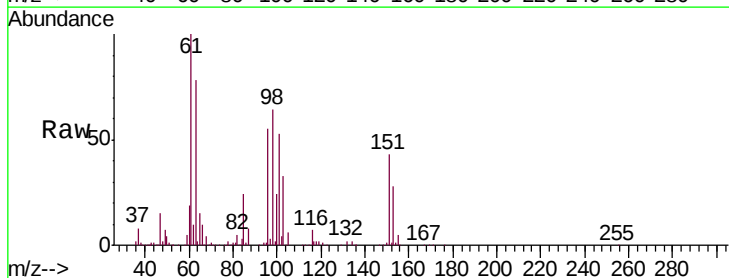
RT: 2.14 min Scan# 325

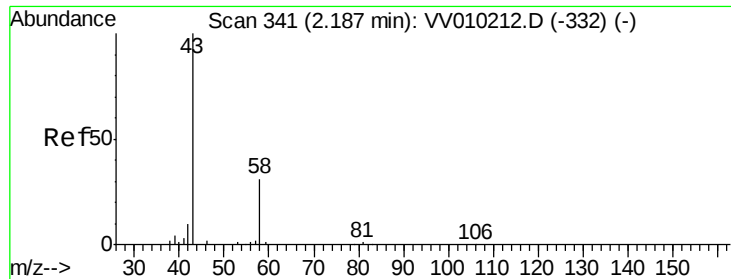
Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

Tgt Ion:	96	Resp:	97409
Ion	Ratio	Lower	Upper
96	100		
61	182.0	125.3	232.7
63	142.8	91.3	169.6





#13

Acetone

Concen: 51.550 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV010215.D

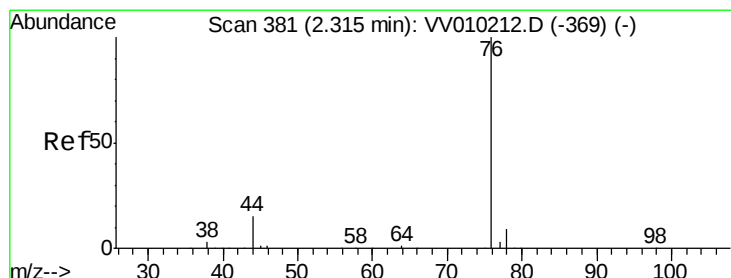
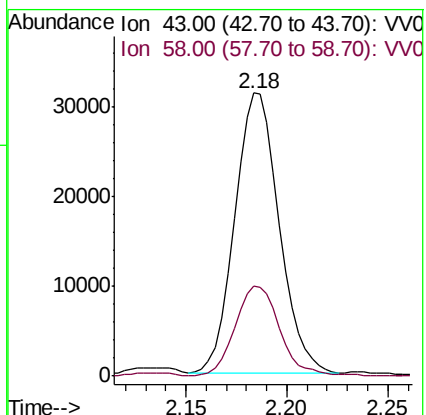
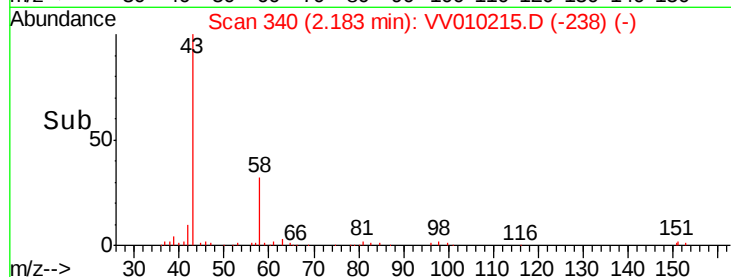
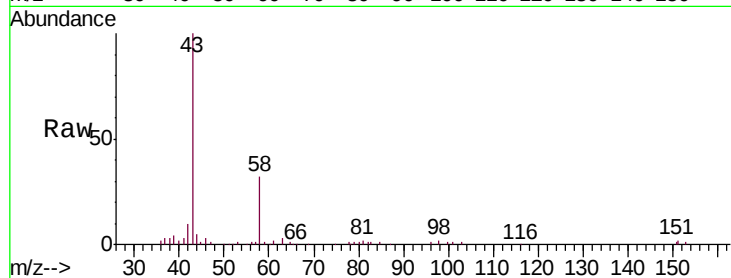
Acq: 10 Apr 2019 14:51

Tgt Ion: 43 Resp: 48273

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.6



#14

Carbon disulfide

Concen: 26.178 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV010215.D

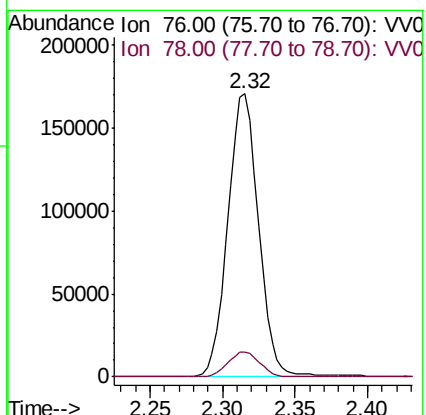
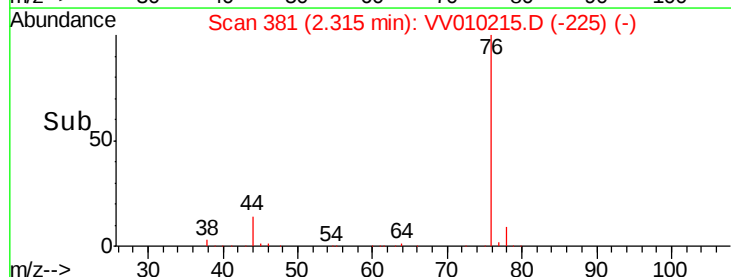
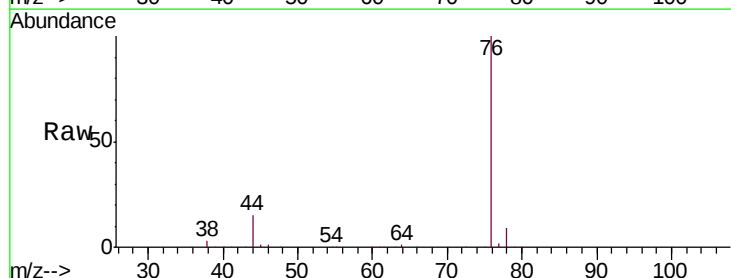
Acq: 10 Apr 2019 14:51

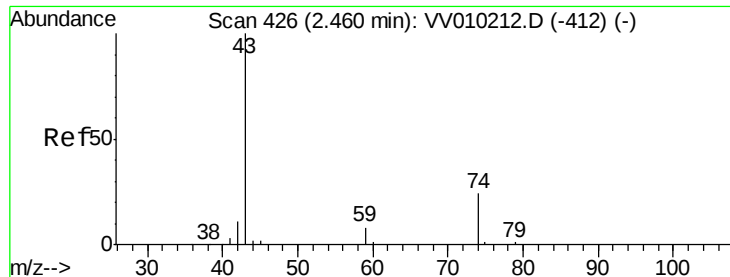
Tgt Ion: 76 Resp: 250948

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4





#15

Methyl Acetate

Concen: 26.849 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.01 min

Lab File: VV010215.D

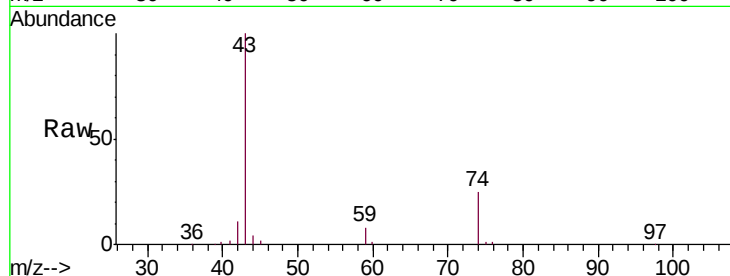
Acq: 10 Apr 2019 14:51

Tgt Ion: 43 Resp: 44779

Ion Ratio Lower Upper

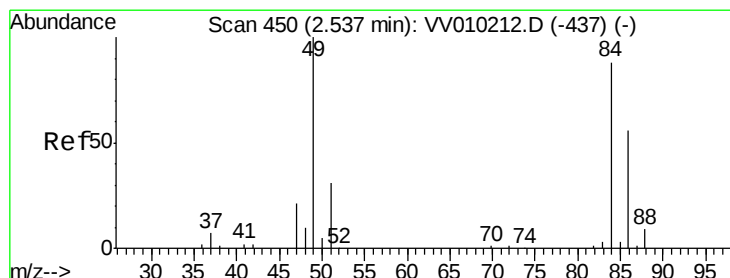
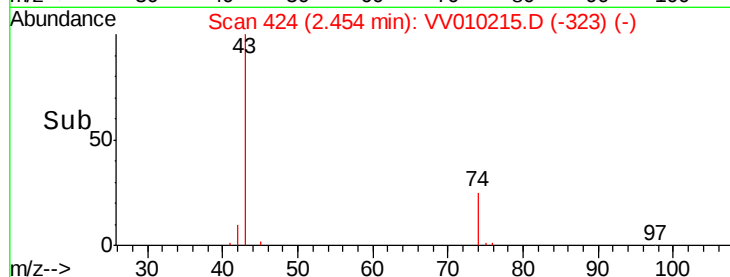
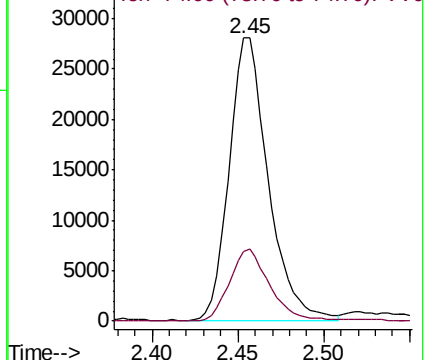
43 100

74 26.1 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 18.659 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

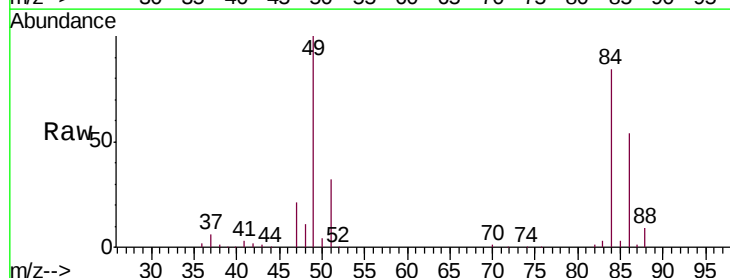
Tgt Ion: 84 Resp: 109941

Ion Ratio Lower Upper

84 100

49 118.9 79.9 148.5

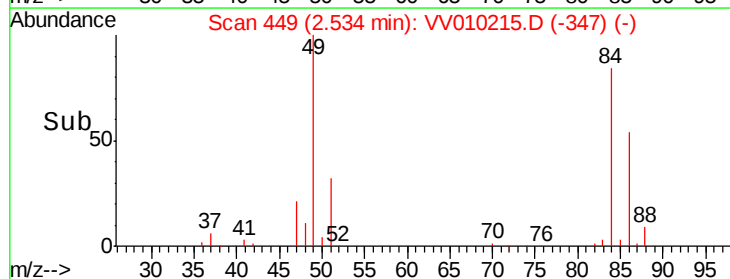
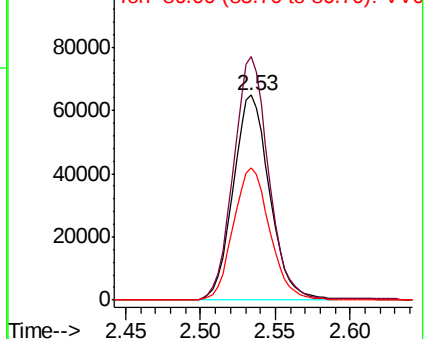
86 64.7 44.5 82.7

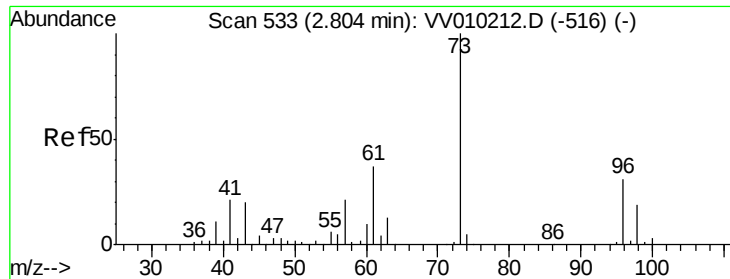


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

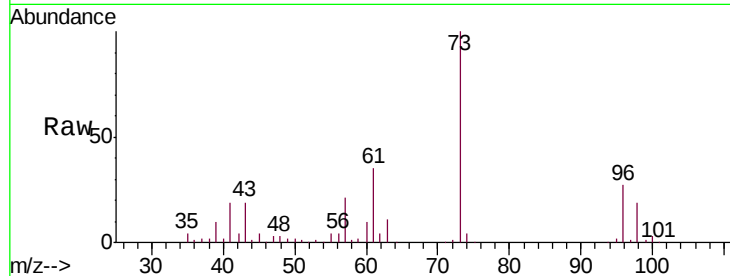




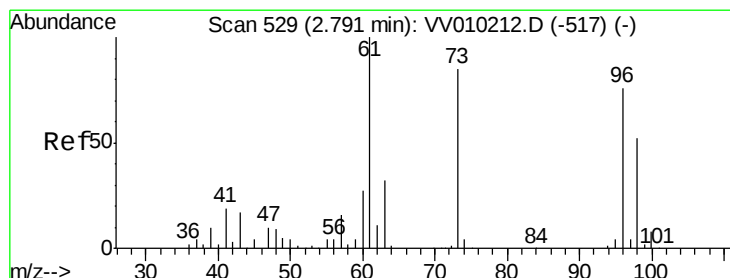
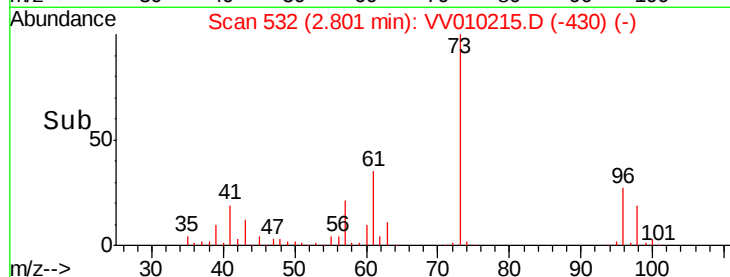
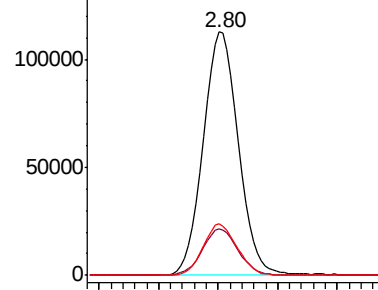
#17

Methyl tert-butyl Ether
 Concen: 26.858 ug/L
 RT: 2.80 min Scan# 532
 Delta R.T. -0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	73	Resp:	230703
Ion	Ratio	Lower	Upper
73	100		
43	19.6	16.0	24.0
57	20.4	16.6	24.8



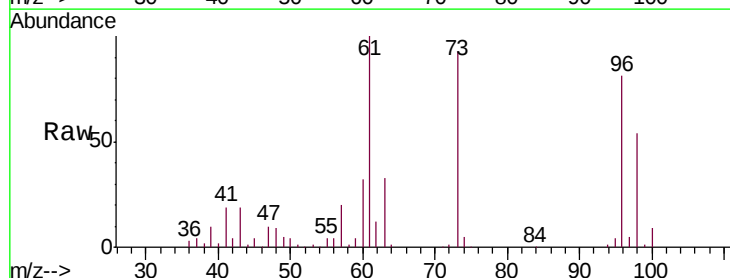
Abundance Ion 73.00 (72.70 to 73.70): VV0
 Ion 43.00 (42.70 to 43.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0



