

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082319\
 Data File : VV012360.D
 Acq On : 23 Aug 2019 12:45
 Operator : SY/MD
 Sample : VSTD00134
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Quant Time: Aug 24 00:33:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 00:30:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	279382	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	265655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	122302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11885	0.71	ug/L	0.00
7) Chloroethane-d5	1.58	69	9111	0.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	21731	0.78	ug/L	0.00
20) 2-Butanone-d5	3.98	46	30275	8.14	ug/L	0.02
24) Chloroform-d	4.40	84	27861	0.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	12931	0.81	ug/L	0.00
32) Benzene-d6	5.10	84	54683	0.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16172	0.81	ug/L	0.00
41) Toluene-d8	7.36	98	47838	0.78	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6071	0.80	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	14854	6.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	10499	0.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	17348	0.84	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22068	0.848 ug/L	97
3) Chloromethane	1.25	50	16486	0.717 ug/L	99
5) Vinyl chloride	1.32	62	15958	0.681 ug/L	99
6) Bromomethane	1.53	94	7075	0.553 ug/L	91
8) Chloroethane	1.60	64	8017	0.609 ug/L	99
9) Trichlorofluoromethane	1.77	101	21767	0.729 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	11577	0.762 ug/L	94
12) 1,1-Dichloroethene	2.14	96	10230	0.719 ug/L	92
13) Acetone	2.23	43	16044	7.234 ug/L	64
14) Carbon disulfide	2.32	76	31682	0.757 ug/L	99
15) Methyl Acetate	2.47	43	3653	0.659 ug/L	92
16) Methylene chloride	2.53	84	12223	0.799 ug/L	94
17) Methyl tert-butyl Ether	2.80	73	29562	0.749 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	14716	0.768 ug/L	95
19) 1,1-Dichloroethane	3.23	63	28091	0.803 ug/L	97
21) 2-Butanone	4.06	43	33234	7.353 ug/L #	69
22) cis-1,2-Dichloroethene	3.96	96	17083	0.822 ug/L	99
23) Bromochloromethane	4.30	128	7433	0.842 ug/L	91
25) Chloroform	4.42	83	32822	0.831 ug/L	100
27) 1,2-Dichloroethane	5.18	62	16858	0.786 ug/L	95
29) 1,1,1-Trichloroethane	4.65	97	23884	0.765 ug/L	98
30) Cyclohexane	4.72	56	23407	0.750 ug/L	98
31) Carbon tetrachloride	4.87	117	20907	0.744 ug/L	99
33) Benzene	5.14	78	59923	0.774 ug/L	100
34) Trichloroethene	5.96	95	17304	0.824 ug/L	96
35) Methylcyclohexane	6.17	83	24874	0.770 ug/L	95
37) 1,2-Dichloropropane	6.22	63	14910	0.770 ug/L	98
38) Bromodichloromethane	6.55	83	18515	0.746 ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	19518	0.746 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	76826	7.287 ug/L	98

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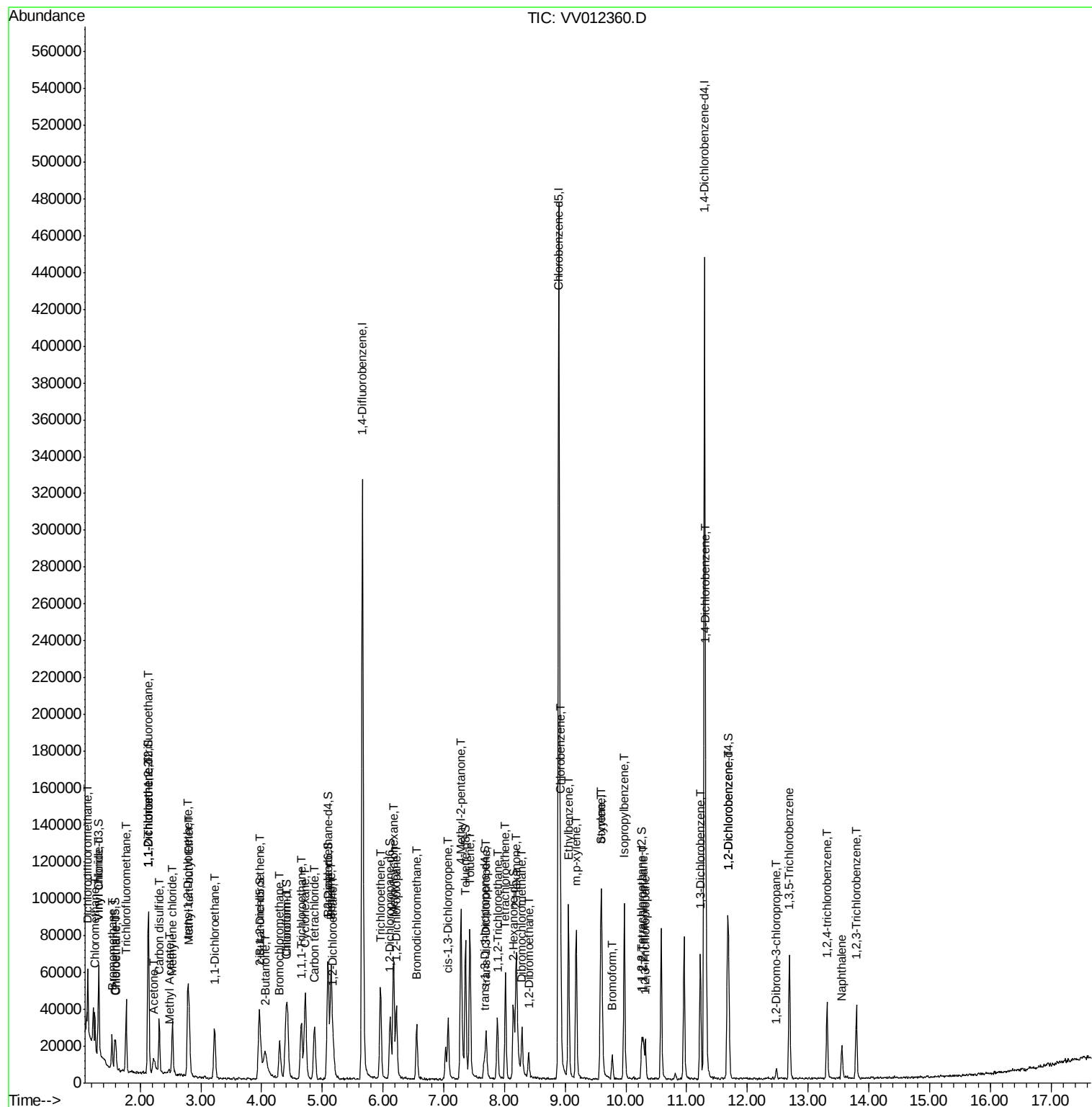
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	57461	0.703	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	14691	0.705	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	10601	0.828	ug/L	96
47) Tetrachloroethene	8.02	164	13345	0.778	ug/L	98
48) 2-Hexanone	8.20	43	57684	7.760	ug/L	88
49) Dibromochloromethane	8.29	129	11715	0.739	ug/L	98
50) 1,2-Dibromoethane	8.40	107	9483	0.769	ug/L	96
51) Chlorobenzene	8.93	112	40944	0.775	ug/L	94
52) Ethylbenzene	9.05	91	62452	0.717	ug/L	97
53) m,p-xylene	9.18	106	23274	0.700	ug/L	99
54) o-xylene	9.59	106	21317	0.676	ug/L	97
55) Styrene	9.60	104	35537	0.675	ug/L	94
56) Isopropylbenzene	9.97	105	57903	0.684	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	10170	0.693	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	8405	0.775	ug/L	96
61) Bromoform	9.77	173	6553	0.869	ug/L	91
62) 1,3-Dichlorobenzene	11.22	146	29815	0.767	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	29442	0.760	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	27421	0.768	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	1506	0.667	ug/L #	83
67) 1,3,5-Trichlorobenzene	12.69	180	22441	0.762	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	13478	0.621	ug/L	98
69) Naphthalene	13.56	128	14939	0.487	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	12187	0.597	ug/L	97

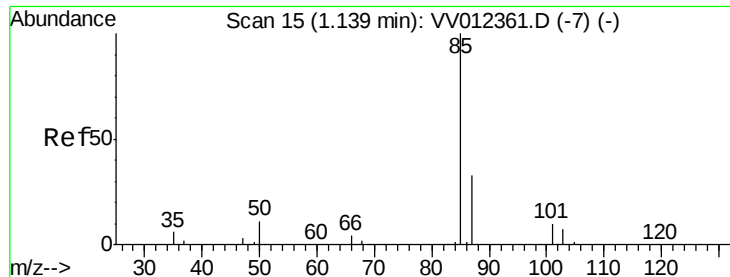
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.848 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

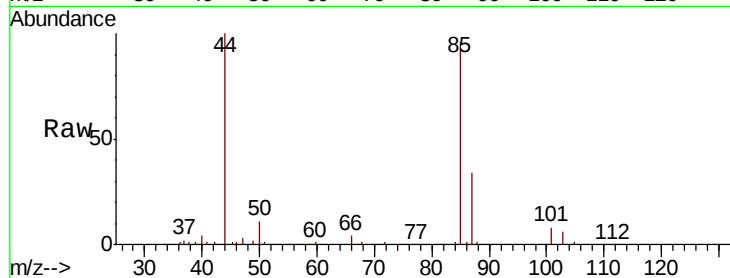
VSTD00134

Tgt Ion: 85 Resp: 22068

Ion Ratio Lower Upper

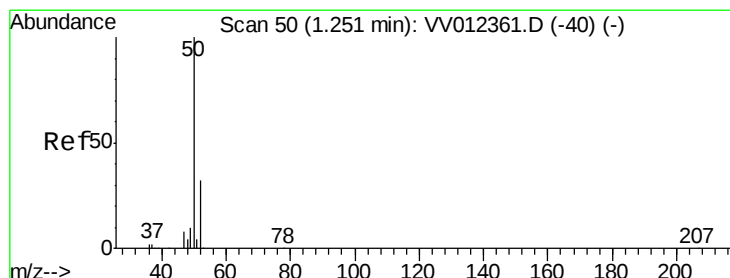
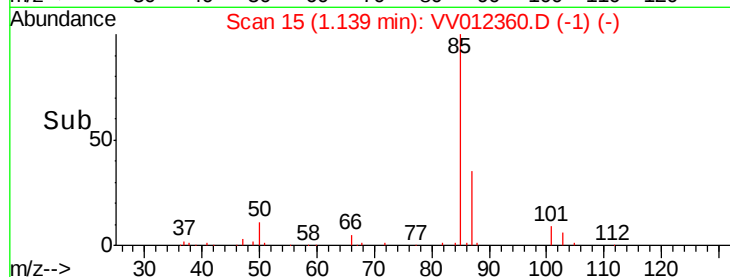
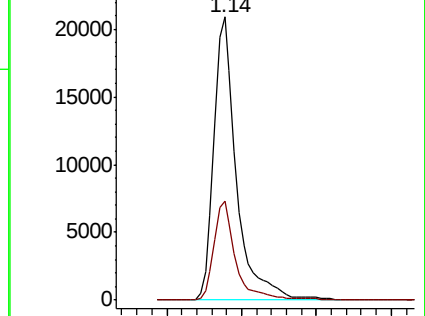
85 100

87 33.8 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 0.717 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV012360.D

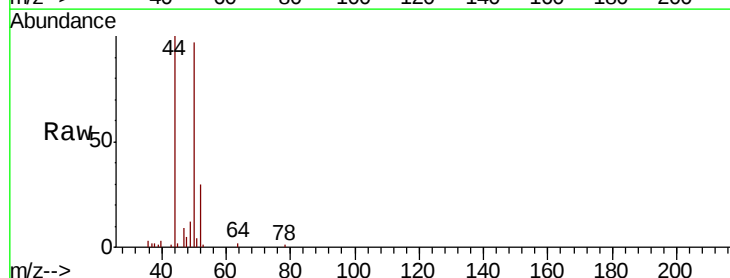
Acq: 23 Aug 2019 12:45

Tgt Ion: 50 Resp: 16486

Ion Ratio Lower Upper

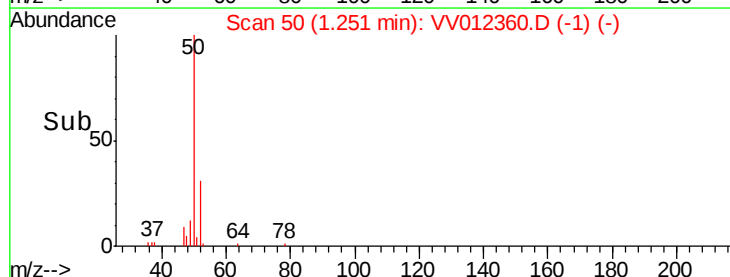
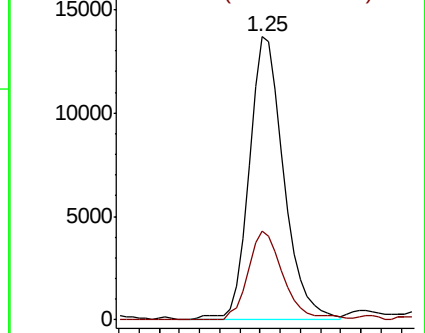
50 100

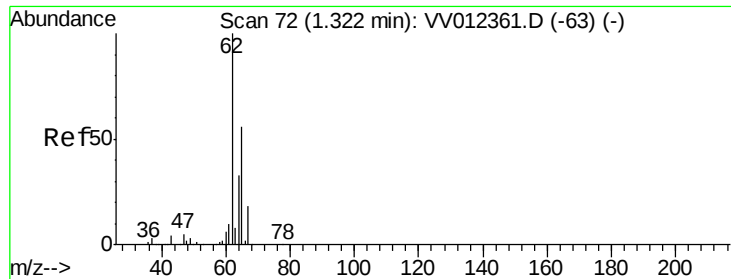
52 31.3 22.2 41.2



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 0.681 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

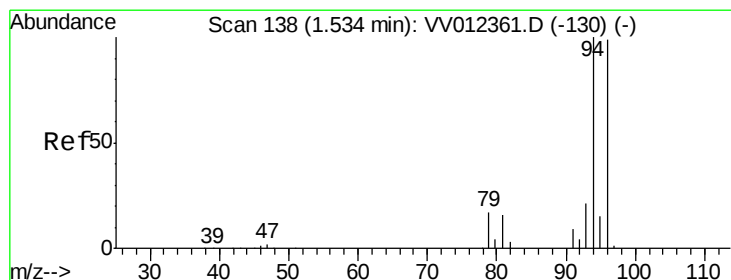
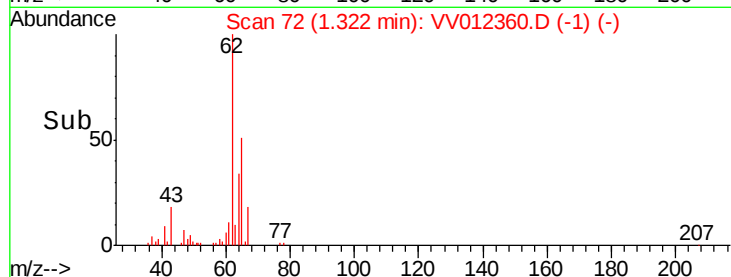
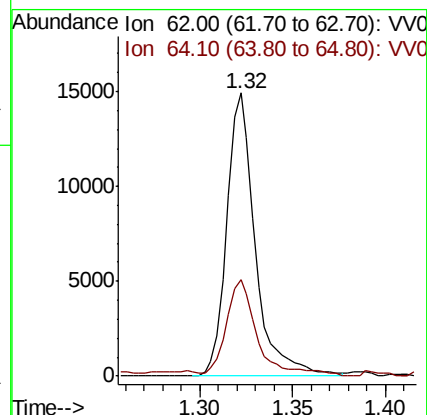
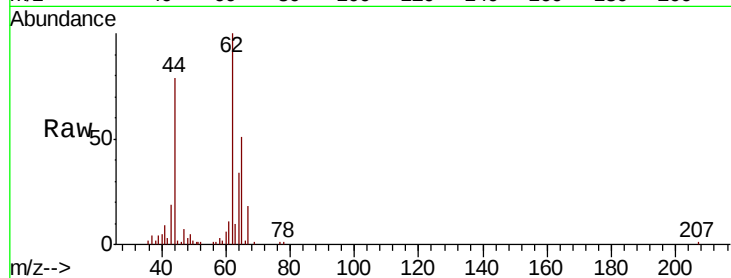
VSTD00134

Tgt Ion: 62 Resp: 15958

Ion Ratio Lower Upper

62 100

64 34.0 23.2 43.2



#6

Bromomethane

Concen: 0.553 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV012360.D

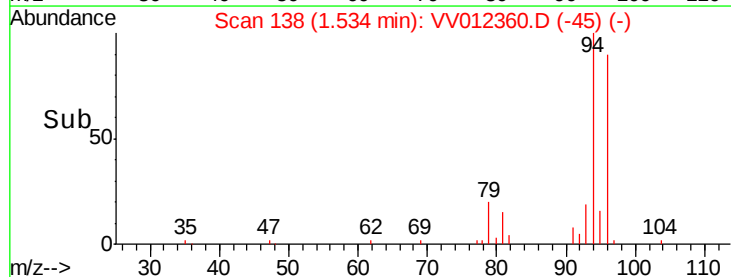
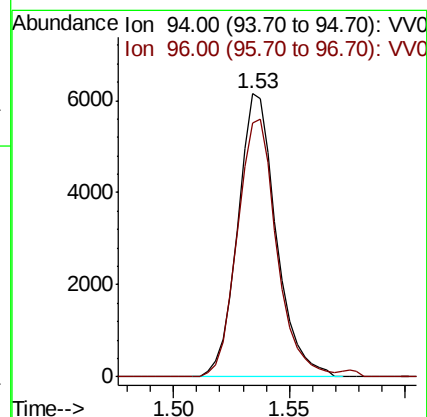
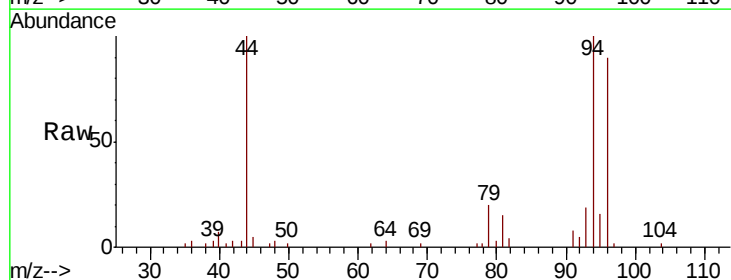
Acq: 23 Aug 2019 12:45

