

Data File : VV014525.D
Acq On : 06 Feb 2020 18:27
Operator : SY/MD
Sample : VSTD02563
Misc : 5.0g/10.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

Quant Time: Feb 07 03:21:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM020720S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 03:18:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344474	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	325247	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	163722	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80314	17.89	ug/L	0.00
7) Chloroethane-d5	1.58	69	59165	18.07	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	133875	17.11	ug/L	0.00
20) 2-Butanone-d5	3.92	46	77724	36.21	ug/L	0.00
24) Chloroform-d	4.40	84	194020	20.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	121979	22.30	ug/L	0.00
29) Benzene-d6	5.09	84	444408	23.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	136339	23.70	ug/L	0.00
37) Toluene-d8	7.35	98	412423	24.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	66275	25.80	ug/L	0.00
39) 2-Hexanone-d5	8.13	63	62296	50.10	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	124177	23.39	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	150962	23.70	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	159880	28.445 ug/L	100
3) Chloromethane	1.25	50	114843	21.661 ug/L	100
5) Vinyl chloride	1.32	62	100713	19.802 ug/L	100
6) Bromomethane	1.53	94	56163	23.249 ug/L	100
8) Chloroethane	1.60	64	53165	18.922 ug/L	100
9) Trichlorofluoromethane	1.77	101	157571	22.014 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	76892	18.705 ug/L	100
12) 1,1-Dichloroethene	2.14	96	68953	17.893 ug/L	100
13) Acetone	2.18	43	68561	27.395 ug/L	100
14) Carbon disulfide	2.32	76	387829	24.432 ug/L	100
15) Methyl Acetate	2.45	43	72185	19.155 ug/L	100
16) Methylene chloride	2.53	84	146230	22.738 ug/L	100
17) Methyl tert-butyl Ether	2.80	73	351542	25.656 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	133557	24.369 ug/L	100
19) 1,1-Dichloroethane	3.23	63	230051	23.284 ug/L	100
21) 2-Butanone	4.01	43	111566	42.047 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	148673	25.489 ug/L	100
23) Bromochloromethane	4.29	128	67873	24.522 ug/L	100
25) Chloroform	4.42	83	259145	25.026 ug/L	100
27) 1,2-Dichloroethane	5.17	62	163479	23.277 ug/L	100
30) Cyclohexane	4.72	56	219449	25.318 ug/L	100
31) 1,1,1-Trichloroethane	4.65	97	199544	24.399 ug/L	100
32) Carbon tetrachloride	4.87	117	173958	24.049 ug/L	100
34) Benzene	5.14	78	526807	24.885 ug/L	100
35) Trichloroethene	5.96	95	137923	24.210 ug/L	100
36) Methylcyclohexane	6.17	83	236608	26.343 ug/L	100
40) 1,2-Dichloropropane	6.22	63	134060	25.093 ug/L	100
41) Bromodichloromethane	6.55	83	176084	25.361 ug/L	100
42) cis-1,3-Dichloropropene	7.06	75	221480	27.212 ug/L	100
43) 4-Methyl-2-pentanone	7.26	43	199060	42.007 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	7.42	91	564377	25.967	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	185940	26.871	ug/L	100
46) 1,1,2-Trichloroethane	7.88	97	108427	25.182	ug/L	100
47) Tetrachloroethene	8.01	164	106749	22.536	ug/L	100
49) 2-Hexanone	8.17	43	152263	43.966	ug/L	100
50) Dibromochloromethane	8.29	129	130514	25.364	ug/L	100
51) 1,2-Dibromoethane	8.39	107	112237	25.236	ug/L	100
52) Chlorobenzene	8.92	112	369332	25.104	ug/L	100
53) Ethylbenzene	9.05	91	633230	26.433	ug/L	100
54) m,p-Xylene	9.18	106	242449	26.867	ug/L	100
55) o-xylene	9.58	106	236456	27.323	ug/L	100
56) Styrene	9.60	104	408224	27.370	ug/L	100
57) Isopropylbenzene	9.97	105	620540	26.984	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	141661	25.443	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	104336	23.012	ug/L	100
62) Bromoform	9.77	173	76712	23.998	ug/L	100
63) 1,3-Dichlorobenzene	11.22	146	296120	26.051	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	296471	25.458	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	273908	25.946	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	24374	25.091	ug/L	100
67) 1,3,5-Trichlorobenzene	12.68	180	215279	24.400	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	189337	24.758	ug/L	100
69) Naphthalene	13.54	128	429428	28.423	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	171411	24.376	ug/L	100

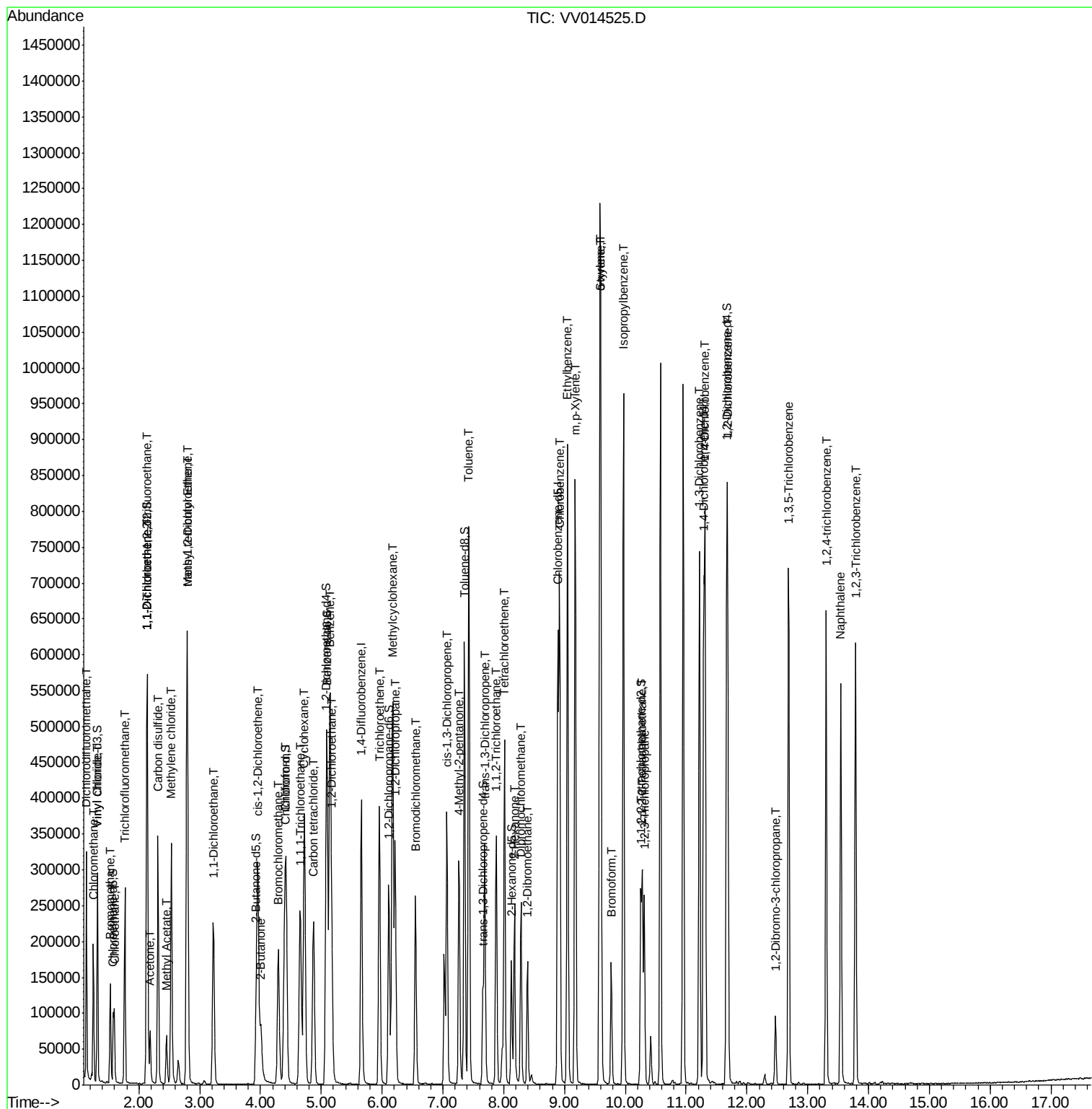
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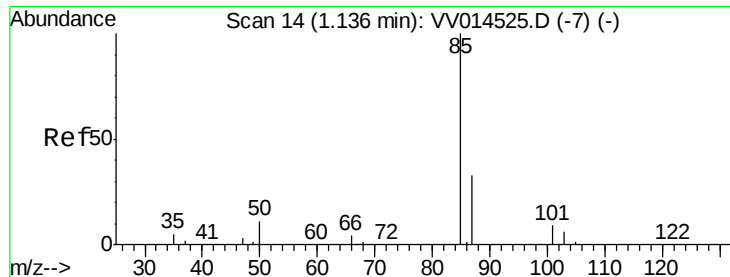
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#2

Dichlorodifluoromethane

Concen: 28.445 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

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Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

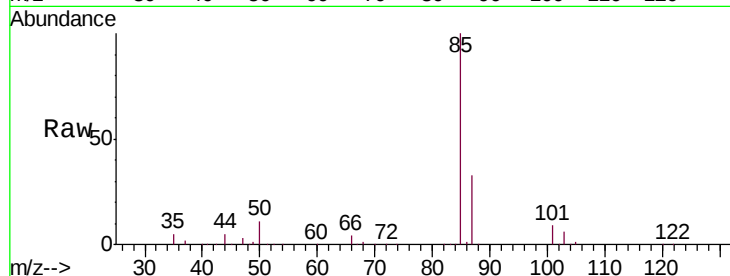
VSTD02563

Tgt Ion: 85 Resp: 159880

Ion Ratio Lower Upper

85 100

87 32.9 23.0 42.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

200000

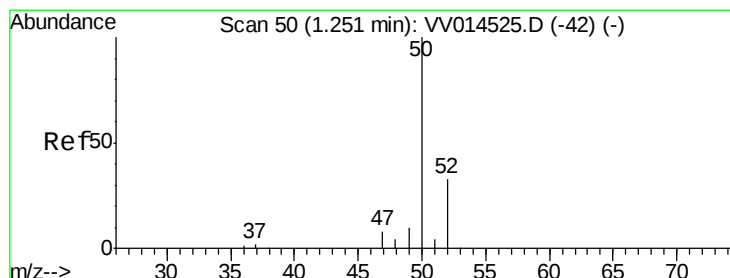
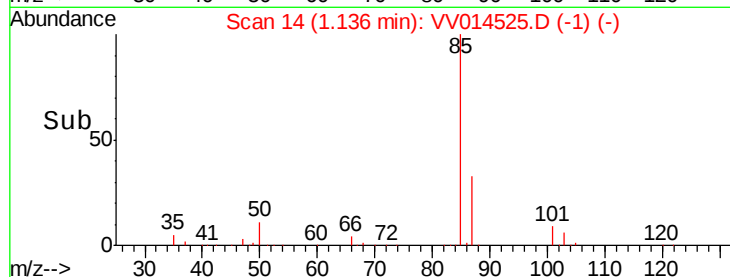
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 21.661 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014525.D

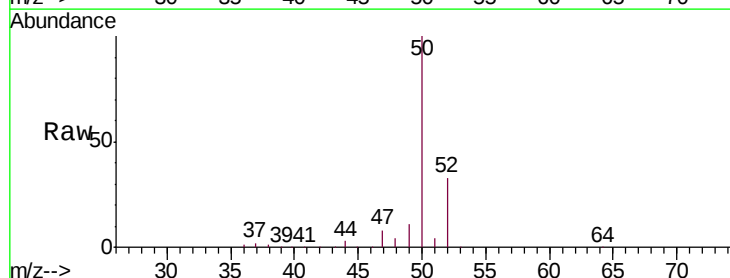
Acq: 06 Feb 2020 18:27

Tgt Ion: 50 Resp: 114843

Ion Ratio Lower Upper

50 100

52 32.7 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

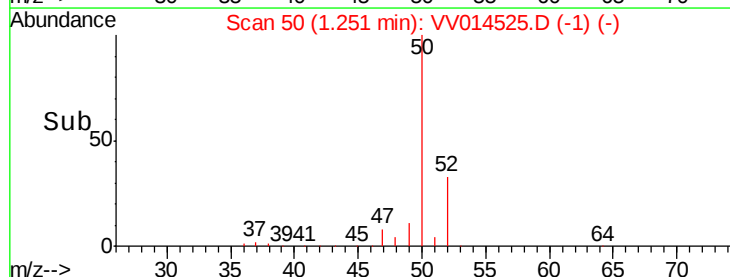
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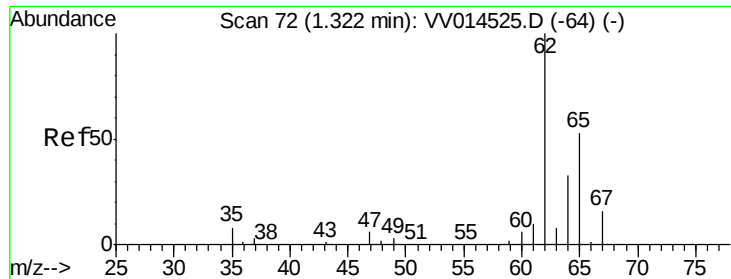
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Time-->





#5

Vinyl chloride

Concen: 19.802 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

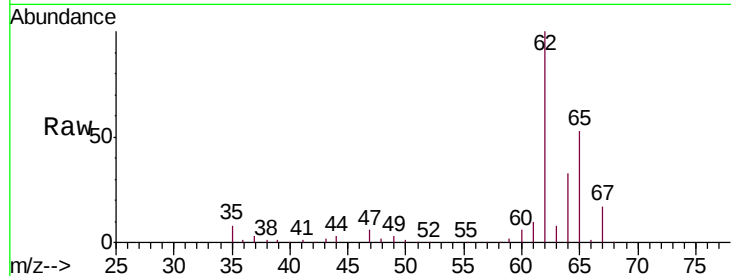
VSTD02563

Tgt Ion: 62 Resp: 100713

Ion Ratio Lower Upper

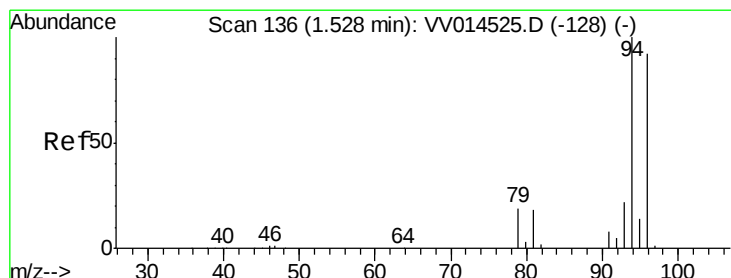
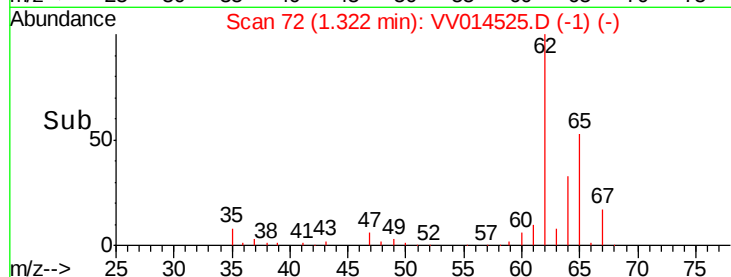
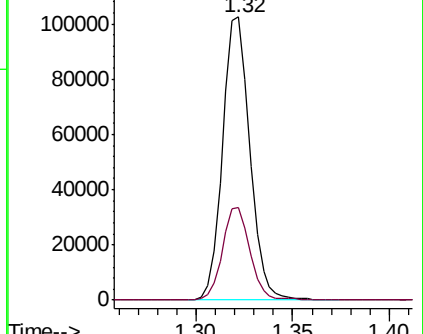
62 100

64 32.7 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 23.249 ug/L

RT: 1.53 min Scan# 136

Delta R.T. 0.00 min

Lab File: VV014525.D

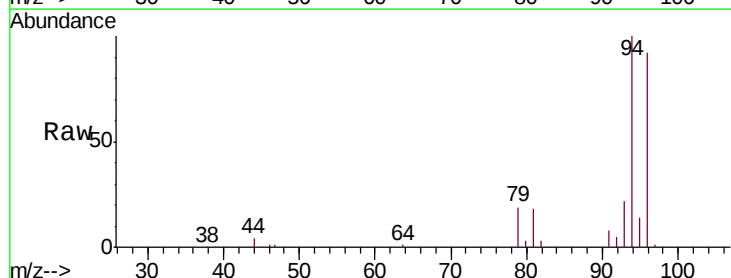
Acq: 06 Feb 2020 18:27

Tgt Ion: 94 Resp: 56163

Ion Ratio Lower Upper

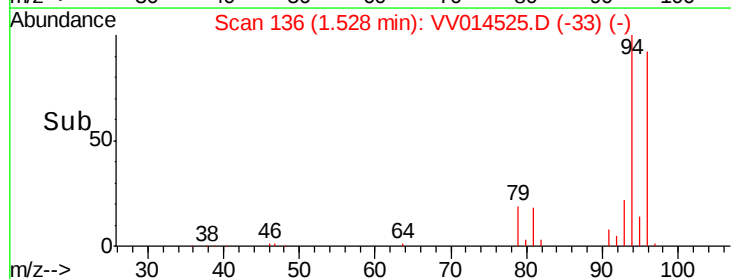
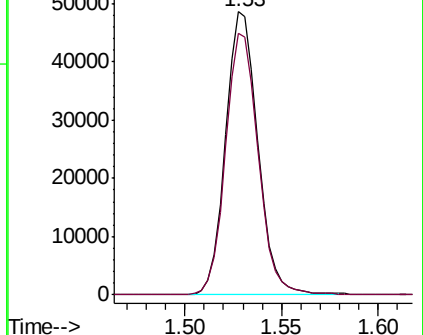
94 100

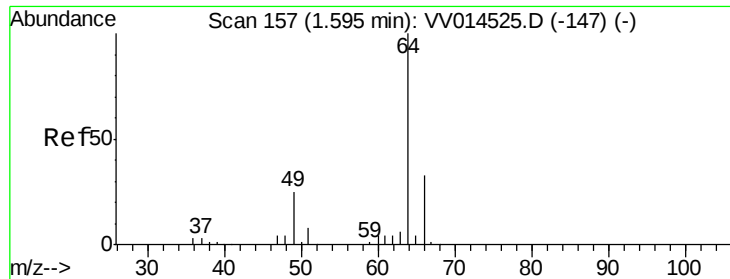
96 93.7 9.4 178.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