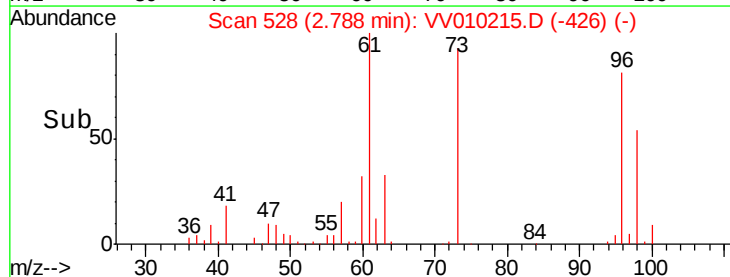
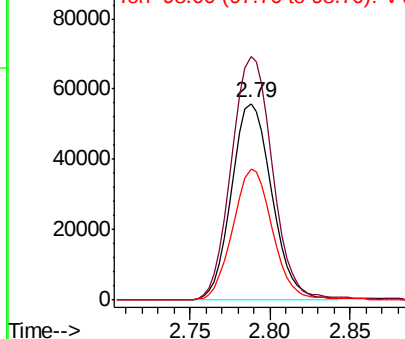
#18

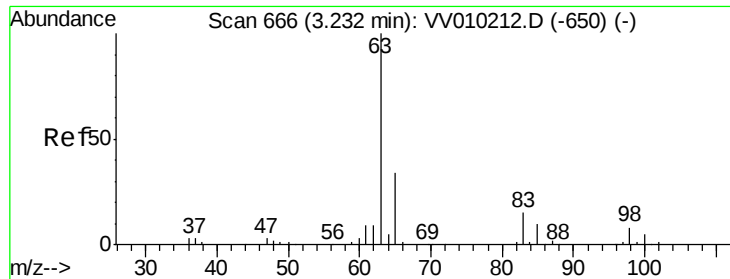
trans-1,2-Dichloroethene
 Concen: 25.533 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	96	Resp:	96303
Ion	Ratio	Lower	Upper
96	100		
61	123.7	92.5	171.9
98	66.6	47.9	89.1



Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.00 (60.70 to 61.70): VV0
 Ion 98.00 (97.70 to 98.70): VV0





#19

1,1-Dichloroethane

Concen: 25.515 ug/L

RT: 3.23 min Scan# 664

Delta R.T. -0.01 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

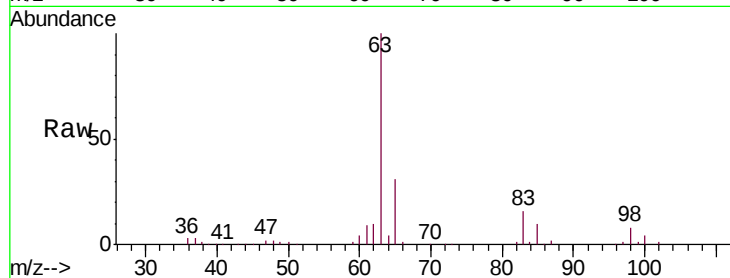
Tgt Ion: 63 Resp: 158303

Ion Ratio Lower Upper

63 100

65 31.5 23.8 44.2

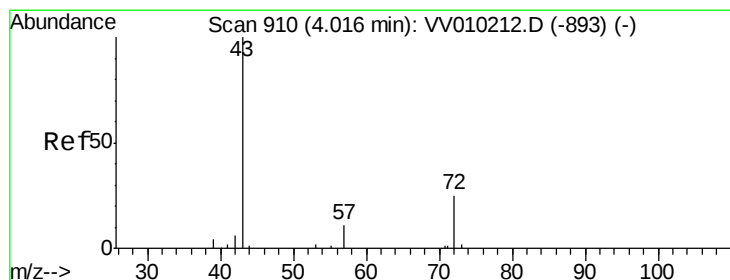
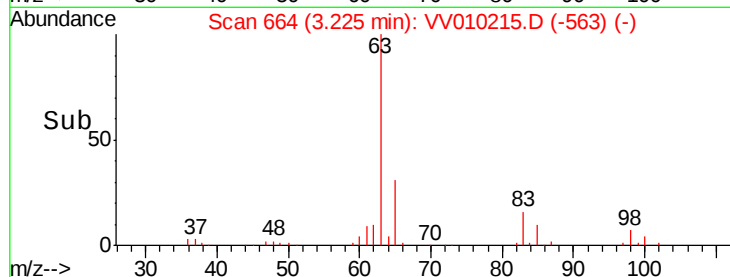
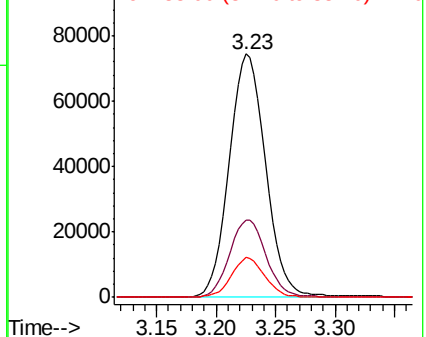
83 16.3 10.8 20.0



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#21

2-Butanone

Concen: 56.475 ug/L

RT: 4.01 min Scan# 909

Delta R.T. -0.00 min

Lab File: VV010215.D

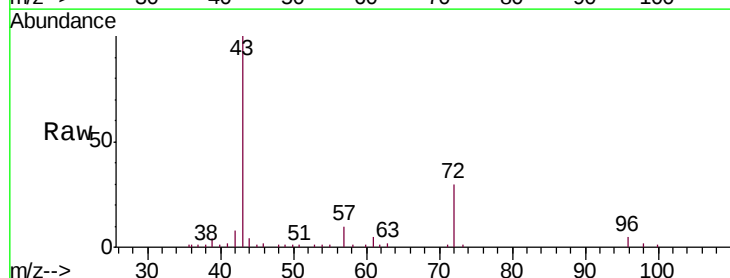
Acq: 10 Apr 2019 14:51

Tgt Ion: 43 Resp: 60319

Ion Ratio Lower Upper

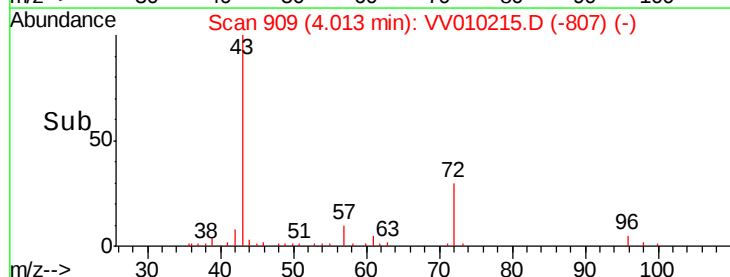
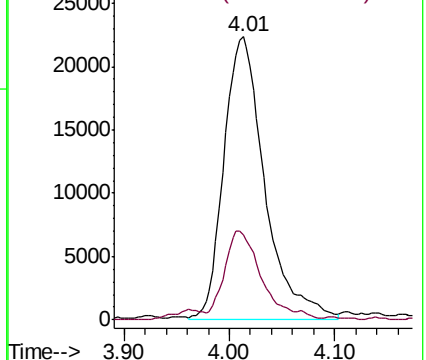
43 100

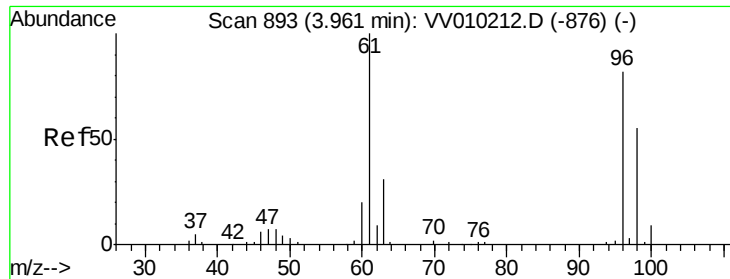
72 24.2 13.5 40.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

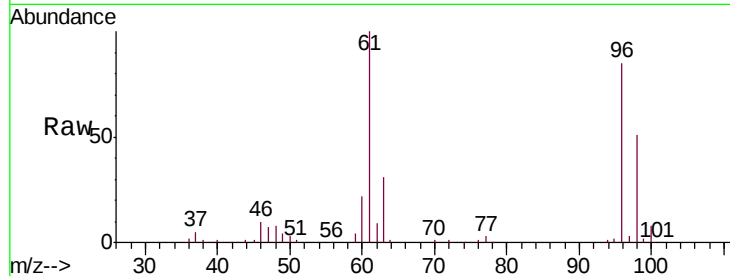




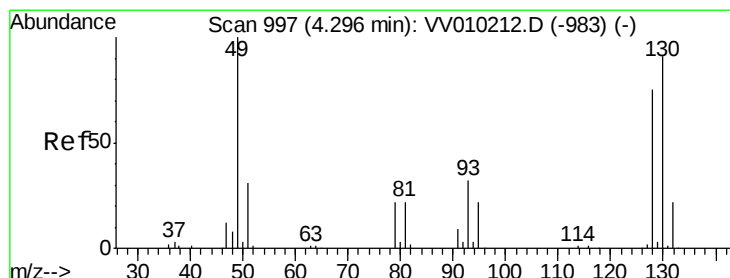
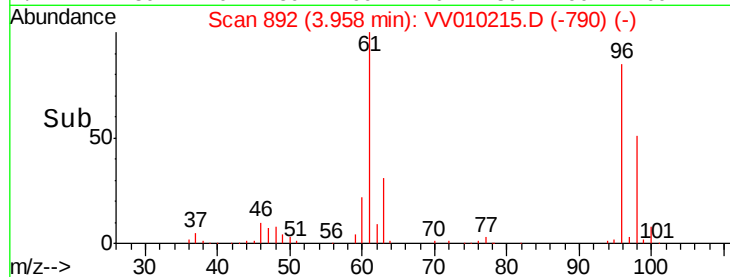
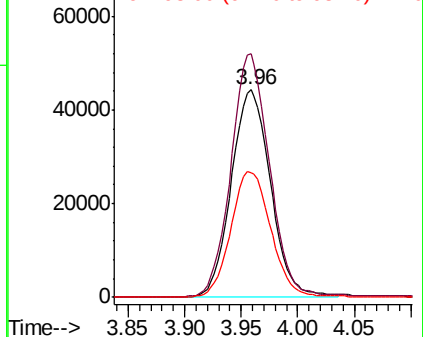
#22

cis-1,2-Dichloroethene
 Concen: 26.207 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	117.5	84.9	157.7
98	60.4	47.0	87.4



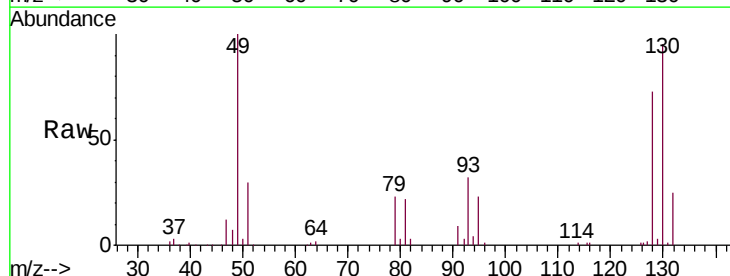
Abundance Ion 96.00 (95.70 to 96.70): VV010215.D (-892) (-)



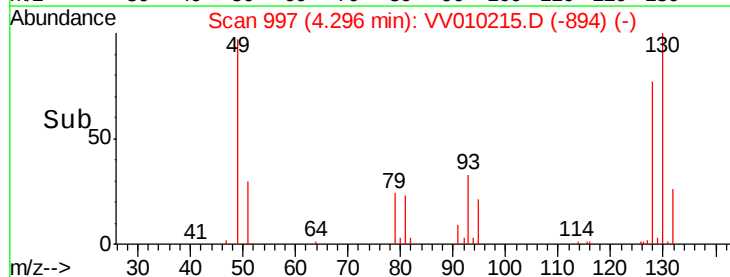
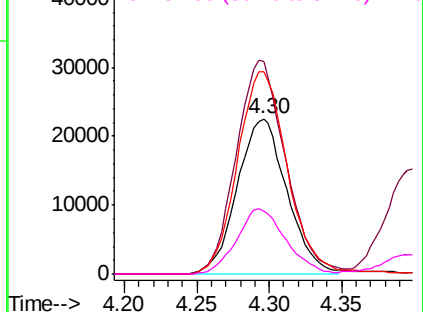
#23

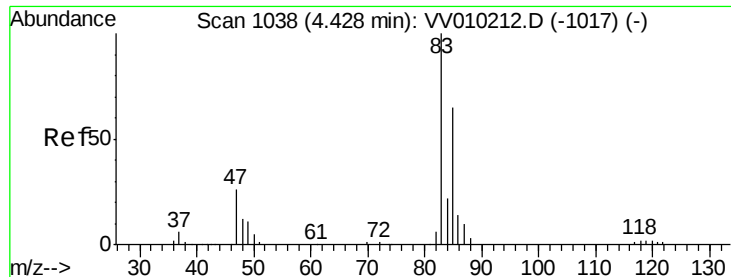
Bromochloromethane
 Concen: 26.566 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
49	136.8	93.4	173.4
130	130.5	84.5	156.9
51	40.6	32.5	48.7



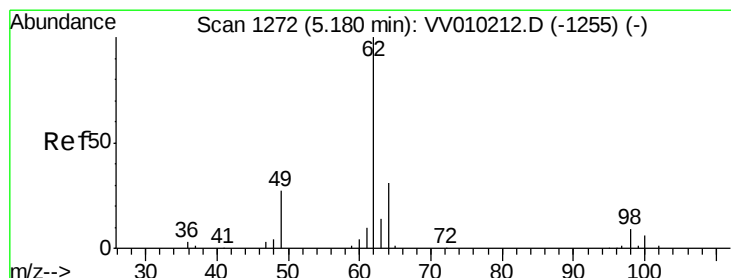
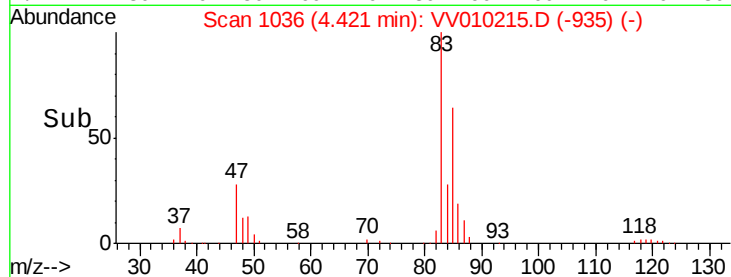
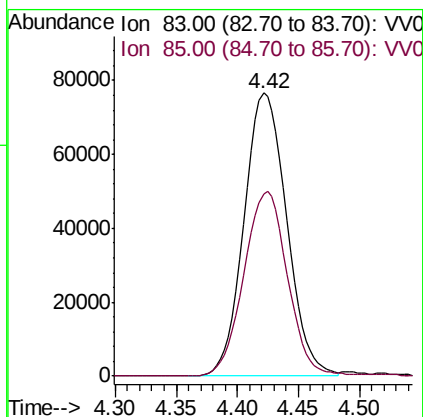
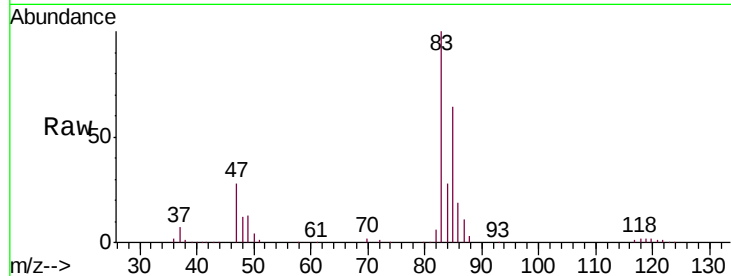
Abundance Ion 128.00 (127.70 to 128.70): VV010215.D (-894) (-)