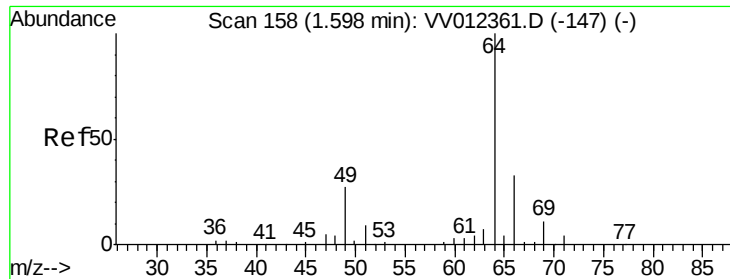
Tgt Ion: 94 Resp: 7075

Ion Ratio Lower Upper

94 100

96 89.9 69.2 128.6





#8

Chloroethane

Concen: 0.609 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

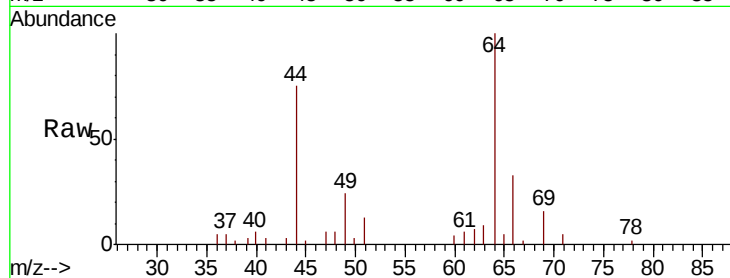
VSTD00134

Tgt Ion: 64 Resp: 8017

Ion Ratio Lower Upper

64 100

66 32.7 23.2 43.0



Abundance Ion 64.10 (63.80 to 64.80): VV012360.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV012360.D (-147) (-)

1.60

6000

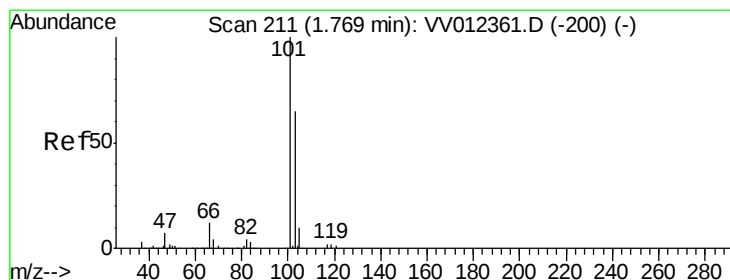
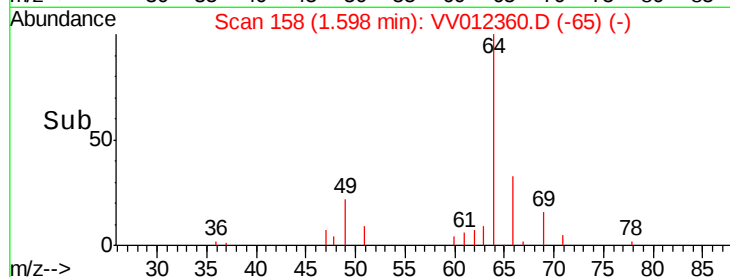
4000

2000

0

1.55 1.60 1.65

Time-->



#9

Trichlorofluoromethane

Concen: 0.729 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV012360.D

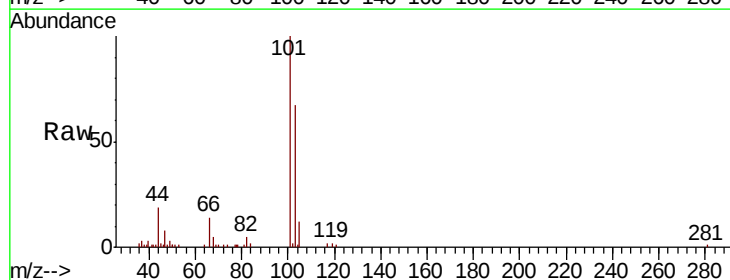
Acq: 23 Aug 2019 12:45

Tgt Ion: 101 Resp: 21767

Ion Ratio Lower Upper

101 100

103 66.6 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VV012360.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV012360.D (-200) (-)

1.77

20000

15000

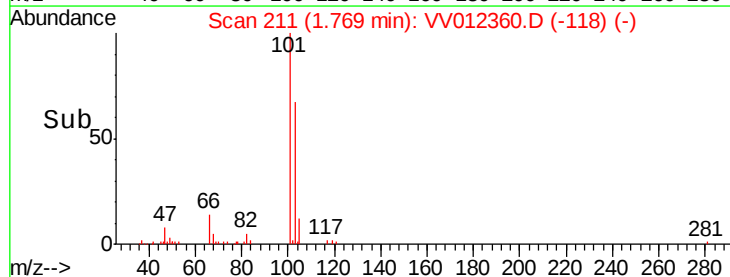
10000

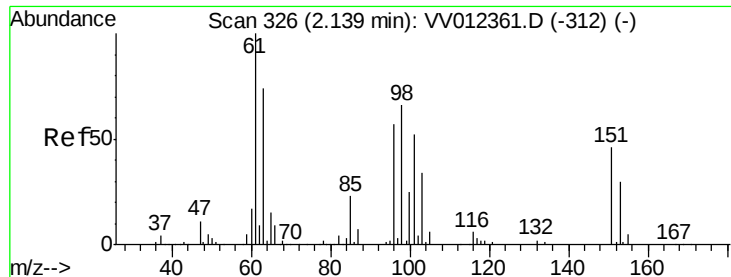
5000

0

1.70 1.75 1.80

Time-->





#10

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

Concen: 0.762 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00134

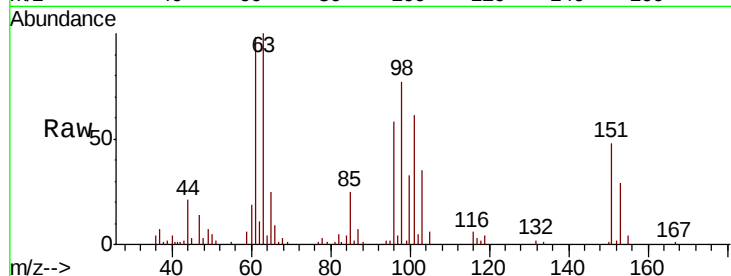
Tgt Ion: 101 Resp: 11577

Ion Ratio Lower Upper

101 100

85 44.7 34.6 51.8

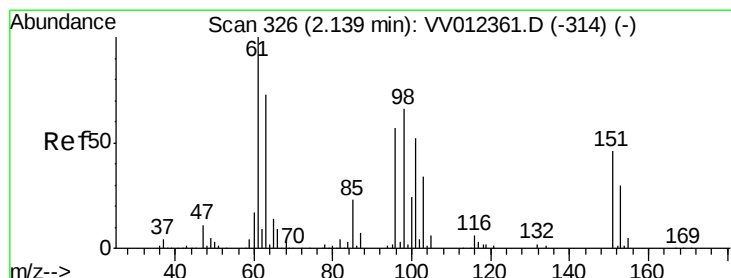
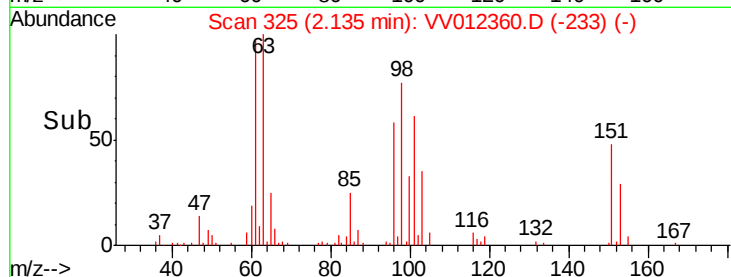
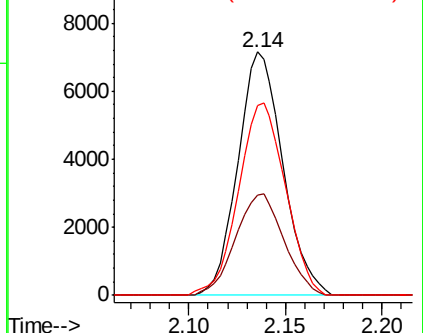
151 82.1 71.2 106.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.719 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

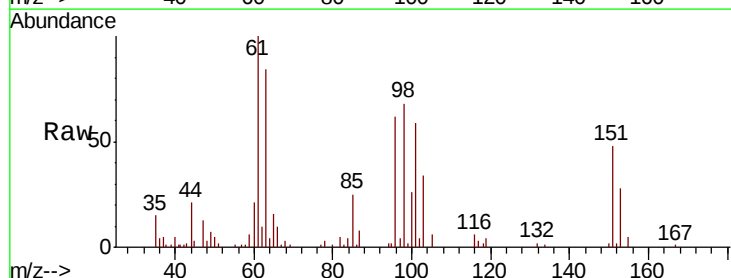
Tgt Ion: 96 Resp: 10230

Ion Ratio Lower Upper

96 100

61 161.8 122.3 227.1

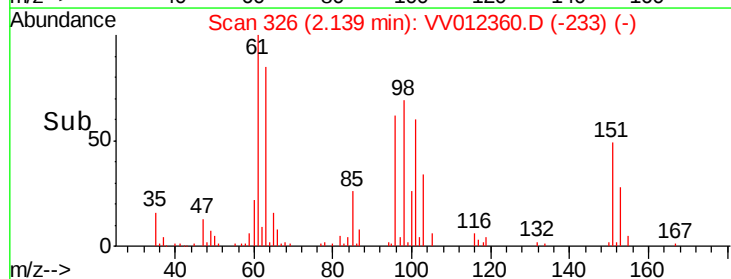
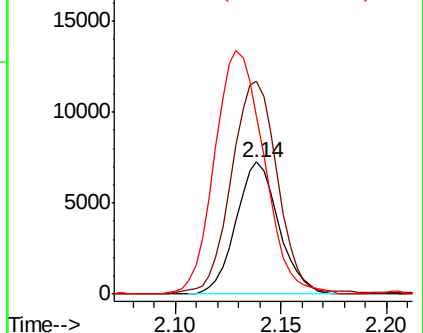
63 135.7 90.6 168.2

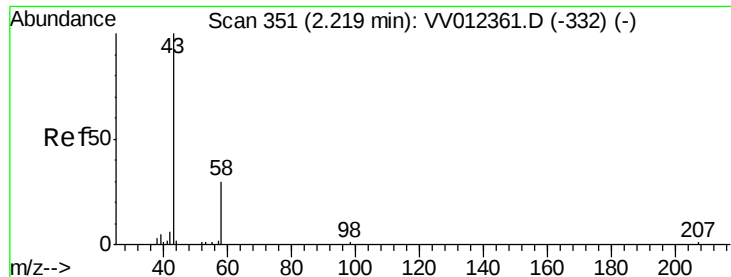


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 7.234 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.01 min

Lab File: VV012360.D

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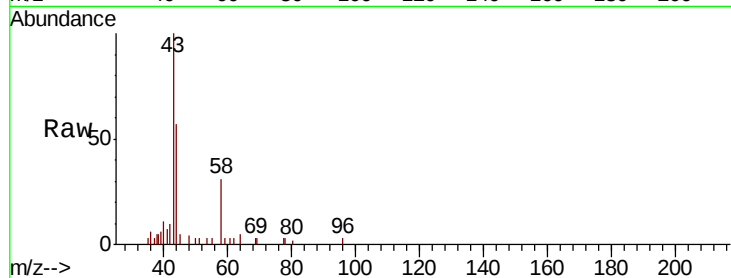
VSTD00134

Tgt Ion: 43 Resp: 16044

Ion Ratio Lower Upper

43 100

58 11.3 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV012360.D (-354) (-)

Ion 58.05 (57.75 to 58.75): VV012360.D (-354) (-)

2.23

4000

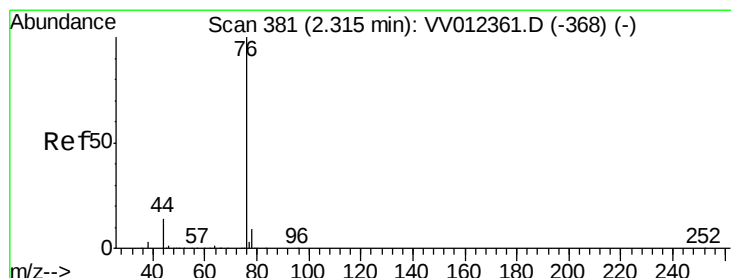
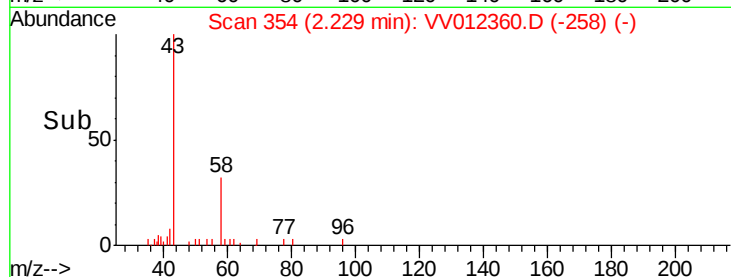
3000

2000

1000

0

Time--> 2.10 2.20 2.30



#14

Carbon disulfide

Concen: 0.757 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV012360.D

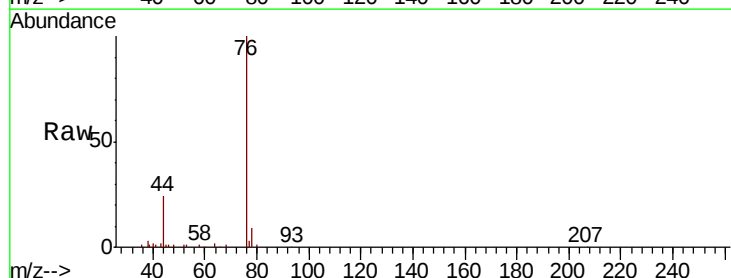
Acq: 23 Aug 2019 12:45

Tgt Ion: 76 Resp: 31682

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VV012360.D (-381) (-)

Ion 78.00 (77.70 to 78.70): VV012360.D (-381) (-)

2.32

25000

20000

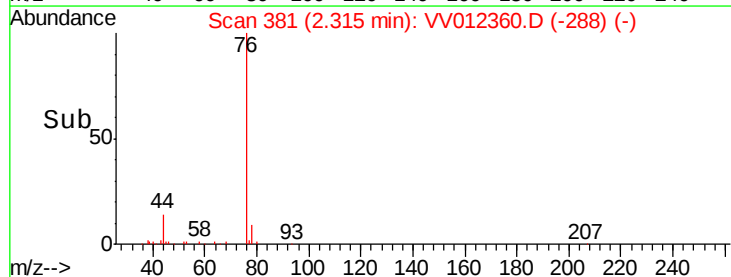
15000

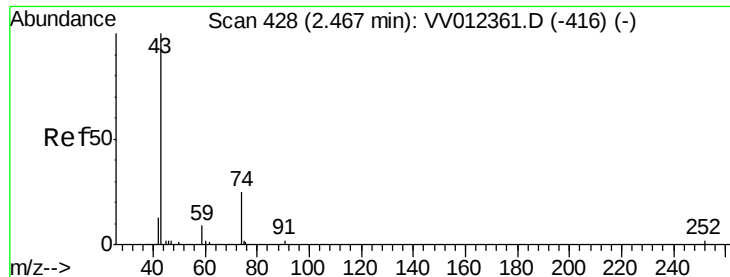
10000

5000

0

Time--> 2.25 2.30 2.35





#15

Methyl Acetate

Concen: 0.659 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

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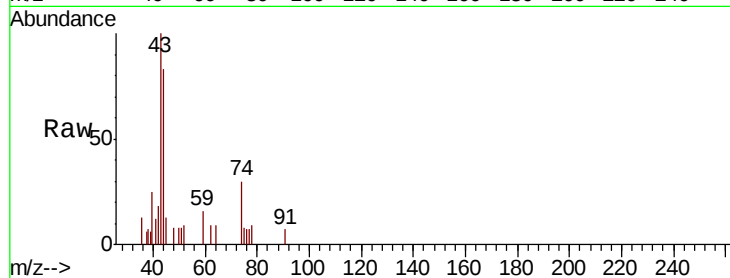
VSTD00134

Tgt Ion: 43 Resp: 3653

Ion Ratio Lower Upper

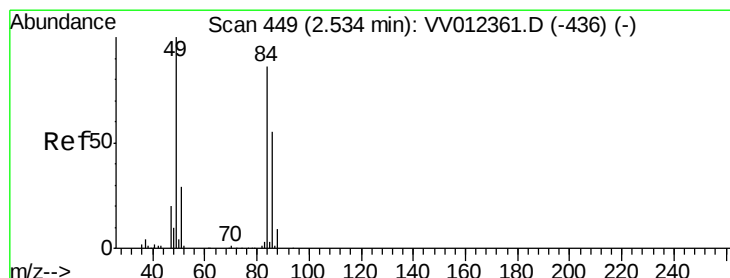
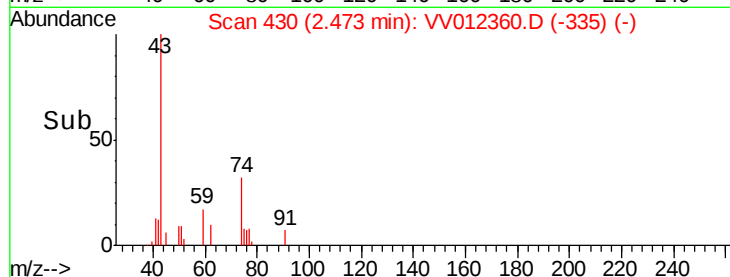
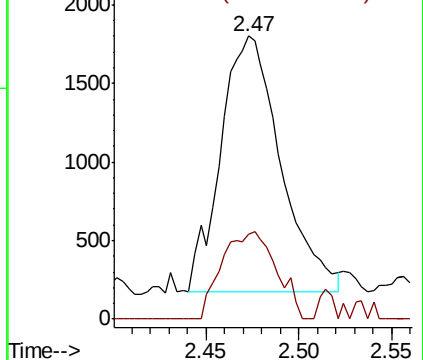
43 100

74 31.1 21.8 32.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.799 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

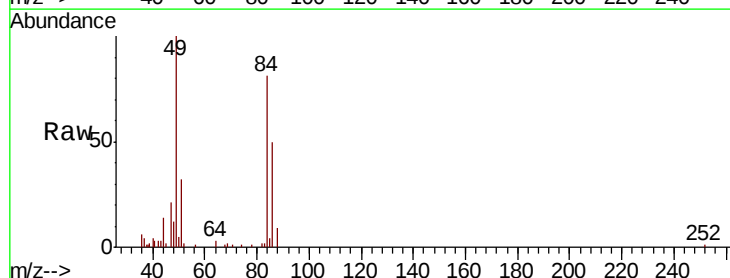
Tgt Ion: 84 Resp: 12223

Ion Ratio Lower Upper

84 100

86 61.7 44.9 83.5

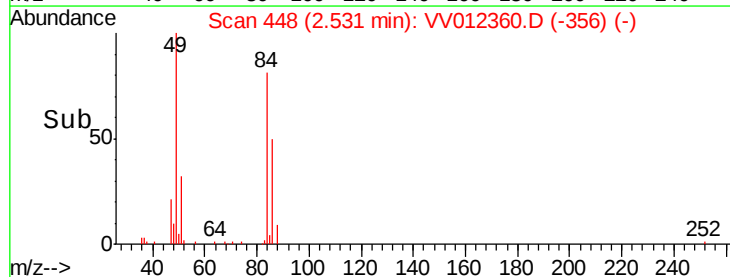
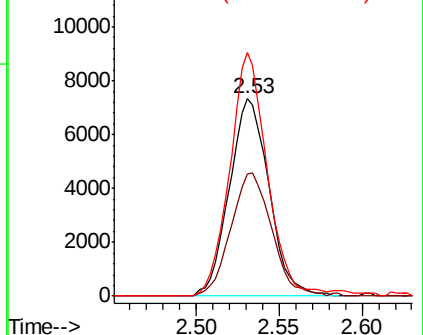
49 123.3 81.1 150.7