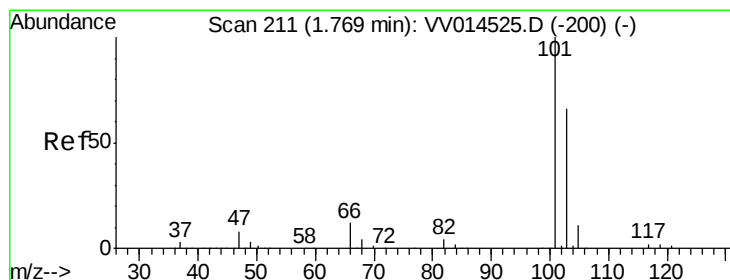
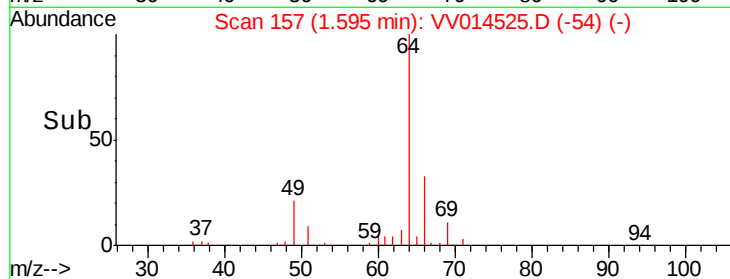
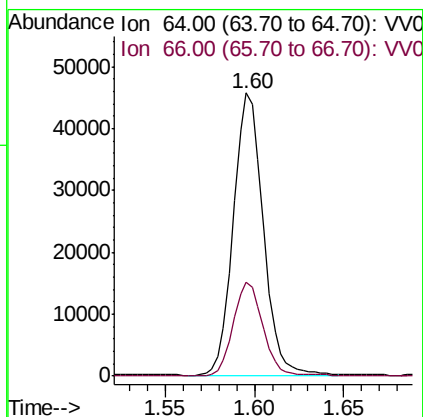
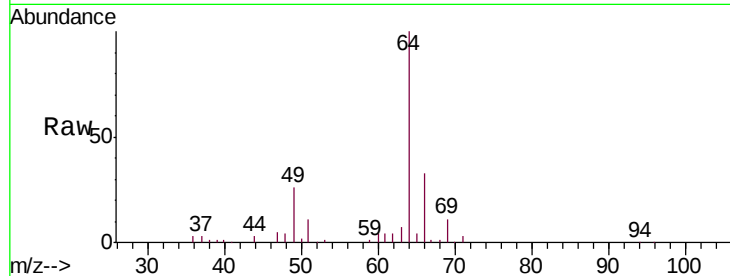




#8
Chloroethane
Concen: 18.922 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

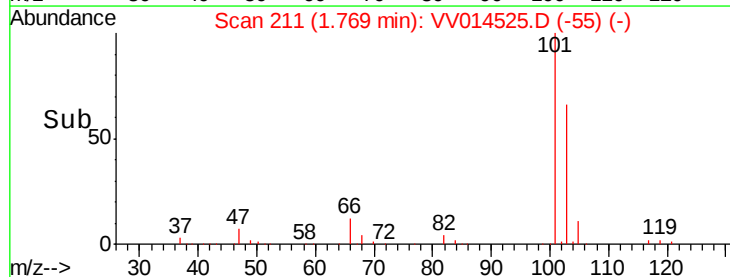
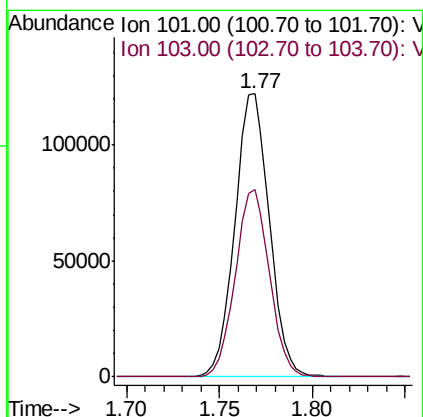
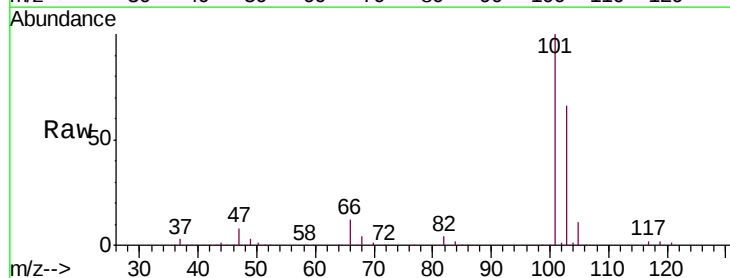
Instrument :
MSVOA_V
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VSTD02563

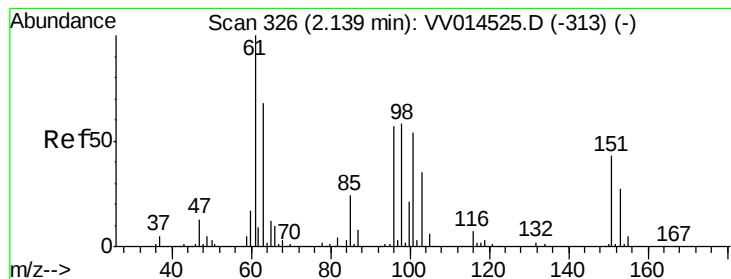
Tgt Ion: 64 Resp: 53165
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.014 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 101 Resp: 157571
Ion Ratio Lower Upper
101 100
103 65.5 45.8 85.2





#11

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

Concen: 18.705 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD02563

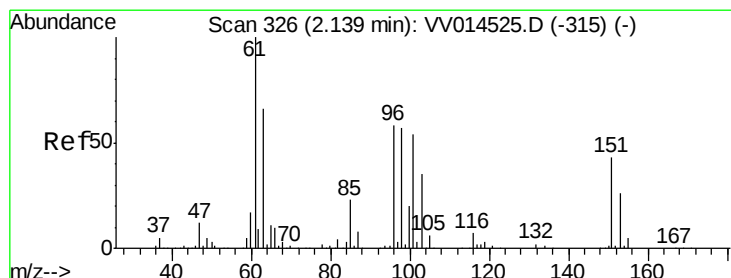
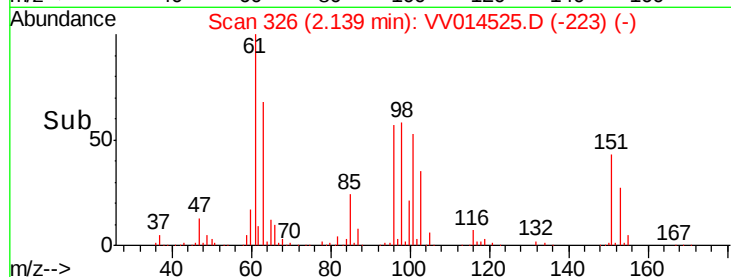
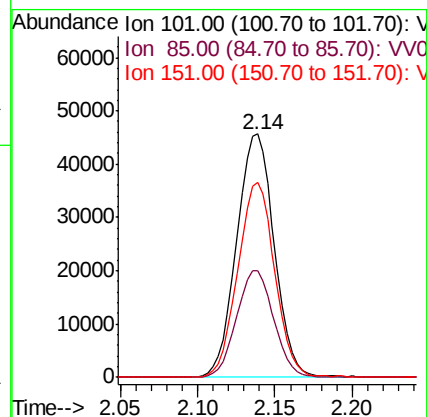
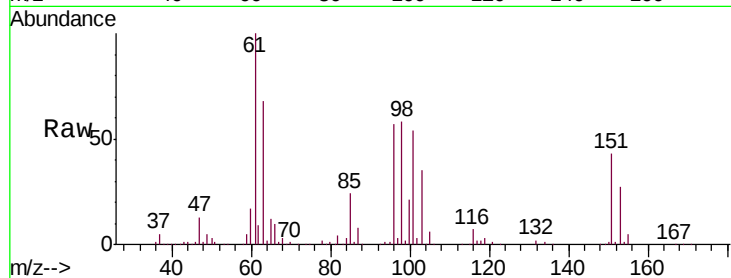
Tgt Ion: 101 Resp: 76892

Ion Ratio Lower Upper

101 100

85 43.5 34.8 52.2

151 78.6 62.9 94.3



#12

1,1-Dichloroethene

Concen: 17.893 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

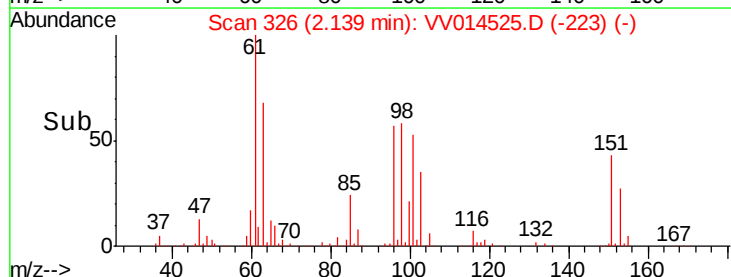
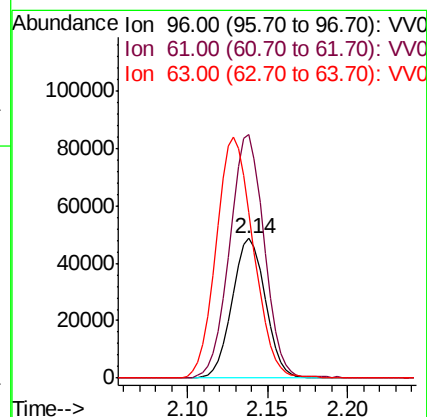
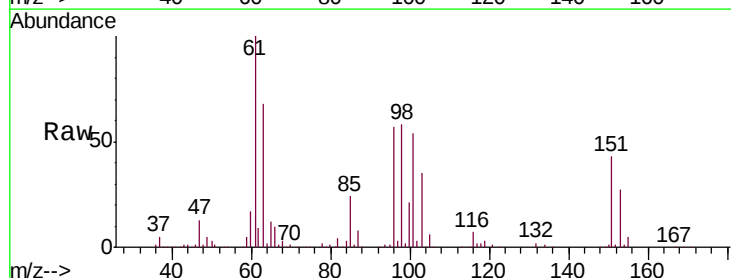
Tgt Ion: 96 Resp: 68953

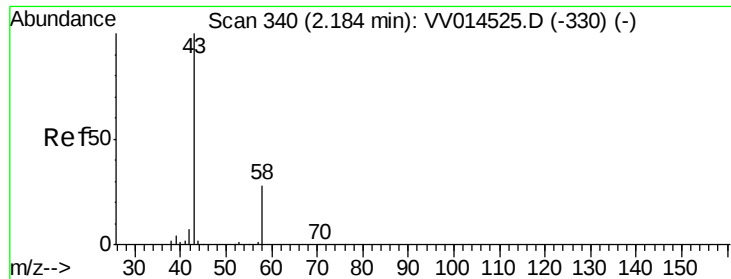
Ion Ratio Lower Upper

96 100

61 174.2 121.9 226.5

63 118.8 83.2 154.4





#13

Acetone

Concen: 27.395 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV014525.D

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Instrument :

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ClientSampleId :

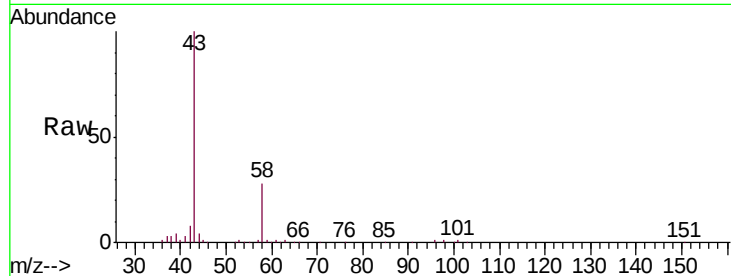
VSTD02563

Tgt Ion: 43 Resp: 68561

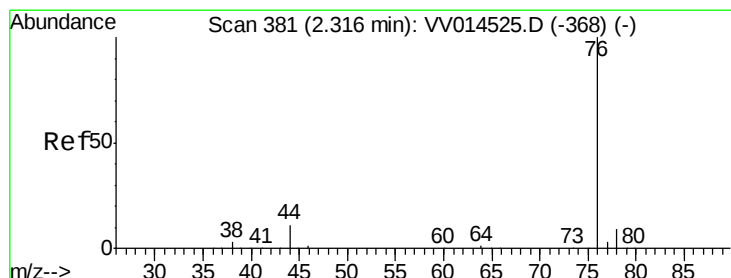
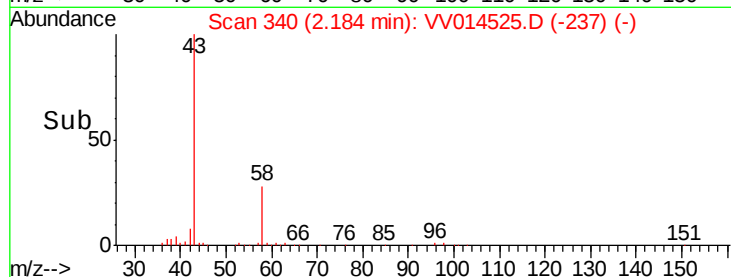
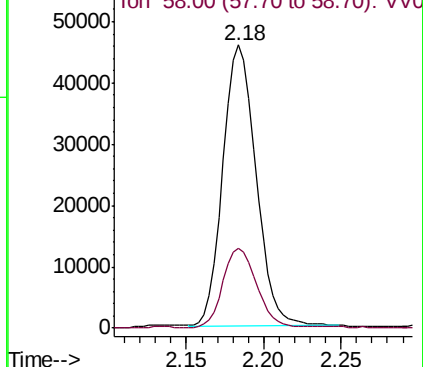
Ion Ratio Lower Upper

43 100

58 29.4 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV014525.D (-330) (-)



#14

Carbon disulfide

Concen: 24.432 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV014525.D

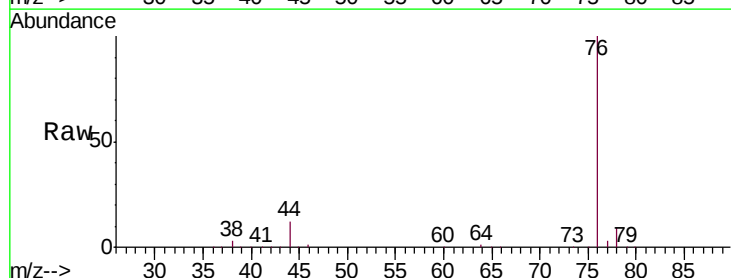
Acq: 06 Feb 2020 18:27

Tgt Ion: 76 Resp: 387829

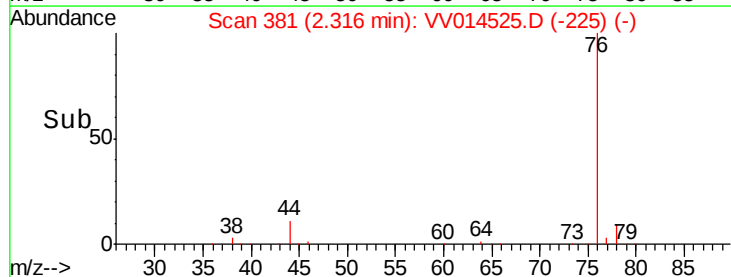
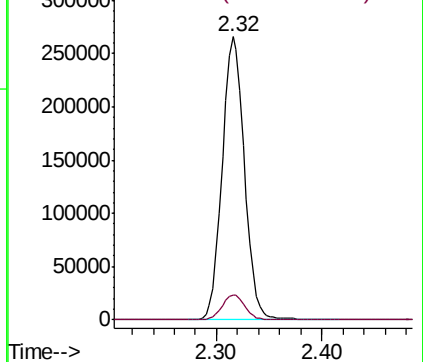
Ion Ratio Lower Upper

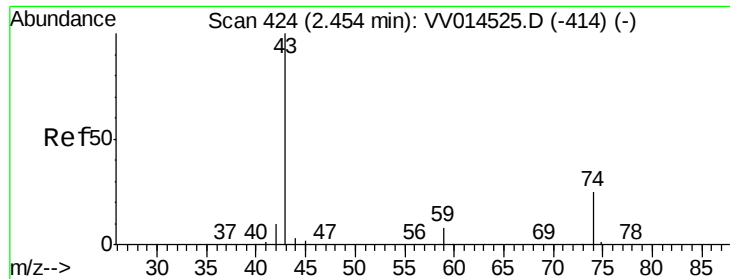
76 100

78 9.0 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV014525.D (-368) (-)

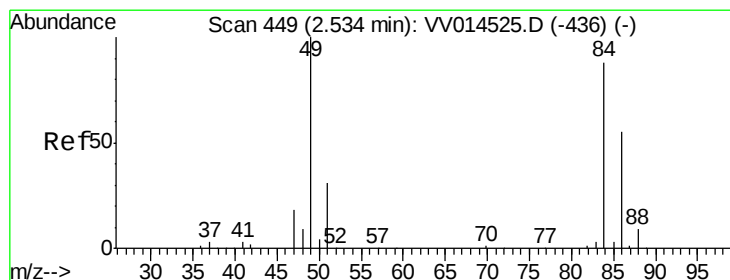
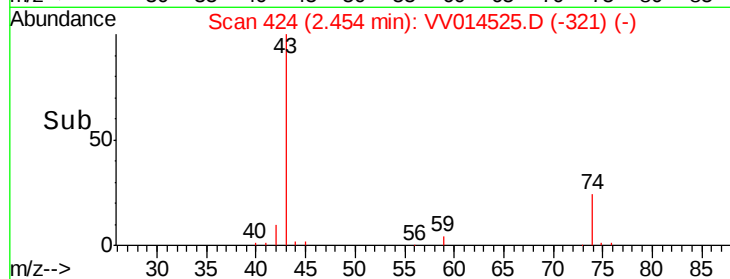
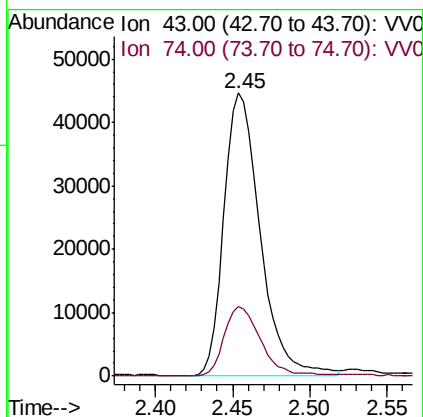
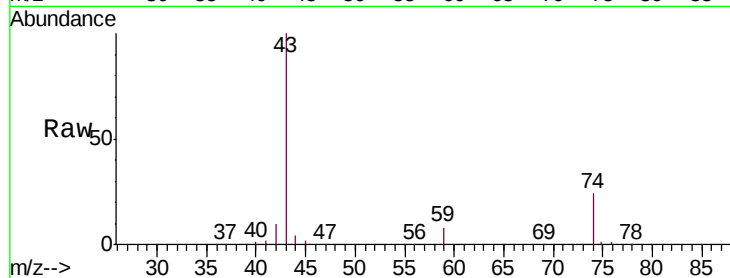




#15
Methyl Acetate
Concen: 19.155 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