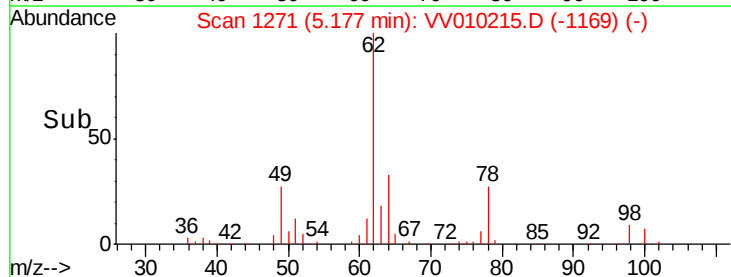
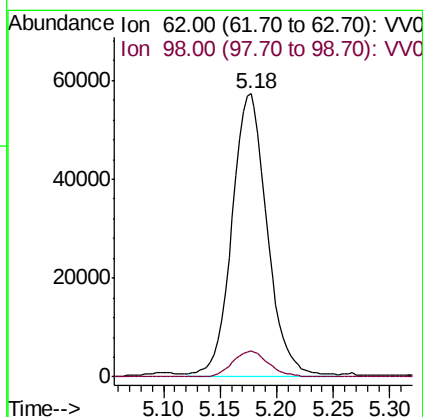
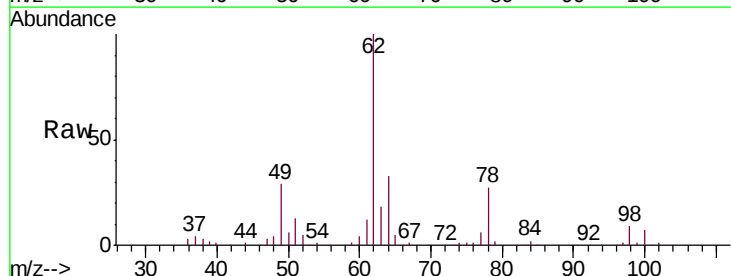
#25
Chloroform
Concen: 25.238 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

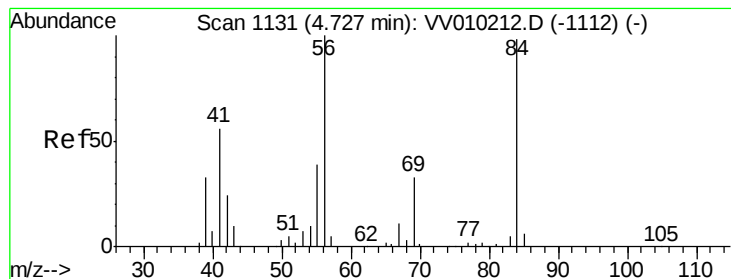
Tgt Ion: 83 Resp: 185993
Ion Ratio Lower Upper
83 100
85 66.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 26.493 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion: 62 Resp: 124954
Ion Ratio Lower Upper
62 100
98 9.1 7.4 11.2





#30

Cyclohexane

Concen: 23.995 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

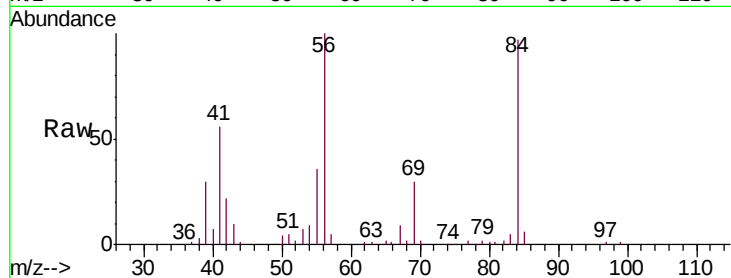
Tgt Ion: 56 Resp: 135016

Ion Ratio Lower Upper

56 100

69 31.0 25.7 38.5

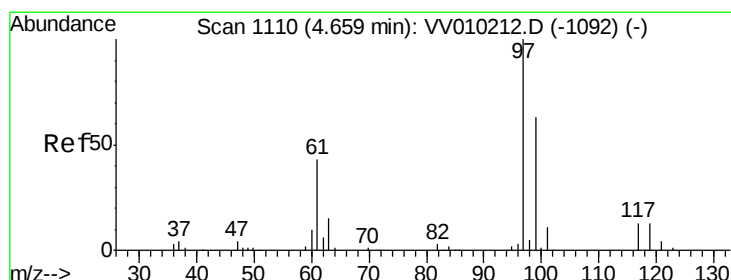
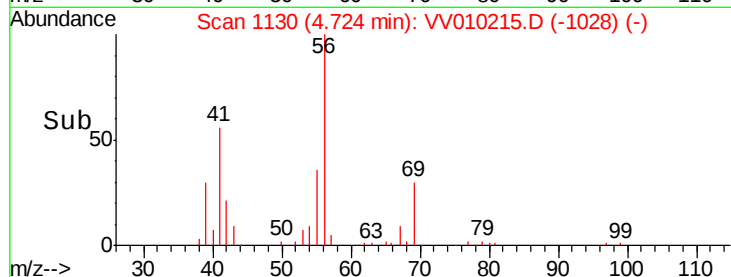
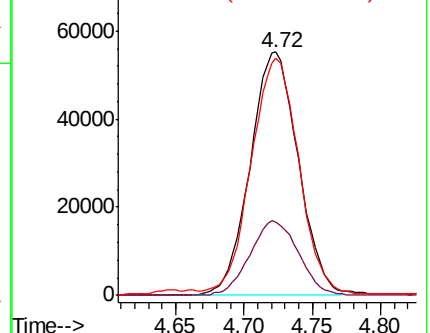
84 95.4 77.5 116.3



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#31

1,1,1-Trichloroethane

Concen: 24.341 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

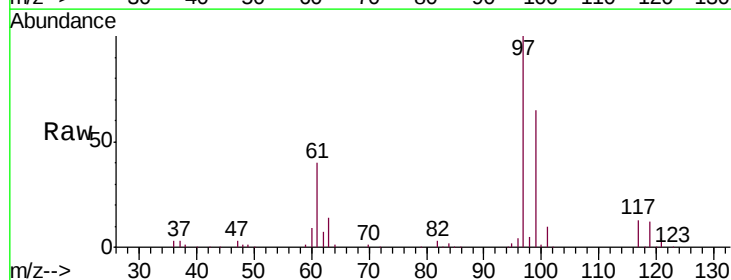
Tgt Ion: 97 Resp: 152986

Ion Ratio Lower Upper

97 100

99 65.4 52.2 78.2

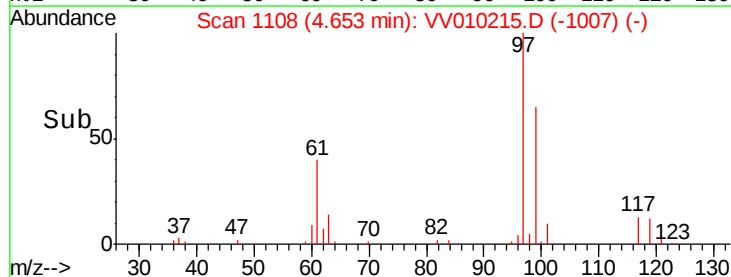
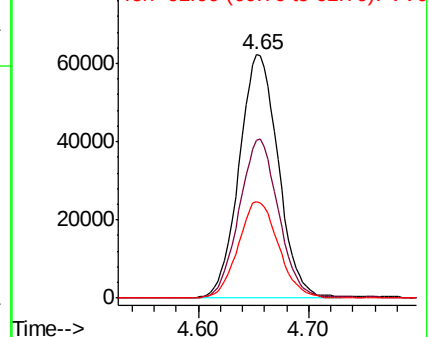
61 40.9 33.4 50.0

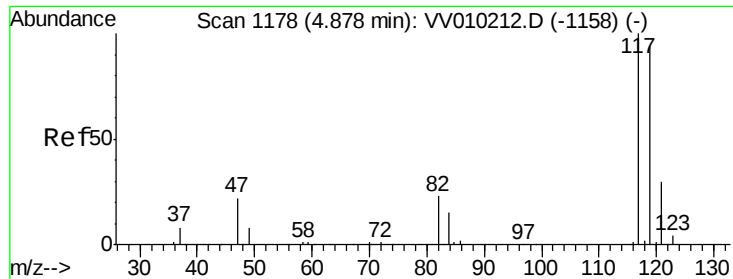


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#32

Carbon tetrachloride

Concen: 24.144 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VV010215.D

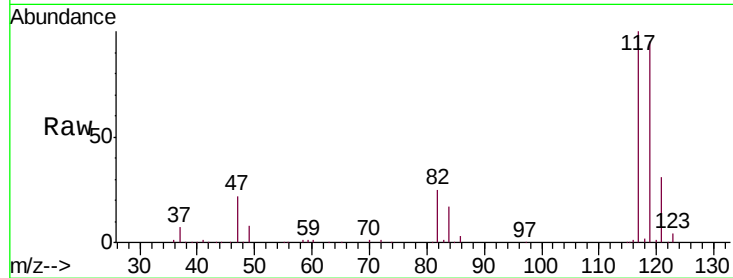
Acq: 10 Apr 2019 14:51

Tgt Ion: 117 Resp: 141411

Ion Ratio Lower Upper

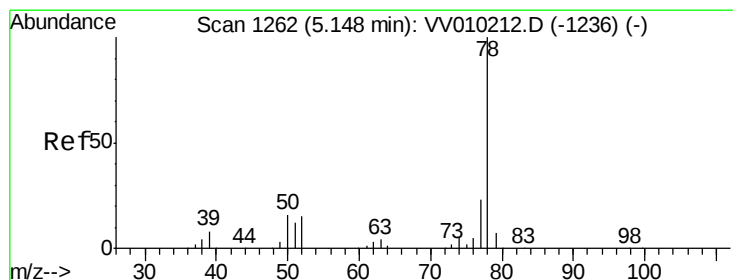
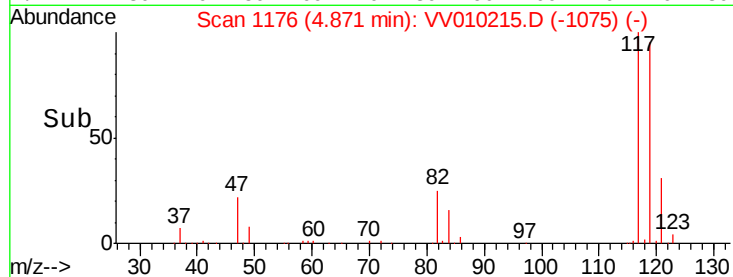
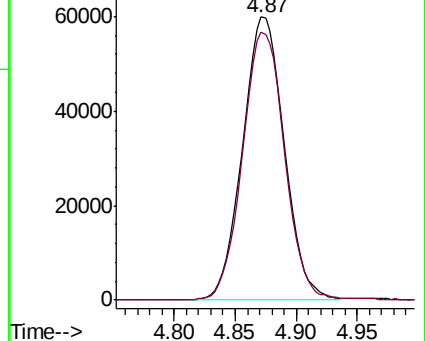
117 100

119 95.3 77.6 116.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.434 ug/L

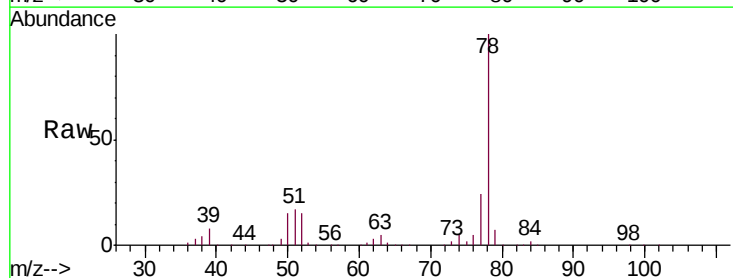
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

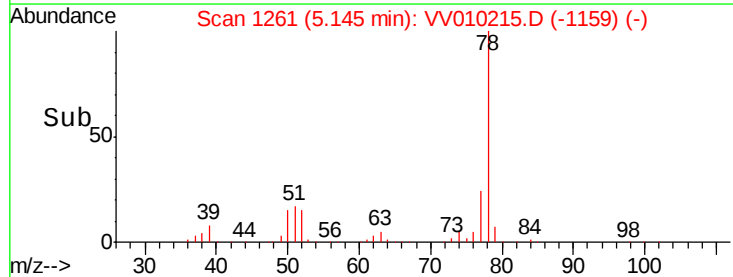
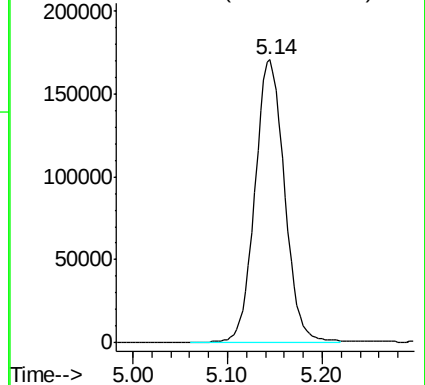
Lab File: VV010215.D

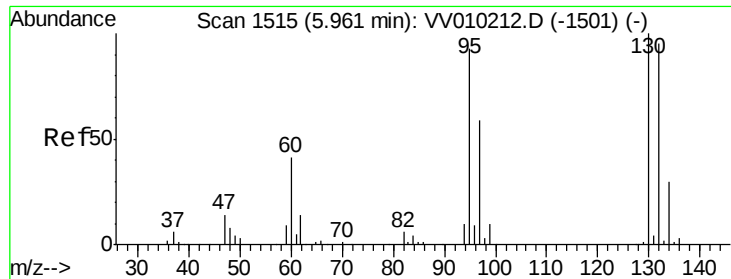
Acq: 10 Apr 2019 14:51

Tgt Ion: 78 Resp: 372158



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 23.822 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

Tgt Ion: 95 Resp: 104834

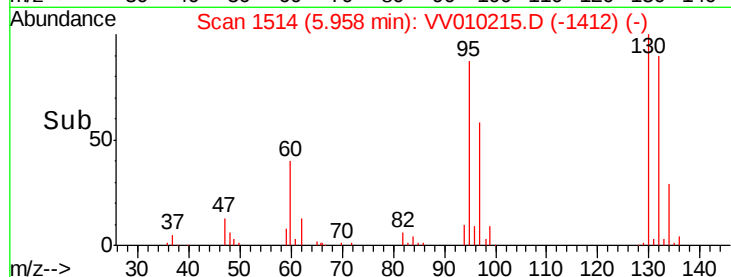
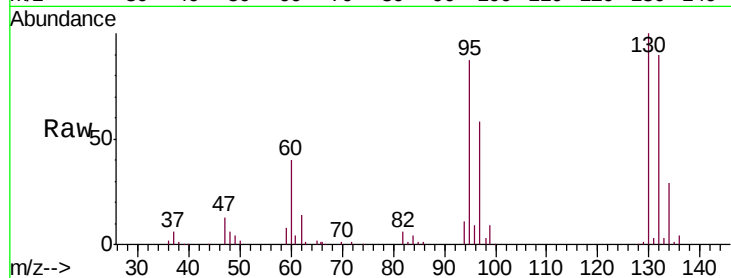
Ion Ratio Lower Upper