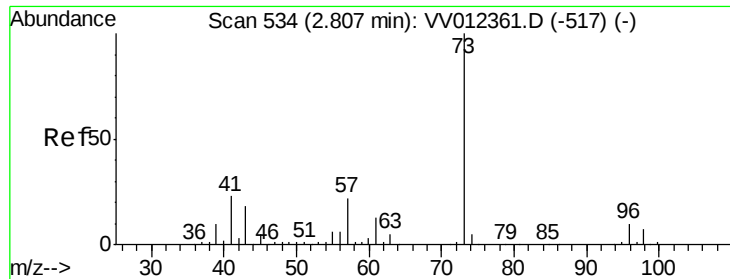


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

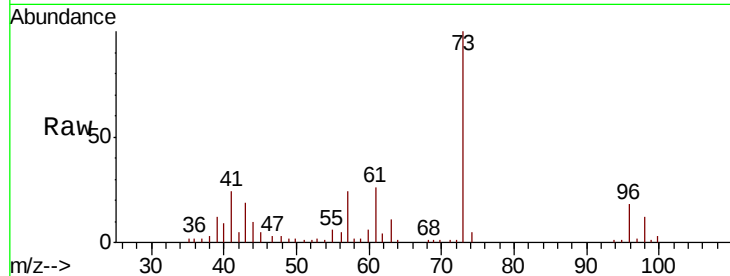




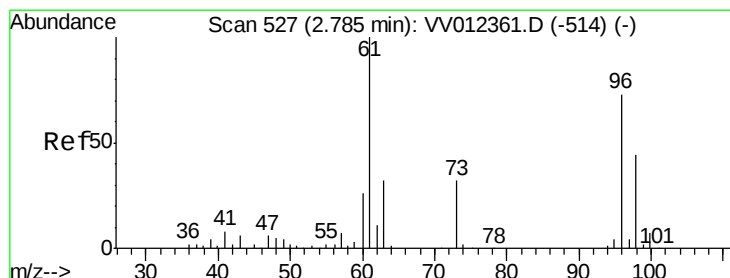
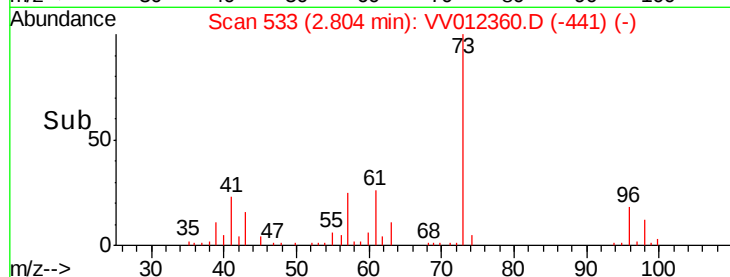
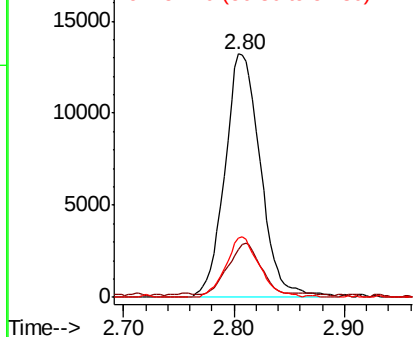
#17
Methyl tert-butyl Ether
Concen: 0.749 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

Tgt Ion: 73 Resp: 29562
Ion Ratio Lower Upper
73 100
43 19.1 15.0 22.6
57 23.3 18.0 27.0

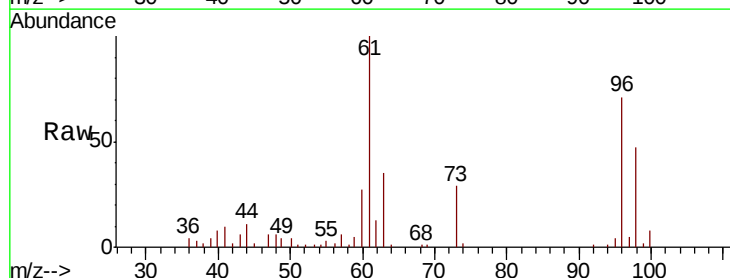


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

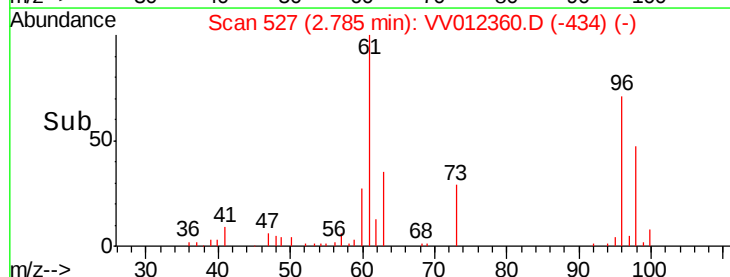
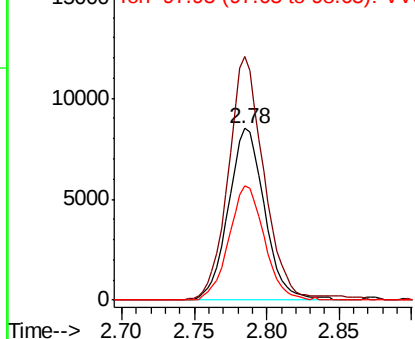


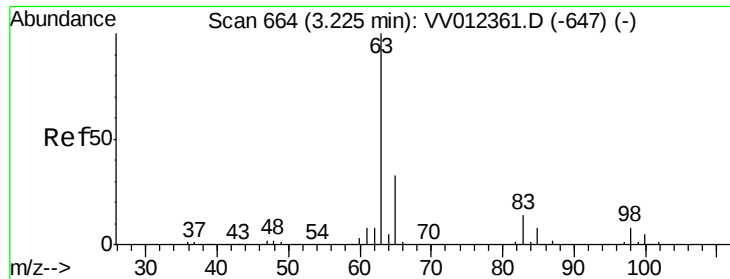
#18
trans-1,2-Dichloroethene
Concen: 0.768 ug/L
RT: 2.78 min Scan# 527
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion: 96 Resp: 14716
Ion Ratio Lower Upper
96 100
61 141.8 96.0 178.4
98 66.4 42.1 78.3



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

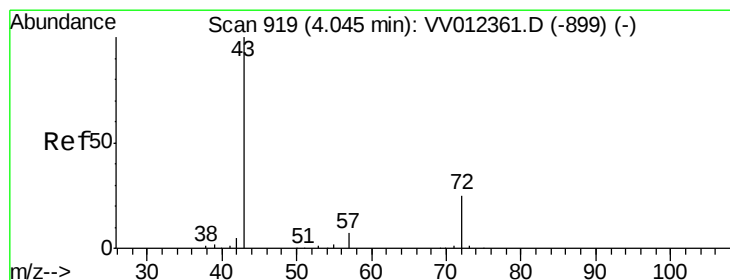
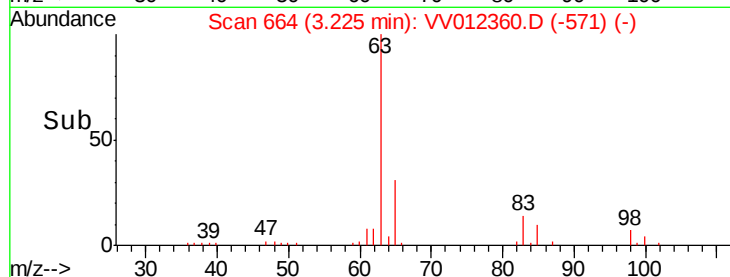
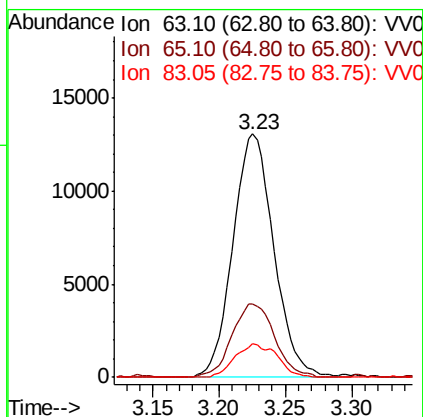
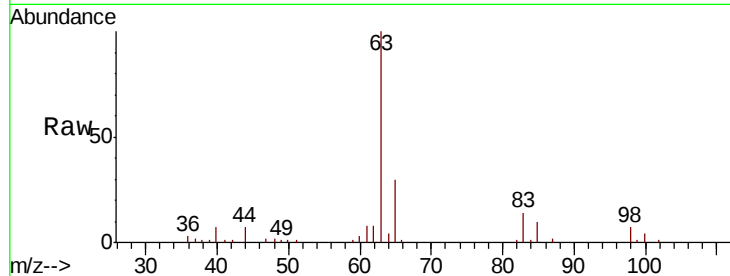




#19
 1,1-Dichloroethane
 Concen: 0.803 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

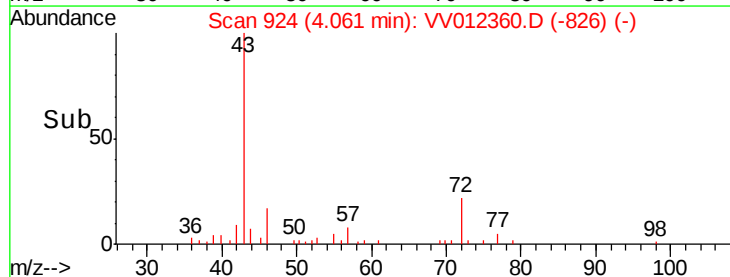
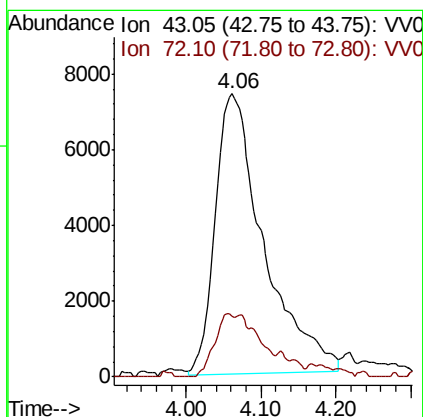
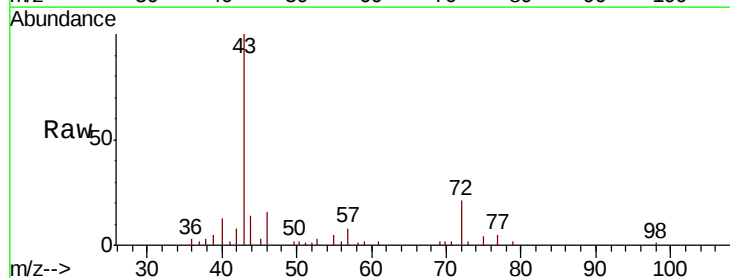
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

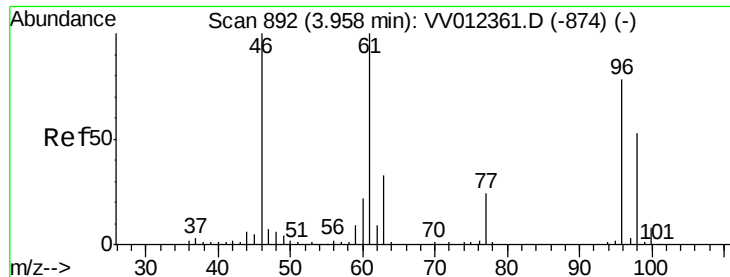
Tgt Ion: 63 Resp: 28091
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.1 42.9
 83 13.6 9.4 17.6



#21
 2-Butanone
 Concen: 7.353 ug/L
 RT: 4.06 min Scan# 924
 Delta R.T. 0.02 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion: 43 Resp: 33234
 Ion Ratio Lower Upper
 43 100
 72 9.2 12.2 36.6#



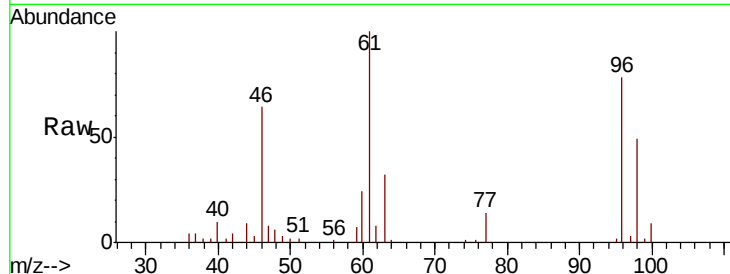


#22

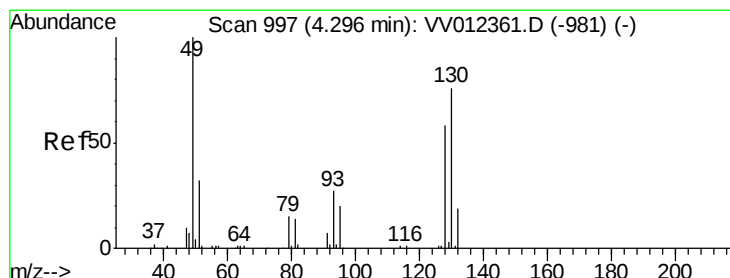
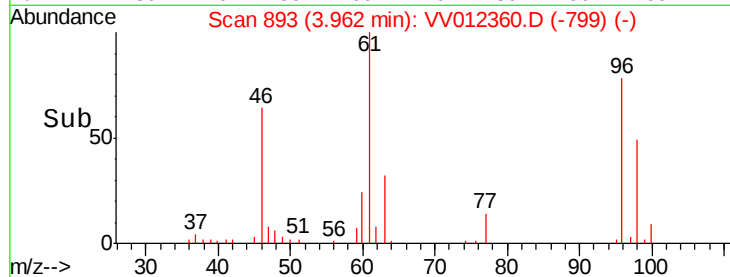
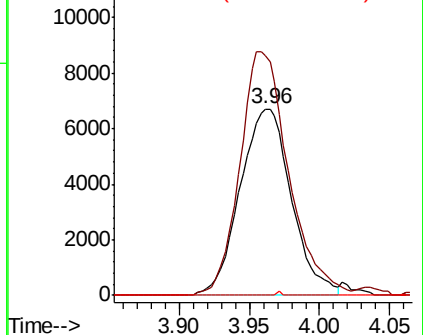
cis-1,2-Dichloroethene
Concen: 0.822 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

Tgt Ion: 96 Resp: 17083
Ion Ratio Lower Upper
96 100
61 128.3 89.4 166.0
68 0.0 0.0 0.0



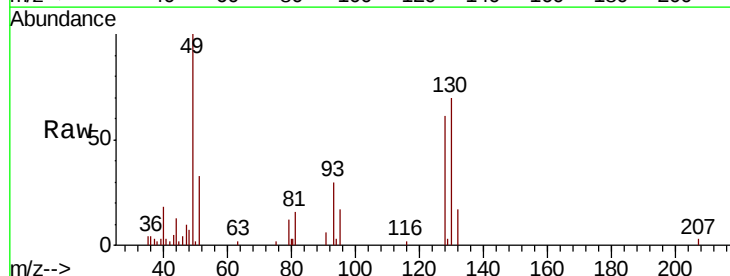
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



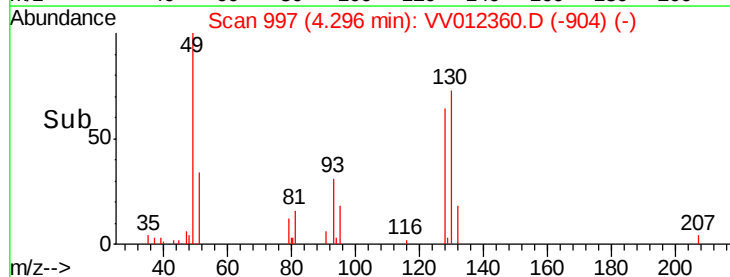
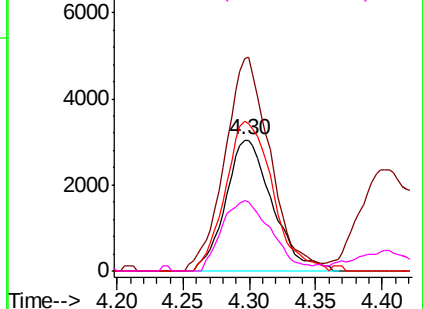
#23

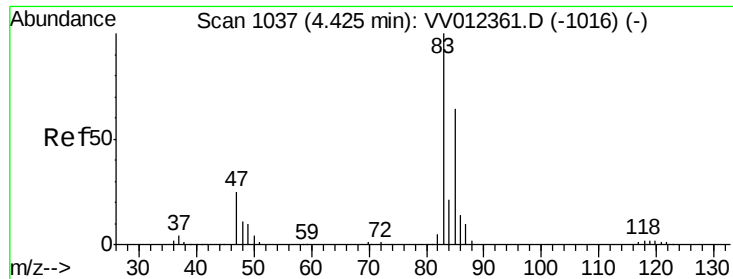
Bromochloromethane
Concen: 0.842 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion: 128 Resp: 7433
Ion Ratio Lower Upper
128 100
49 162.7 120.7 224.1
130 114.0 91.5 169.9
51 54.0 44.3 66.5