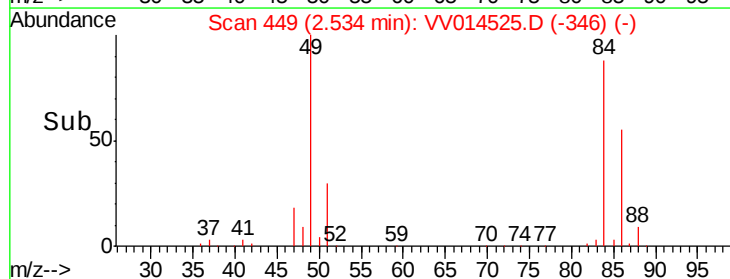
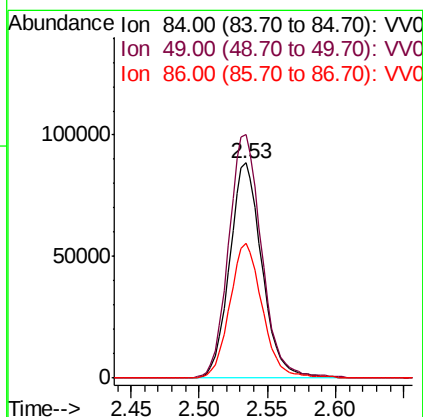
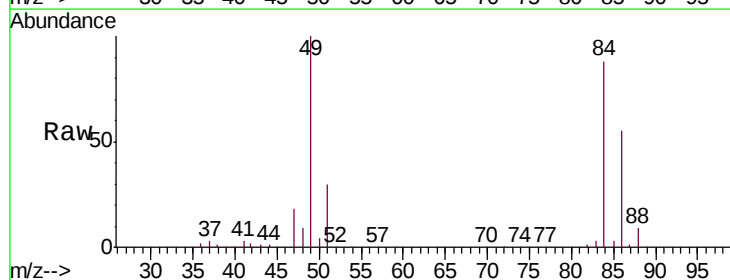
Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

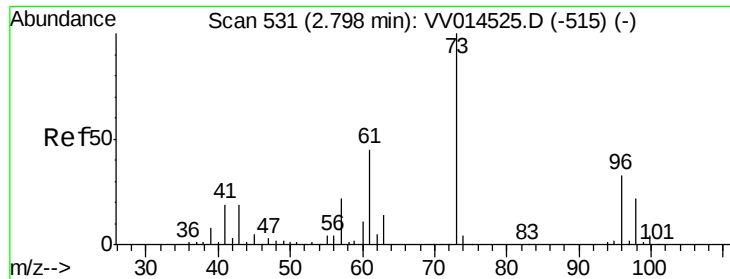
Tgt Ion: 43 Resp: 72185
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.0



#16
Methylene chloride
Concen: 22.738 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 84 Resp: 146230
Ion Ratio Lower Upper
84 100
49 113.0 79.1 146.9
86 62.7 43.9 81.5

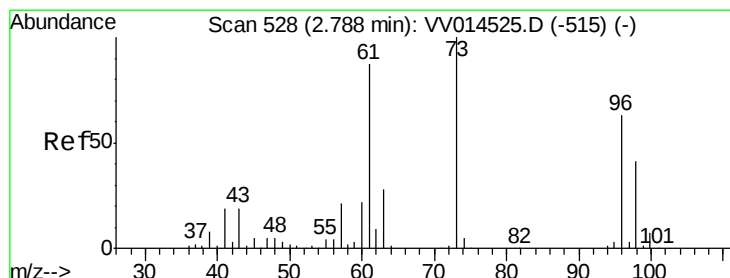
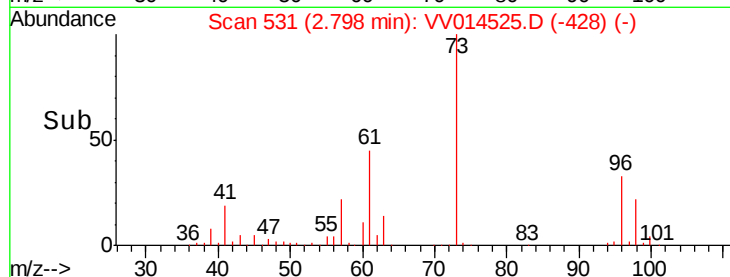
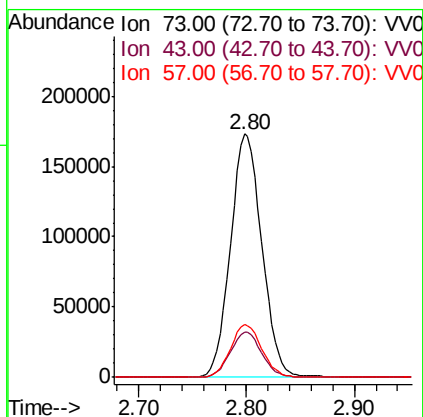
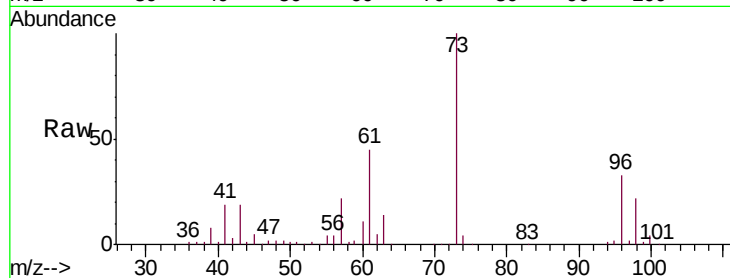




#17
Methyl tert-butyl Ether
Concen: 25.656 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

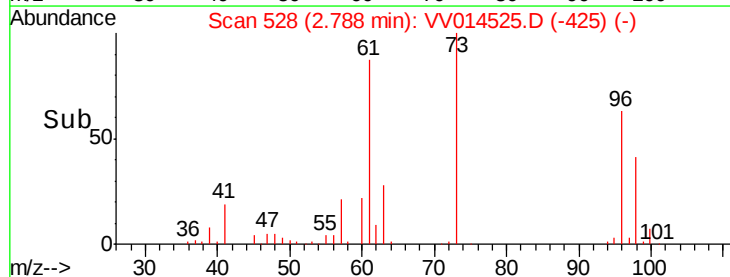
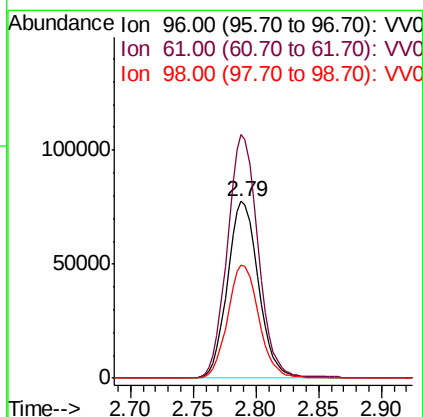
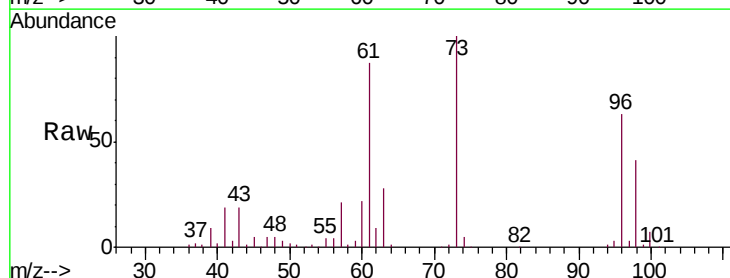
Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

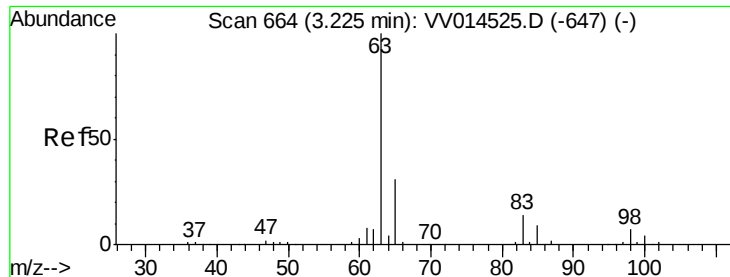
Tgt Ion: 73 Resp: 351542
Ion Ratio Lower Upper
73 100
43 18.4 14.7 22.1
57 21.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 24.369 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 96 Resp: 133557
Ion Ratio Lower Upper
96 100
61 137.5 96.2 178.8
98 64.0 44.8 83.2

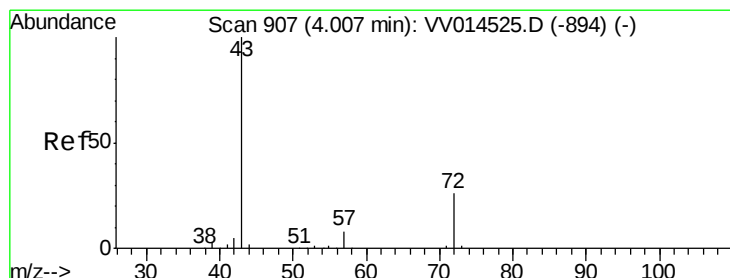
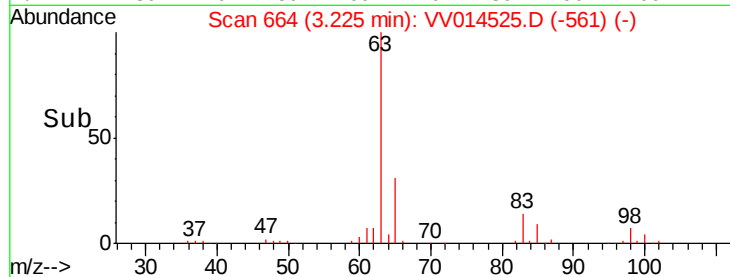
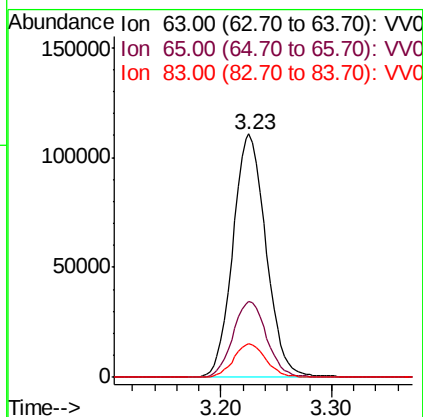
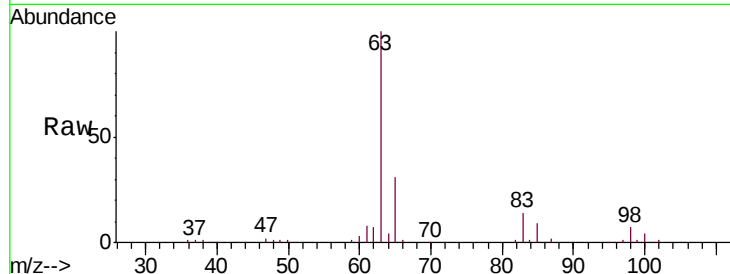




#19
 1,1-Dichloroethane
 Concen: 23.284 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

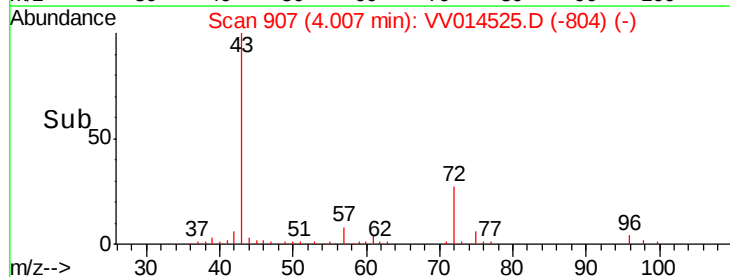
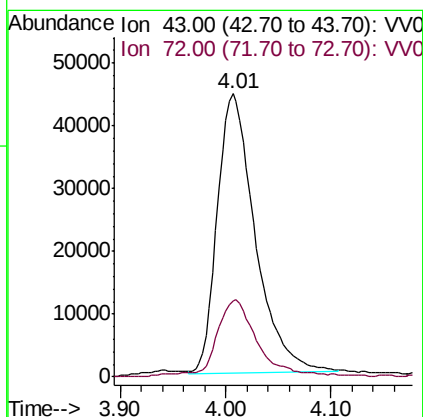
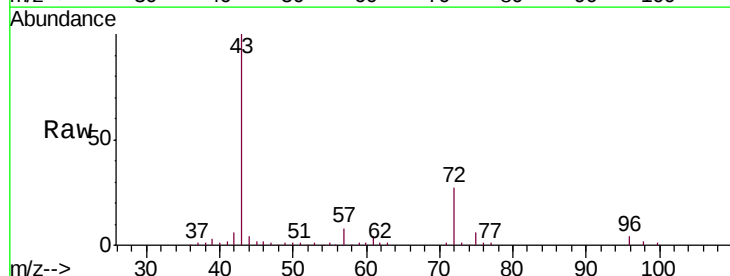
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

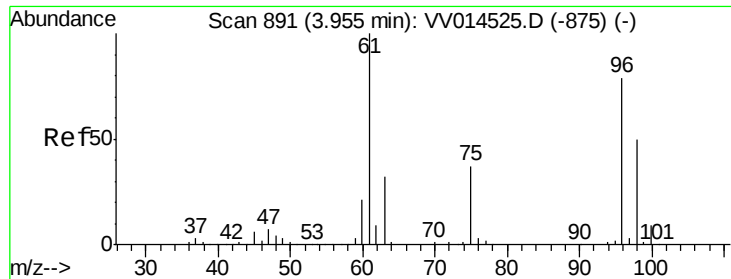
Tgt Ion: 63 Resp: 230051
 Ion Ratio Lower Upper
 63 100
 65 31.1 21.8 40.4
 83 13.6 9.5 17.7



#21
 2-Butanone
 Concen: 42.047 ug/L
 RT: 4.01 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Tgt Ion: 43 Resp: 111566
 Ion Ratio Lower Upper
 43 100
 72 26.9 13.5 40.4



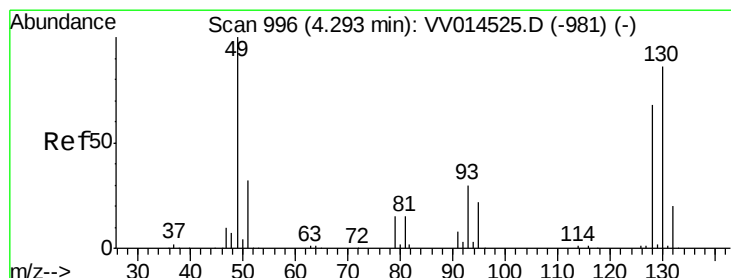
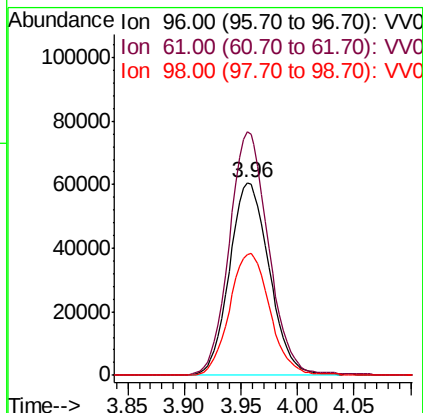
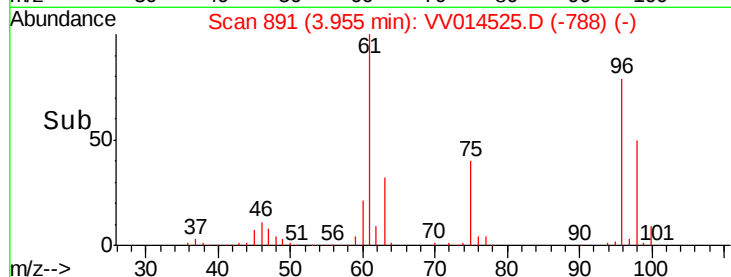
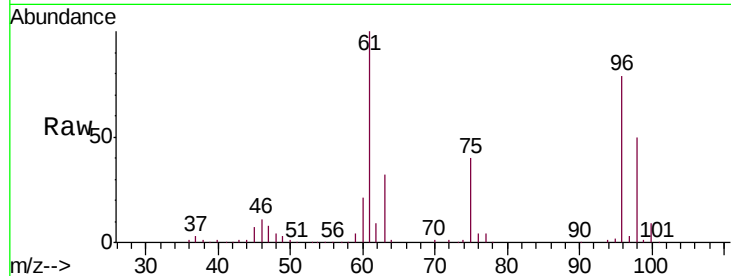


#22

cis-1,2-Dichloroethene
Concen: 25.489 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

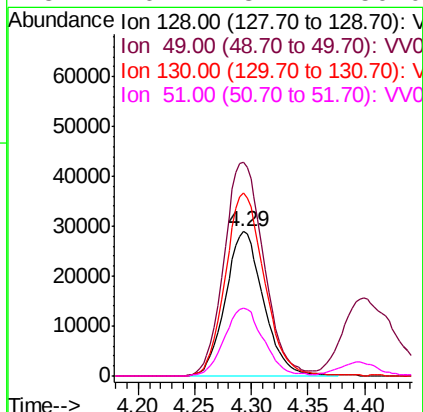
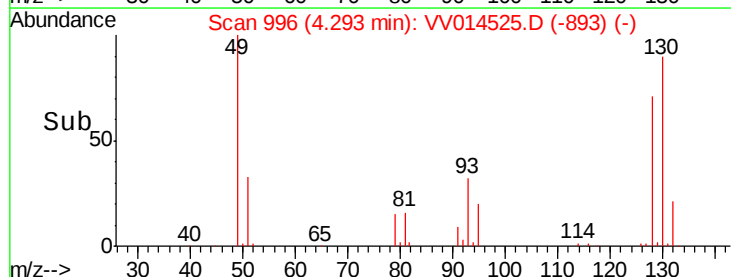
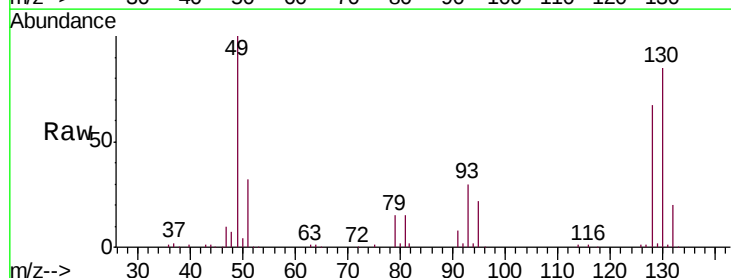
Tgt Ion: 96 Resp: 148673
Ion Ratio Lower Upper
96 100
61 126.3 88.4 164.2
98 62.9 44.0 81.8

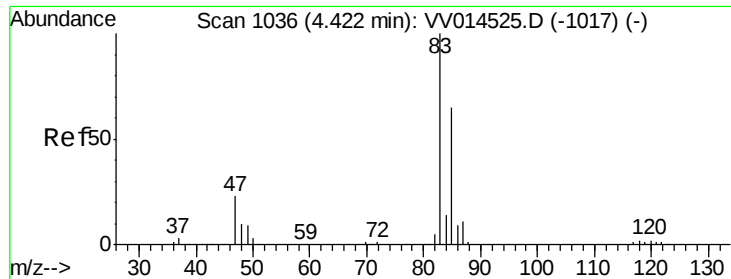


#23

Bromochloromethane
Concen: 24.522 ug/L
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 128 Resp: 67873
Ion Ratio Lower Upper
128 100
49 148.2 103.7 192.7
130 126.6 88.6 164.6
51 46.7 37.4 56.0