95 100

97 64.6 44.3 82.3

132 103.5 71.3 132.3

130 111.8 73.4 136.4

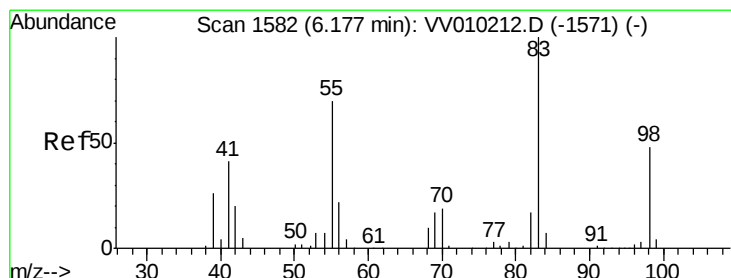
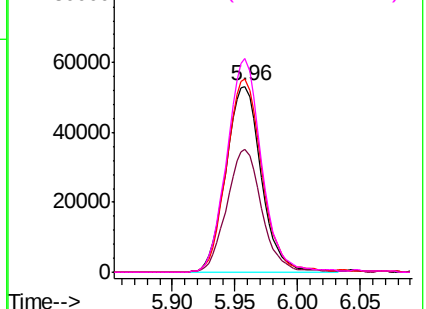


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

Concen: 24.359 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

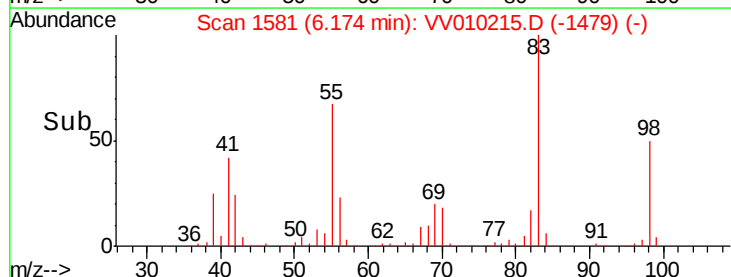
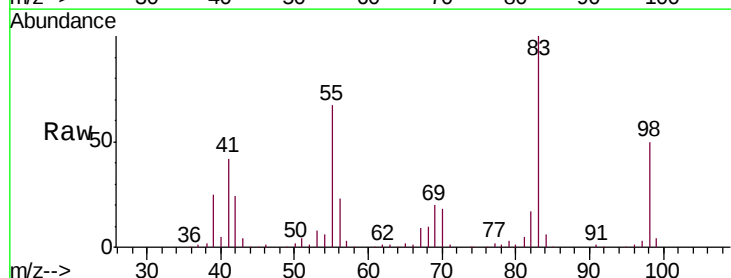
Tgt Ion: 83 Resp: 160182

Ion Ratio Lower Upper

83 100

55 68.1 55.7 83.5

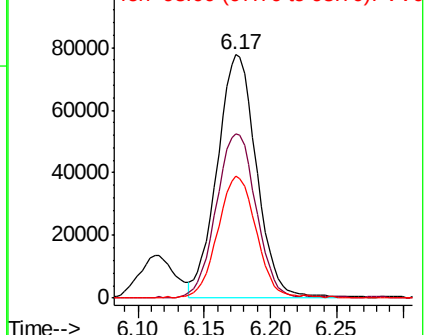
98 49.0 39.4 59.2

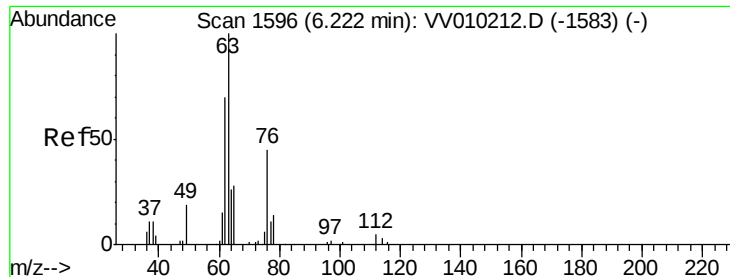


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#40

1,2-Dichloropropane

Concen: 24.047 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV010215.D

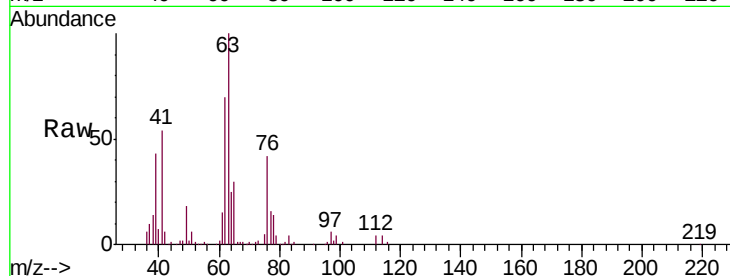
Acq: 10 Apr 2019 14:51

Tgt Ion: 63 Resp: 89622

Ion Ratio Lower Upper

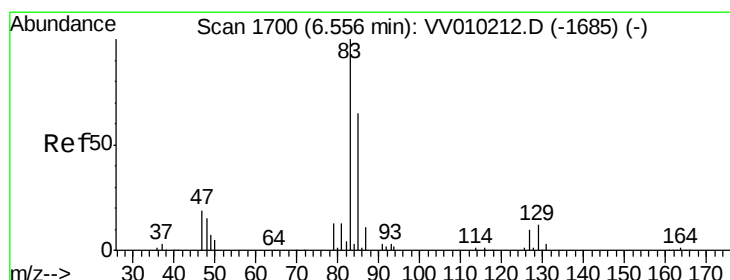
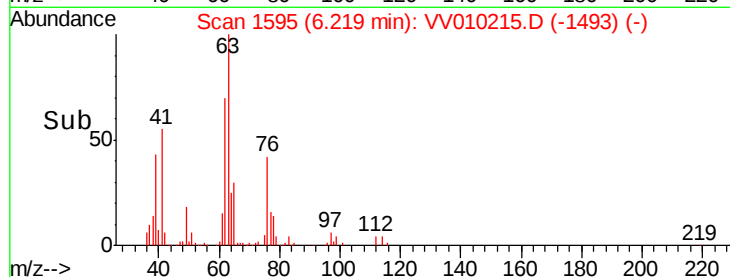
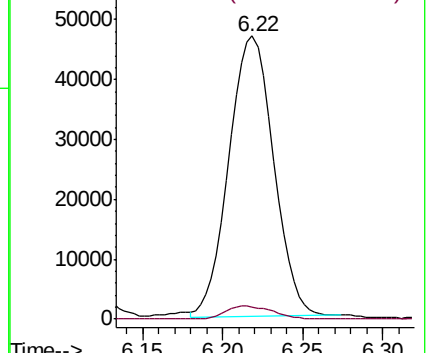
63 100

112 5.0 4.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#41

Bromodichloromethane

Concen: 25.471 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

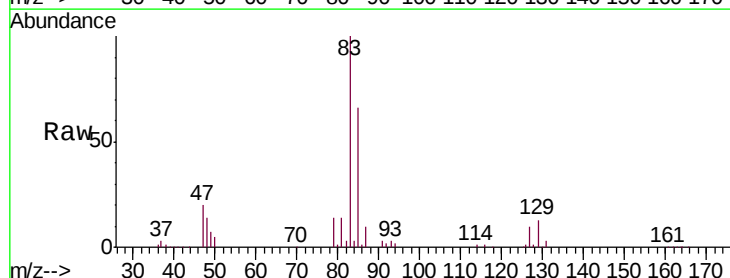
Tgt Ion: 83 Resp: 126489

Ion Ratio Lower Upper

83 100

85 66.0 45.7 84.9

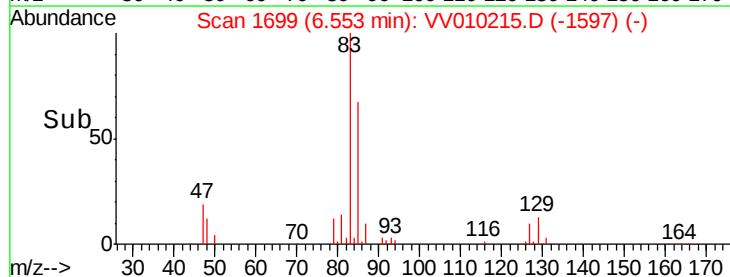
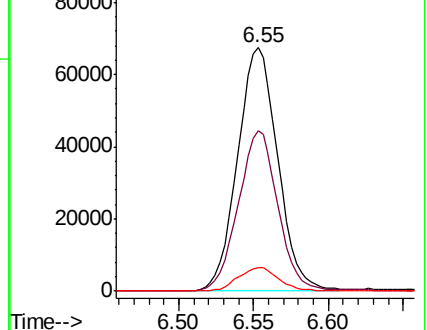
127 9.7 8.2 12.2

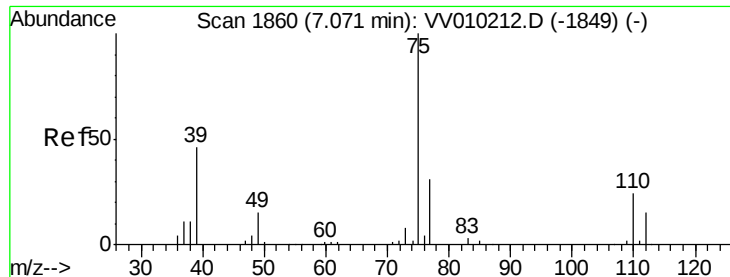


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

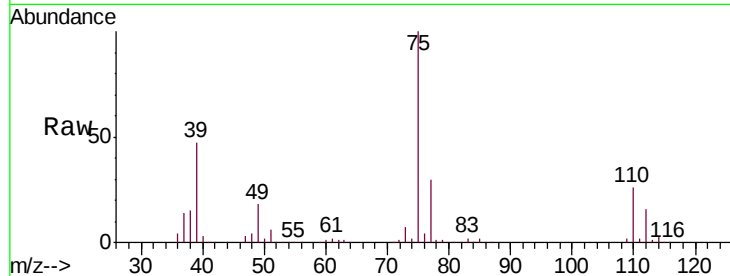




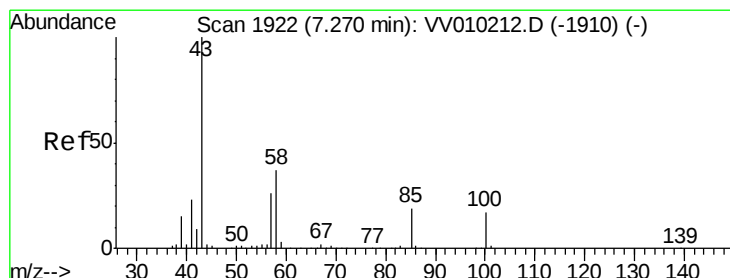
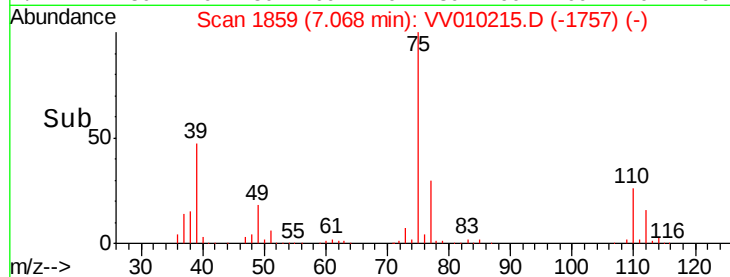
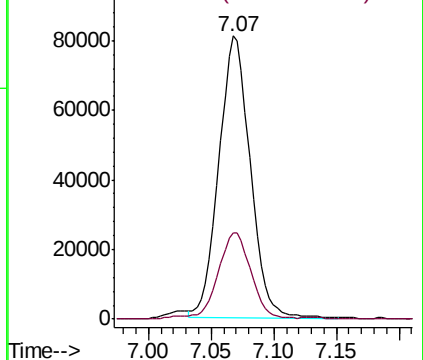
#42

cis-1,3-Dichloropropene
Concen: 25.019 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion: 75 Resp: 141305
Ion Ratio Lower Upper
75 100
77 30.4 21.9 40.7



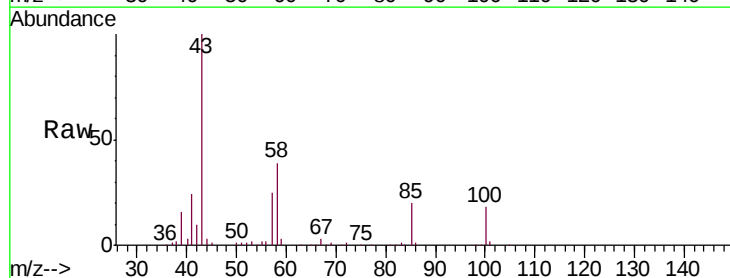
Abundance Ion 75.00 (74.70 to 75.70): VV010215.D (-1757) (-)
Ion 77.00 (76.70 to 77.70): VV010215.D (-1757) (-)



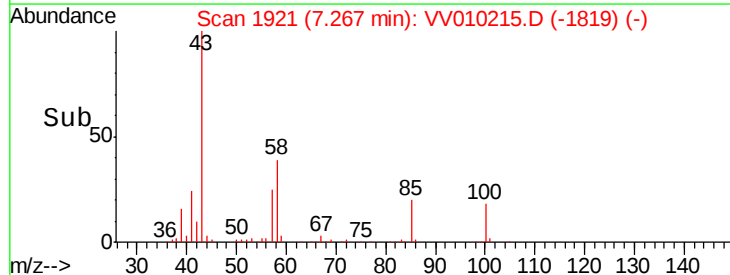
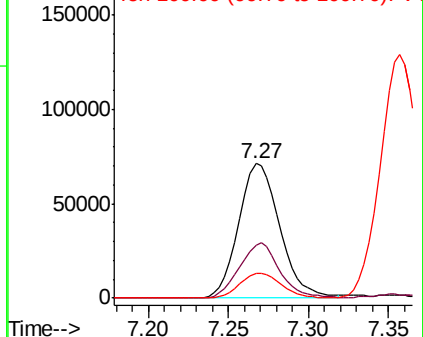
#43

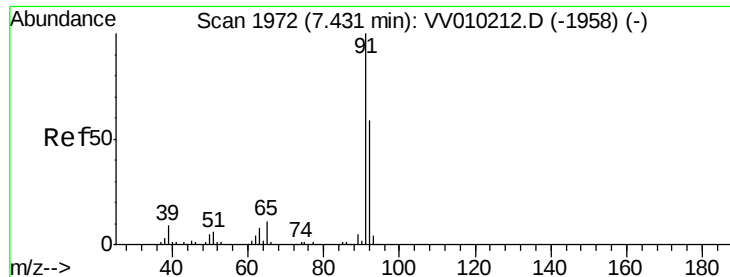
4-Methyl-2-pentanone
Concen: 52.030 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion: 43 Resp: 125502
Ion Ratio Lower Upper
43 100
58 40.1 30.4 45.6
100 18.5 13.5 20.3



Abundance Ion 43.00 (42.70 to 43.70): VV010215.D (-1819) (-)
Ion 58.00 (57.70 to 58.70): VV010215.D (-1819) (-)
Ion 100.00 (99.70 to 100.70): VV010215.D (-1819) (-)





#44

Toluene

Concen: 24.752 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV010215.D

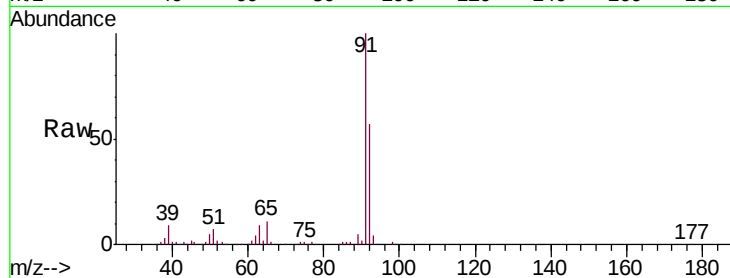
Acq: 10 Apr 2019 14:51

Tgt Ion: 91 Resp: 423827

Ion Ratio Lower Upper

91 100

92 56.9 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV010212.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV010215.D (-1869) (-)