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

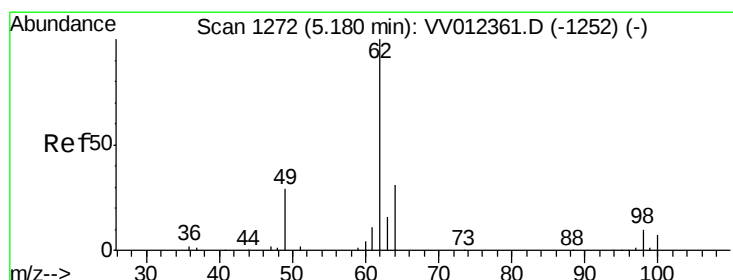
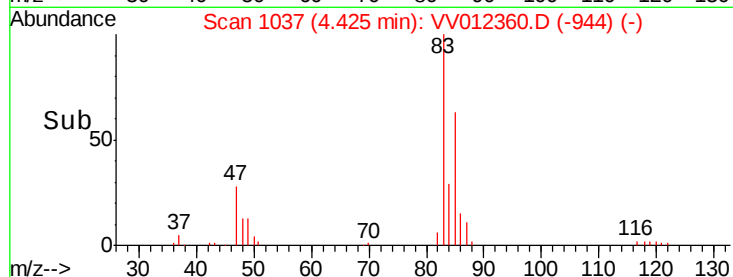
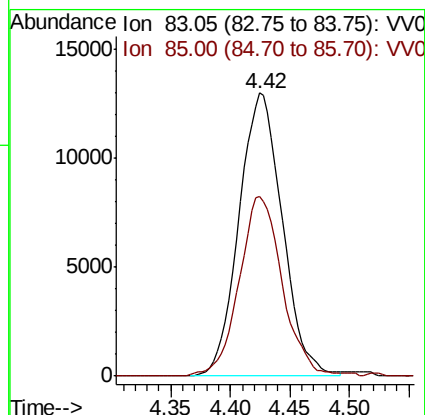
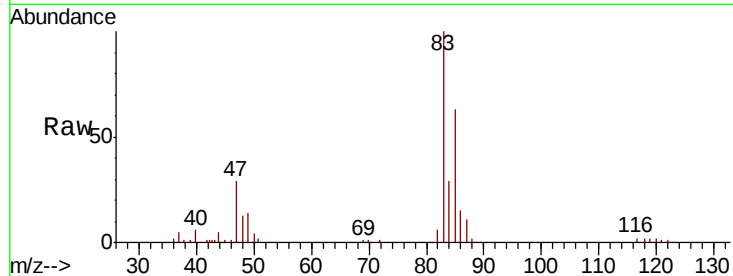




#25
Chloroform
Concen: 0.831 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

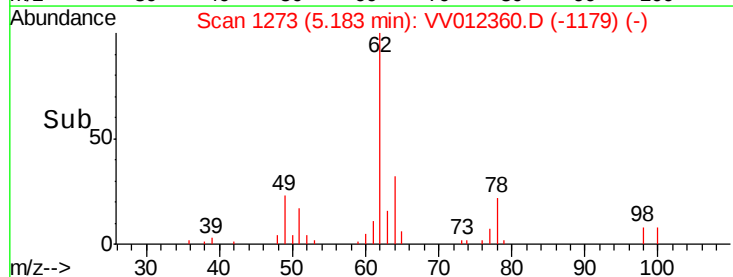
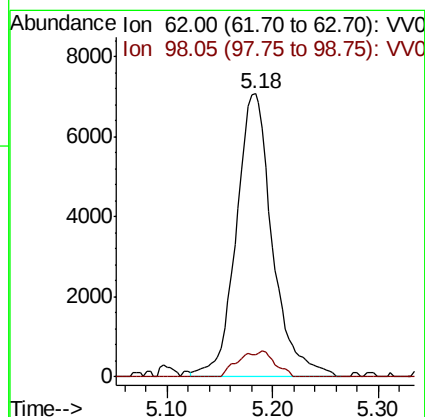
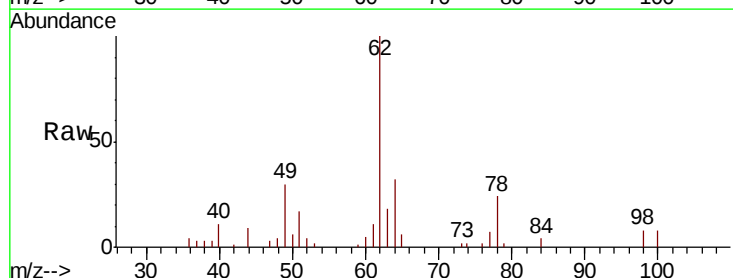
Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

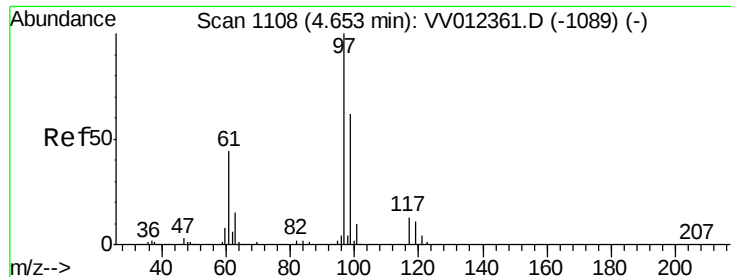
Tgt Ion: 83 Resp: 32822
Ion Ratio Lower Upper
83 100
85 63.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 0.786 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion: 62 Resp: 16858
Ion Ratio Lower Upper
62 100
98 7.8 7.6 11.4

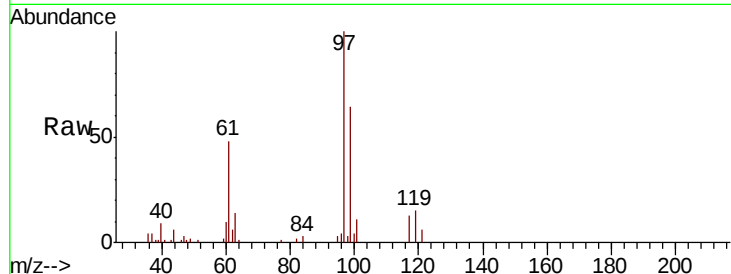




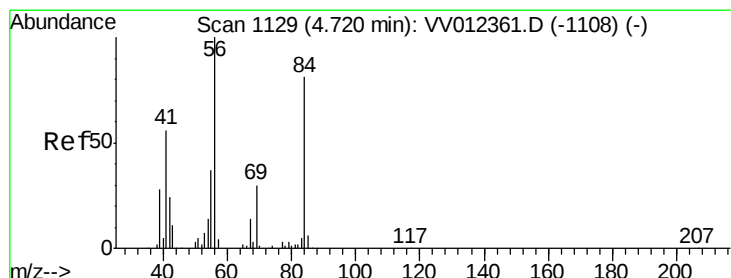
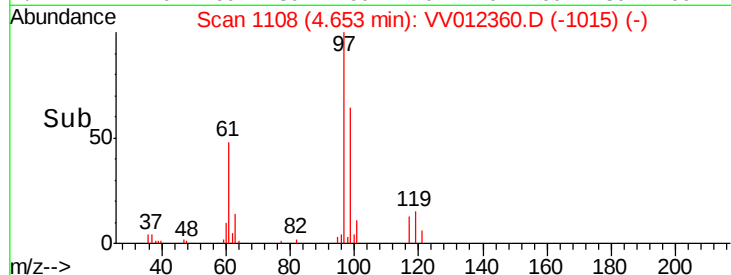
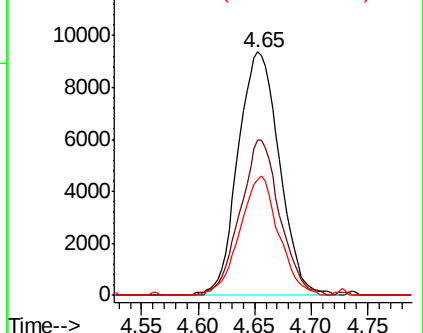
#29
 1,1,1-Trichloroethane
 Concen: 0.765 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Tgt Ion: 97 Resp: 23884
 Ion Ratio Lower Upper
 97 100
 99 61.3 50.5 75.7
 61 45.8 35.4 53.2

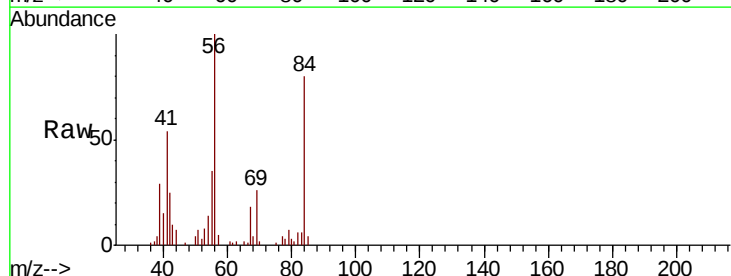


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

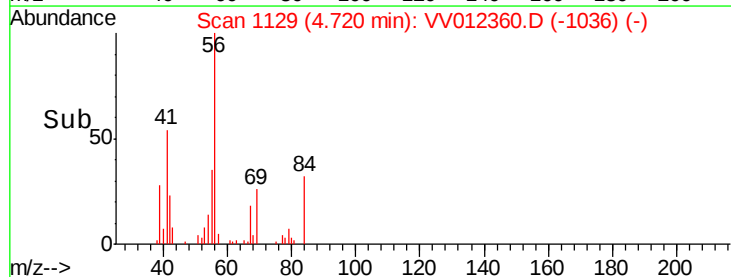
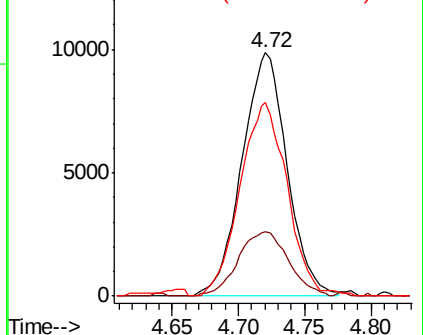


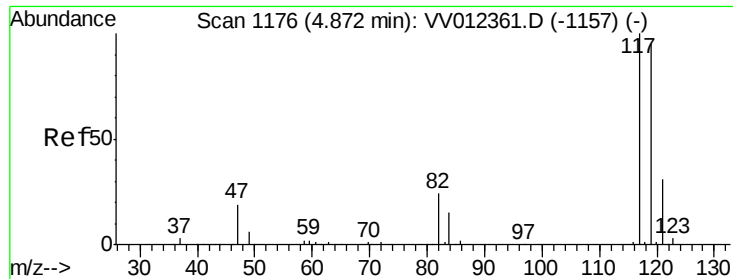
#30
 Cyclohexane
 Concen: 0.750 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion: 56 Resp: 23407
 Ion Ratio Lower Upper
 56 100
 69 29.4 24.0 36.0
 84 82.4 67.9 101.9



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 0.744 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

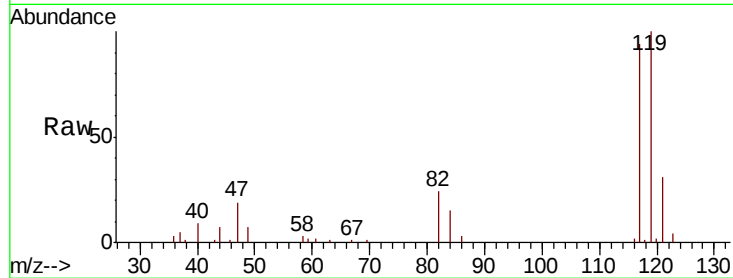
VSTD00134

Tgt Ion:117 Resp: 20907

Ion Ratio Lower Upper

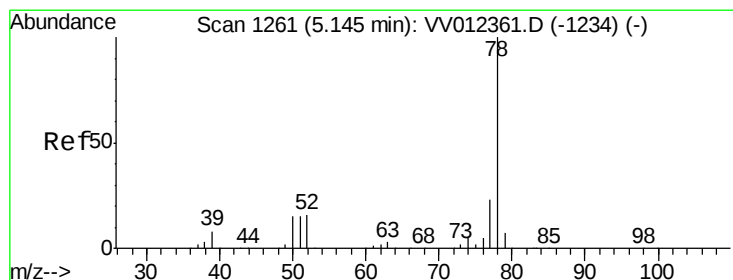
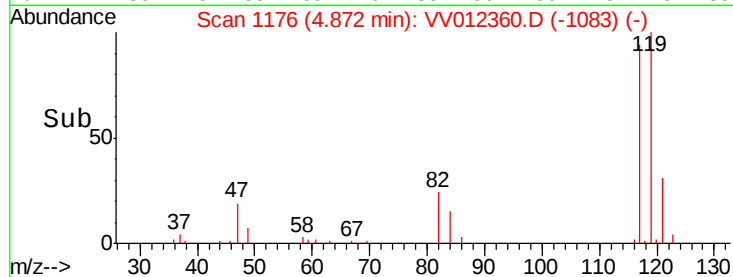
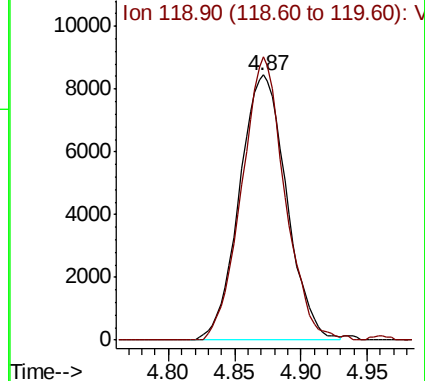
117 100

119 97.9 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.774 ug/L

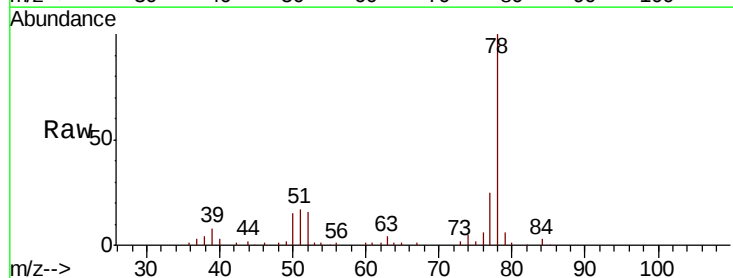
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

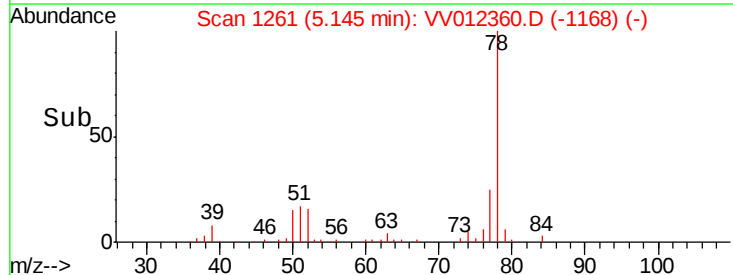
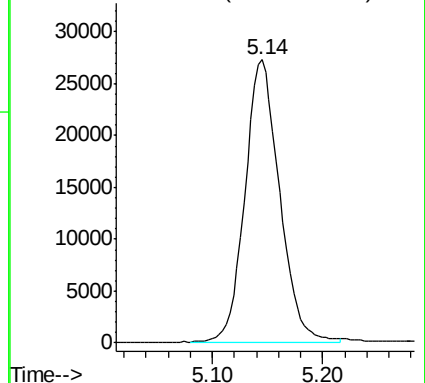
Lab File: VV012360.D

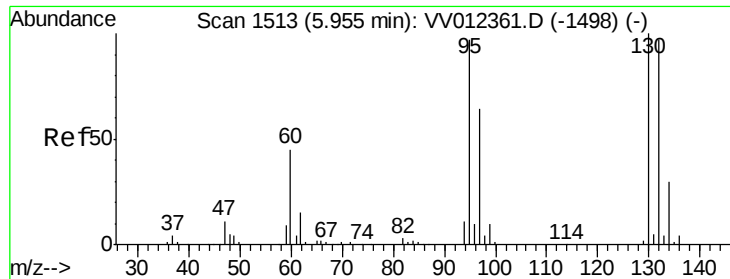
Acq: 23 Aug 2019 12:45

Tgt Ion: 78 Resp: 59923



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 0.824 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00134

Tgt Ion: 95 Resp: 17304

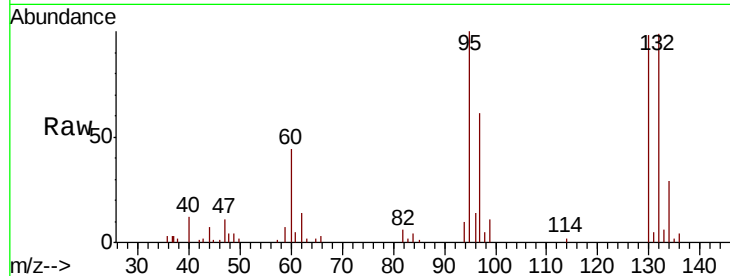
Ion Ratio Lower Upper

95 100

97 61.5 46.3 86.1

132 99.2 70.3 130.7

130 97.5 72.4 134.5

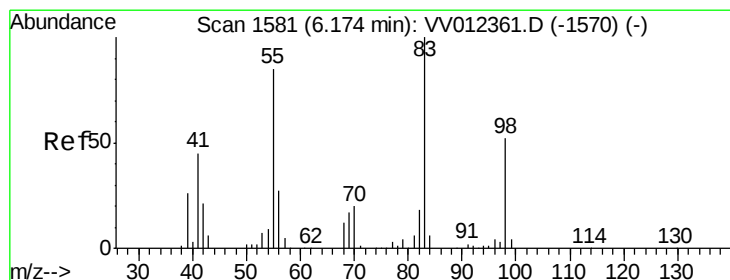
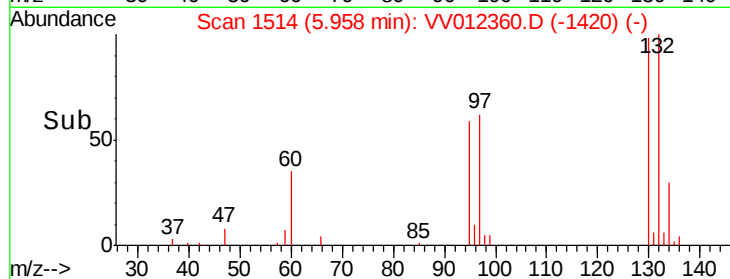
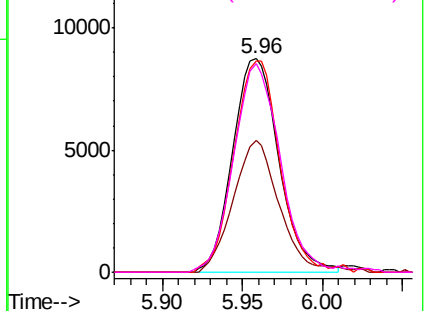


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.770 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

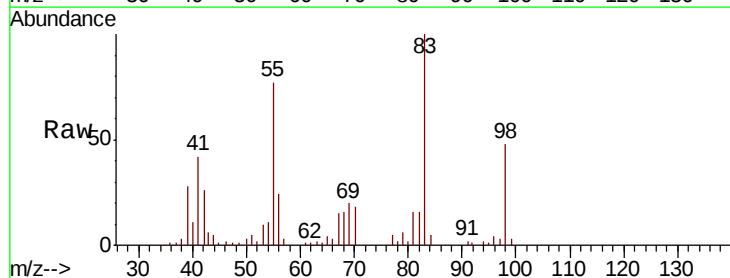
Tgt Ion: 83 Resp: 24874

Ion Ratio Lower Upper

83 100

55 75.4 64.6 97.0

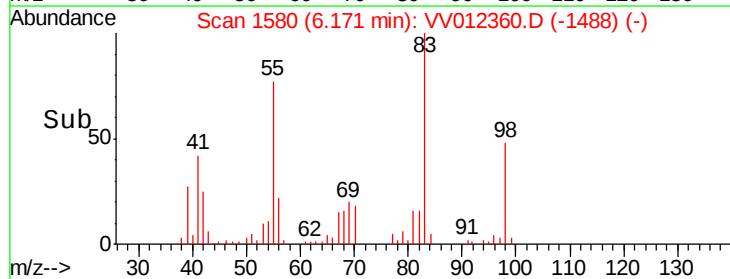
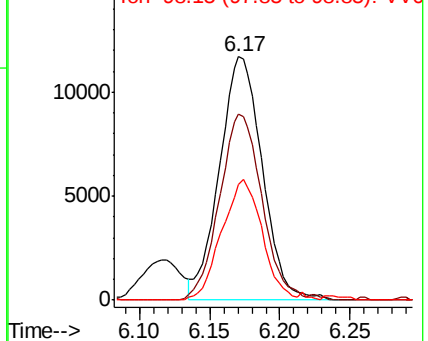
98 46.4 39.0 58.4