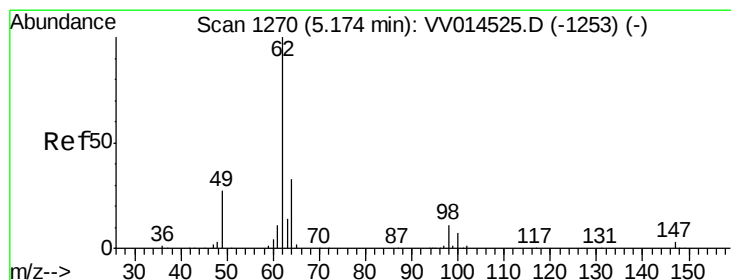
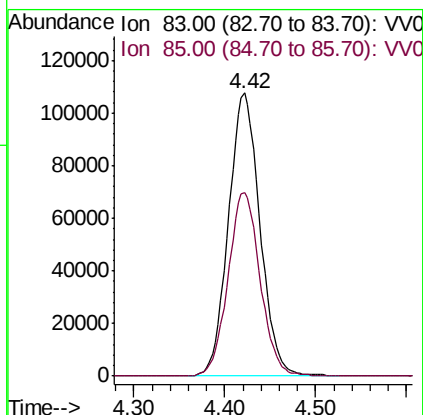
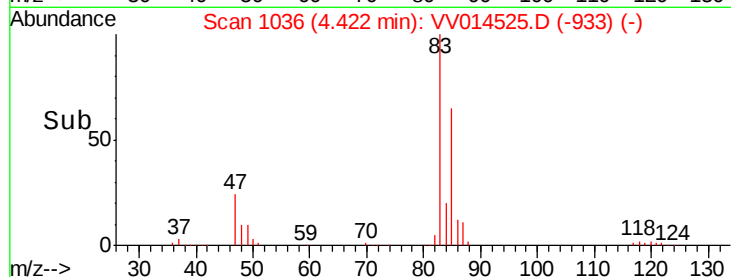
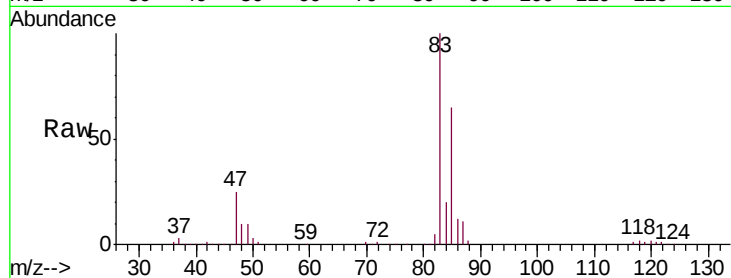




#25
Chloroform
Concen: 25.026 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

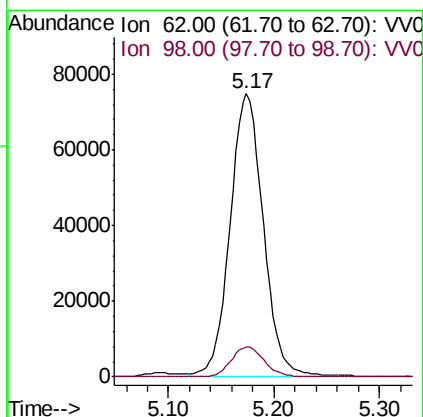
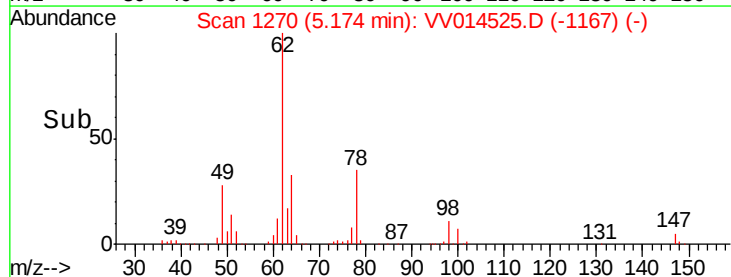
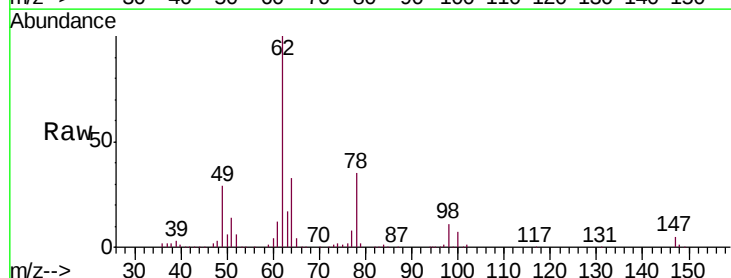
Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

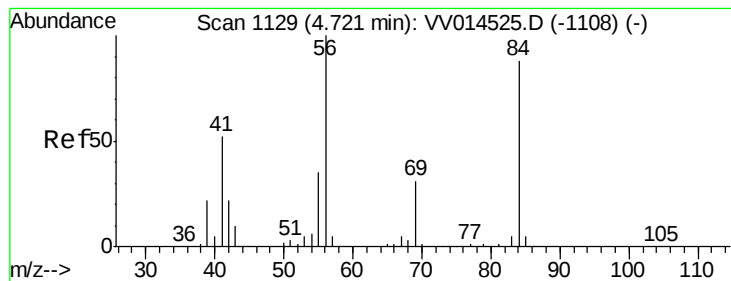
Tgt Ion: 83 Resp: 259145
Ion Ratio Lower Upper
83 100
85 66.2 46.3 86.1



#27
1,2-Dichloroethane
Concen: 23.277 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 62 Resp: 163479
Ion Ratio Lower Upper
62 100
98 10.6 8.5 12.7





#30

Cyclohexane

Concen: 25.318 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD02563

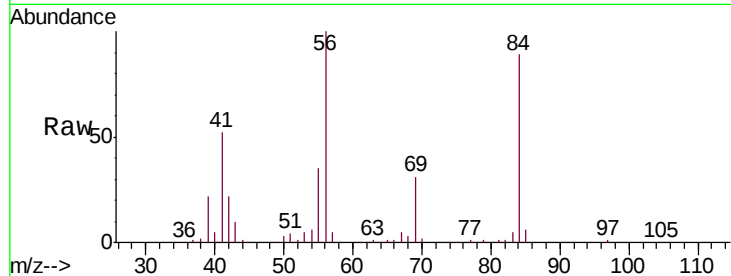
Tgt Ion: 56 Resp: 219449

Ion Ratio Lower Upper

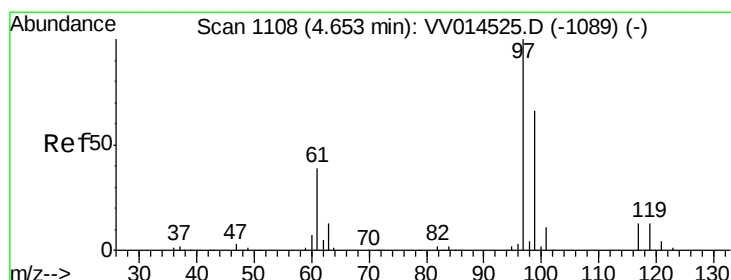
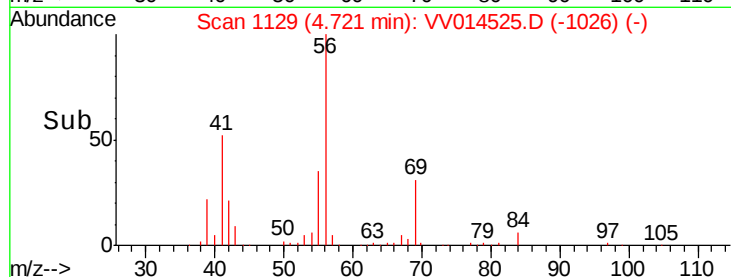
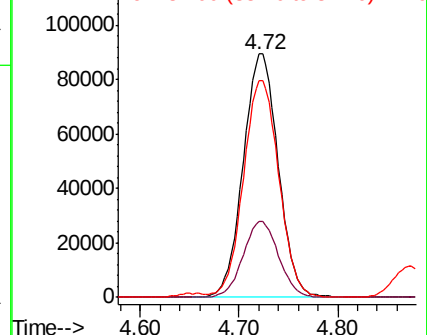
56 100

69 31.6 25.3 37.9

84 89.9 71.9 107.9



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: 24.399 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

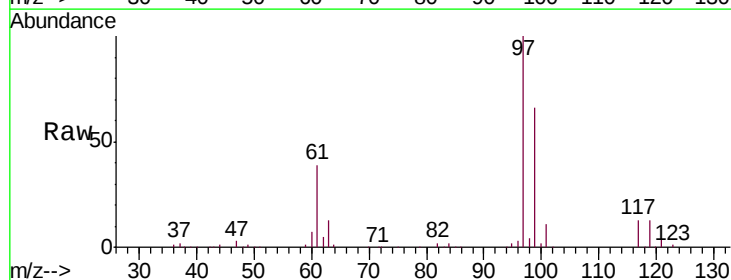
Tgt Ion: 97 Resp: 199544

Ion Ratio Lower Upper

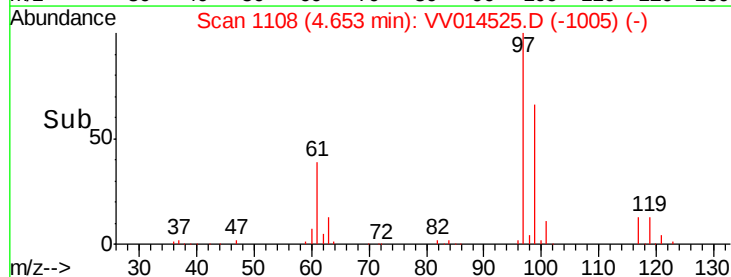
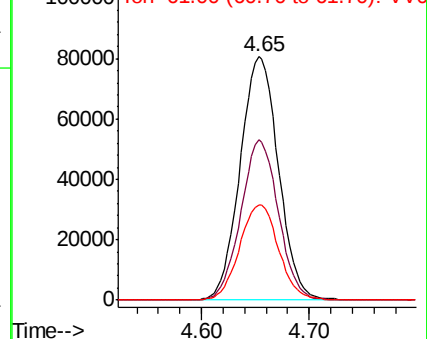
97 100

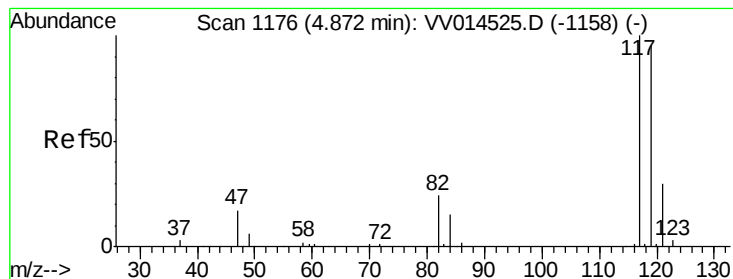
99 64.4 51.5 77.3

61 39.8 31.8 47.8



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: 24.049 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

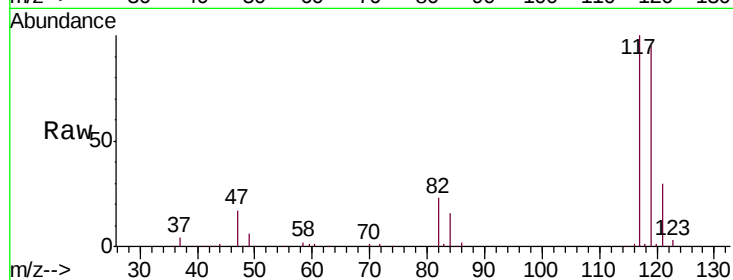
VSTD02563

Tgt Ion:117 Resp: 173958

Ion Ratio Lower Upper

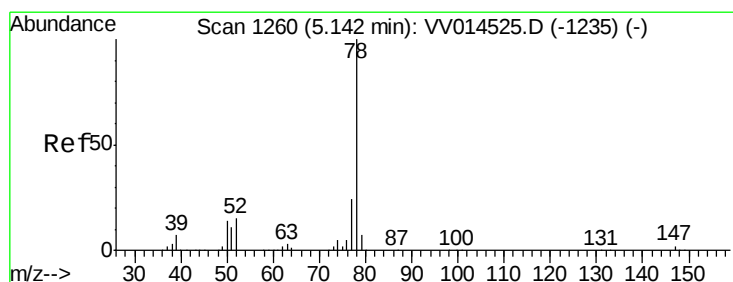
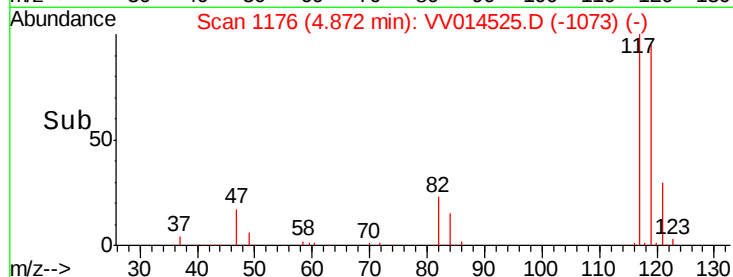
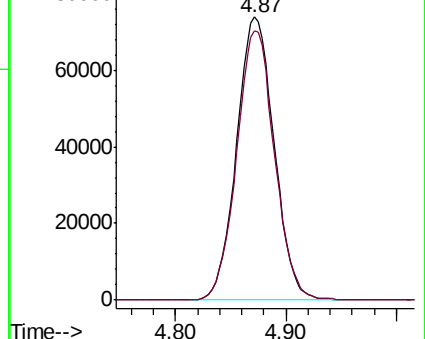
117 100

119 95.9 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 24.885 ug/L

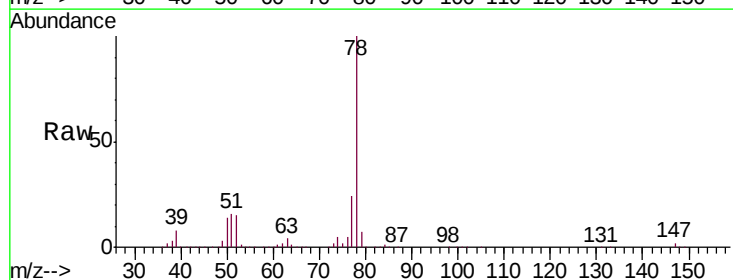
RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

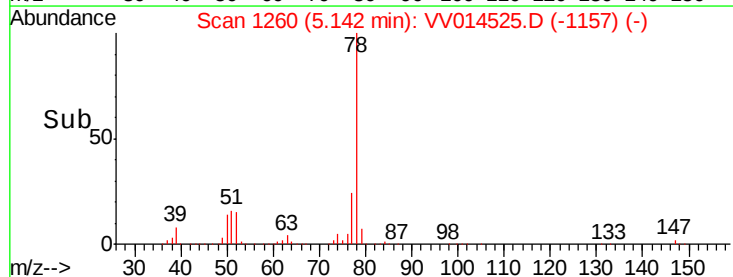
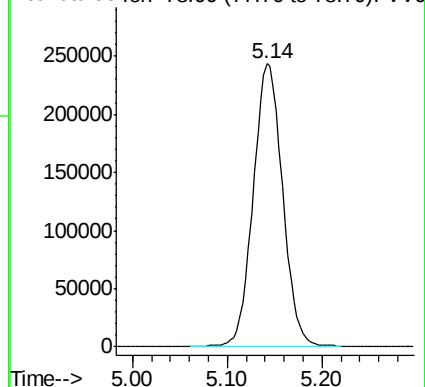
Lab File: VV014525.D

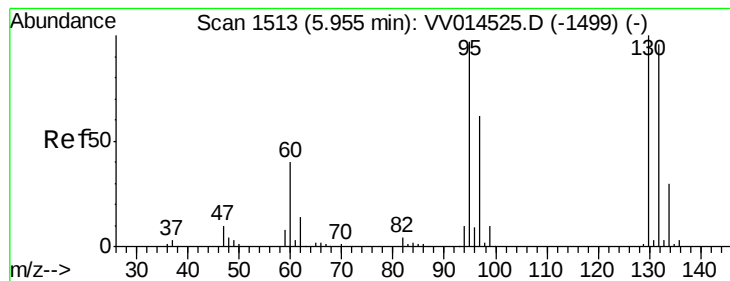
Acq: 06 Feb 2020 18:27

Tgt Ion: 78 Resp: 526807



Abundance Ion 78.00 (77.70 to 78.70): VV0





#35

Trichloroethene

Concen: 24.210 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampled :

VSTD02563

Tgt Ion: 95 Resp: 137923

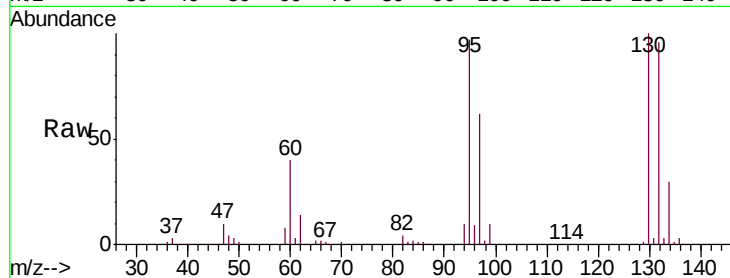
Ion Ratio Lower Upper

95 100

97 63.7 44.6 82.8

132 97.8 68.5 127.1

130 102.2 71.5 132.9

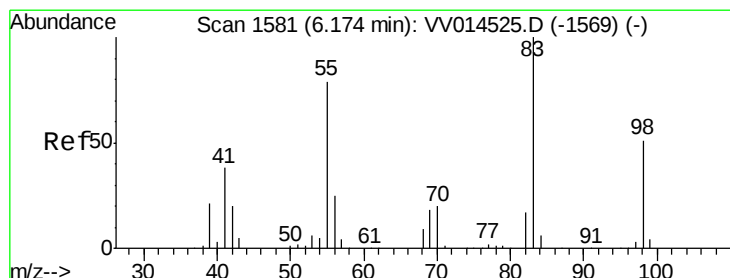
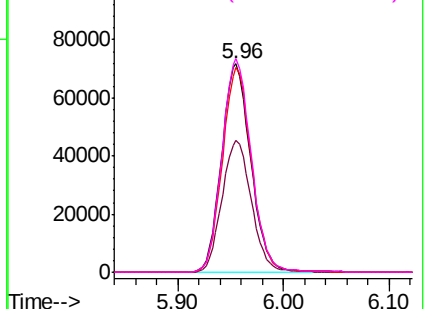
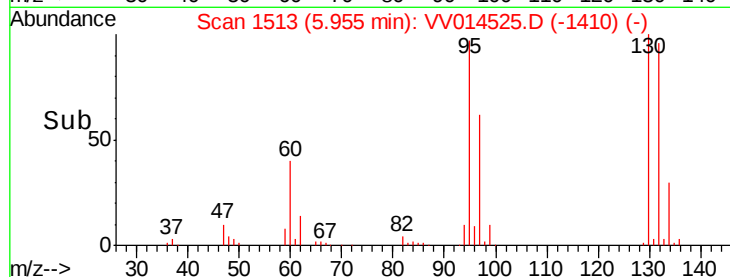


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 26.343 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