7.43

250000

200000

150000

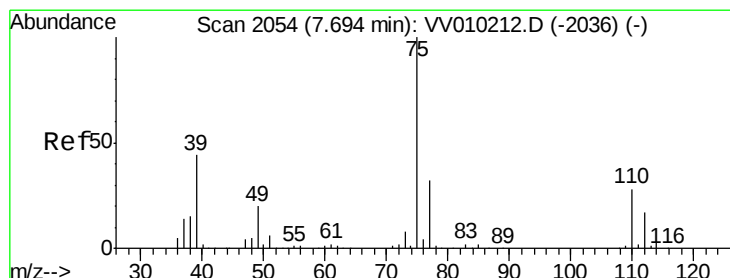
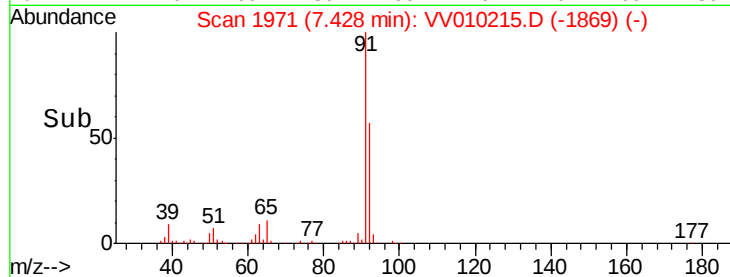
100000

50000

0

7.40 7.50

Time-->



#45

trans-1,3-Dichloropropene

Concen: 26.651 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV010215.D

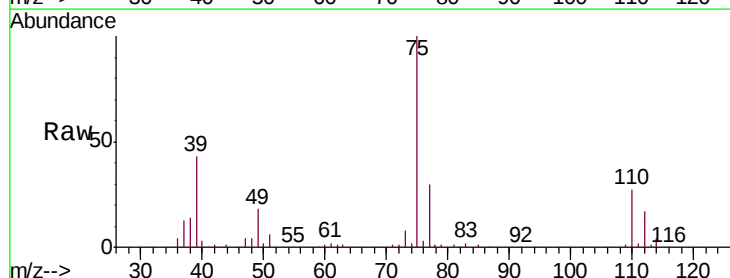
Acq: 10 Apr 2019 14:51

Tgt Ion: 75 Resp: 126325

Ion Ratio Lower Upper

75 100

77 30.2 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VV010212.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV010215.D (-1951) (-)

7.69

80000

60000

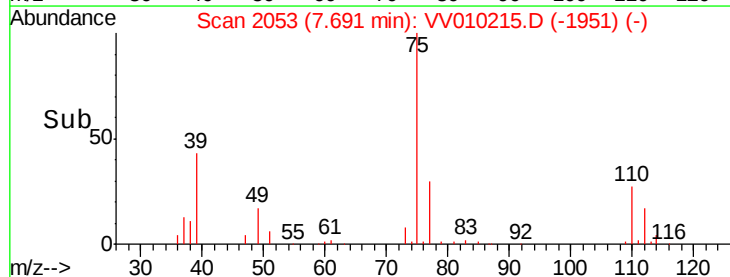
40000

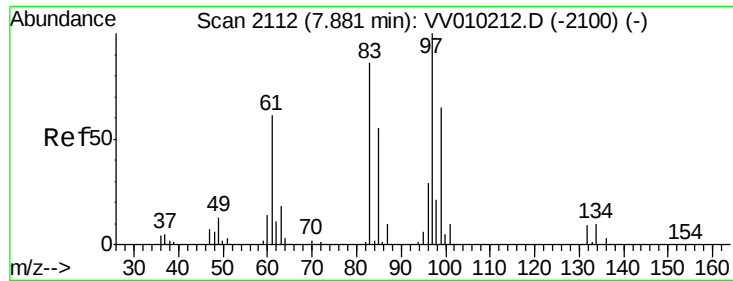
20000

0

7.60 7.65 7.70 7.75

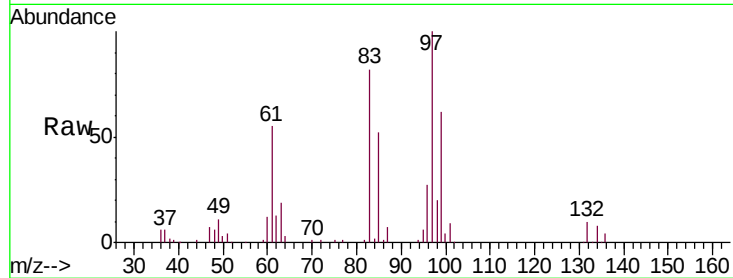
Time-->





#46
 1,1,2-Trichloroethane
 Concen: 25.972 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	97	Resp:	82108
Ion	Ratio	Lower	Upper
97	100		
83	81.8	60.5	112.5
85	52.3	38.8	72.0
99	62.5	45.6	84.6

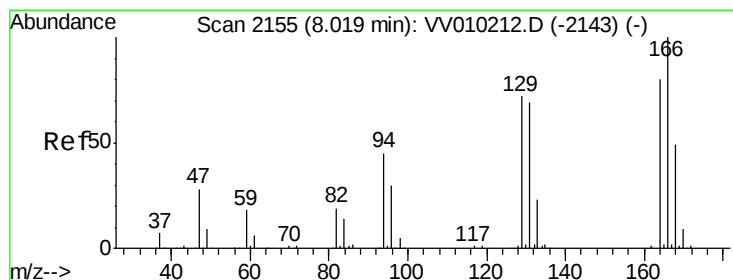
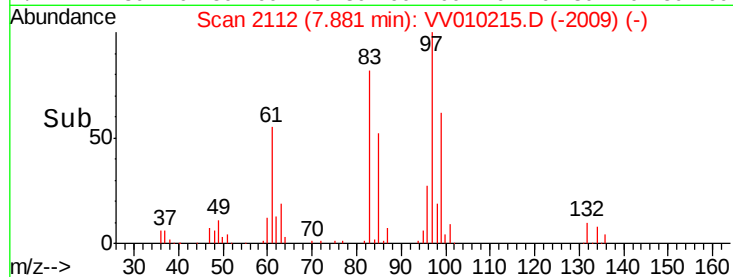
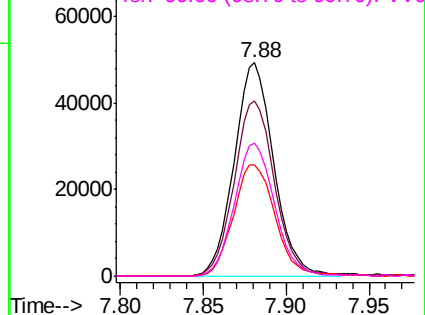


Abundance Ion 97.00 (96.70 to 97.70): VV010215.D (-2099) (-)

Ion 83.00 (82.70 to 83.70): VV010215.D (-2099) (-)

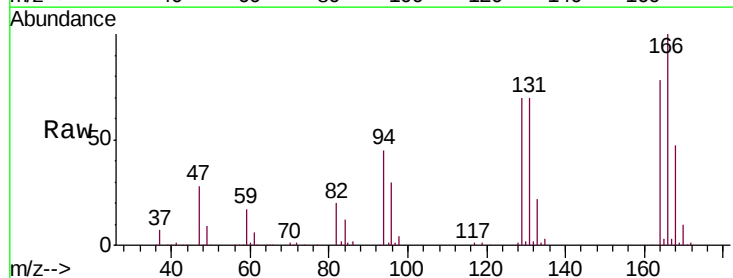
Ion 85.00 (84.70 to 85.70): VV010215.D (-2099) (-)

Ion 99.00 (98.70 to 99.70): VV010215.D (-2099) (-)



#47
 Tetrachloroethene
 Concen: 23.693 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	164	Resp:	92431
Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.6	116.2
131	88.8	60.0	111.4
166	127.5	87.4	162.2

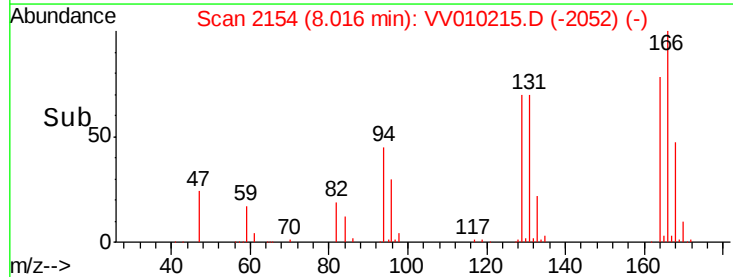
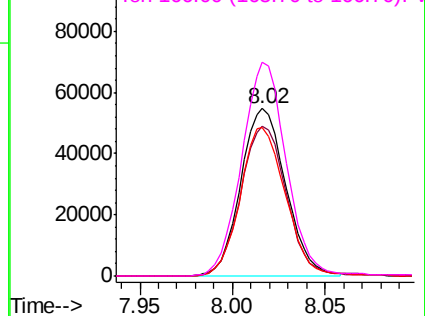


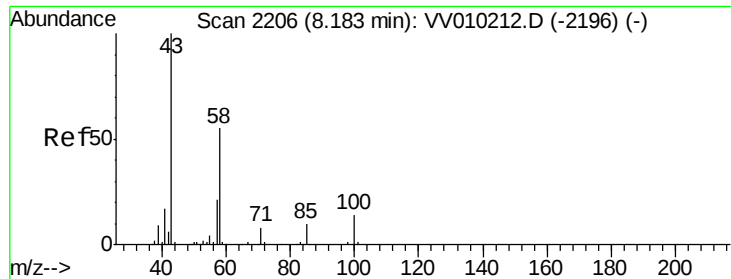
Abundance Ion 164.00 (163.70 to 164.70): VV010215.D (-2052) (-)

Ion 129.00 (128.70 to 129.70): VV010215.D (-2052) (-)

Ion 131.00 (130.70 to 131.70): VV010215.D (-2052) (-)

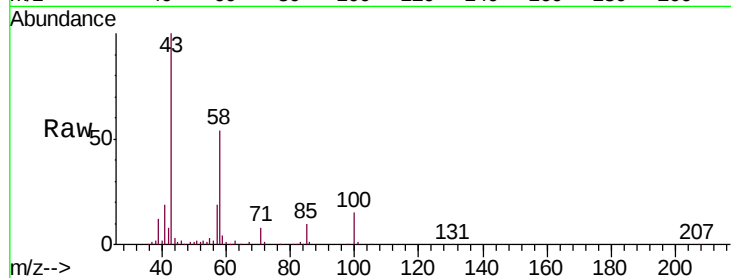
Ion 166.00 (165.70 to 166.70): VV010215.D (-2052) (-)



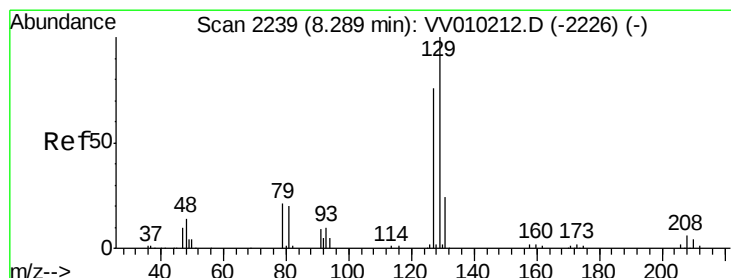
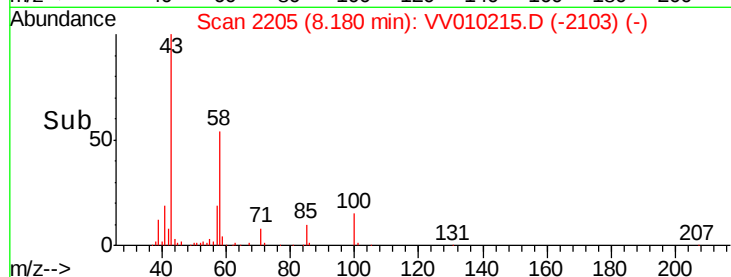
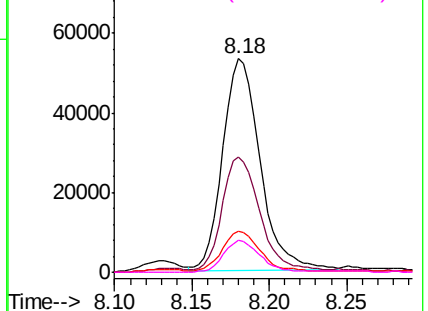


#49
2-Hexanone
Concen: 56.728 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion:	43	Resp:	89966
Ion	Ratio	Lower	Upper
43	100		
58	55.5	42.8	64.2
57	20.0	16.2	24.4
100	14.7	11.1	16.7

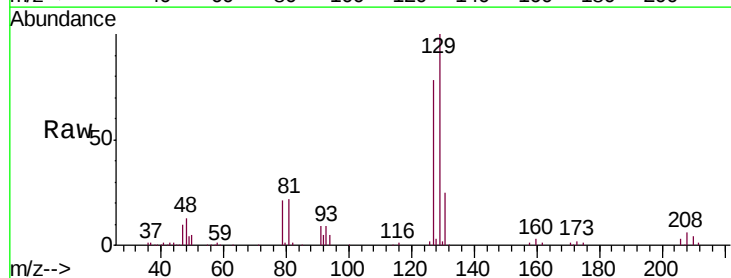


Abundance Ion 43.00 (42.70 to 43.70): VV010215.D (-2103) (-)
Ion 58.00 (57.70 to 58.70): VV010215.D (-2103) (-)
Ion 57.00 (56.70 to 57.70): VV010215.D (-2103) (-)
Ion 100.00 (99.70 to 100.70): VV010215.D (-2103) (-)

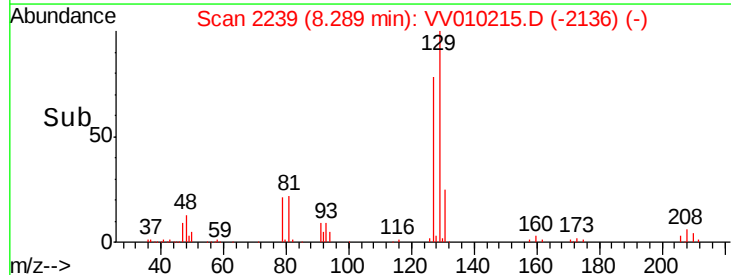
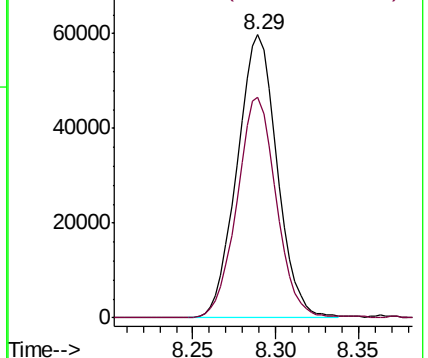


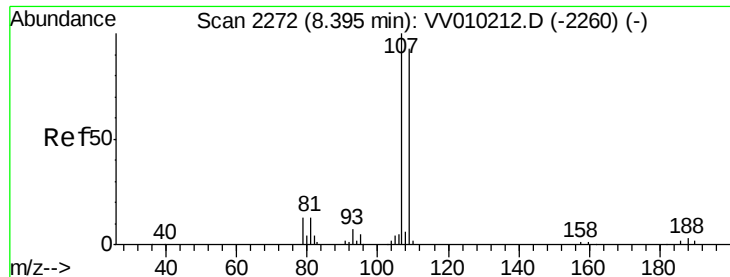
#50
Dibromochloromethane
Concen: 25.966 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion:	129	Resp:	100418
Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.8	98.2