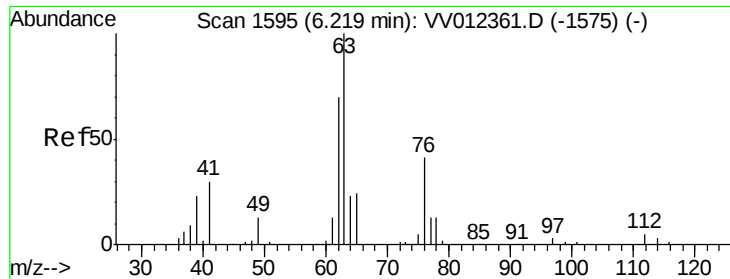


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.770 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

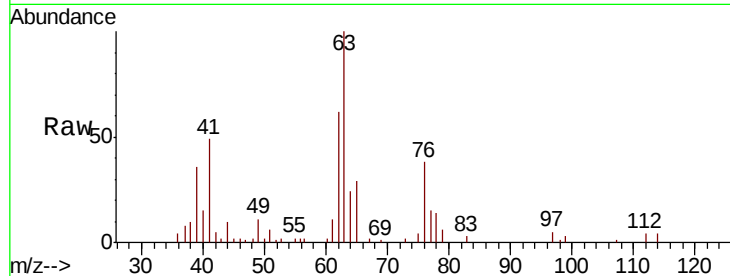
VSTD00134

Tgt Ion: 63 Resp: 14910

Ion Ratio Lower Upper

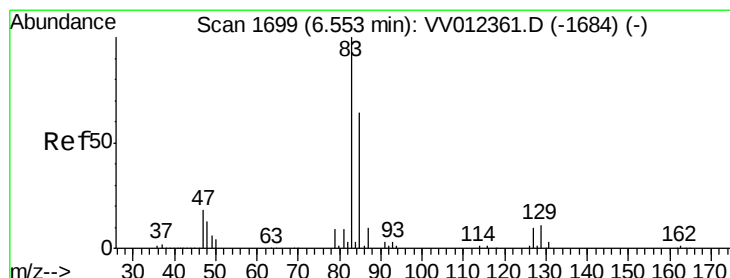
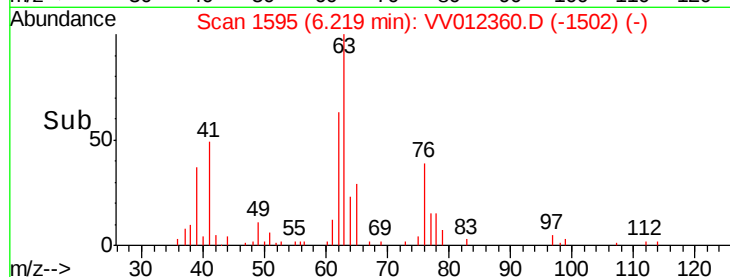
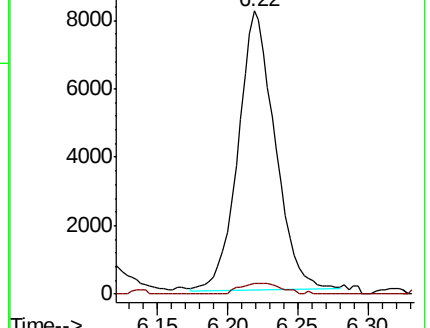
63 100

112 4.5 4.2 6.2



Abundance Ion 63.10 (62.80 to 63.80): VV012360.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV012360.D (-1575) (-)



#38

Bromodichloromethane

Concen: 0.746 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

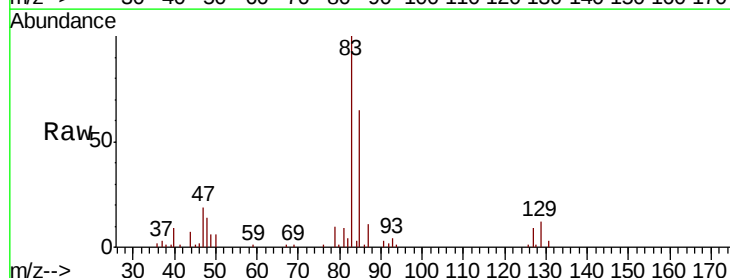
Tgt Ion: 83 Resp: 18515

Ion Ratio Lower Upper

83 100

85 64.9 45.0 83.6

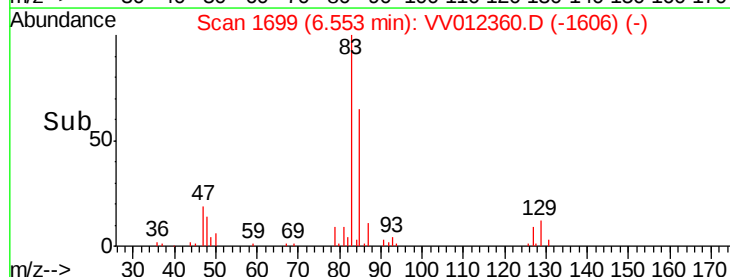
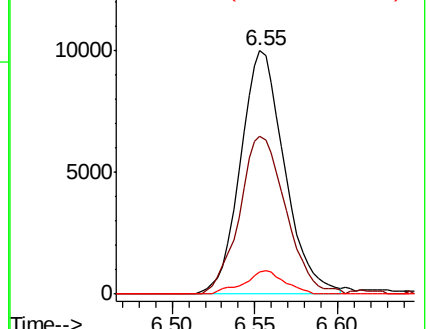
127 9.0 7.7 11.5

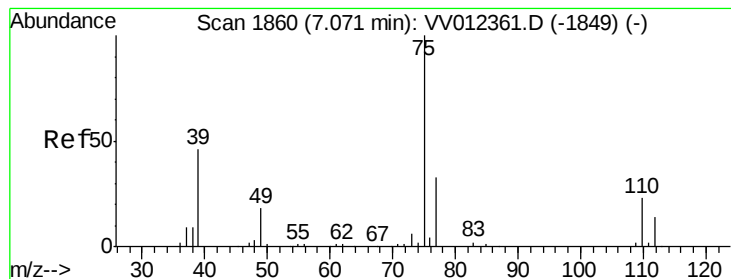


Abundance Ion 82.95 (82.65 to 83.65): VV012360.D (-1684) (-)

Ion 85.00 (84.70 to 85.70): VV012360.D (-1684) (-)

Ion 126.90 (126.60 to 127.60): VV012360.D (-1684) (-)



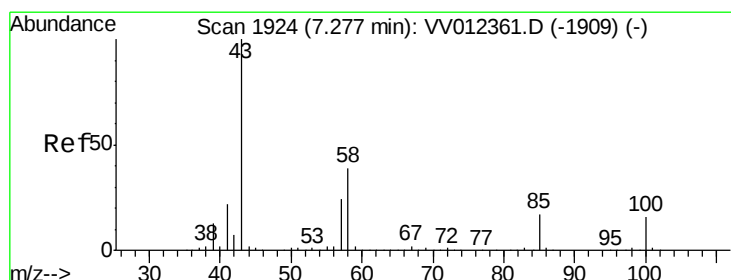
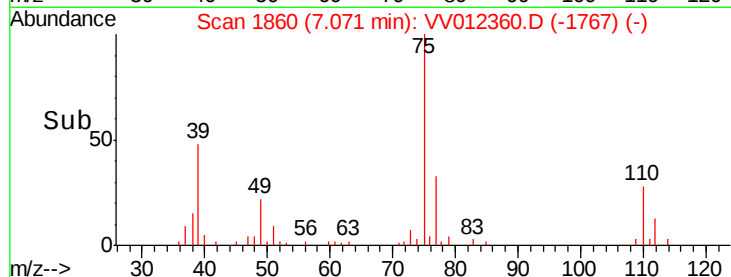
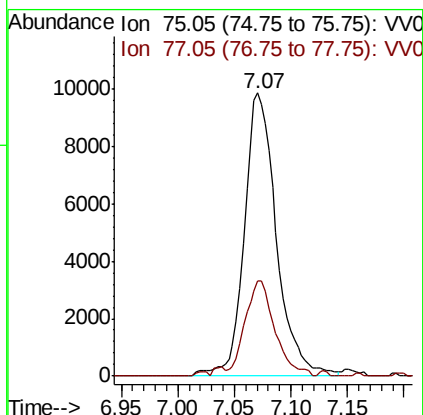
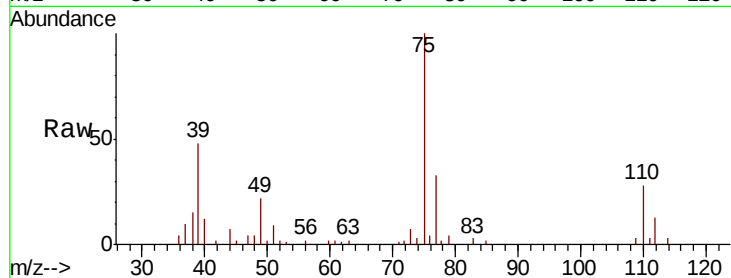


#39

cis-1,3-Dichloropropene
 Concen: 0.746 ug/L
 RT: 7.07 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD00134

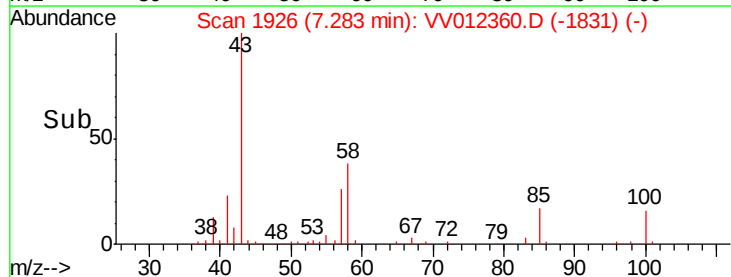
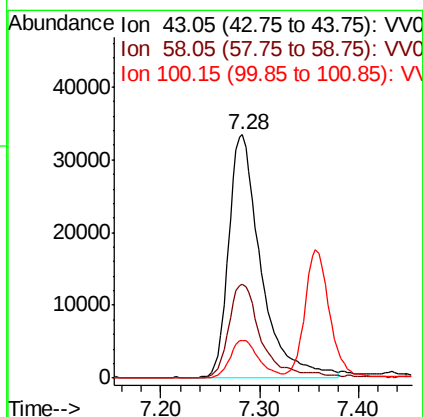
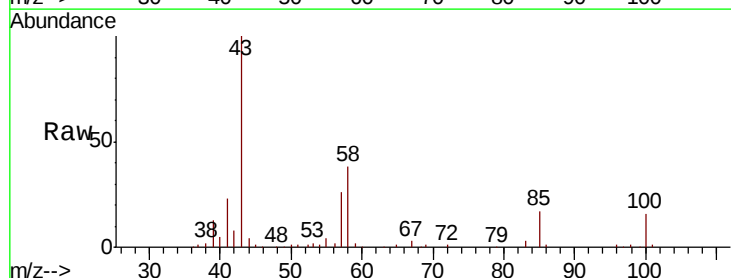
Tgt Ion: 75 Resp: 19518
 Ion Ratio Lower Upper
 75 100
 77 33.4 23.2 43.2

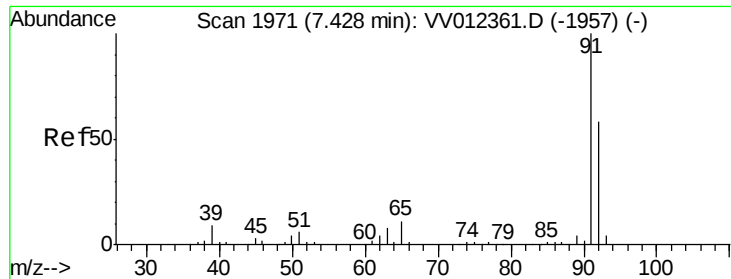


#40

4-Methyl-2-pentanone
 Concen: 7.287 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.01 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion: 43 Resp: 76826
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.7 46.1
 100 13.8 11.8 17.6





#42

Toluene

Concen: 0.703 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

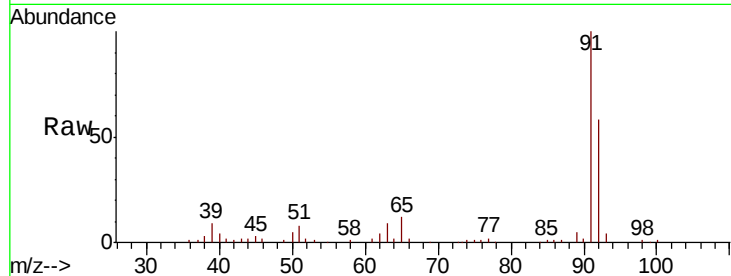
VSTD00134

Tgt Ion: 91 Resp: 57461

Ion Ratio Lower Upper

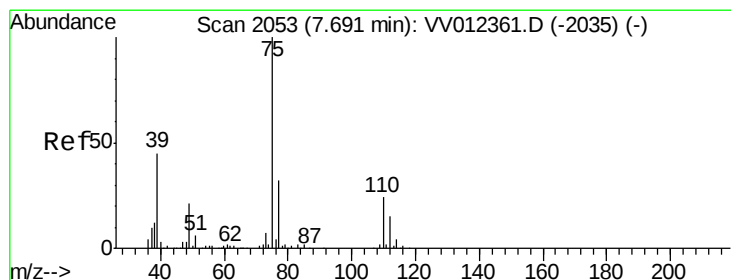
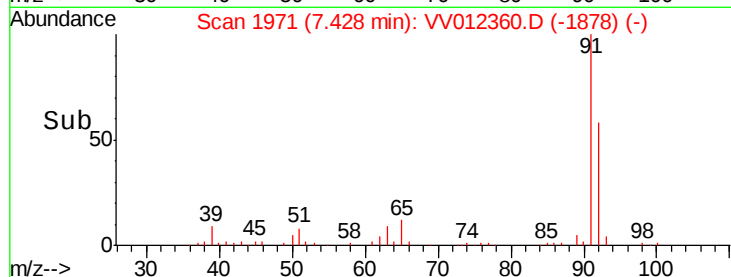
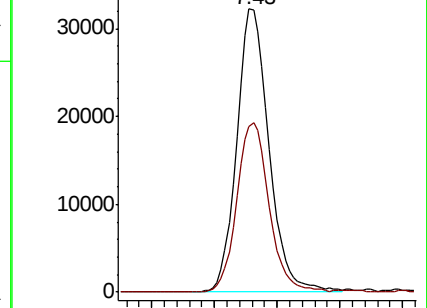
91 100

92 58.3 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.705 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.01 min

Lab File: VV012360.D

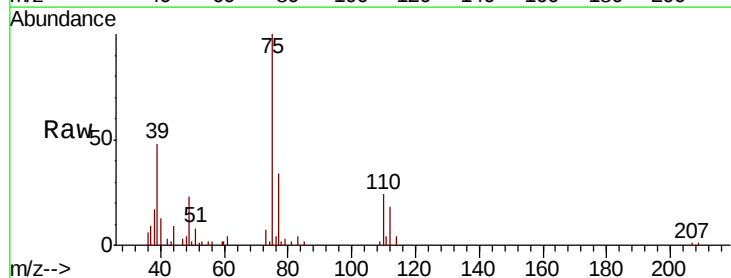
Acq: 23 Aug 2019 12:45

Tgt Ion: 75 Resp: 14691

Ion Ratio Lower Upper

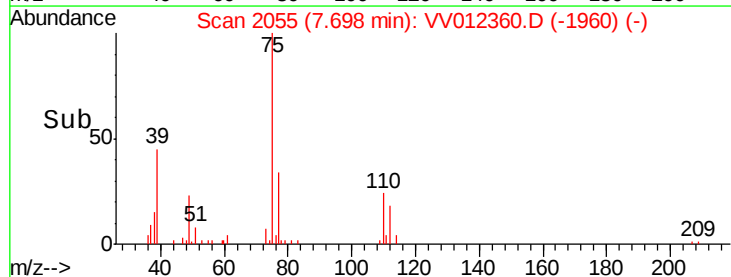
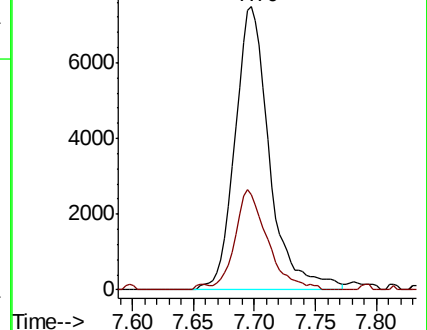
75 100

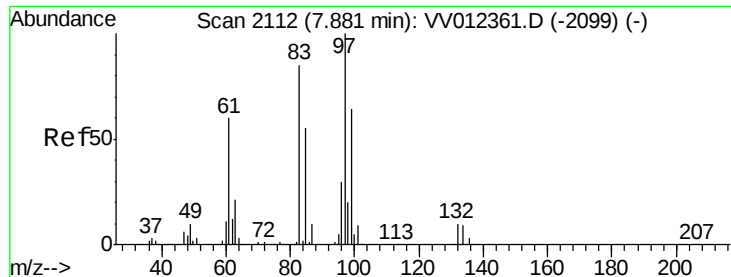
77 33.6 22.6 42.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