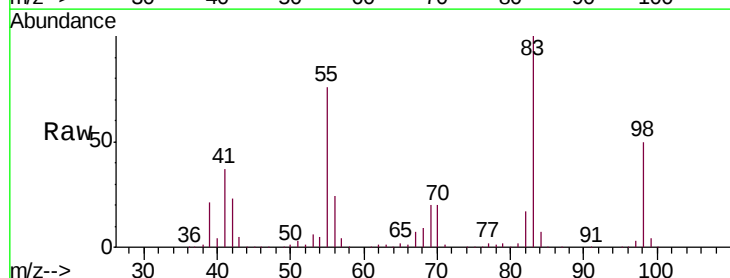
Tgt Ion: 83 Resp: 236608

Ion Ratio Lower Upper

83 100

55 74.7 59.8 89.6

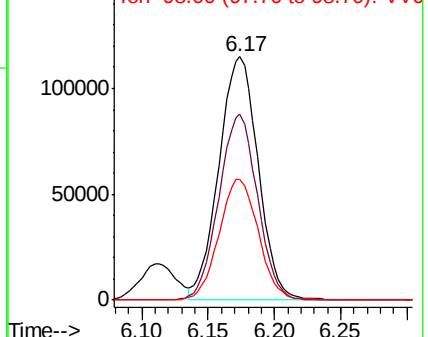
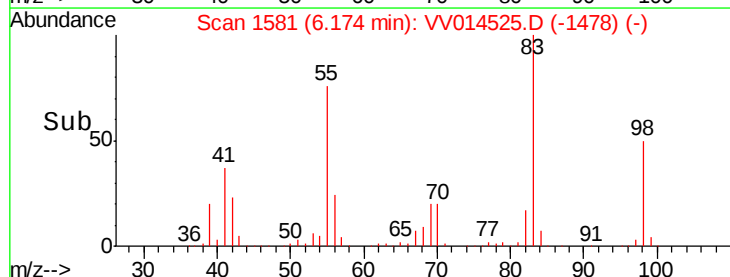
98 49.9 39.9 59.9

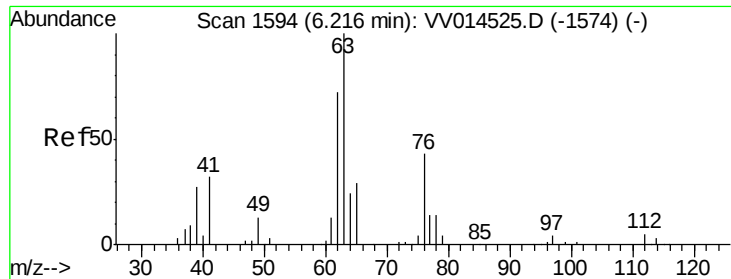


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

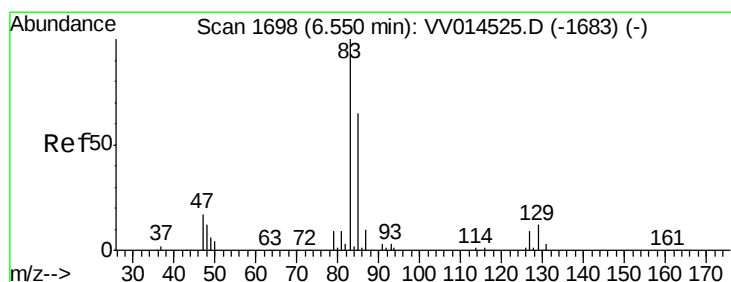
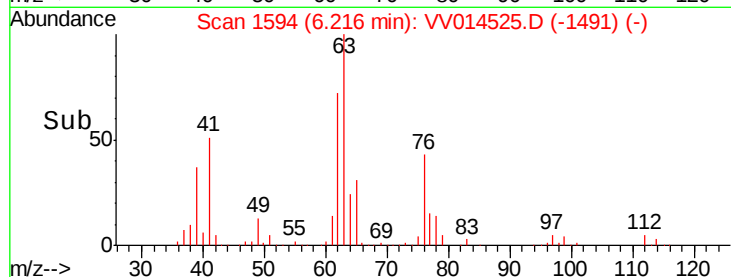
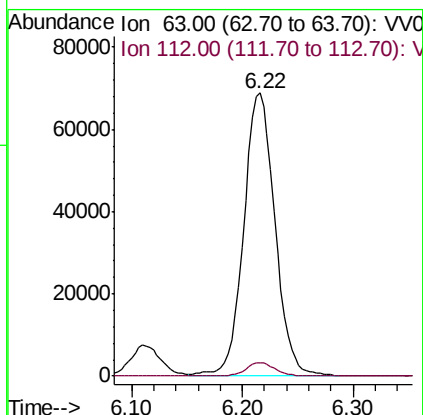
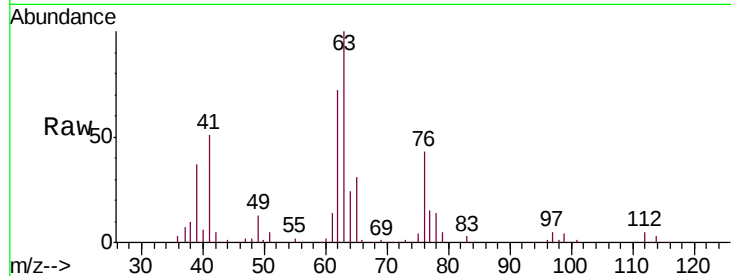




#40
 1,2-Dichloropropane
 Concen: 25.093 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

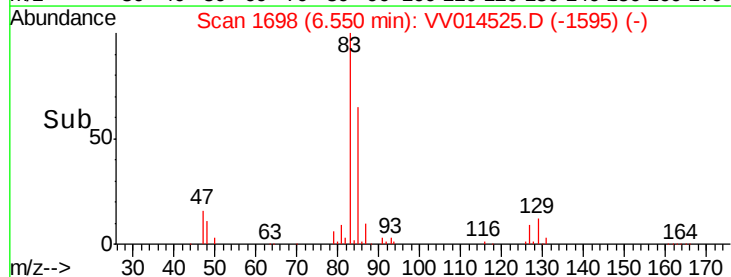
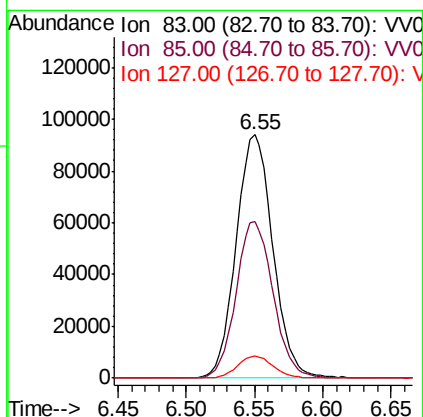
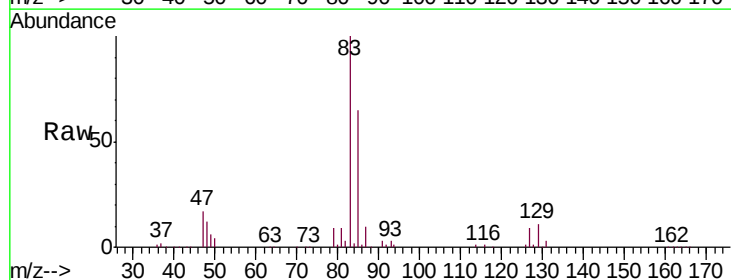
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

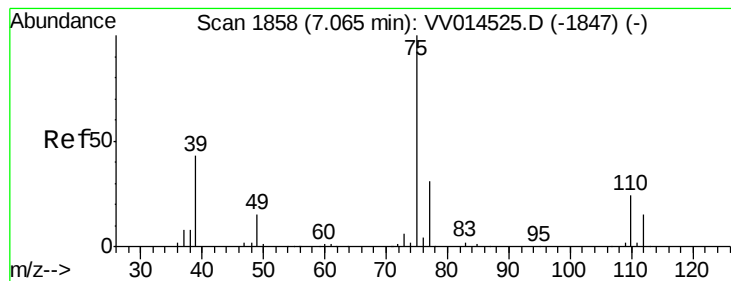
Tgt Ion: 63 Resp: 134060
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.7 5.5



#41
 Bromodichloromethane
 Concen: 25.361 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Tgt Ion: 83 Resp: 176084
 Ion Ratio Lower Upper
 83 100
 85 64.5 45.1 83.9
 127 9.2 7.4 11.0



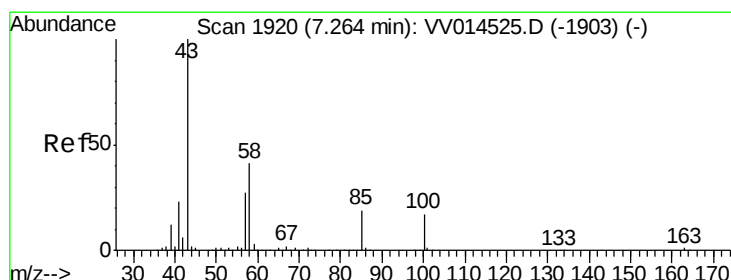
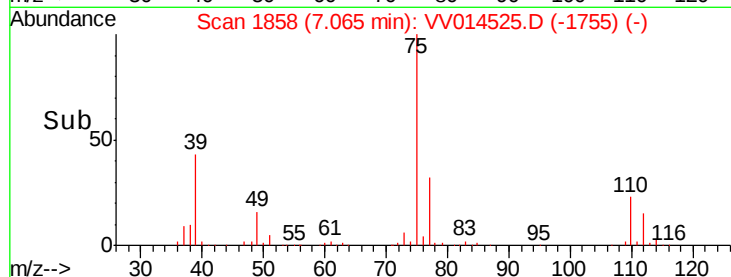
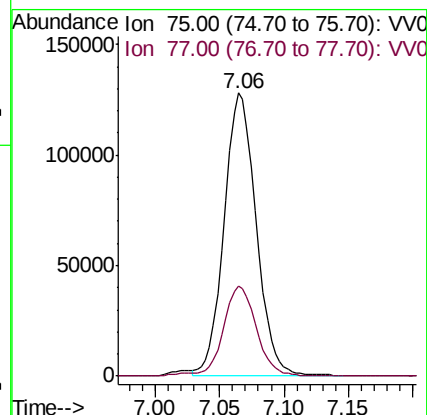
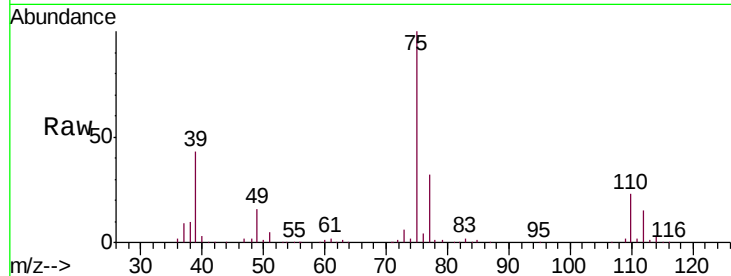


#42

cis-1,3-Dichloropropene
Concen: 27.212 ug/L
RT: 7.06 min Scan# 1858
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Instrument :
MSVOA_V
ClientSampled :
VSTD02563

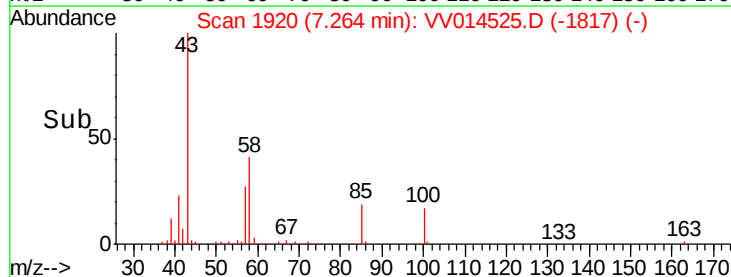
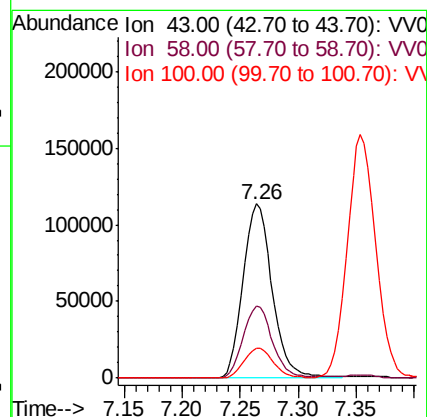
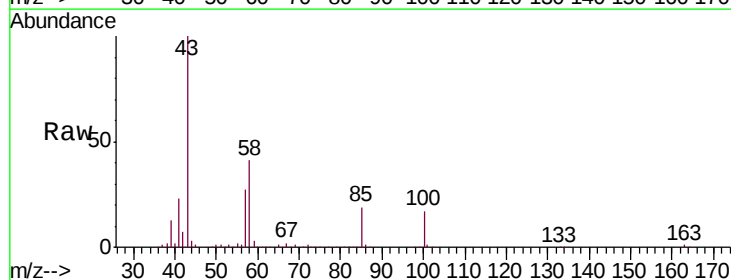
Tgt Ion: 75 Resp: 221480
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3

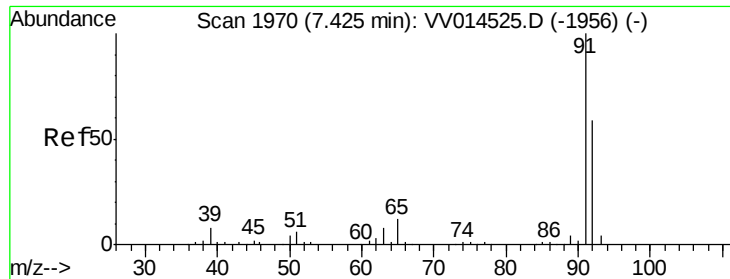


#43

4-Methyl-2-pentanone
Concen: 42.007 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 43 Resp: 199060
Ion Ratio Lower Upper
43 100
58 41.4 33.1 49.7
100 17.5 14.0 21.0





#44

Toluene

Concen: 25.967 ug/L

RT: 7.42 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

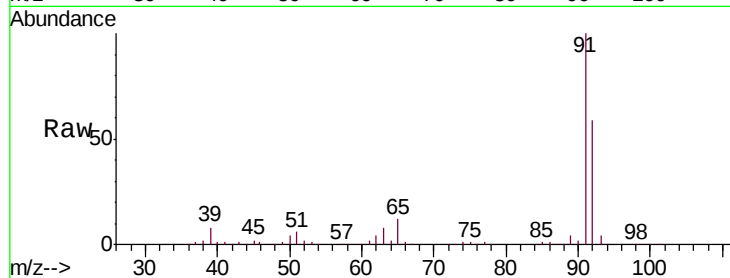
VSTD02563

Tgt Ion: 91 Resp: 564377

Ion Ratio Lower Upper

91 100

92 58.6 41.0 76.2



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.42

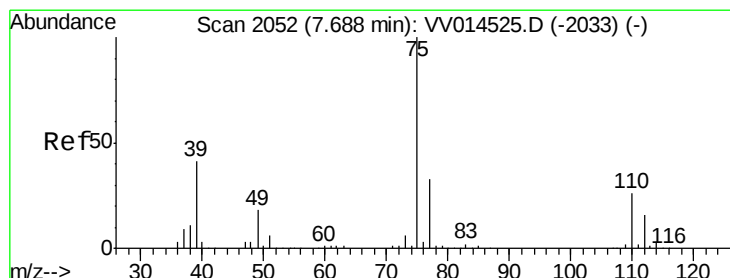
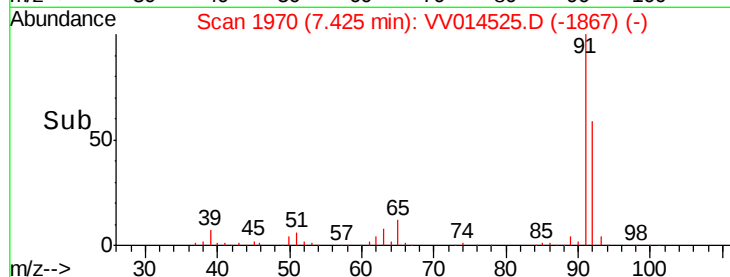
300000

200000

100000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 26.871 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VV014525.D

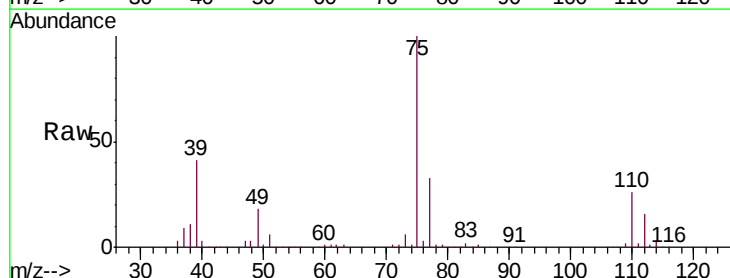
Acq: 06 Feb 2020 18:27

Tgt Ion: 75 Resp: 185940

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.69

120000

100000

80000

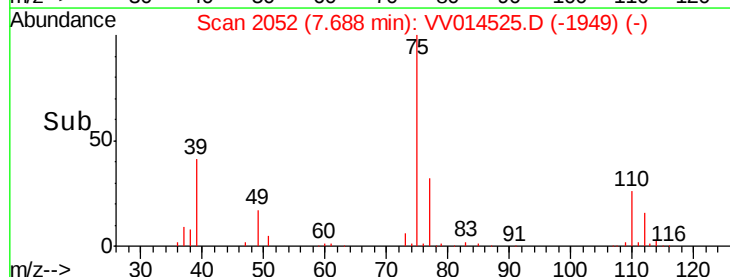
60000

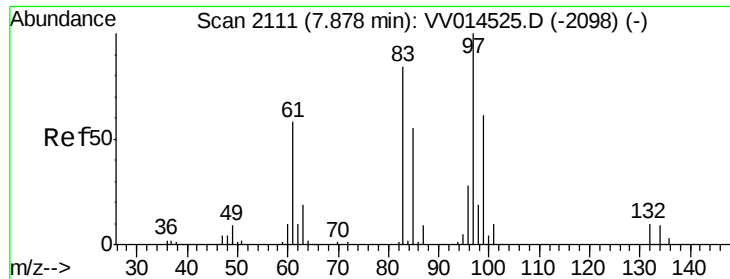
40000

20000

0

Time-->

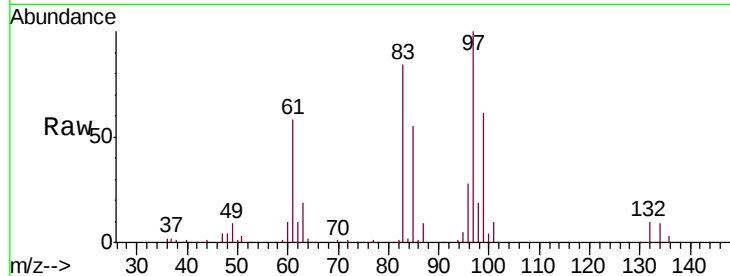




#46
1,1,2-Trichloroethane
Concen: 25.182 ug/L
RT: 7.88 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

Tgt Ion:	97	Resp:	108427
Ion	Ratio	Lower	Upper
97	100		
83	84.3	59.0	109.6
85	55.2	38.6	71.8
99	61.0	42.7	79.3