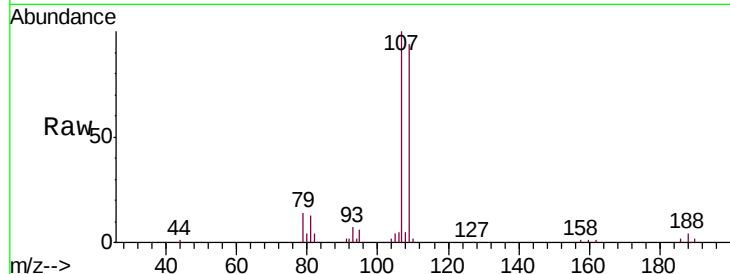
Abundance Ion 129.00 (128.70 to 129.70): VV010215.D (-2136) (-)
Ion 127.00 (126.70 to 127.70): VV010215.D (-2136) (-)



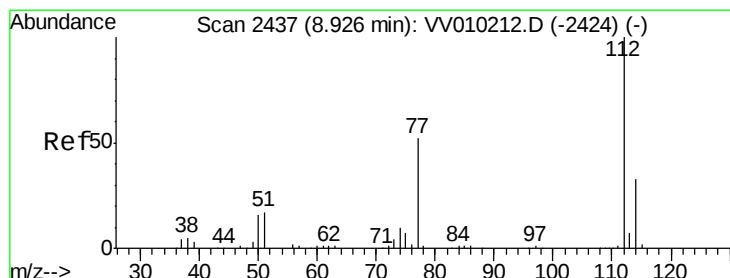
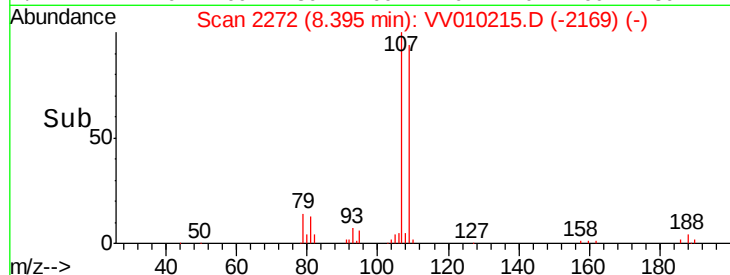
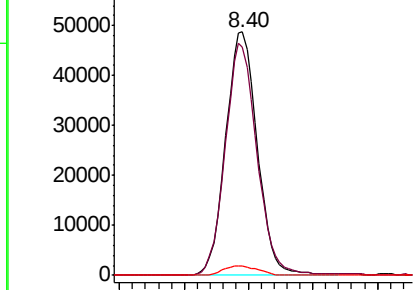


#51
1,2-Dibromoethane
Concen: 25.750 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	65.2	121.0
188	3.9	2.7	4.1

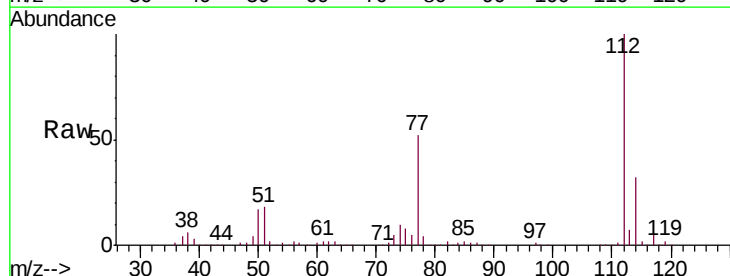


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

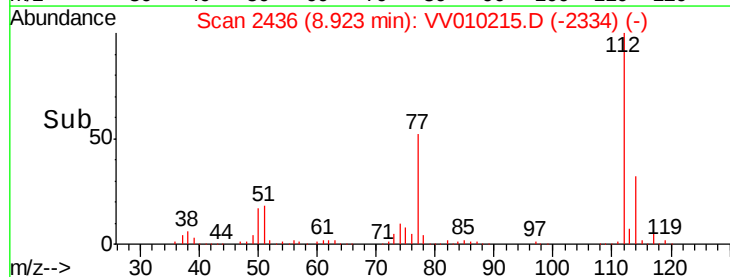
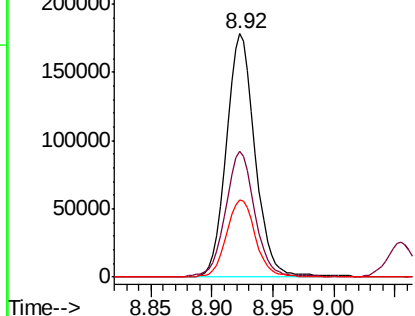


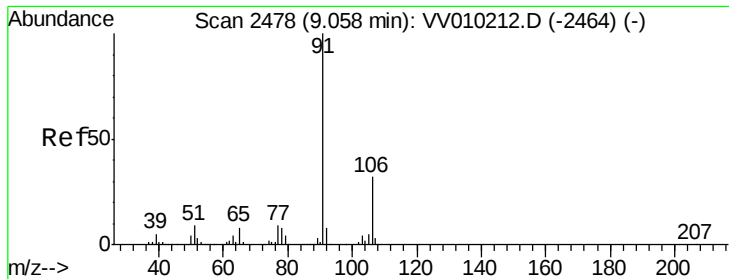
#52
Chlorobenzene
Concen: 24.560 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
112	100		
77	51.9	42.2	63.2
114	31.6	23.4	43.4



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 77.00 (76.70 to 77.70): V
Ion 114.00 (113.70 to 114.70): V





#53

Ethylbenzene

Concen: 24.638 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV010215.D

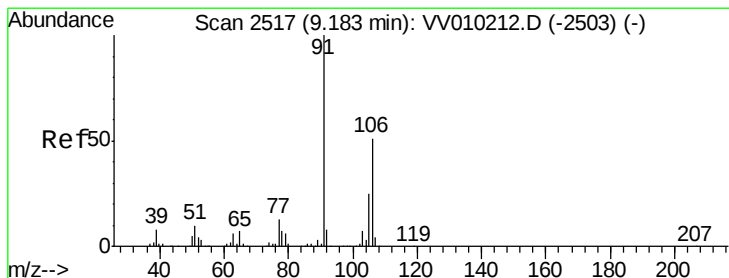
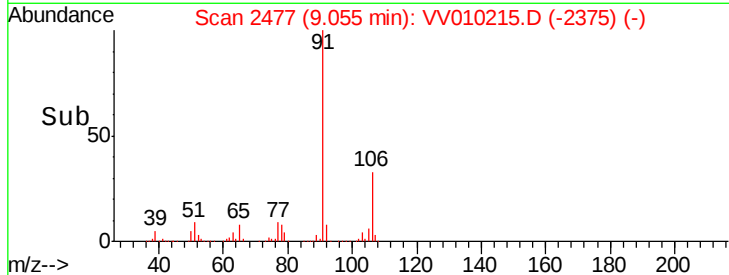
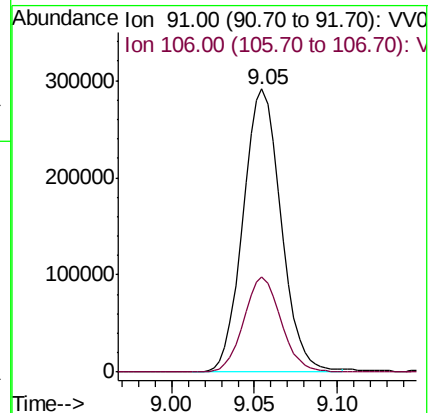
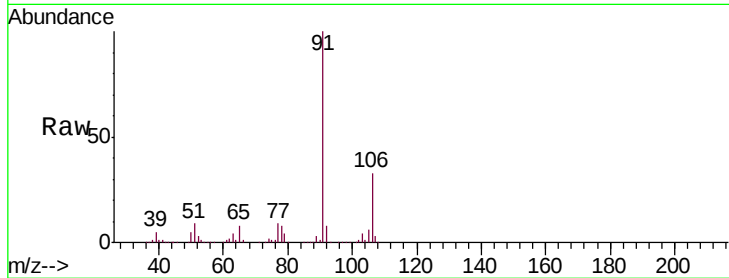
Acq: 10 Apr 2019 14:51

Tgt Ion: 91 Resp: 465211

Ion Ratio Lower Upper

91 100

106 33.5 22.5 41.9



#54

m,p-Xylene

Concen: 24.707 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV010215.D

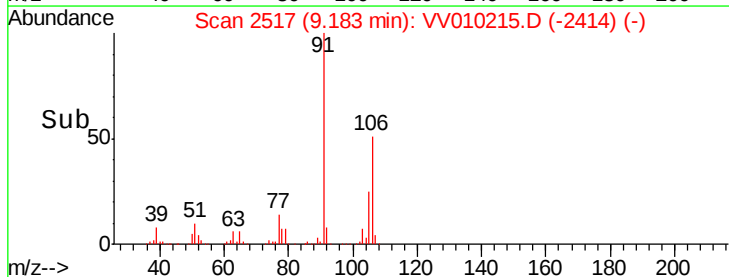
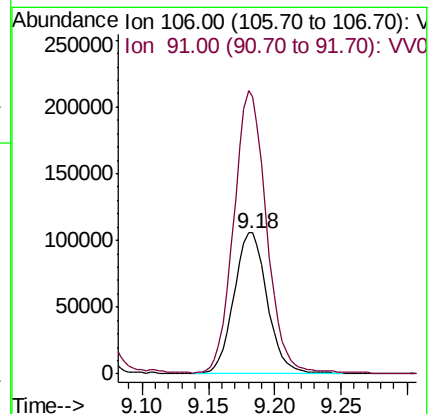
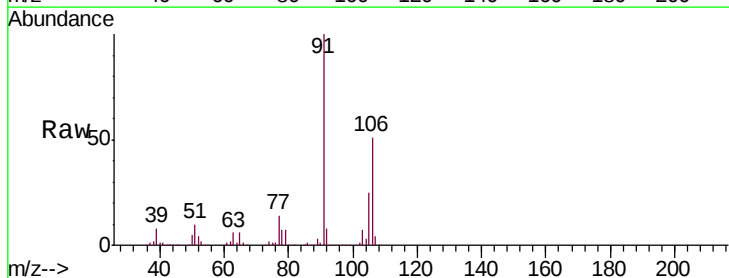
Acq: 10 Apr 2019 14:51

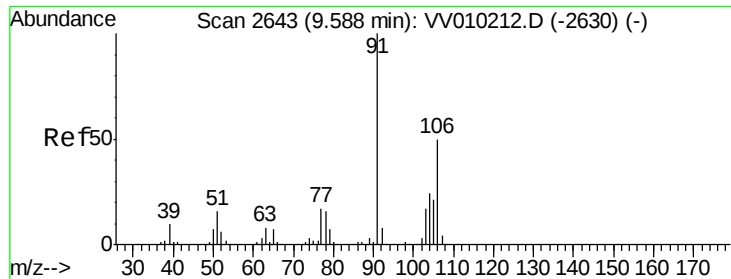
Tgt Ion: 106 Resp: 184037

Ion Ratio Lower Upper

106 100

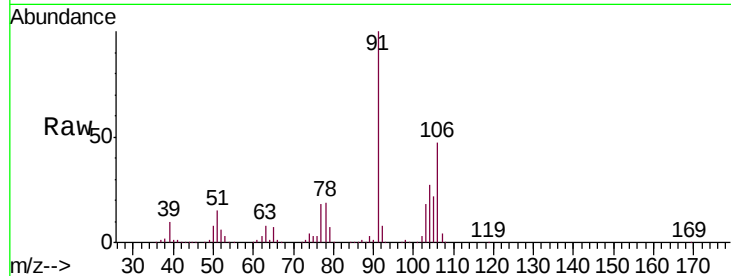
91 196.6 136.6 253.6



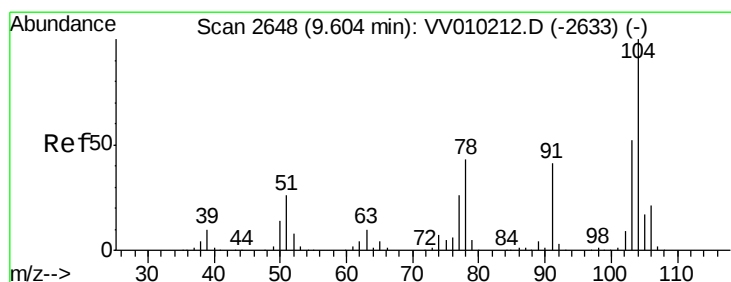
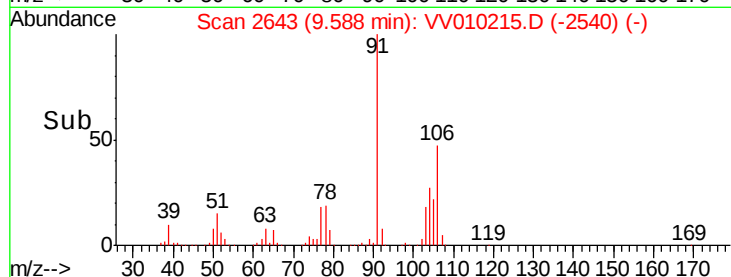
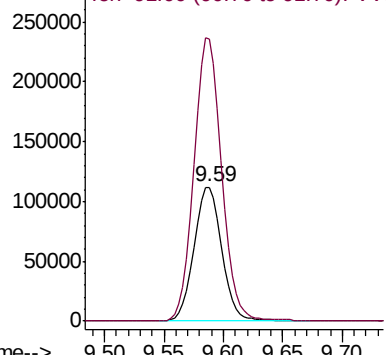


#55
o-xylene
Concen: 24.550 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion:106 Resp: 182100
Ion Ratio Lower Upper
106 100
91 211.0 139.4 259.0

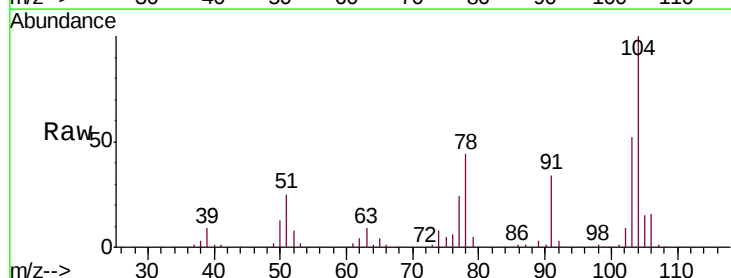


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

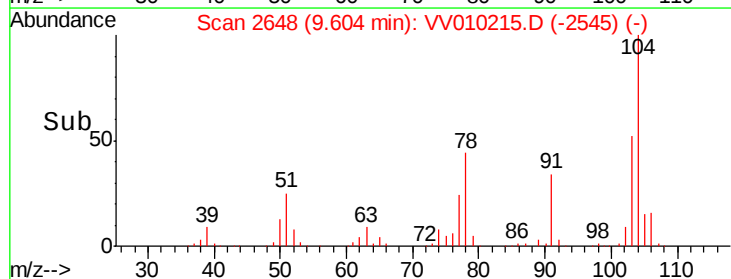
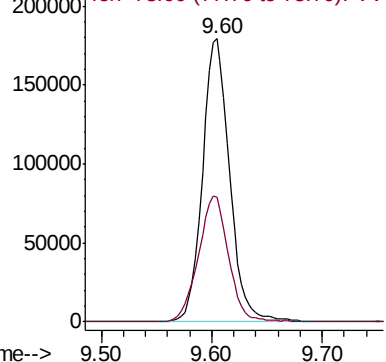