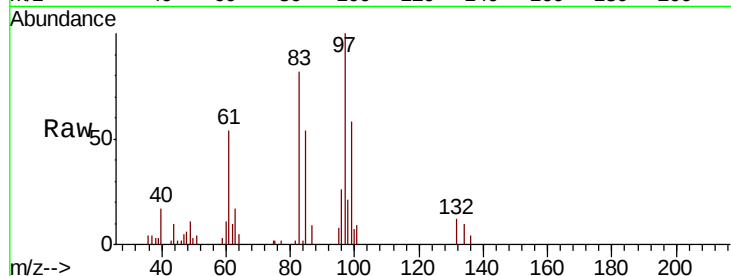




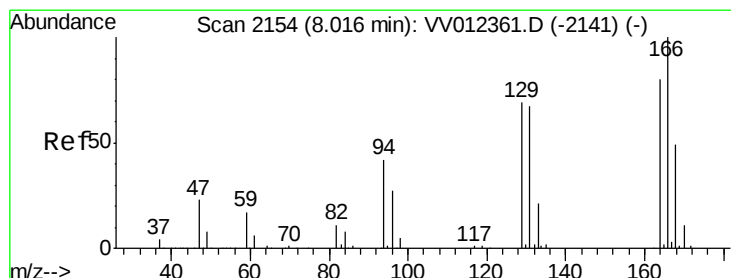
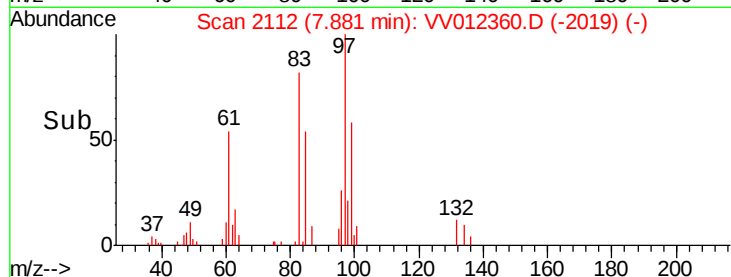
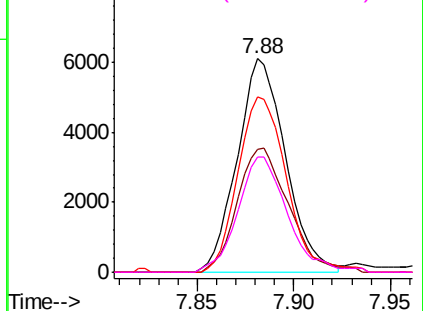
#45
 1,1,2-Trichloroethane
 Concen: 0.828 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Tgt Ion:	97	Resp:	10601
Ion	Ratio	Lower	Upper
97	100		
99	57.6	45.0	83.6
83	81.9	59.3	110.1
85	54.1	38.8	72.0

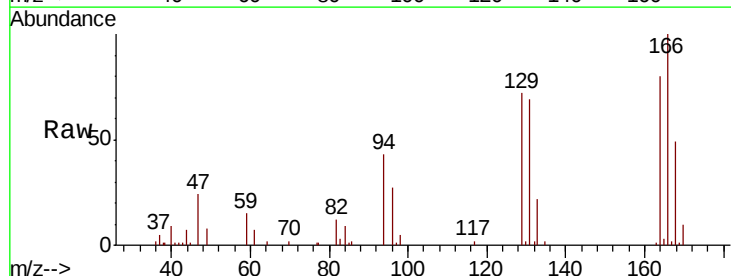


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

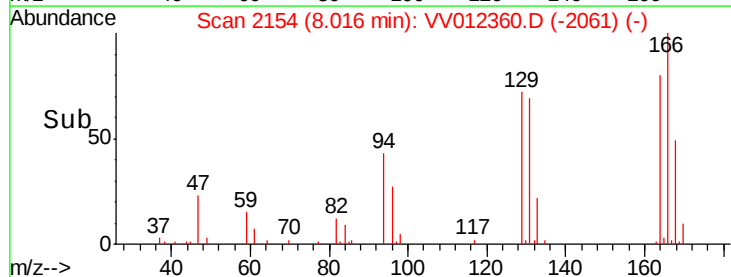
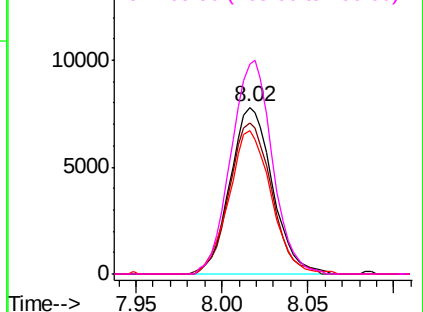


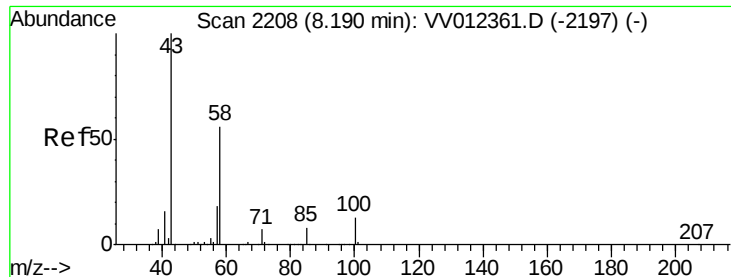
#47
 Tetrachloroethene
 Concen: 0.778 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion:	164	Resp:	13345
Ion	Ratio	Lower	Upper
164	100		
129	90.8	60.6	112.6
131	86.1	58.8	109.2
166	125.6	87.6	162.8



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

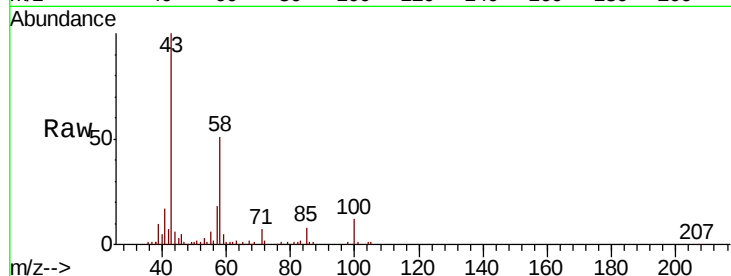




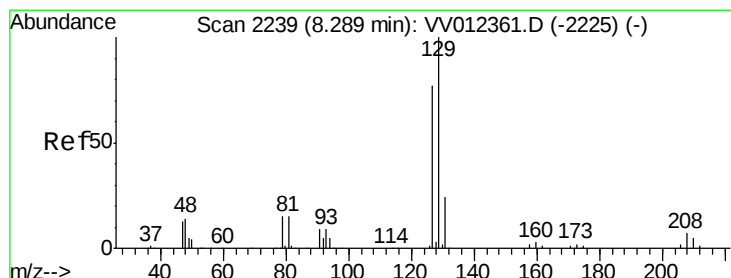
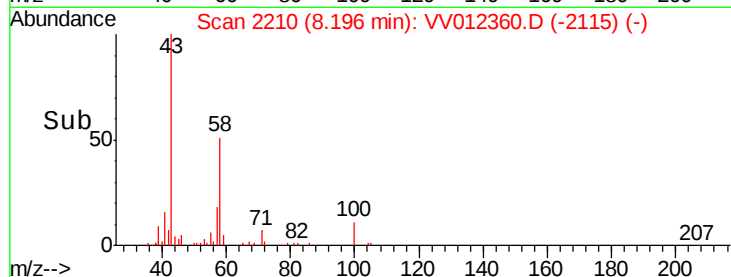
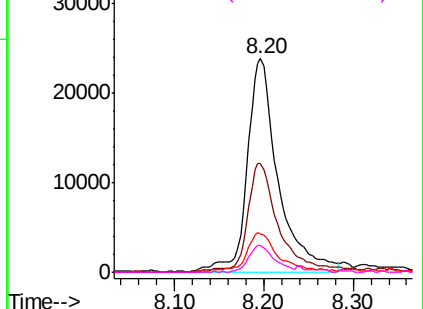
#48
2-Hexanone
Concen: 7.760 ug/L
RT: 8.20 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Instrument :
MSVOA_V
ClientSampled :
VSTD00134

Tgt Ion: 43 Resp: 57684
Ion Ratio Lower Upper
43 100
58 46.6 46.3 69.5
57 16.5 14.9 22.3
100 10.3 9.7 14.5

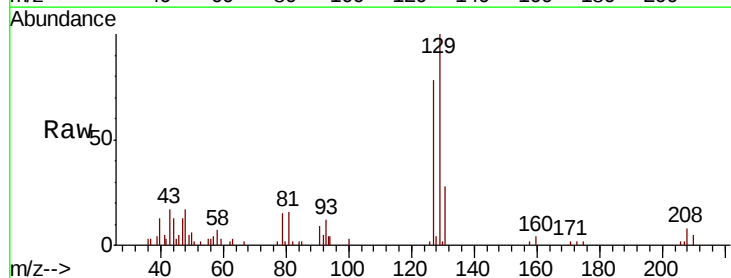


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

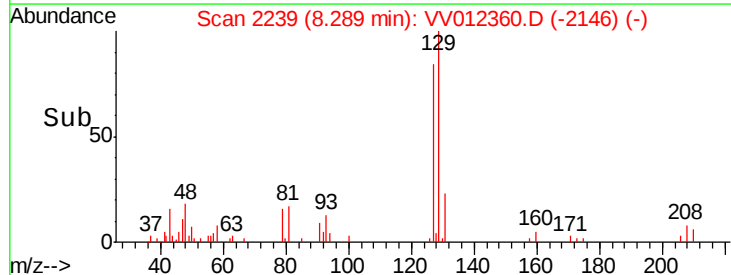
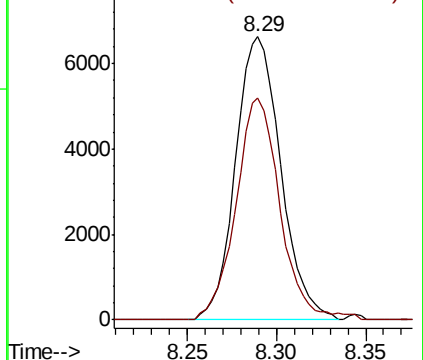


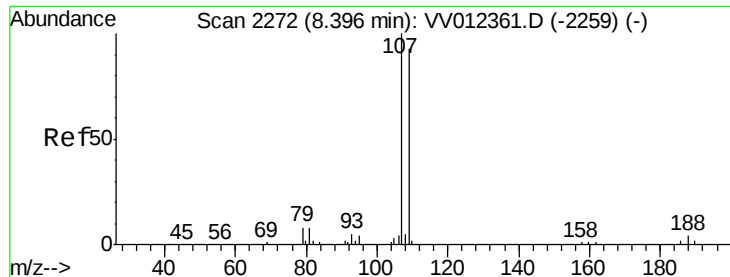
#49
Dibromochloromethane
Concen: 0.739 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion: 129 Resp: 11715
Ion Ratio Lower Upper
129 100
127 78.2 53.8 99.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

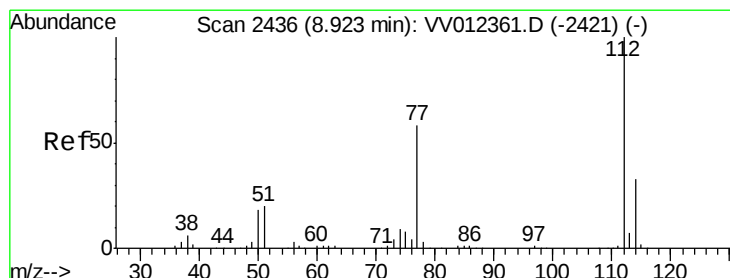
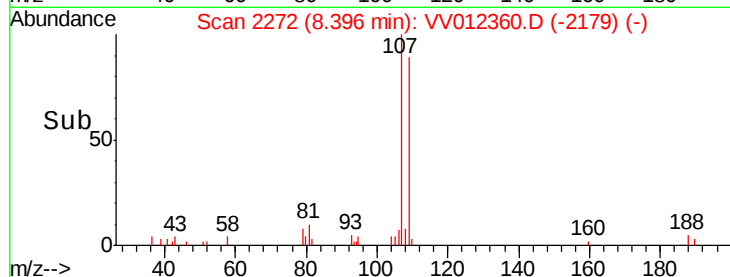
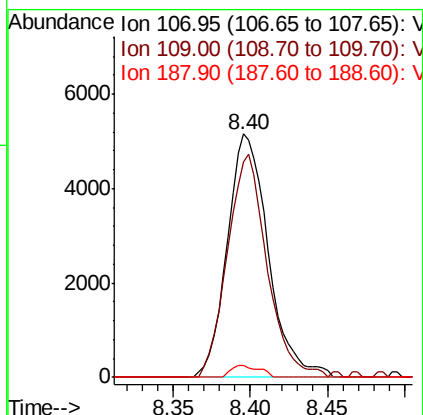
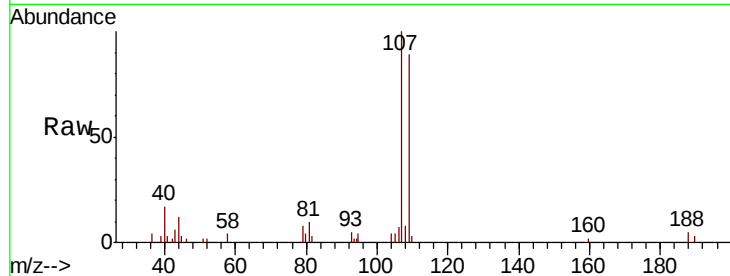




#50
 1,2-Dibromoethane
 Concen: 0.769 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

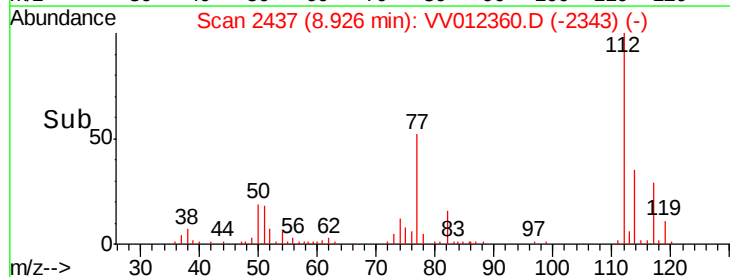
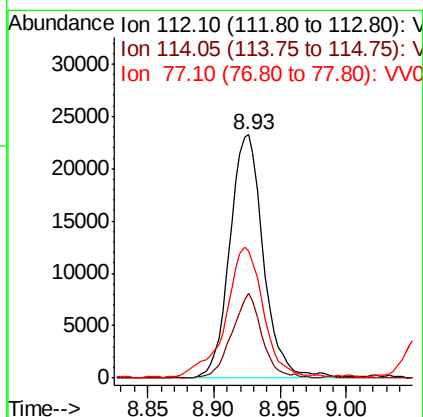
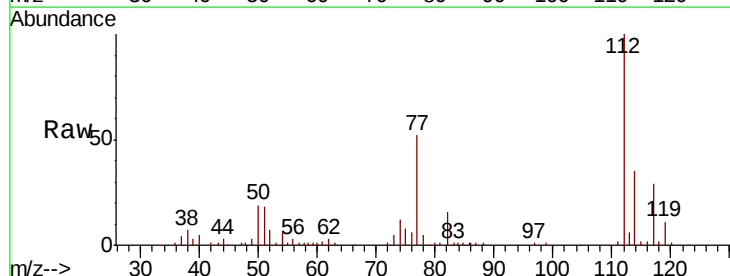
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

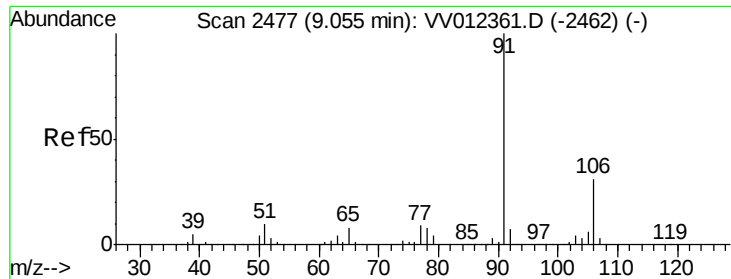
Tgt Ion:107 Resp: 9483
 Ion Ratio Lower Upper
 107 100
 109 88.6 64.9 120.5
 188 5.0 3.5 5.3



#51
 Chlorobenzene
 Concen: 0.775 ug/L
 RT: 8.93 min Scan# 2437
 Delta R.T. 0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion:112 Resp: 40944
 Ion Ratio Lower Upper
 112 100
 114 34.8 23.0 42.6
 77 52.2 46.4 69.6

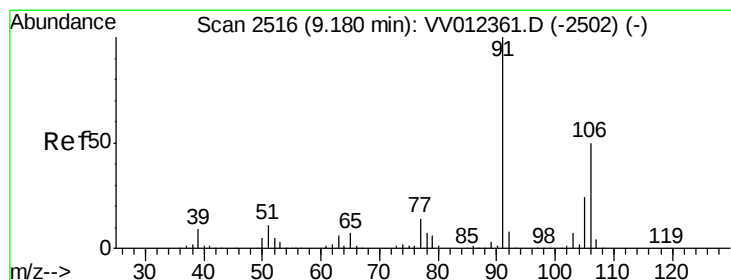
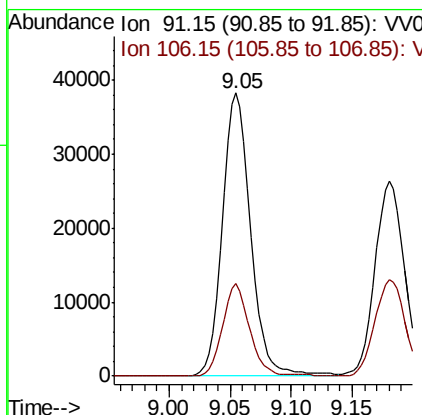
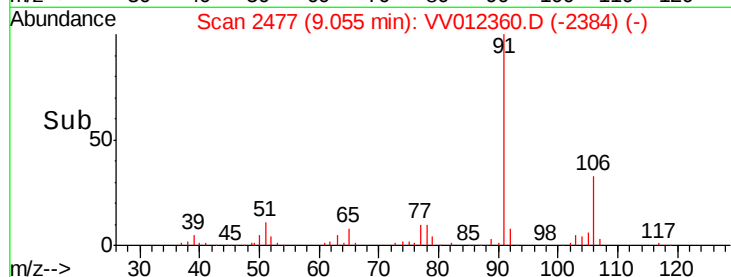
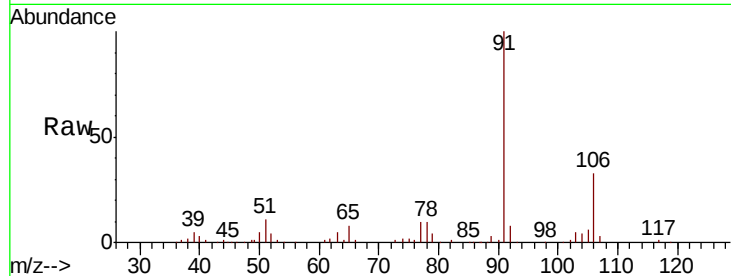




#52
Ethylbenzene
Concen: 0.717 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