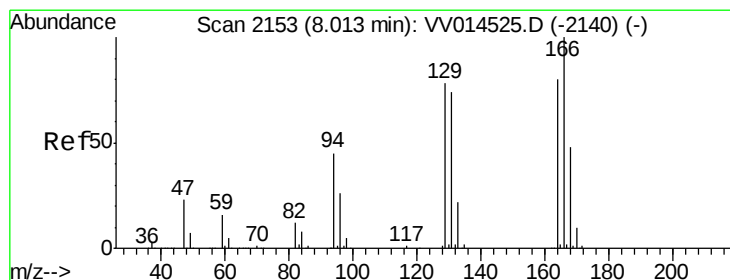
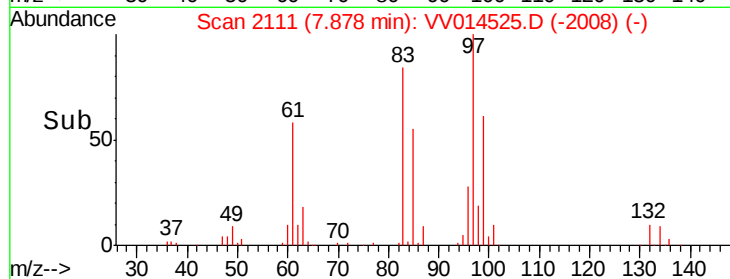
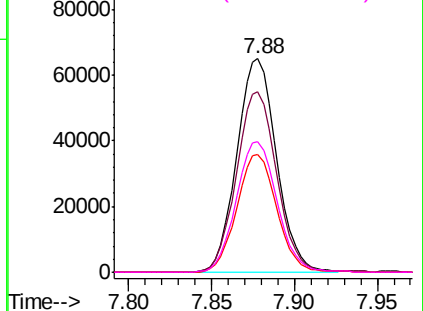
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

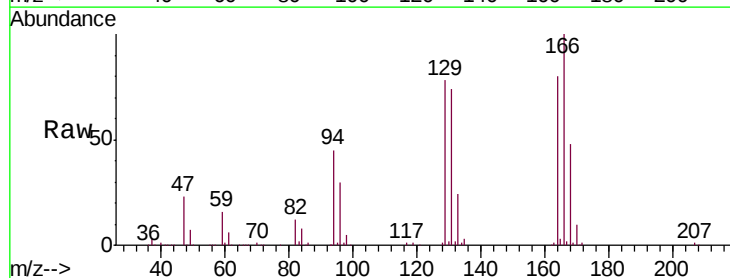
Ion 85.00 (84.70 to 85.70): VV0

Ion 99.00 (98.70 to 99.70): VV0



#47
Tetrachloroethene
Concen: 22.536 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion:	164	Resp:	106749
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.7	127.7
131	92.7	64.9	120.5
166	125.4	87.8	163.0



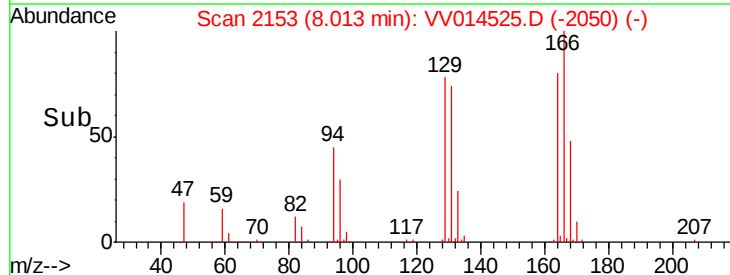
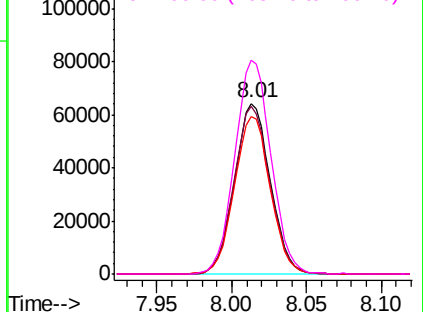
Abundance

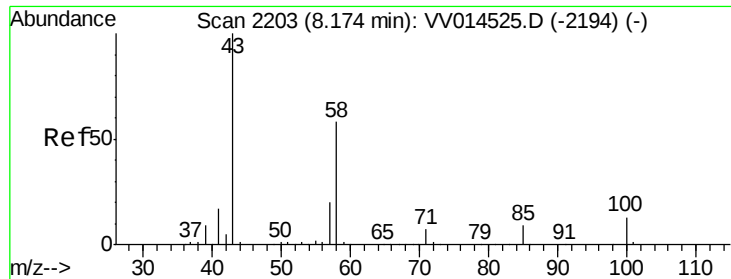
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

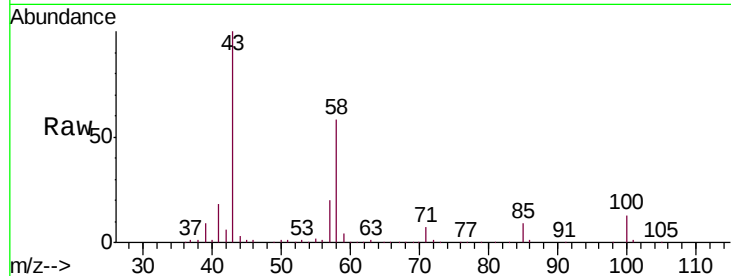




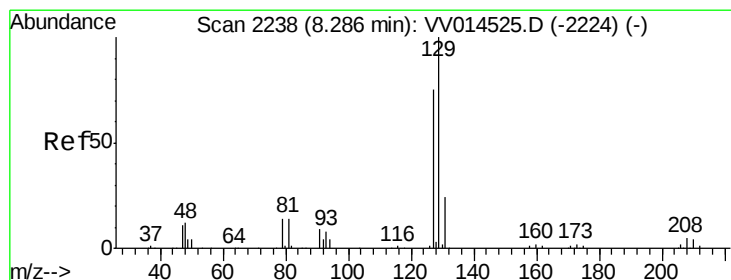
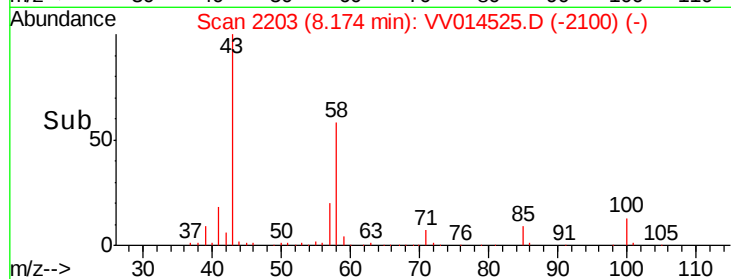
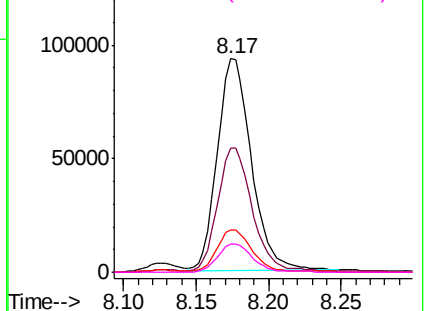
#49
2-Hexanone
Concen: 43.966 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

Tgt Ion:	43	Resp:	152263
Ion	Ratio	Lower	Upper
43	100		
58	58.6	46.9	70.3
57	19.5	15.6	23.4
100	13.6	10.9	16.3

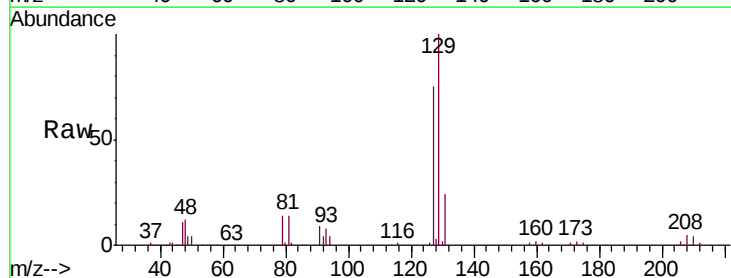


Abundance Ion 43.00 (42.70 to 43.70): VV014525.D (-2194) (-)
Ion 58.00 (57.70 to 58.70): VV014525.D (-2194) (-)
Ion 57.00 (56.70 to 57.70): VV014525.D (-2194) (-)
Ion 100.00 (99.70 to 100.70): VV014525.D (-2194) (-)

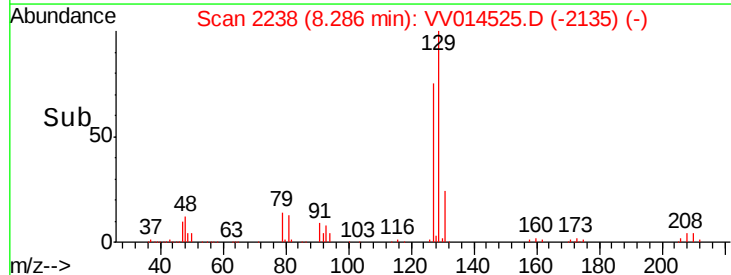
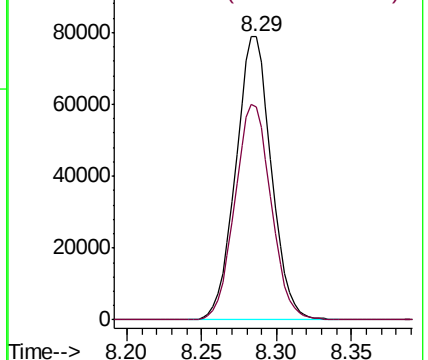


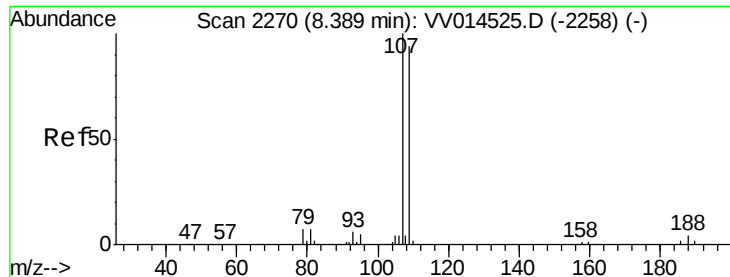
#50
Dibromochloromethane
Concen: 25.364 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion:	129	Resp:	130514
Ion	Ratio	Lower	Upper
129	100		
127	75.0	52.5	97.5



Abundance Ion 129.00 (128.70 to 129.70): VV014525.D (-2224) (-)
Ion 127.00 (126.70 to 127.70): VV014525.D (-2224) (-)

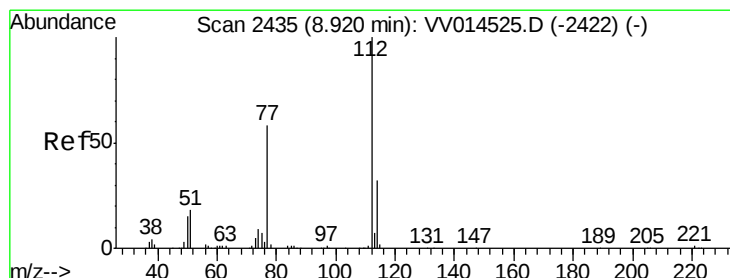
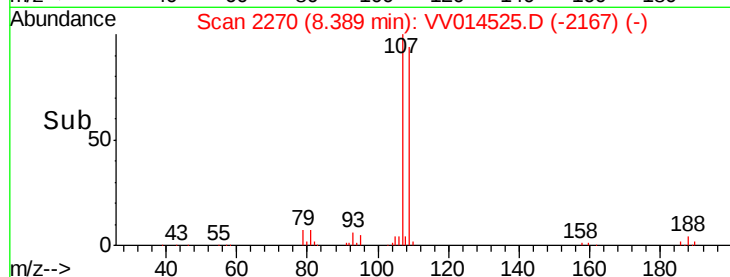
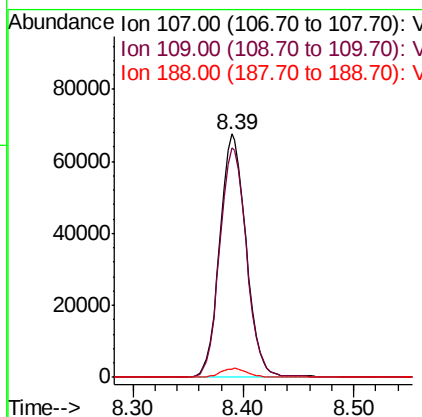
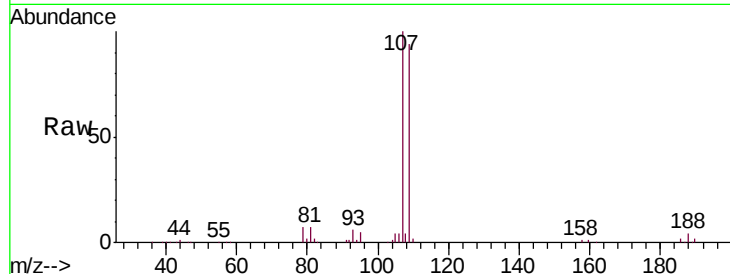




#51
1,2-Dibromoethane
Concen: 25.236 ug/L
RT: 8.39 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

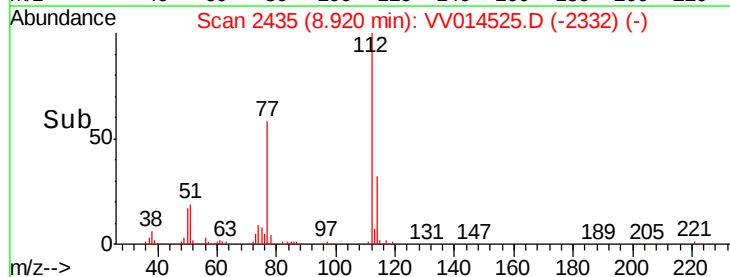
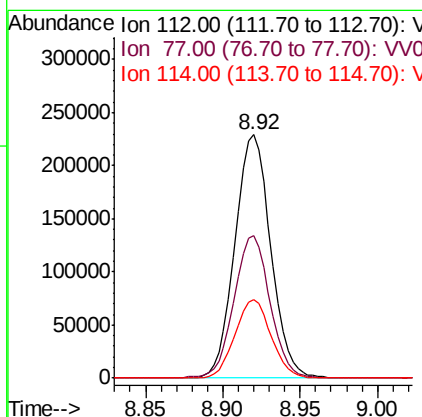
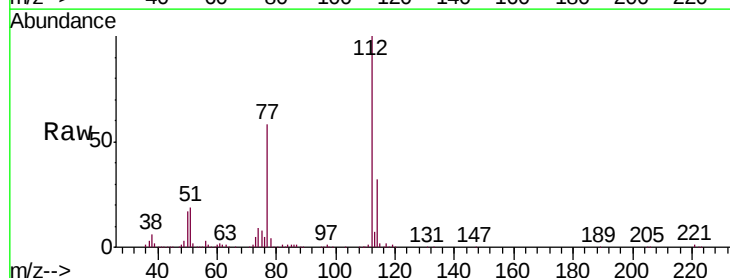
Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

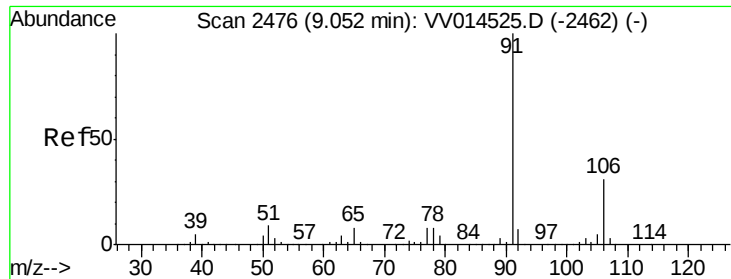
Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.0	122.6
188	3.6	2.9	4.3



#52
Chlorobenzene
Concen: 25.104 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
112	100		
77	58.4	46.7	70.1
114	32.4	22.7	42.1

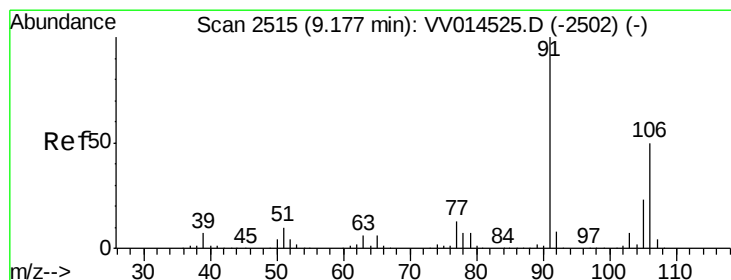
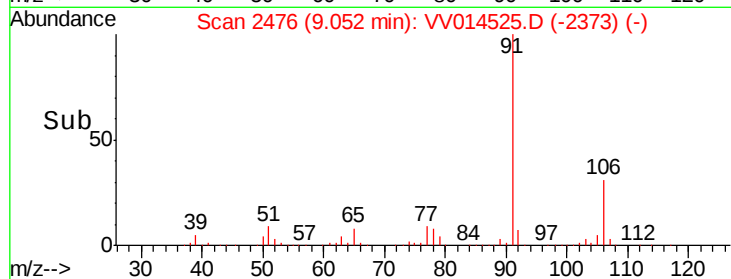
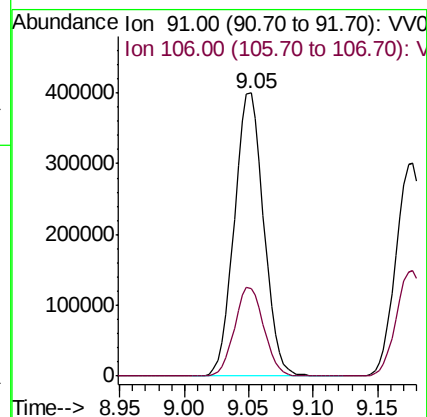
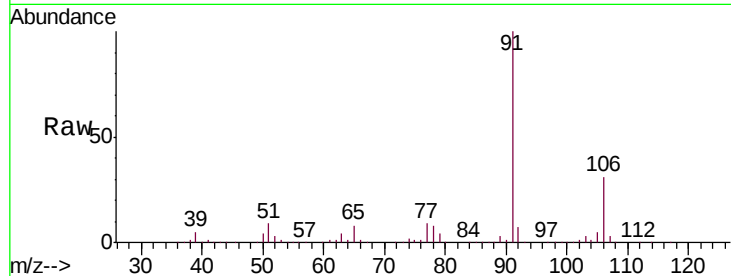




#53
Ethylbenzene
Concen: 26.433 ug/L
RT: 9.05 min Scan# 2476
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