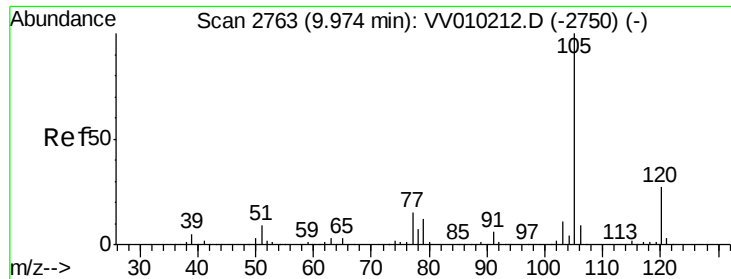
#56
Styrene
Concen: 25.941 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion:104 Resp: 306360
Ion Ratio Lower Upper
104 100
78 43.9 30.3 56.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#57

Isopropylbenzene

Concen: 24.971 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

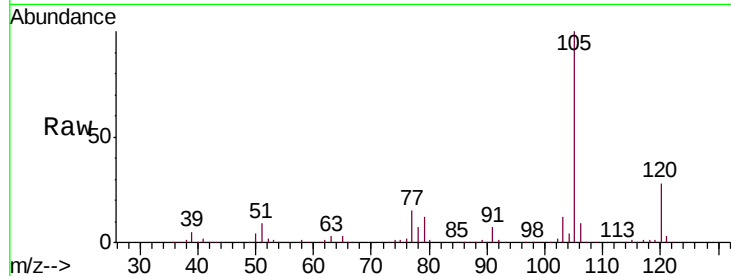
Tgt Ion: 105 Resp: 470765

Ion Ratio Lower Upper

105 100

120 27.5 22.2 33.2

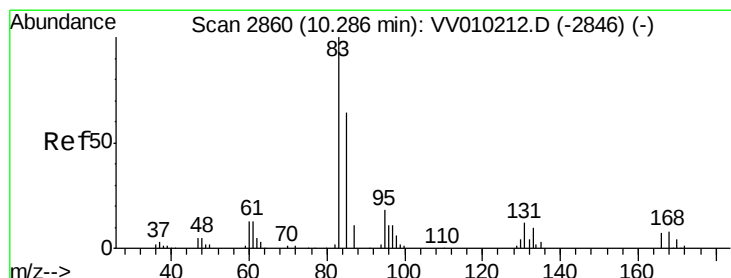
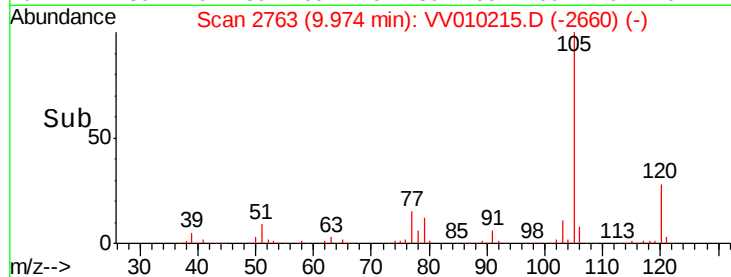
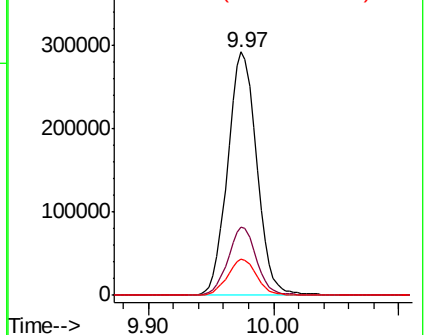
77 14.9 12.2 18.4



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 25.819 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

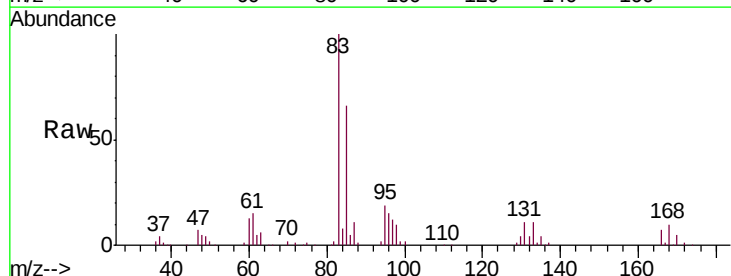
Tgt Ion: 83 Resp: 100882

Ion Ratio Lower Upper

83 100

85 65.8 44.9 83.5

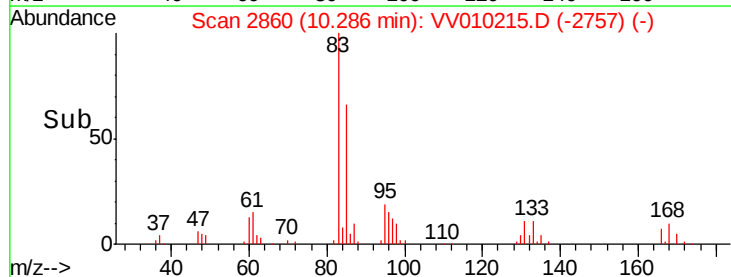
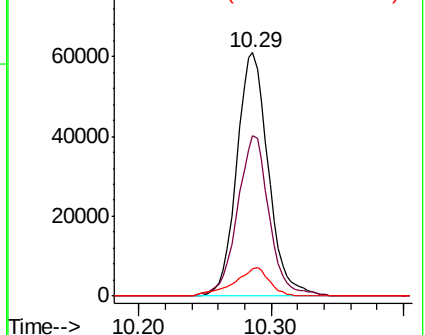
131 11.2 9.2 13.8

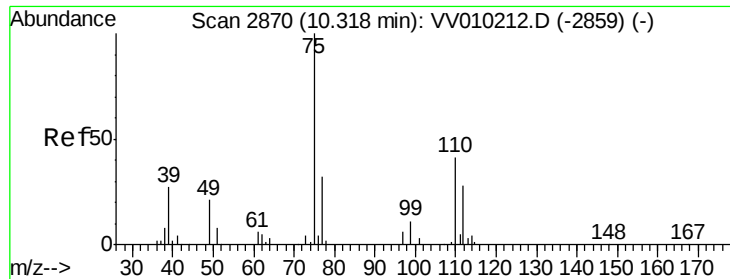


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.042 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VV010215.D

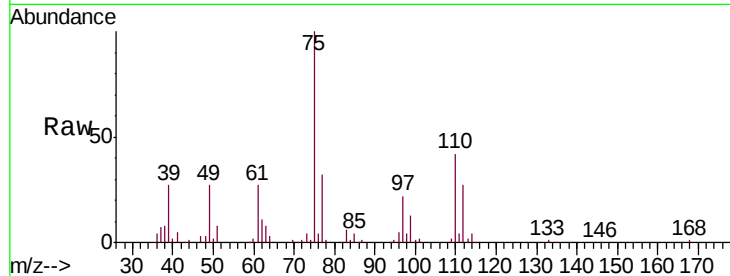
Acq: 10 Apr 2019 14:51

Tgt Ion: 75 Resp: 74888

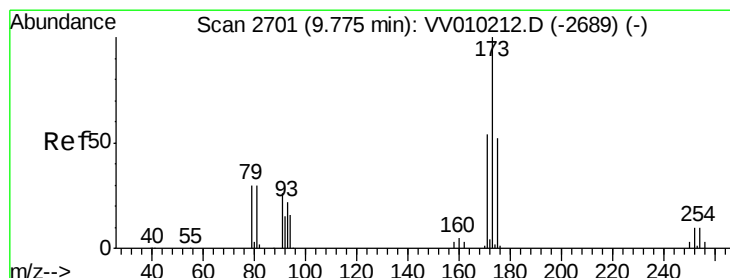
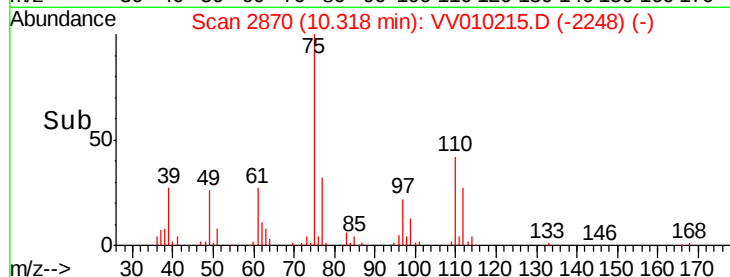
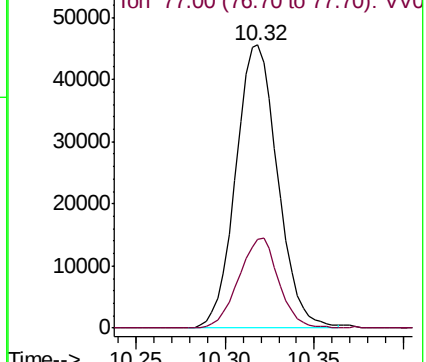
Ion Ratio Lower Upper

75 100

77 30.6 26.9 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV010215.D (-2859) (-)



#62

Bromoform

Concen: 26.857 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

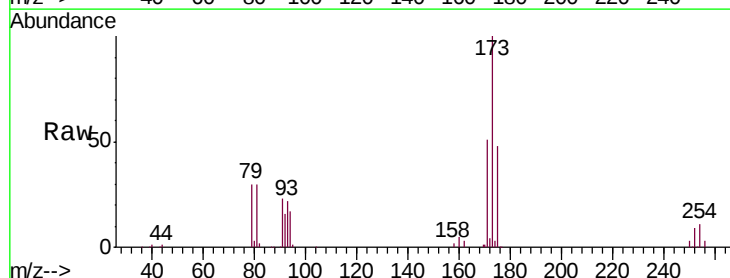
Tgt Ion: 173 Resp: 59229

Ion Ratio Lower Upper

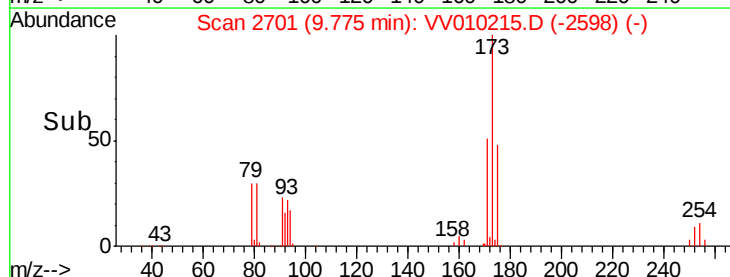
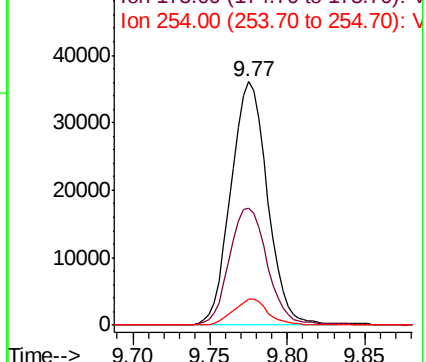
173 100

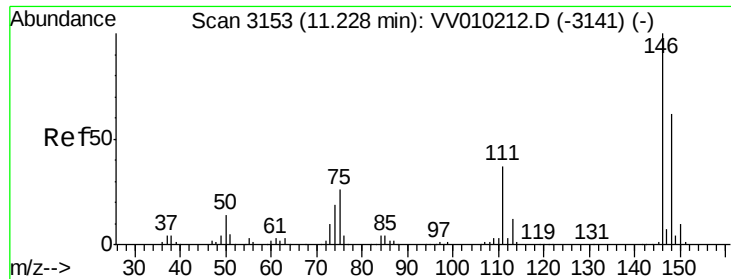
175 49.8 40.3 60.5

254 10.2 8.0 12.0



Abundance Ion 173.00 (172.70 to 173.70): VV010215.D (-2689) (-)





#63

1,3-Dichlorobenzene

Concen: 25.513 ug/L

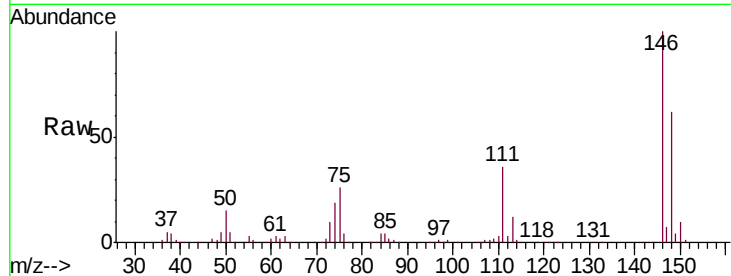
RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

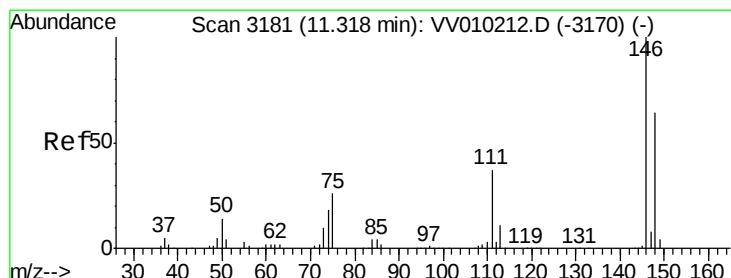
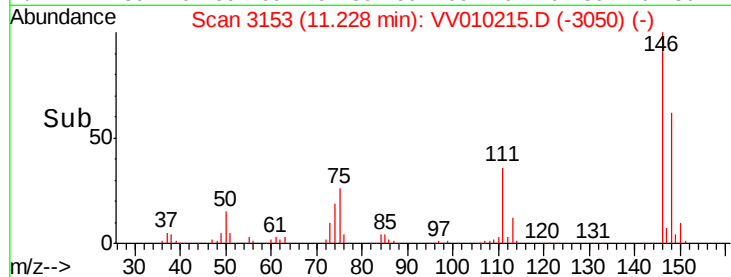
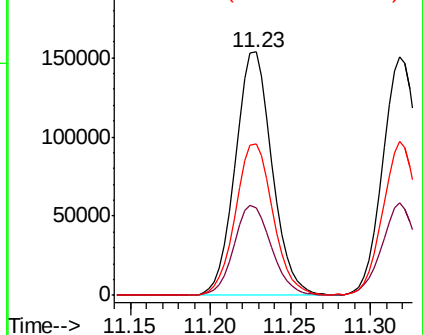
Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

Tgt Ion:	146	Resp:	240387
Ion	Ratio	Lower	Upper
146	100		
111	35.9	26.2	48.8
148	62.3	43.2	80.2



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



#64

1,4-Dichlorobenzene

Concen: 25.433 ug/L

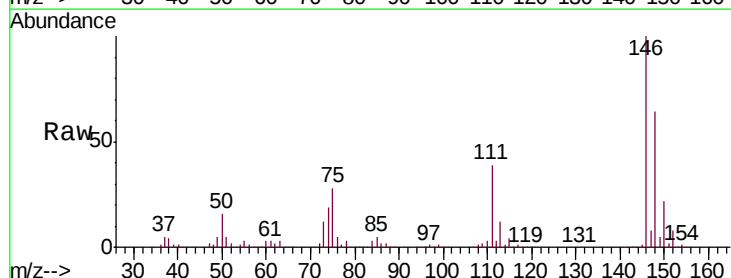
RT: 11.32 min Scan# 3181

Delta R.T. 0.00 min

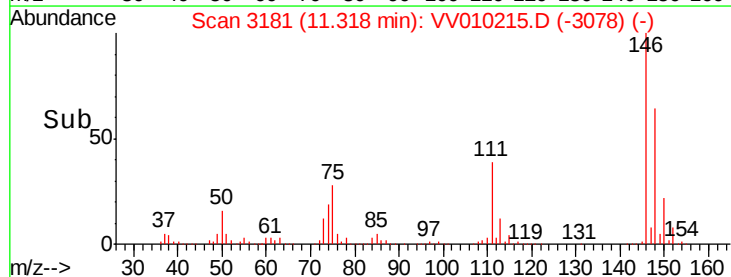
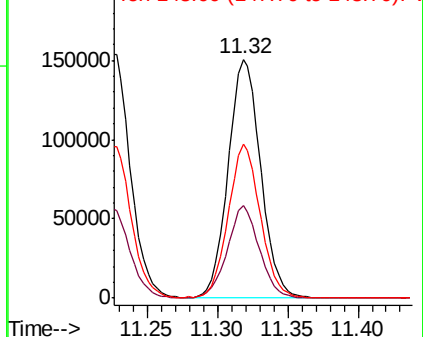
Lab File: VV010215.D