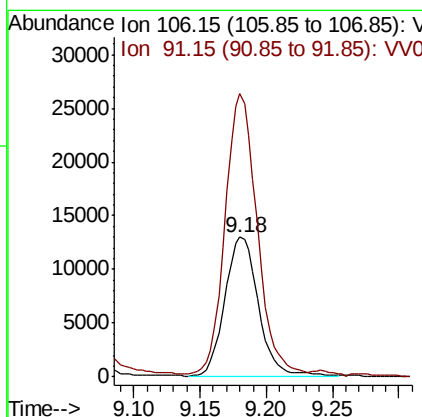
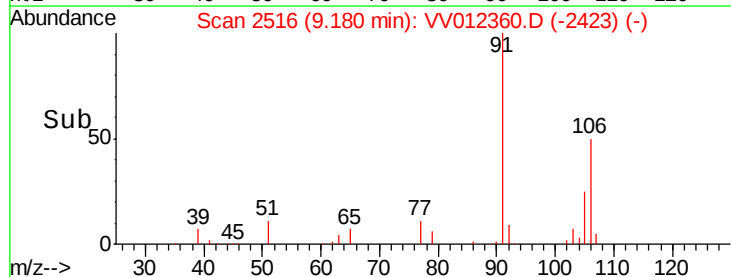
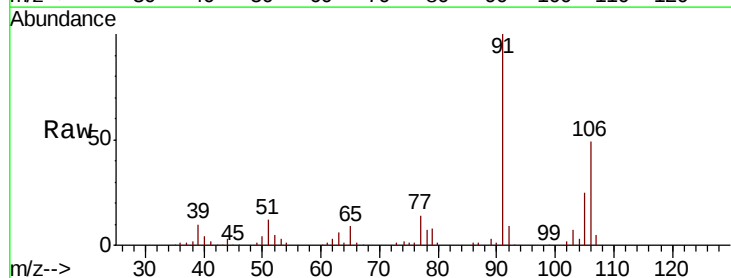
Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

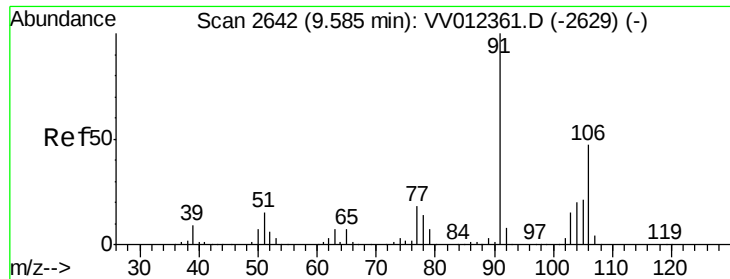
Tgt Ion: 91 Resp: 62452
Ion Ratio Lower Upper
91 100
106 32.7 21.7 40.3



#53
m,p-xylene
Concen: 0.700 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion: 106 Resp: 23274
Ion Ratio Lower Upper
106 100
91 202.6 140.8 261.4

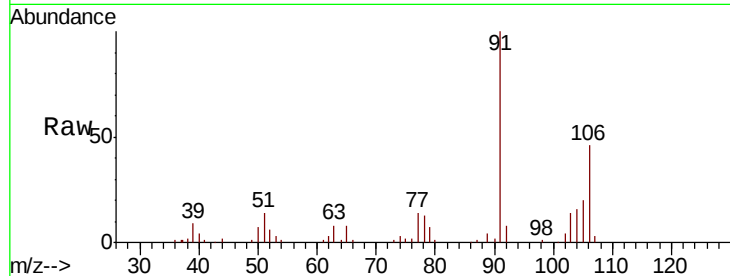




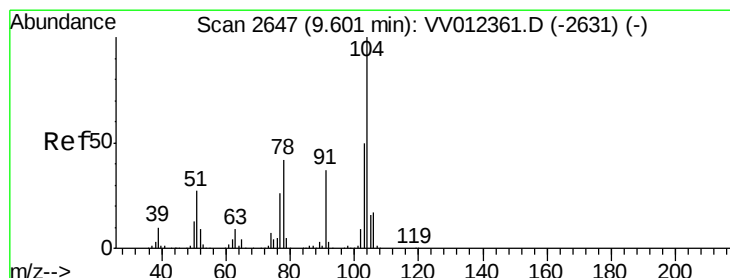
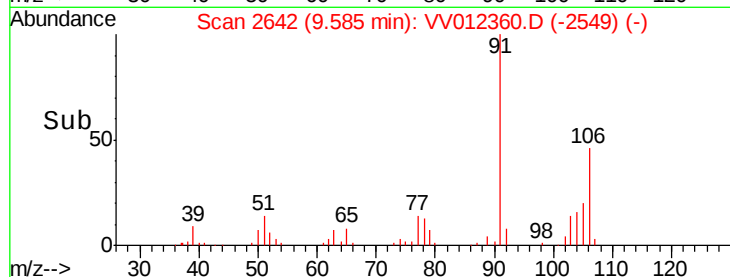
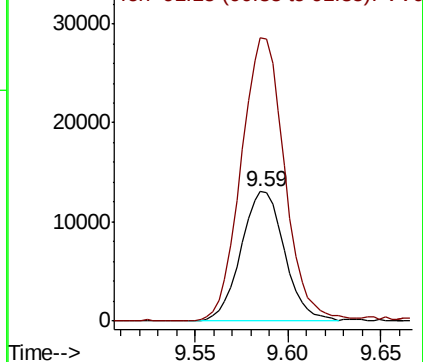
#54
o-xylene
Concen: 0.676 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD00134

Tgt Ion:106 Resp: 21317
Ion Ratio Lower Upper
106 100
91 219.1 149.5 277.7

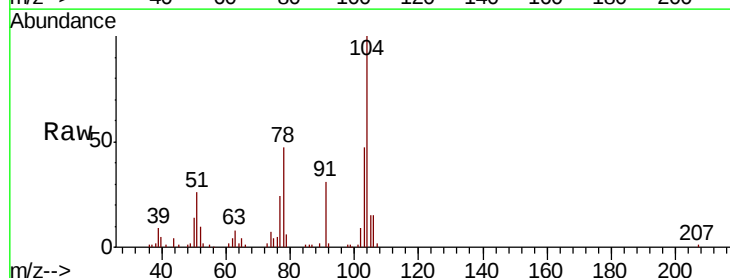


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

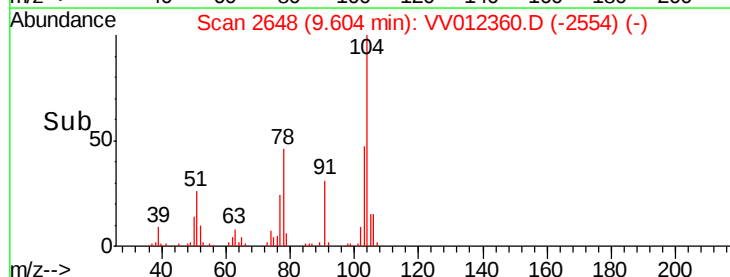
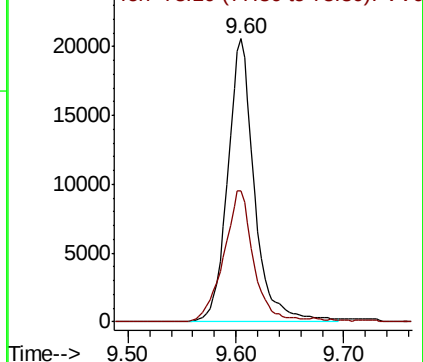


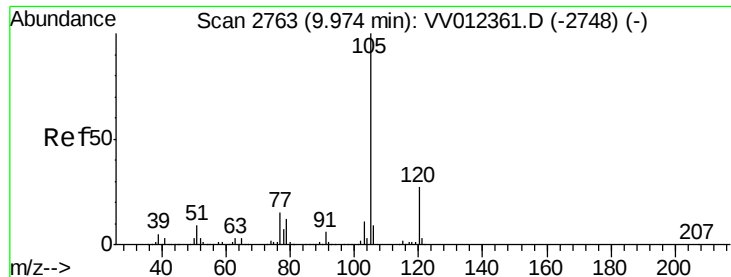
#55
Styrene
Concen: 0.675 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012360.D
Acq: 23 Aug 2019 12:45

Tgt Ion:104 Resp: 35537
Ion Ratio Lower Upper
104 100
78 46.5 29.8 55.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 0.684 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00134

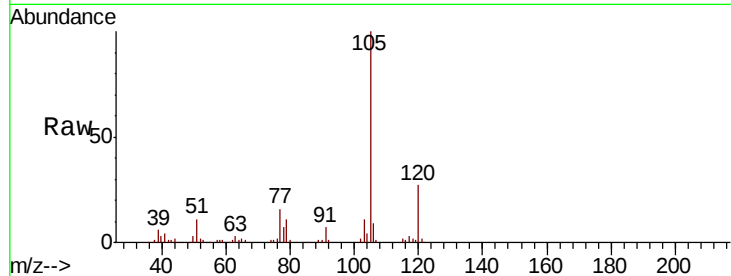
Tgt Ion: 105 Resp: 57903

Ion Ratio Lower Upper

105 100

120 27.0 21.5 32.3

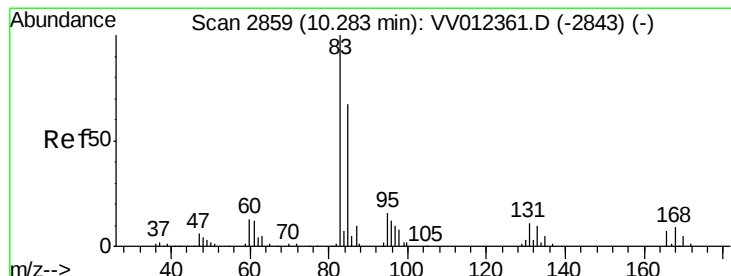
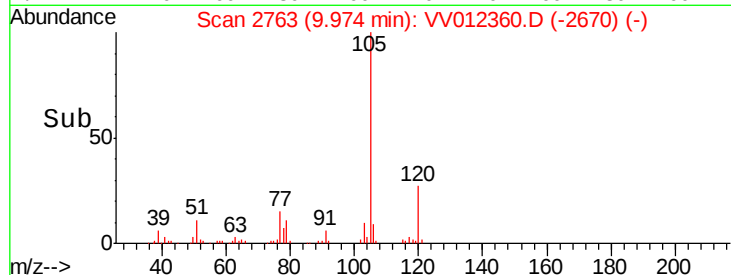
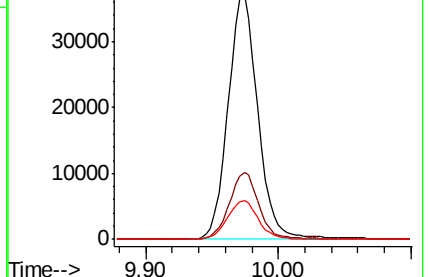
77 16.4 12.5 18.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.693 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

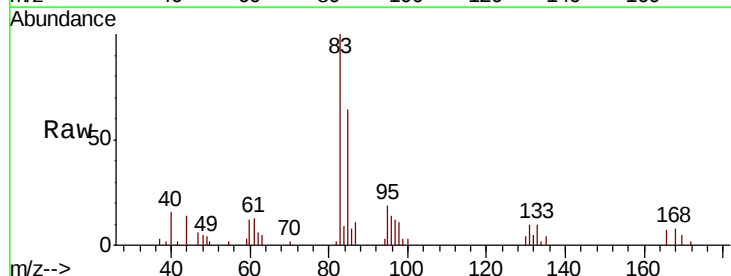
Tgt Ion: 83 Resp: 10170

Ion Ratio Lower Upper

83 100

85 63.9 46.5 86.5

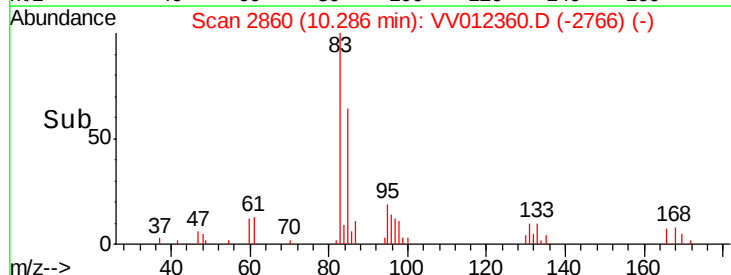
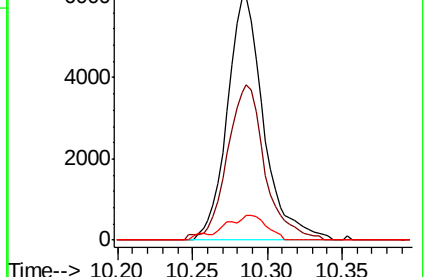
131 10.0 8.9 13.3

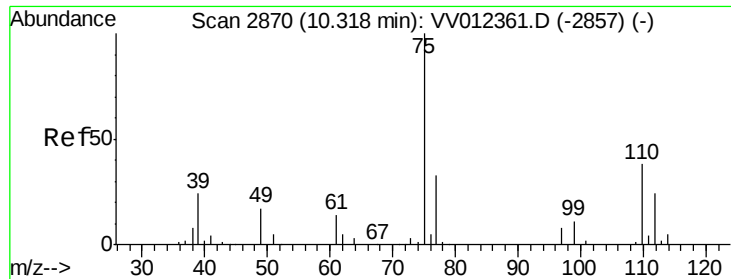


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

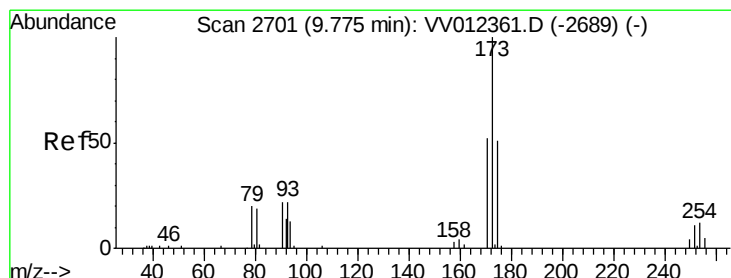
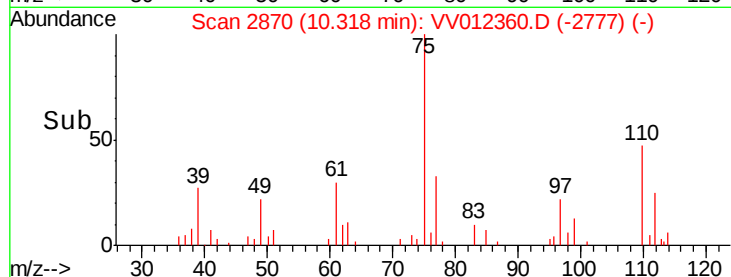
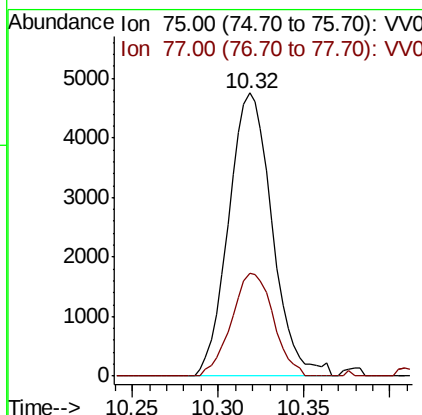
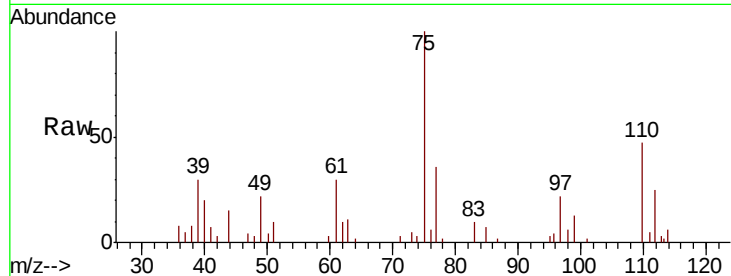




#59
 1,2,3-Trichloropropane
 Concen: 0.775 ug/L
 RT: 10.32 min Scan# 2870
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

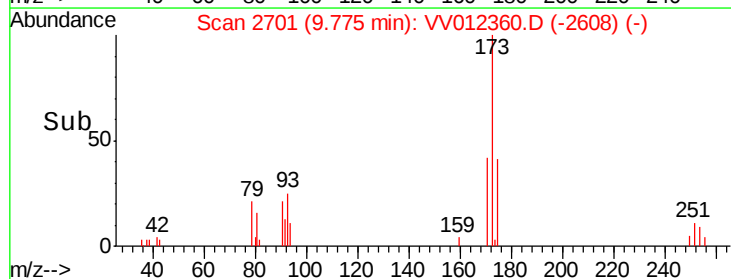
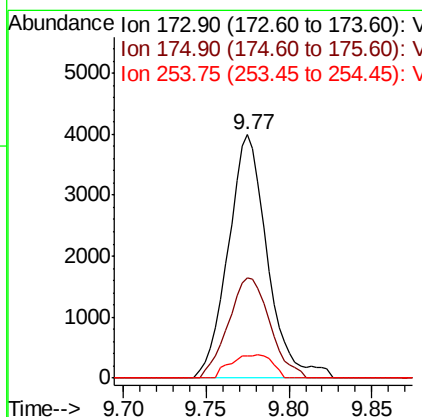
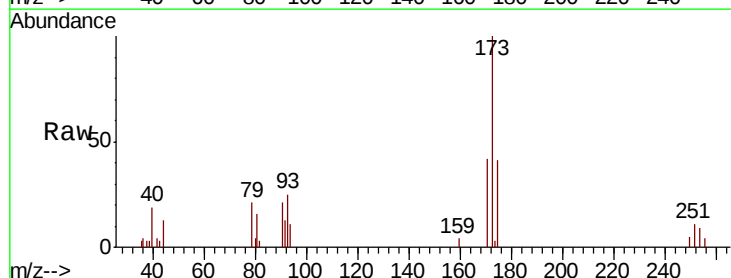
Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD00134

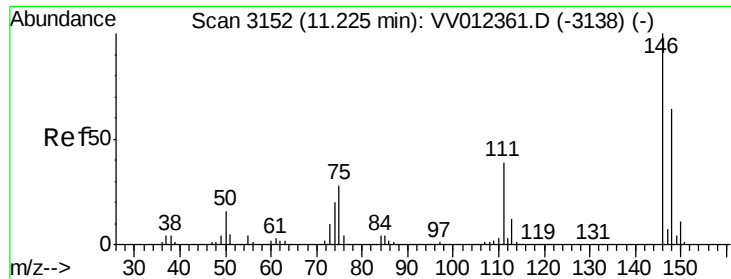
Tgt Ion: 75 Resp: 8405
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.9 38.9



#61
 Bromoform
 Concen: 0.869 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion: 173 Resp: 6553
 Ion Ratio Lower Upper
 173 100
 175 43.8 40.7 61.1
 254 10.2 9.5 14.3

