

Data File : VV014526.D
Acq On : 06 Feb 2020 18:52
Operator : SY/MD
Sample : VSTD05064
Misc : 5.0g/10.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Quant Time: Feb 07 03:22:07 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	365949	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	350264	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	174588	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	183570	38.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	121063	34.80	ug/L	0.00
10) 1,1-Dichloroethene-d2	2.13	63	270484	32.53	ug/L	0.00
20) 2-Butanone-d5	3.92	46	170747	74.87	ug/L	0.00
24) Chloroform-d	4.40	84	412873	41.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	251603	43.29	ug/L	0.00
29) Benzene-d6	5.09	84	914464	45.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	6.11	67	282413	45.58	ug/L	0.00
37) Toluene-d8	7.35	98	850455	46.64	ug/L	0.00
38) trans-1,3-Dichloropropene-	7.66	79	142209	51.41	ug/L	0.00
39) 2-Hexanone-d5	8.12	63	137992	103.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	10.25	84	268726	47.00	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	11.67	152	312050	45.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	304089	50.928	ug/L	99
3) Chloromethane	1.25	50	257644	45.744	ug/L	100
5) Vinyl chloride	1.32	62	208298	38.552	ug/L	100
6) Bromomethane	1.53	94	105019	40.922	ug/L	100
8) Chloroethane	1.60	64	96816	32.436	ug/L	99
9) Trichlorofluoromethane	1.77	101	302253	39.749	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	144539	33.098	ug/L	98
12) 1,1-Dichloroethene	2.14	96	127157	31.061	ug/L	92
13) Acetone	2.18	43	140124	52.703	ug/L	97
14) Carbon disulfide	2.32	76	717450	42.545	ug/L	100
15) Methyl Acetate	2.45	43	145537	36.353	ug/L	100
16) Methylene chloride	2.53	84	260509	38.131	ug/L	97
17) Methyl tert-butyl Ether	2.80	73	657167	45.147	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	244653	42.021	ug/L	98
19) 1,1-Dichloroethane	3.23	63	421168	40.126	ug/L	100
21) 2-Butanone	4.00	43	219010	77.698	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	272120	43.915	ug/L	98
23) Bromochloromethane	4.29	128	125691	42.747	ug/L	98
25) Chloroform	4.42	83	466355	42.394	ug/L	100
27) 1,2-Dichloroethane	5.17	62	303600	40.691	ug/L	100
30) Cyclohexane	4.72	56	412648	44.207	ug/L	100
31) 1,1,1-Trichloroethane	4.66	97	370798	42.101	ug/L	99
32) Carbon tetrachloride	4.87	117	328794	42.208	ug/L	99
34) Benzene	5.14	78	971935	42.632	ug/L	100
35) Trichloroethene	5.96	95	256623	41.828	ug/L	99
36) Methylcyclohexane	6.17	83	450458	46.569	ug/L	99
40) 1,2-Dichloropropane	6.22	63	244045	42.417	ug/L	99
41) Bromodichloromethane	6.55	83	328600	43.946	ug/L	100
42) cis-1,3-Dichloropropene	7.06	75	418919	47.794	ug/L	100
43) 4-Methyl-2-pentanone	7.26	43	394356	77.276	ug/L	99

Data File : VV014526.D
Acq On : 06 Feb 2020 18:52
Operator : SY/MD
Sample : VSTD05064
Misc : 5.0g/10.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Quant Time: Feb 07 03:22:07 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)
44) Toluene	7.43	91	1038819	44.382	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	347379	46.616	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	205294	44.273	ug/L	98
47) Tetrachloroethene	8.01	164	201261	39.454	ug/L	99
49) 2-Hexanone	8.17	43	299219	80.228	ug/L	99
50) Dibromochloromethane	8.29	129	248944	44.923	ug/L	97
51) 1,2-Dibromoethane	8.39	107	213613	44.600	ug/L	98
52) Chlorobenzene	8.92	112	683983	43.171	ug/L	99
53) Ethylbenzene	9.05	91	1171108	45.395	ug/L	99
54) m,p-Xylene	9.18	106	449760	46.280	ug/L	98
55) o-xylene	9.58	106	432131	46.368	ug/L	98
56) Styrene	9.60	104	749935	46.689	ug/L	98
57) Isopropylbenzene	9.97	105	1138372	45.966	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	270398	45.097	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	202120	41.395	ug/L	100
62) Bromoform	9.77	173	147437	43.252	ug/L	98
63) 1,3-Dichlorobenzene	11.22	146	543394	44.829	ug/L	100
64) 1,4-Dichlorobenzene	11.31	146	545610	43.936	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	503490	44.724	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	50845	49.083	ug/L	99
67) 1,3,5-Trichlorobenzene	12.68	180	401781	42.704	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	362148	44.408	ug/L	99
69) Naphthalene	13.54	128	858949	53.314	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	330102	44.022	ug/L	98