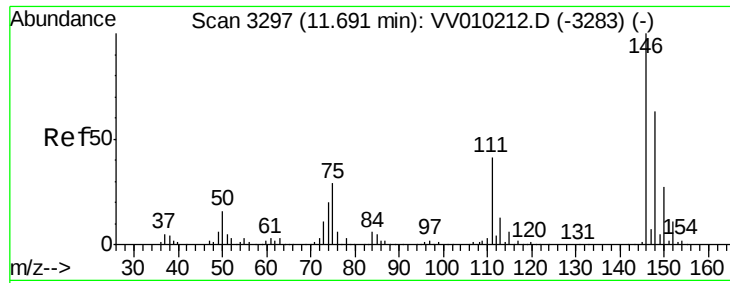
Acq: 10 Apr 2019 14:51

Tgt Ion:	146	Resp:	243843
Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.5	49.3
148	64.2	45.3	84.1



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: 25.445 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

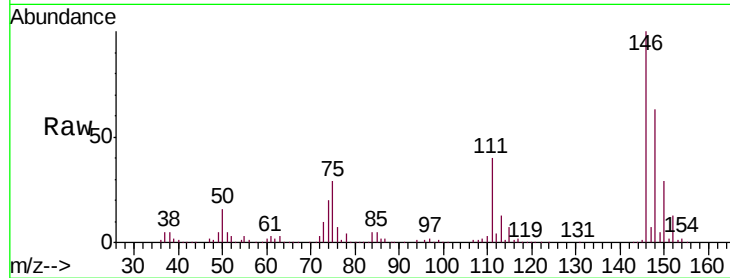
Tgt Ion: 146 Resp: 228846

Ion Ratio Lower Upper

146 100

111 40.4 32.5 48.7

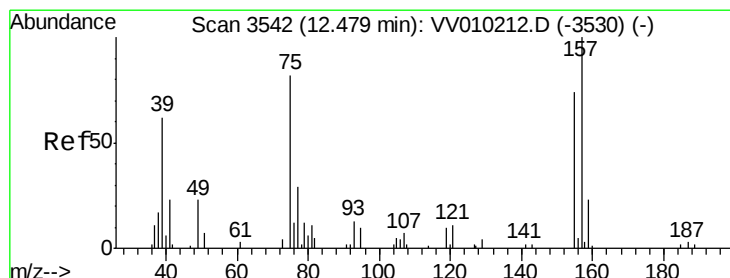
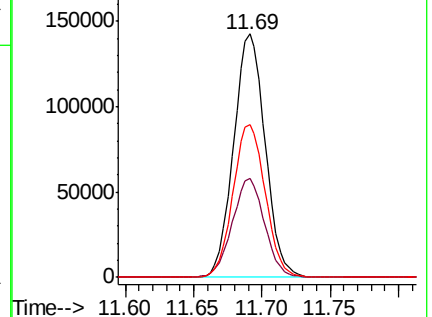
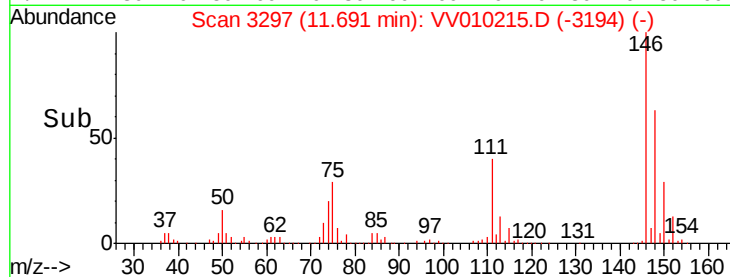
148 62.9 50.7 76.1



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: 27.991 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. -0.00 min

Lab File: VV010215.D

Acq: 10 Apr 2019 14:51

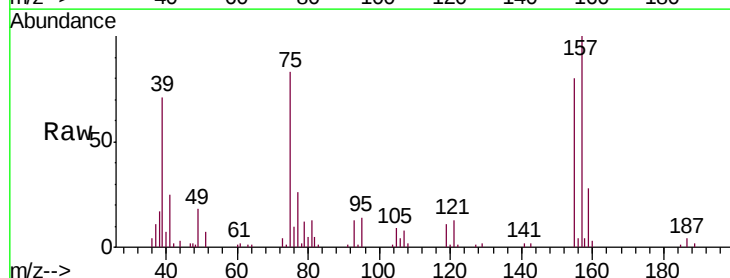
Tgt Ion: 75 Resp: 14242

Ion Ratio Lower Upper

75 100

157 120.6 97.4 146.2

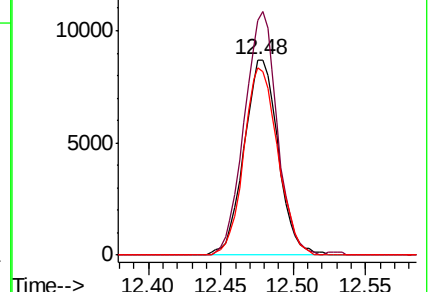
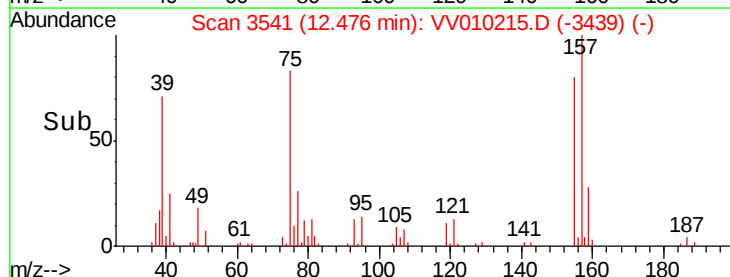
155 95.9 72.5 108.7

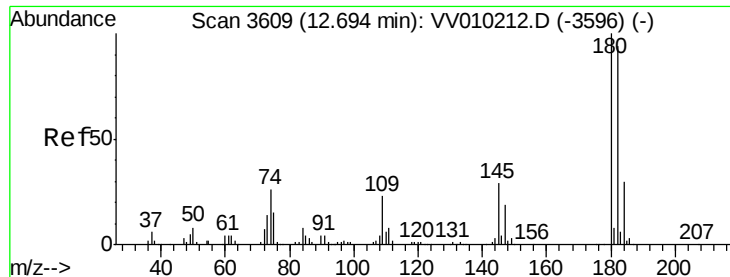


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 157.00 (156.70 to 157.70): V

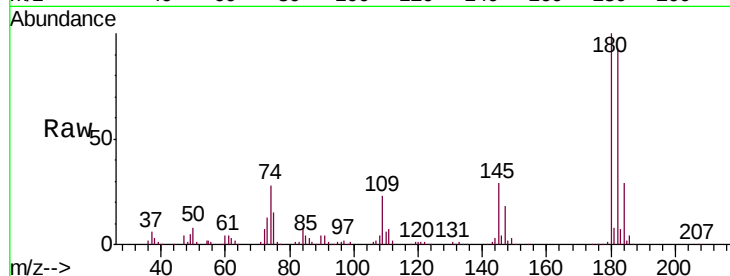
Ion 155.00 (154.70 to 155.70): V



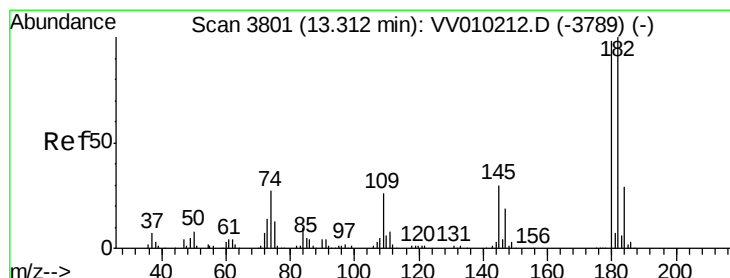
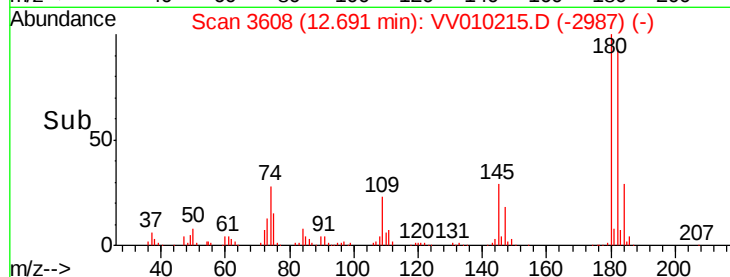
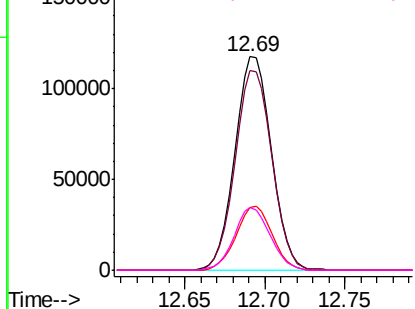


#67
 1,3,5-Trichlorobenzene
 Concen: 26.116 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	180	Resp:	182336
Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.5	113.3
184	29.6	23.8	35.8
145	29.1	22.9	34.3

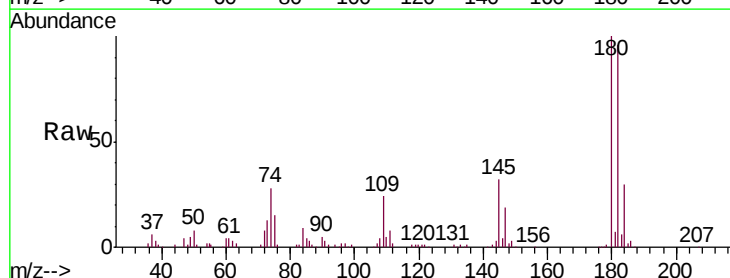


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

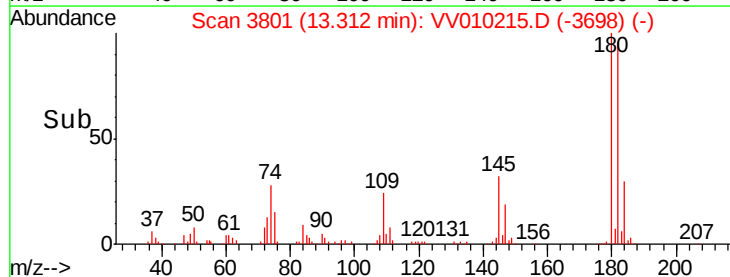
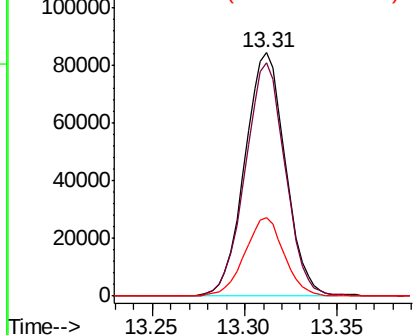


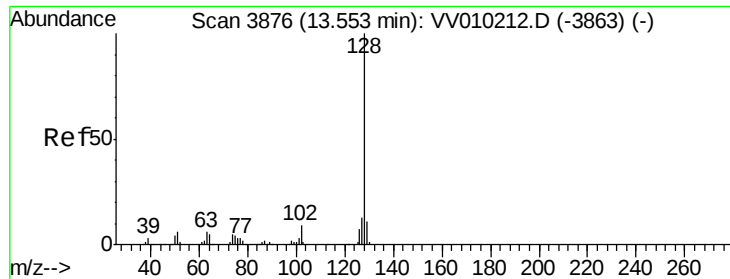
#68
 1,2,4-trichlorobenzene
 Concen: 26.870 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV010215.D
 Acq: 10 Apr 2019 14:51

Tgt Ion:	180	Resp:	128545
Ion	Ratio	Lower	Upper
180	100		
182	94.2	78.8	118.2
145	31.1	24.5	36.7



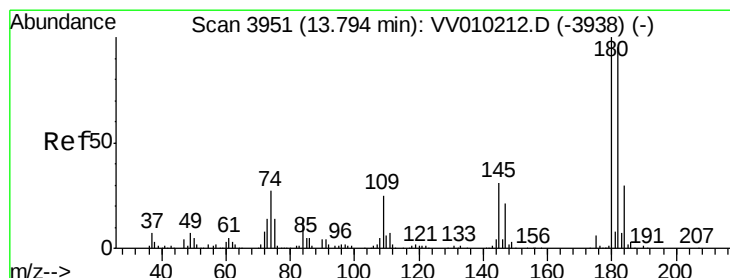
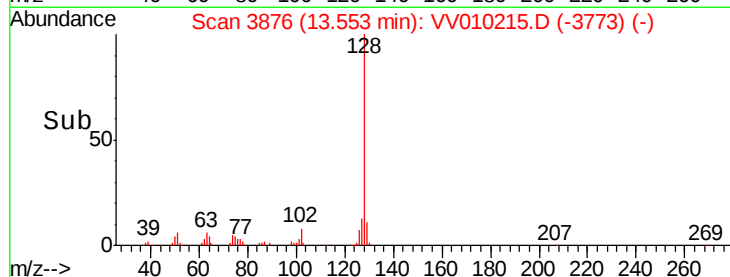
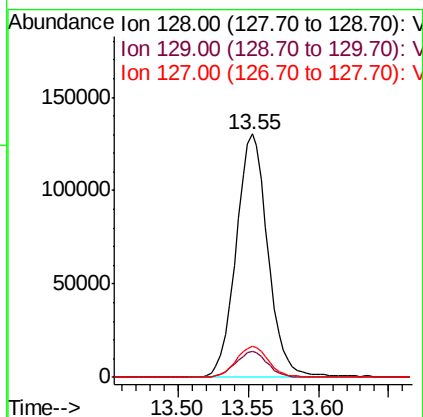
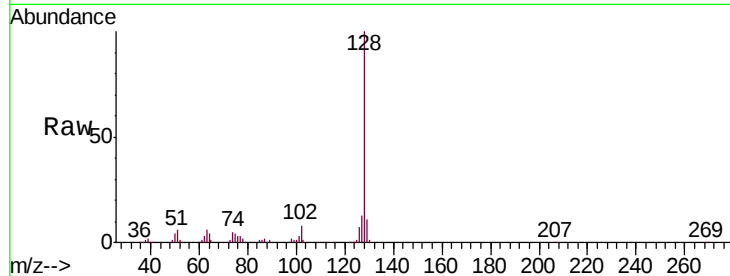
Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69
Naphthalene
Concen: 31.541 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.1	10.6	15.8



#70
1,2,3-Trichlorobenzene
Concen: 27.653 ug/L
RT: 13.79 min Scan# 3951
Delta R.T. 0.00 min
Lab File: VV010215.D
Acq: 10 Apr 2019 14:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.2	114.4
145	32.9	24.9	37.3