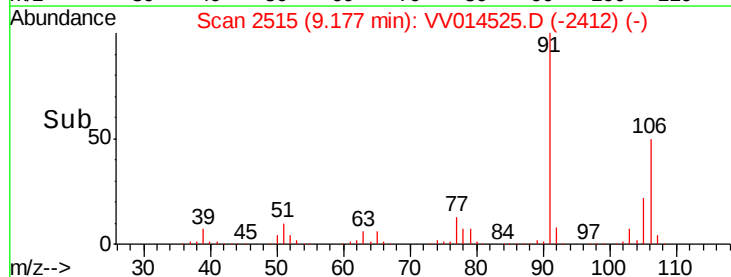
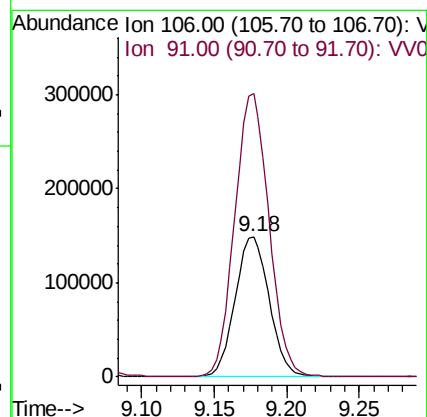
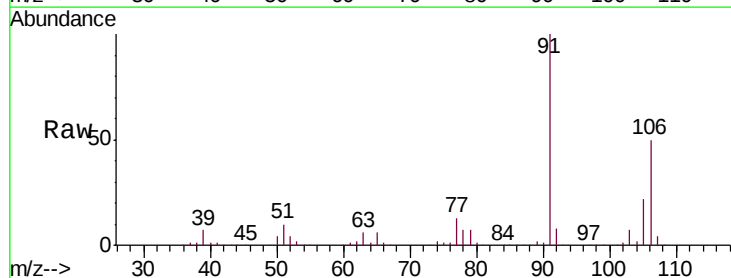
Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

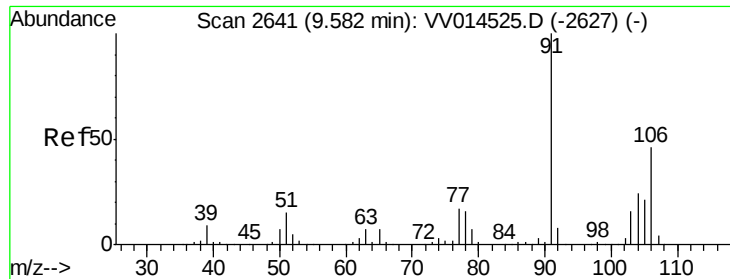
Tgt Ion: 91 Resp: 633230
Ion Ratio Lower Upper
91 100
106 31.1 21.8 40.4



#54
m,p-Xylene
Concen: 26.867 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion: 106 Resp: 242449
Ion Ratio Lower Upper
106 100
91 201.5 141.1 262.0

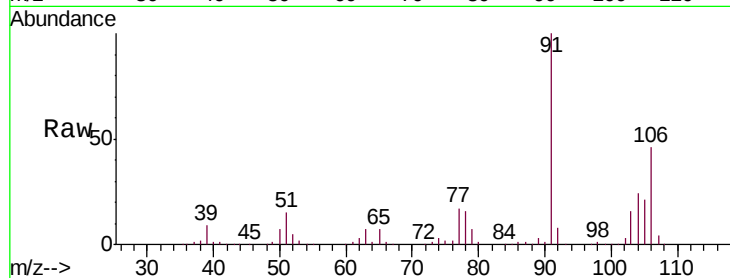




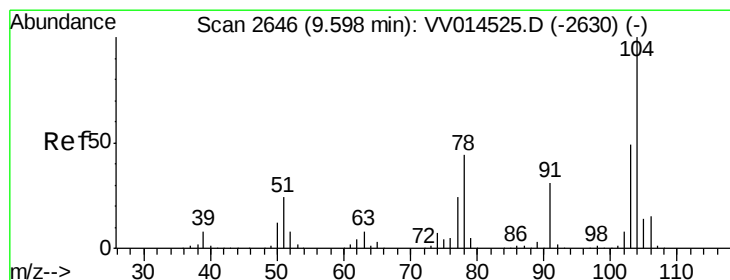
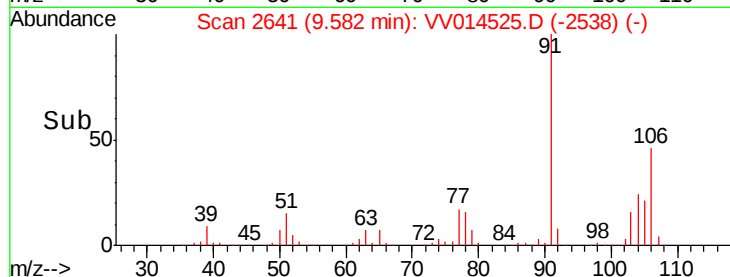
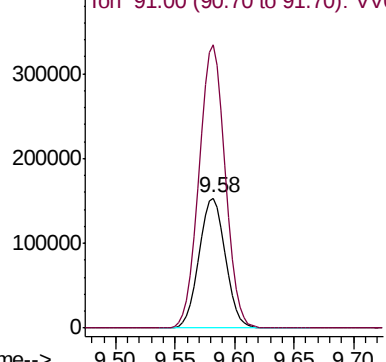
#55
o-xylene
Concen: 27.323 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Instrument :
MSVOA_V
ClientSampleId :
VSTD02563

Tgt Ion:106 Resp: 236456
Ion Ratio Lower Upper
106 100
91 217.6 152.3 282.9

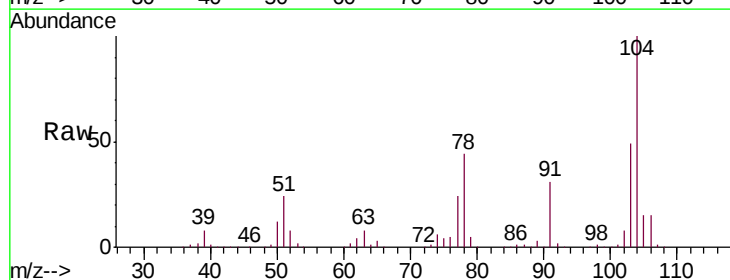


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

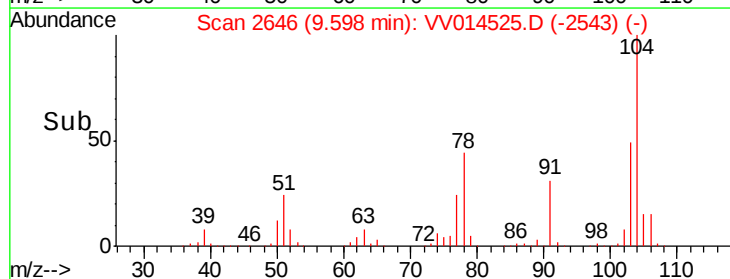
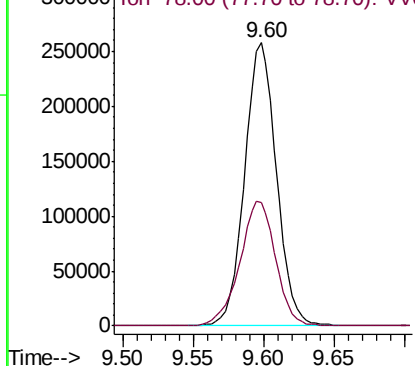


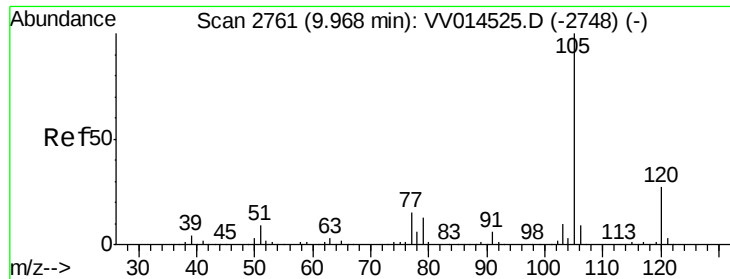
#56
Styrene
Concen: 27.370 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VV014525.D
Acq: 06 Feb 2020 18:27

Tgt Ion:104 Resp: 408224
Ion Ratio Lower Upper
104 100
78 43.7 30.6 56.8



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





#57

Isopropylbenzene

Concen: 26.984 ug/L

RT: 9.97 min Scan# 2761

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD02563

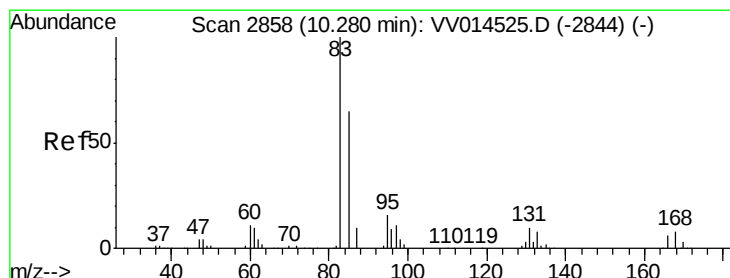
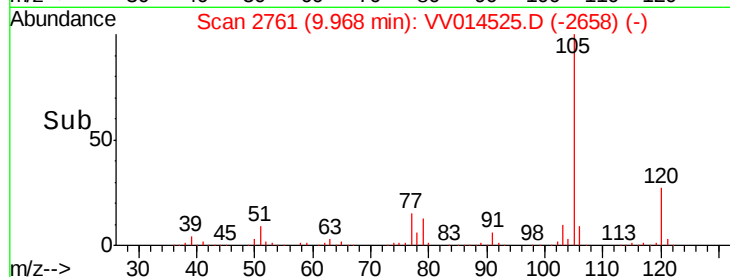
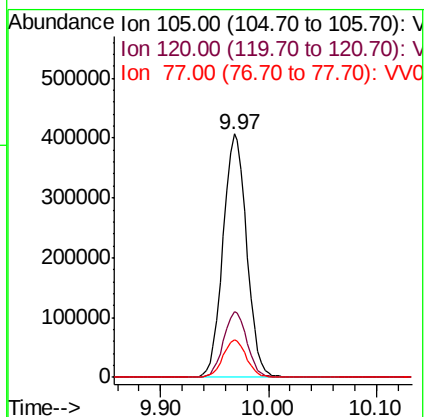
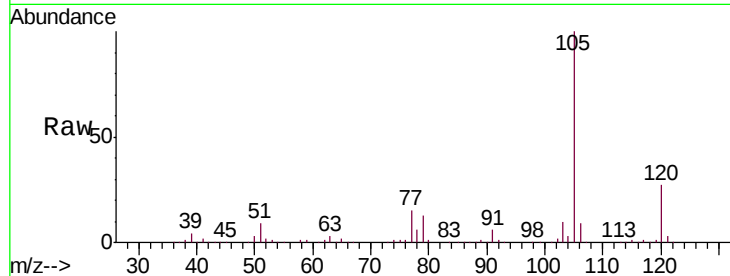
Tgt Ion: 105 Resp: 620540

Ion Ratio Lower Upper

105 100

120 26.7 21.4 32.0

77 15.3 12.2 18.4



#58

1,1,2,2-Tetrachloroethane

Concen: 25.443 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

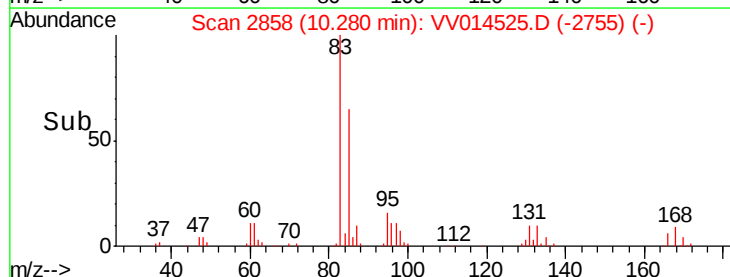
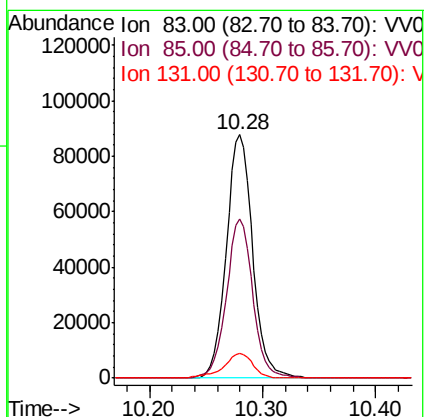
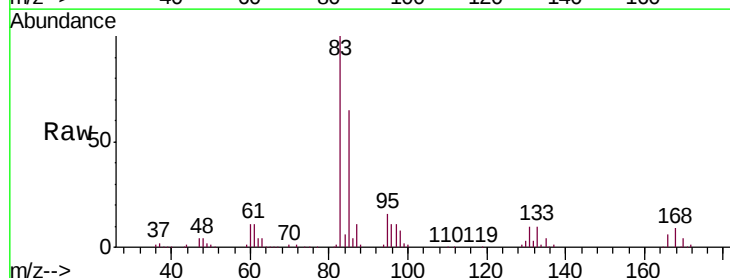
Tgt Ion: 83 Resp: 141661

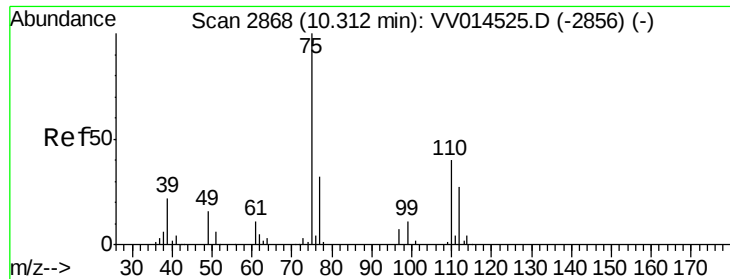
Ion Ratio Lower Upper

83 100

85 65.4 45.8 85.0

131 10.1 8.1 12.1





#59

1,2,3-Trichloropropane

Concen: 23.012 ug/L

RT: 10.31 min Scan# 2868

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

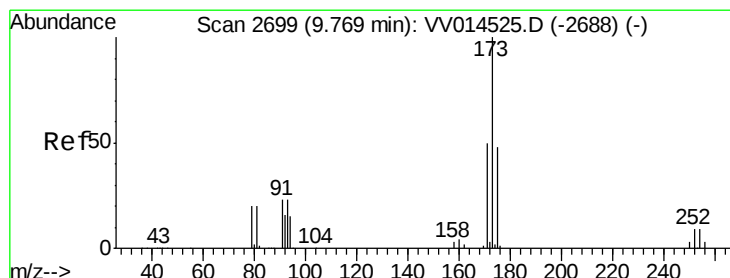
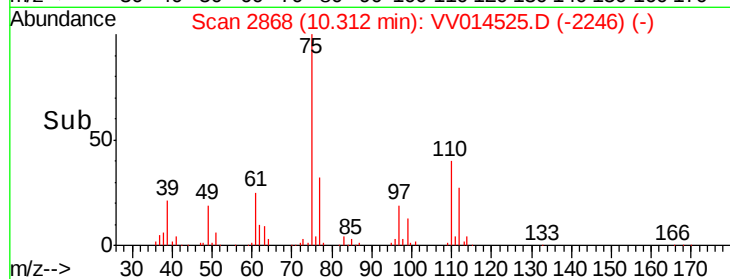
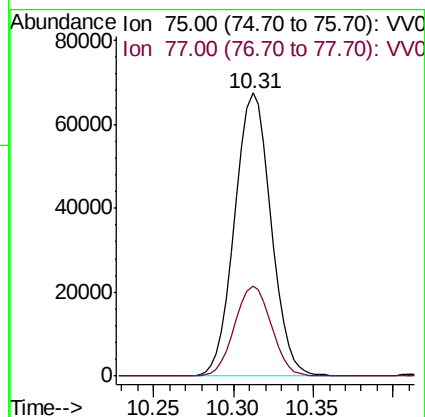
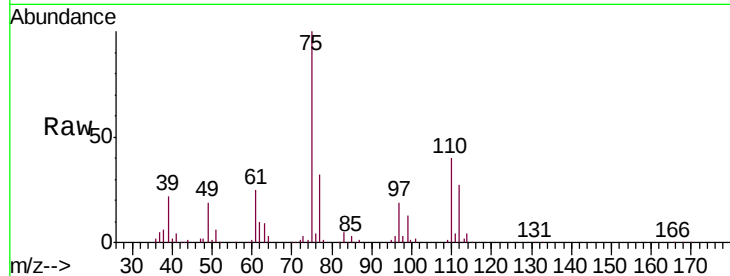
VSTD02563

Tgt Ion: 75 Resp: 104336

Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9



#62

Bromoform

Concen: 23.998 ug/L

RT: 9.77 min Scan# 2699

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

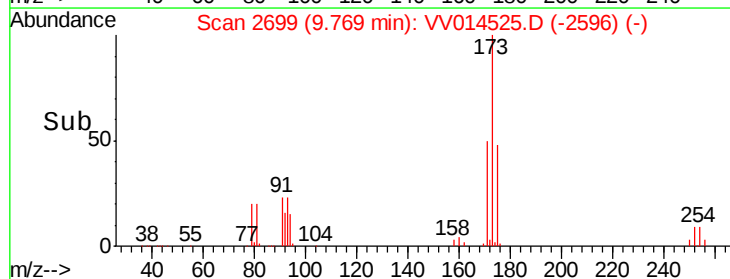
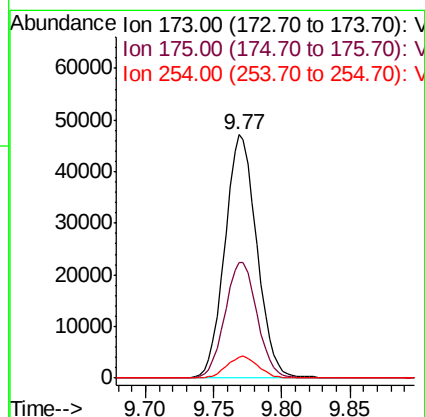
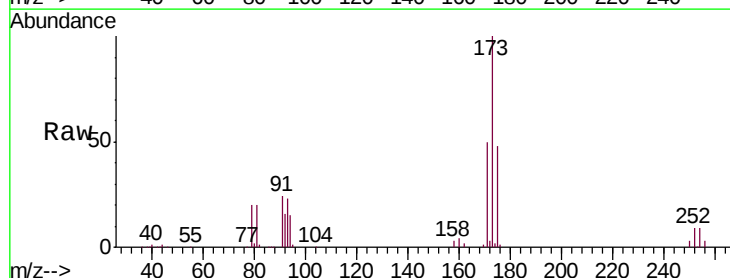
Tgt Ion: 173 Resp: 76712