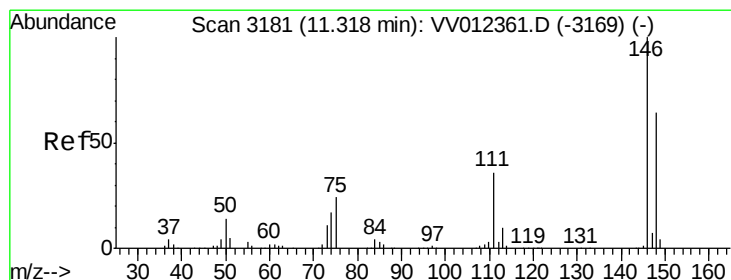
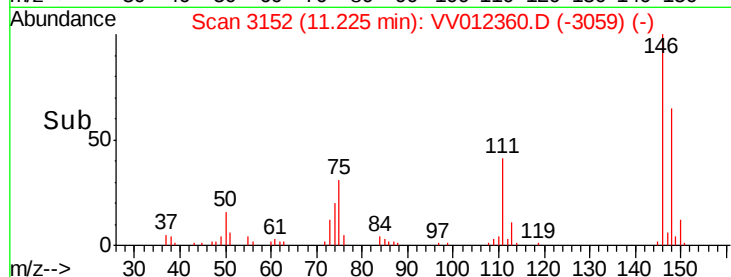
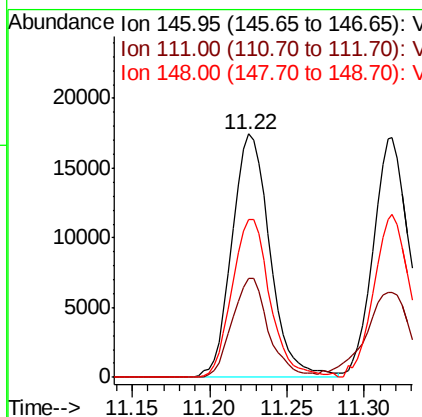
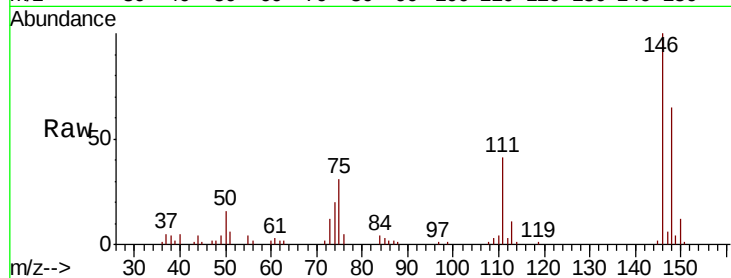




#62
 1,3-Dichlorobenzene
 Concen: 0.767 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

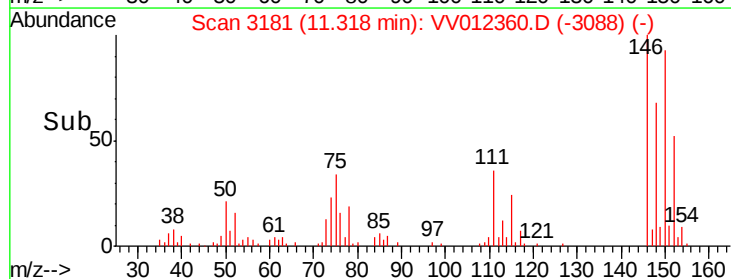
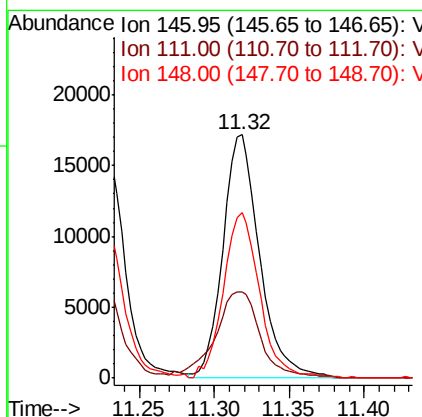
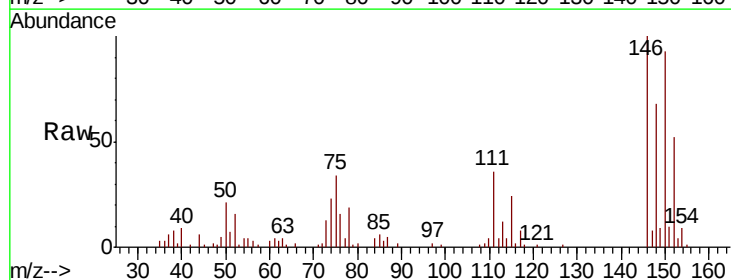
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

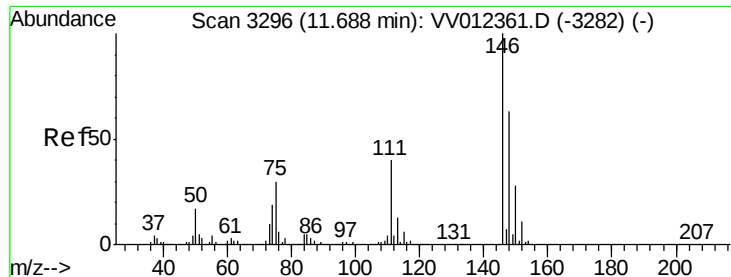
Tgt Ion:146 Resp: 29815
 Ion Ratio Lower Upper
 146 100
 111 40.8 27.0 50.2
 148 64.7 44.7 83.1



#63
 1,4-Dichlorobenzene
 Concen: 0.760 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion:146 Resp: 29442
 Ion Ratio Lower Upper
 146 100
 111 35.6 25.7 47.7
 148 68.1 45.0 83.6





#65

1,2-Dichlorobenzene

Concen: 0.768 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00134

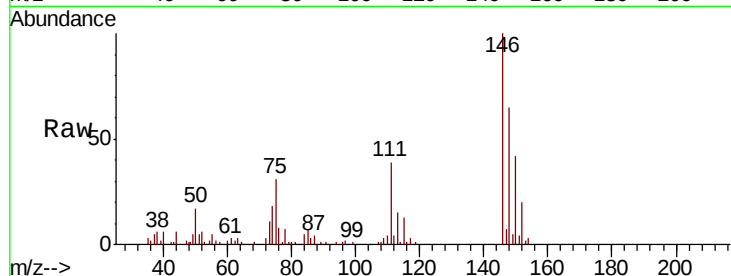
Tgt Ion:146 Resp: 27421

Ion Ratio Lower Upper

146 100

111 38.6 31.9 47.9

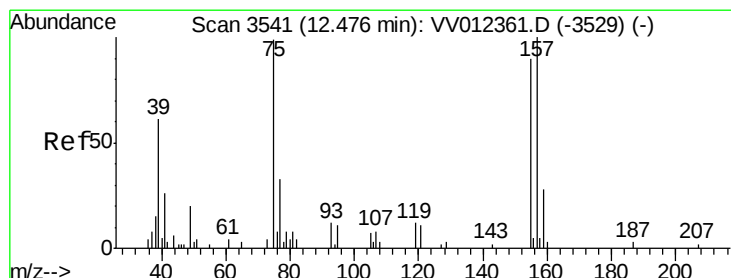
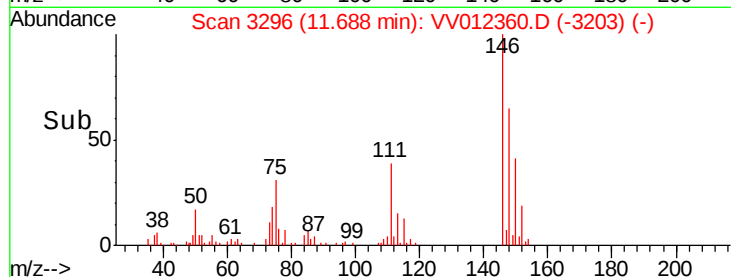
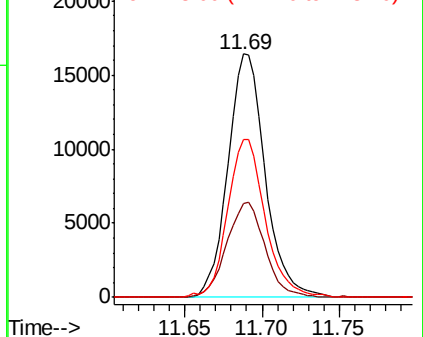
148 64.8 50.2 75.4



Abundance Ion 145.95 (145.65 to 146.65): 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: 0.667 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. -0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

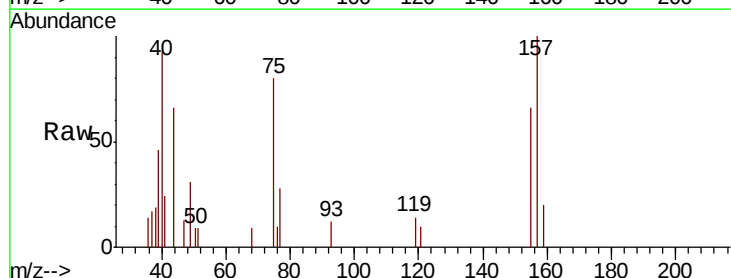
Tgt Ion: 75 Resp: 1506

Ion Ratio Lower Upper

75 100

155 82.5 72.6 109.0

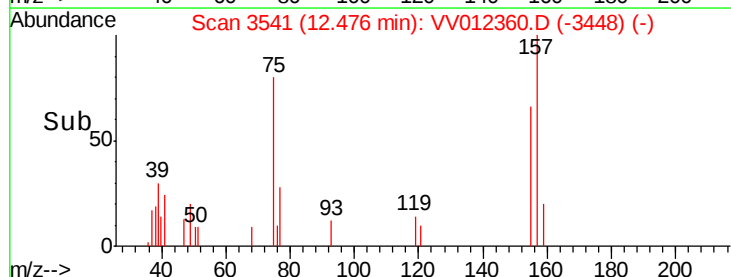
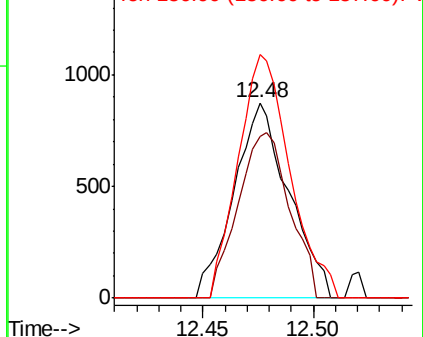
157 124.7 80.5 120.7#

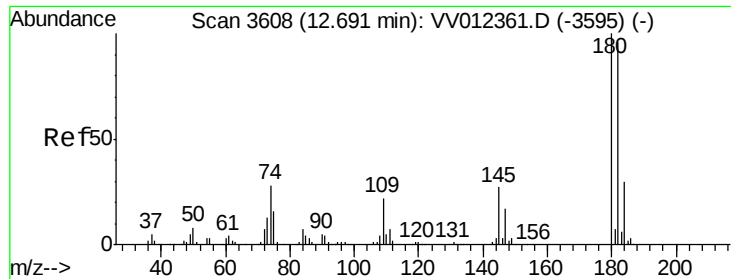


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

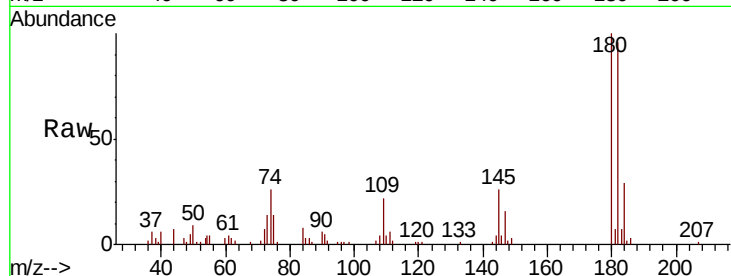




#67
 1,3,5-Trichlorobenzene
 Concen: 0.762 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00134

Tgt Ion:	180	Resp:	22441
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.4	114.6
184	28.2	23.9	35.9
145	27.5	22.1	33.1



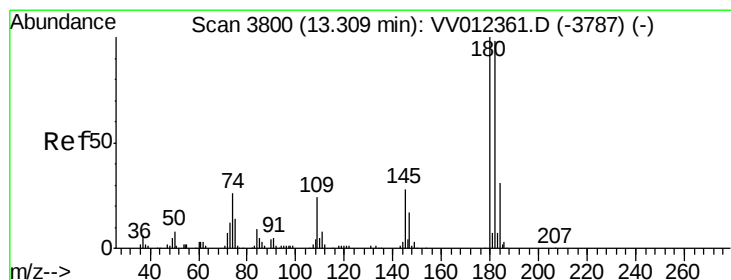
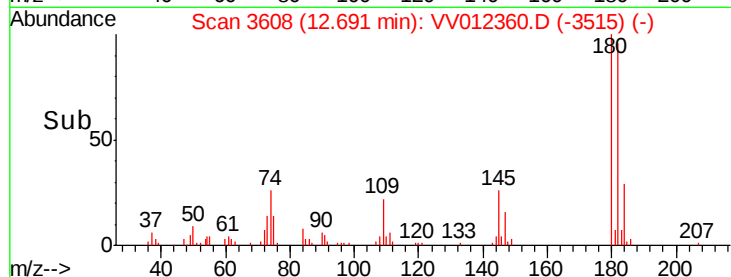
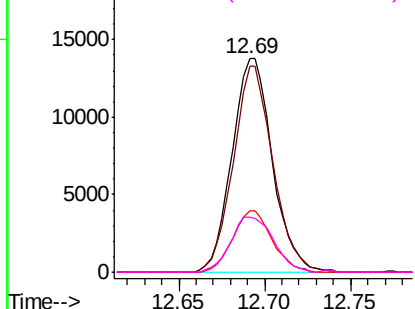
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

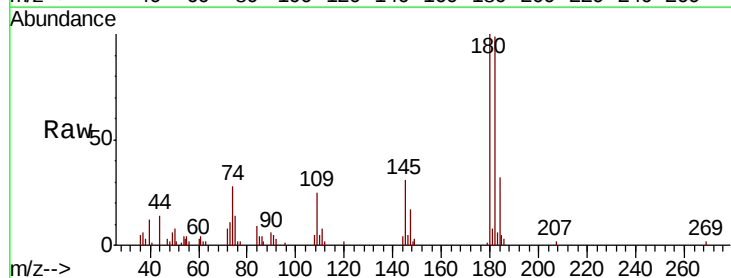
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.621 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV012360.D
 Acq: 23 Aug 2019 12:45

Tgt Ion:	180	Resp:	13478
Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.3	115.9
145	27.9	22.6	34.0

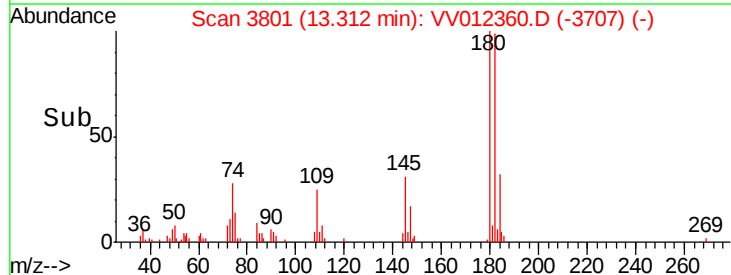
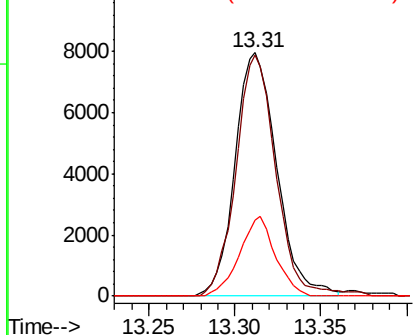


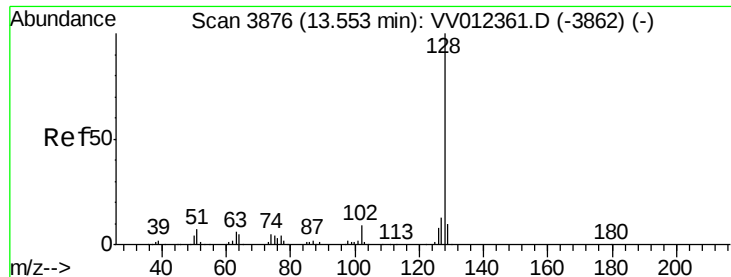
Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.487 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD00134

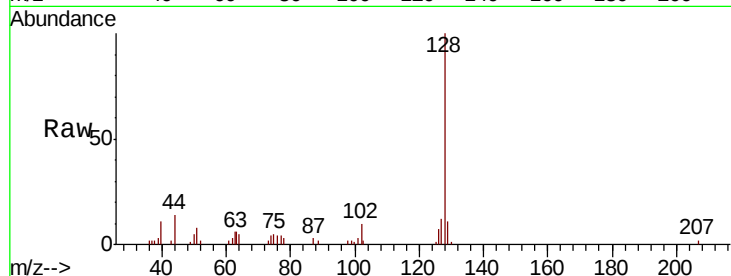
Tgt Ion:128 Resp: 14939

Ion Ratio Lower Upper

128 100

129 12.1 8.6 12.8

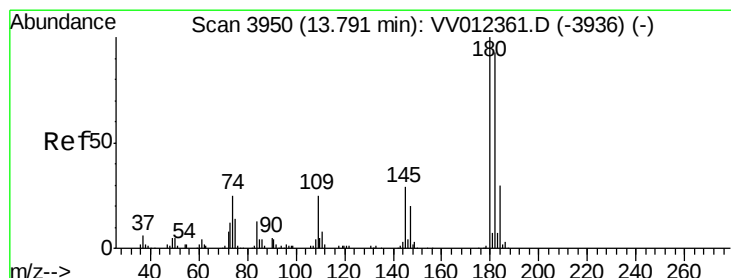
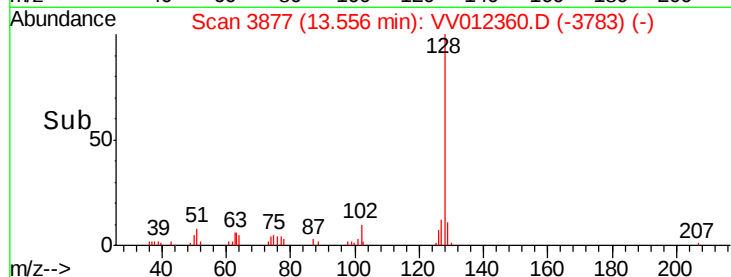
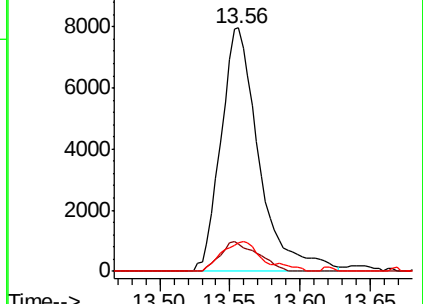
127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.597 ug/L

RT: 13.79 min Scan# 3951

Delta R.T. 0.00 min

Lab File: VV012360.D

Acq: 23 Aug 2019 12:45

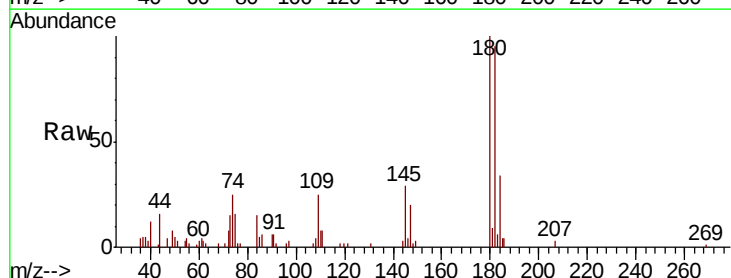
Tgt Ion:180 Resp: 12187

Ion Ratio Lower Upper

180 100

182 97.0 75.1 112.7

145 29.2 23.4 35.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