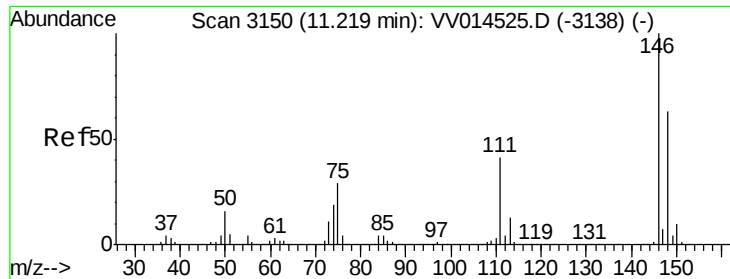
Ion Ratio Lower Upper

173 100

175 47.9 38.3 57.5

254 8.7 7.0 10.4

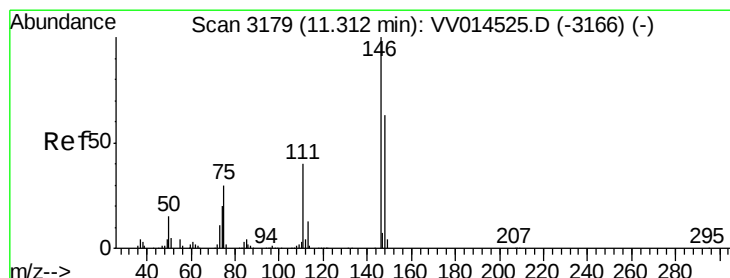
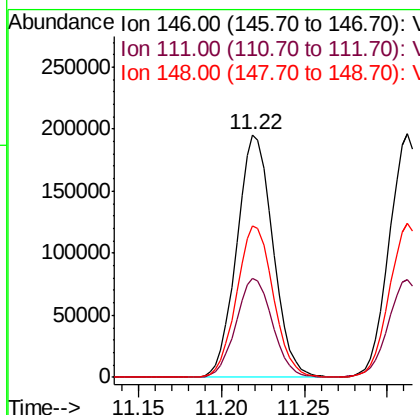
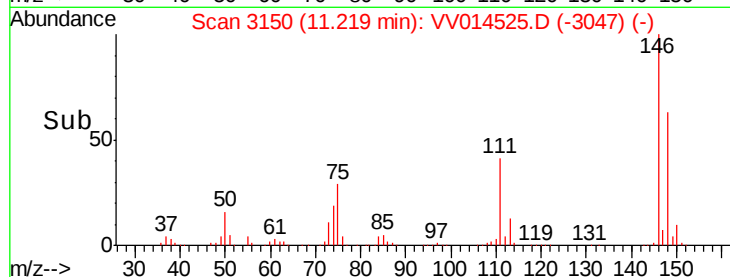
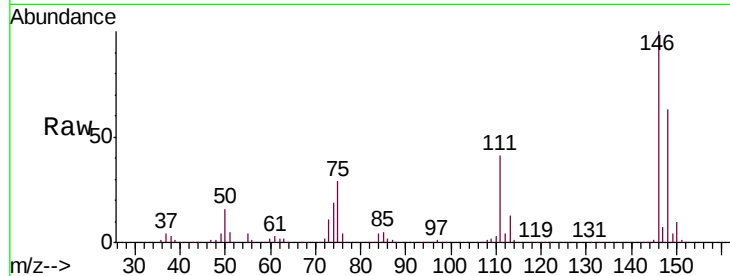




#63
 1,3-Dichlorobenzene
 Concen: 26.051 ug/L
 RT: 11.22 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

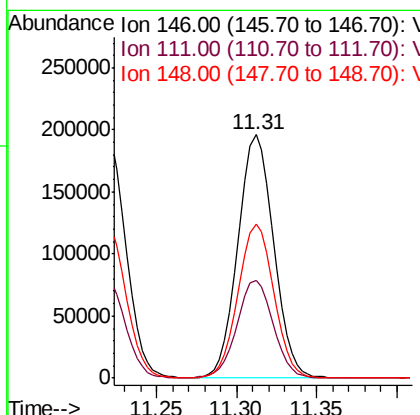
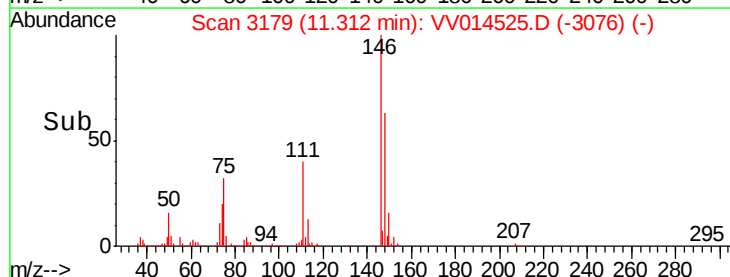
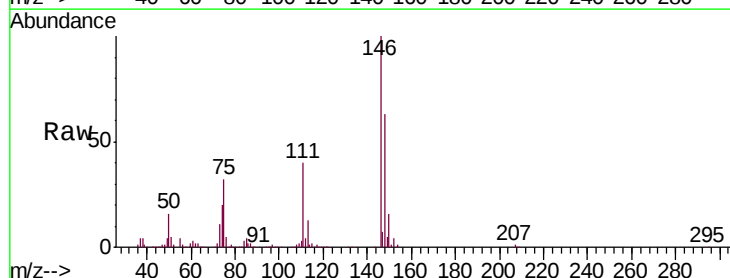
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

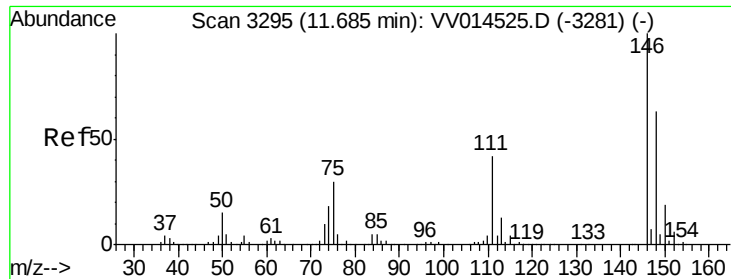
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.6	53.2
148	62.6	43.8	81.4



#64
 1,4-Dichlorobenzene
 Concen: 25.458 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	28.2	52.4
148	63.4	44.4	82.4

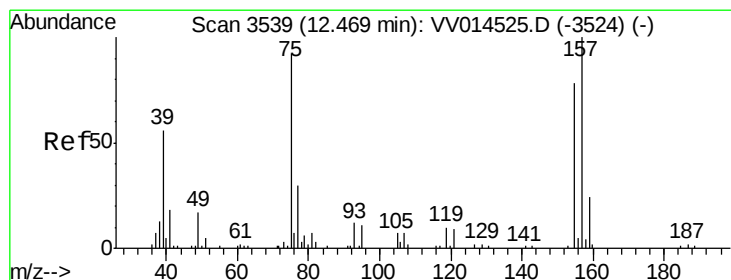
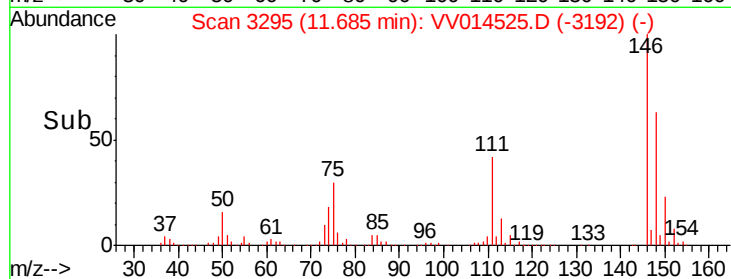
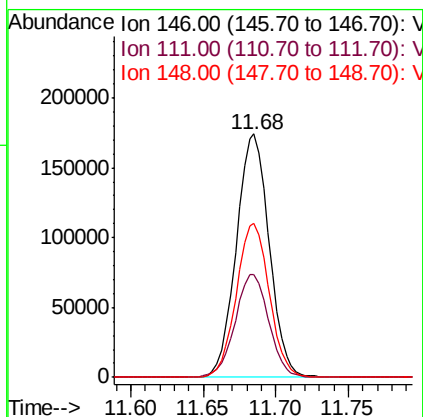
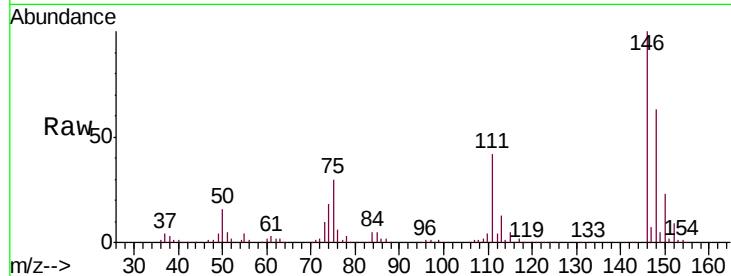




#65
 1,2-Dichlorobenzene
 Concen: 25.946 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

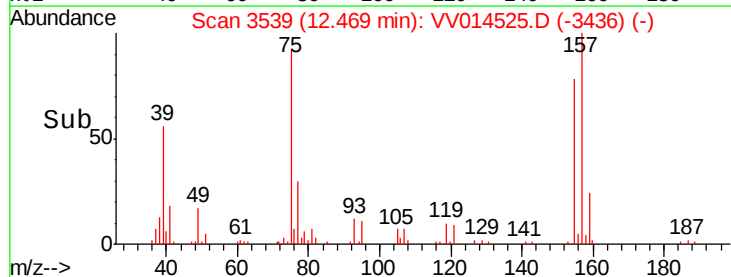
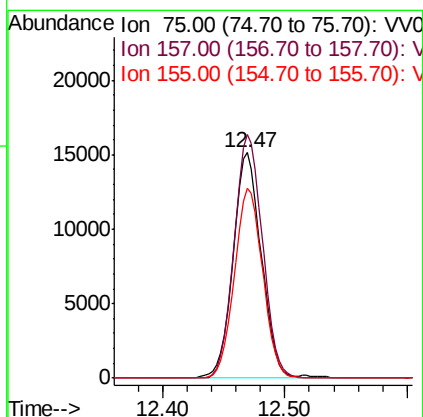
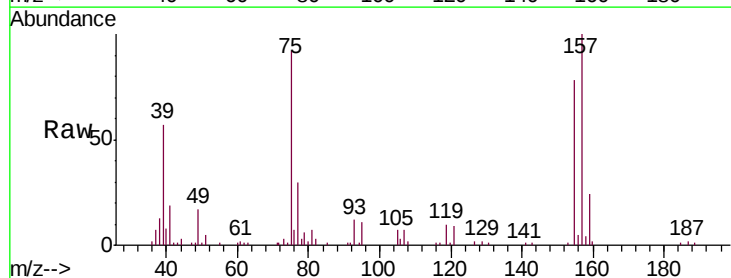
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

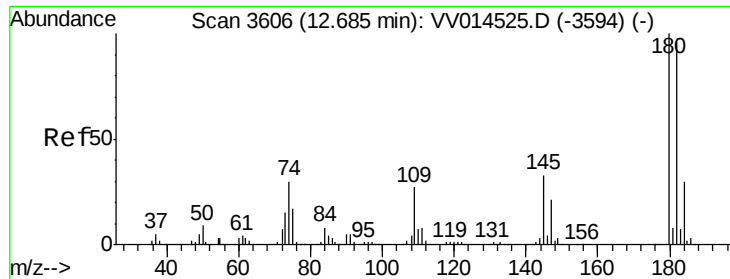
Tgt Ion: 146 Resp: 273908
 Ion Ratio Lower Upper
 146 100
 111 42.4 33.9 50.9
 148 63.0 50.4 75.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 25.091 ug/L
 RT: 12.47 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Tgt Ion: 75 Resp: 24374
 Ion Ratio Lower Upper
 75 100
 157 108.2 86.6 129.8
 155 84.2 67.4 101.0

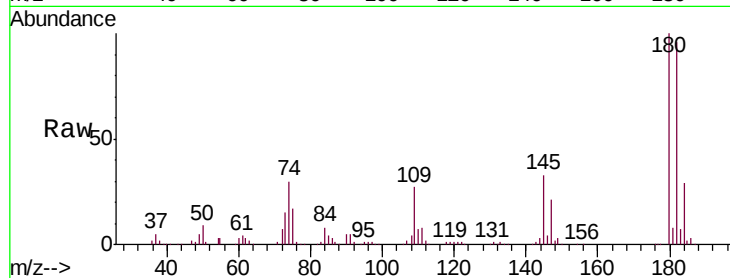




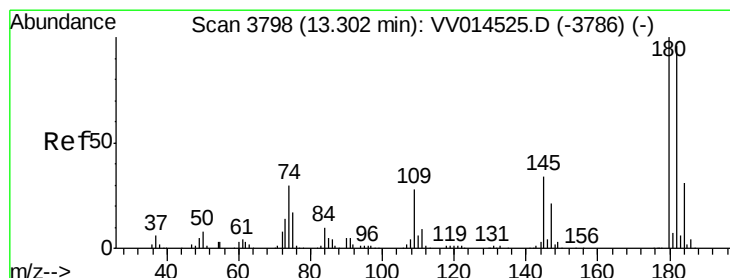
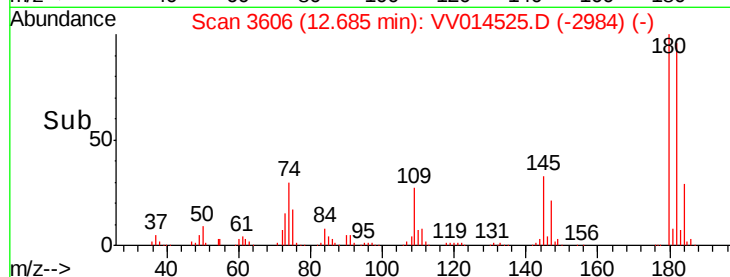
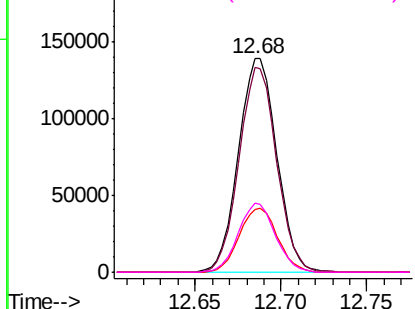
#67
 1,3,5-Trichlorobenzene
 Concen: 24.400 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02563

Tgt Ion:180 Resp: 215279
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.4 113.0
 184 30.0 24.0 36.0
 145 31.6 25.3 37.9

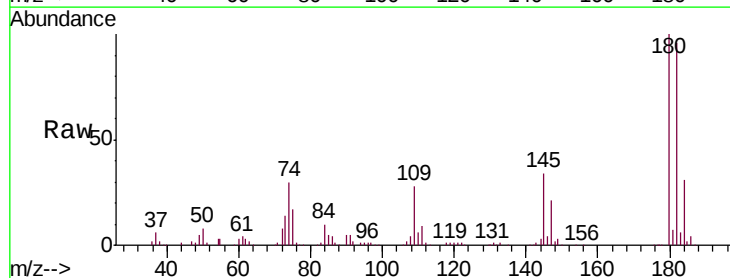


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

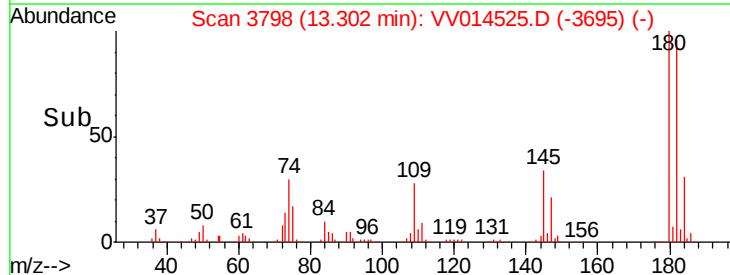
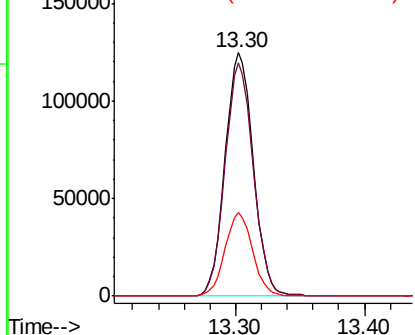


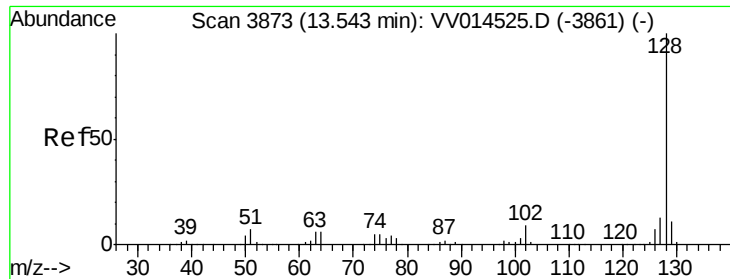
#68
 1,2,4-trichlorobenzene
 Concen: 24.758 ug/L
 RT: 13.30 min Scan# 3798
 Delta R.T. 0.00 min
 Lab File: VV014525.D
 Acq: 06 Feb 2020 18:27

Tgt Ion:180 Resp: 189337
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 33.5 26.8 40.2



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: 28.423 ug/L

RT: 13.54 min Scan# 3873

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD02563

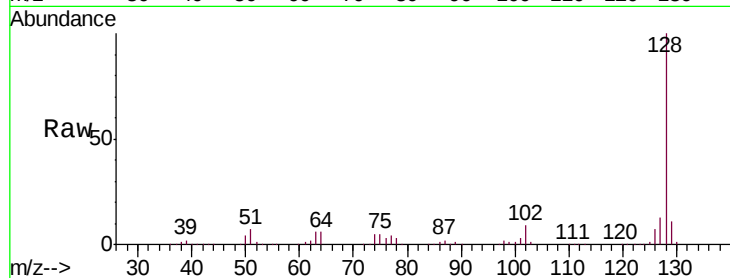
Tgt Ion:128 Resp: 429428

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

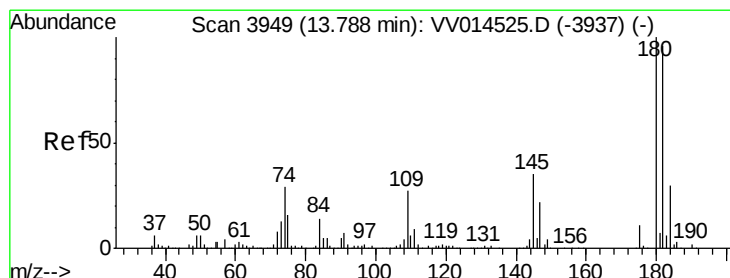
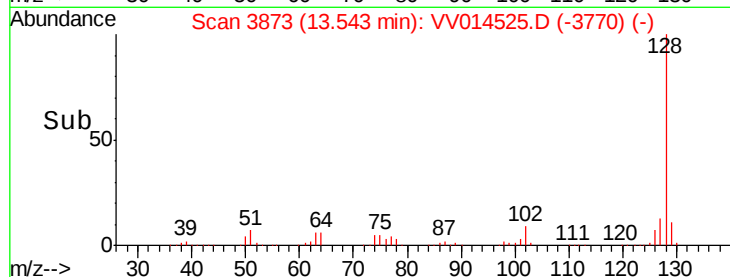
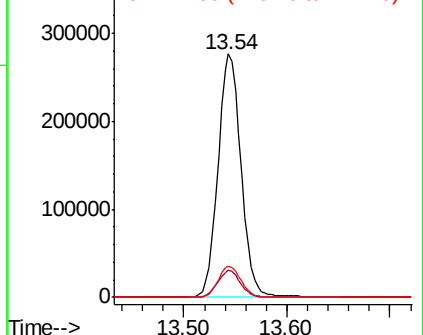
127 12.7 10.2 15.2



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: 24.376 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV014525.D

Acq: 06 Feb 2020 18:27

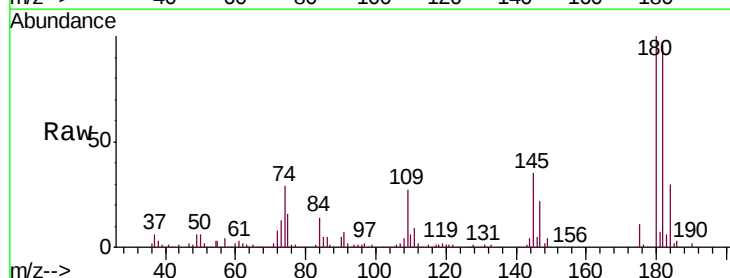
Tgt Ion:180 Resp: 171411

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 34.7 27.8 41.6



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