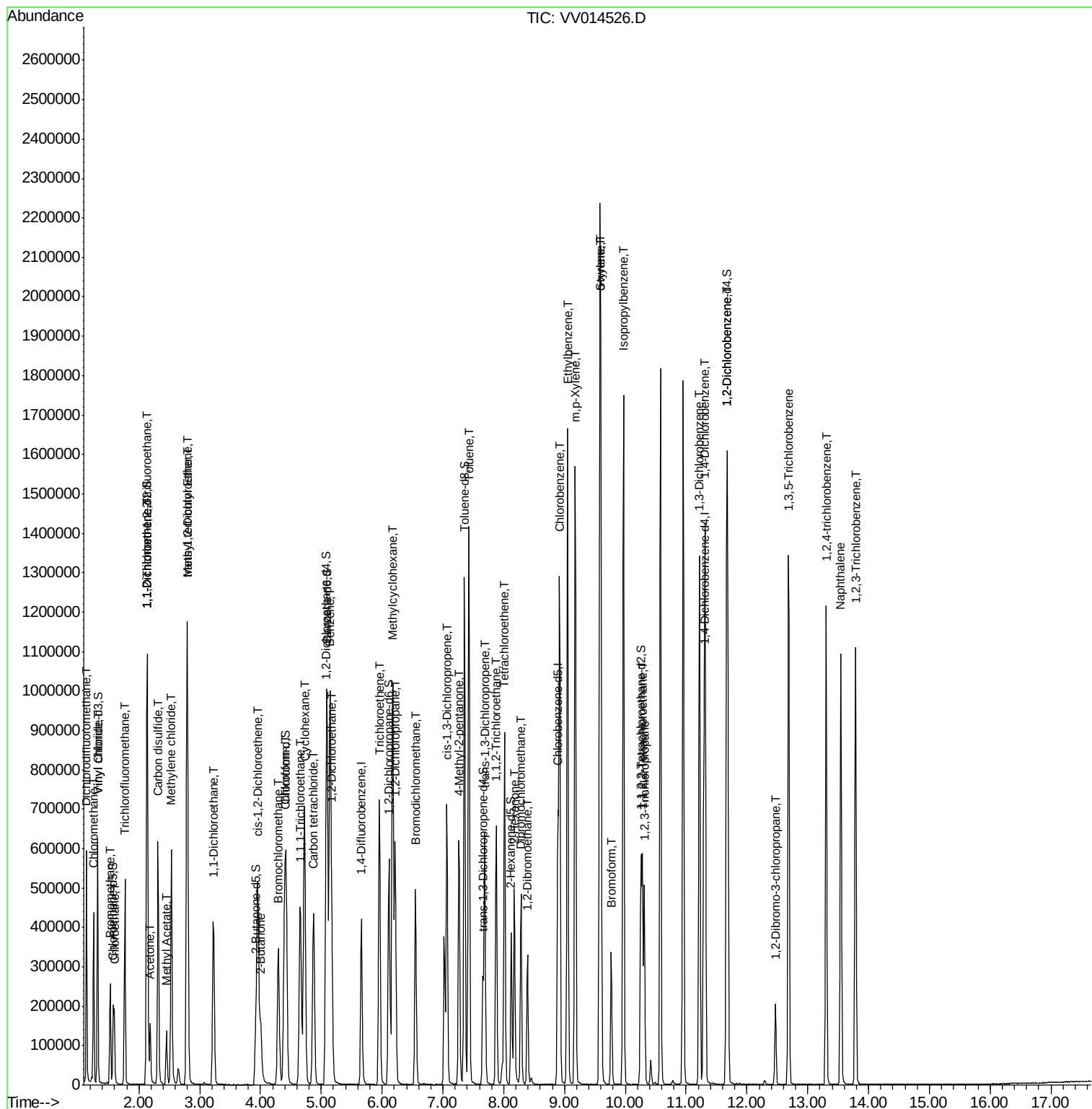
(#) = qualifier out of range (m) = manual integration (+) = signals summed

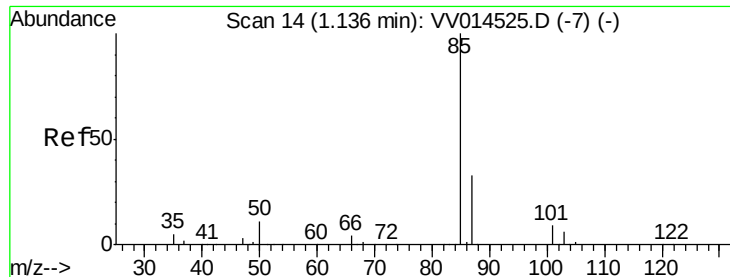
Data File : VV014526.D

```
Acq On       : 06 Feb 2020   18:52
Operator    : SY/MD
Sample      : VSTD05064
Misc       : 5.0g/10.0mL/MSVOA_V/WATER
ALS Vial    : 6      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

Quant Time: Feb 07 03:22:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\SOM2VLM020720S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 07 03:18:50 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 50.928 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

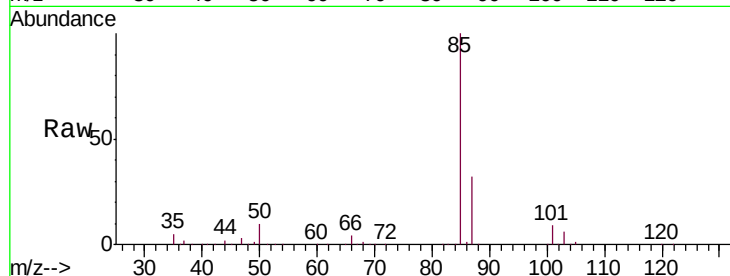
VSTD05064

Tgt Ion: 85 Resp: 304089

Ion Ratio Lower Upper

85 100

87 32.3 23.0 42.8



Abundance Ion 85.00 (84.70 to 85.70): VV014525.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV014525.D (-7) (-)

1.14

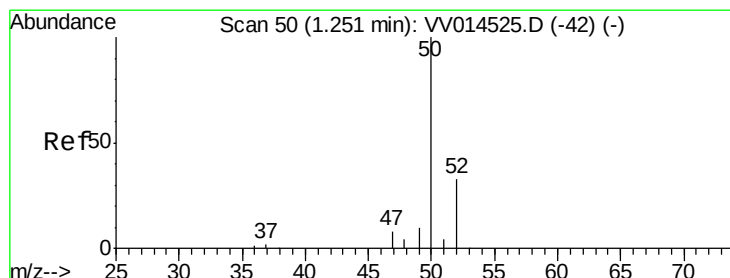
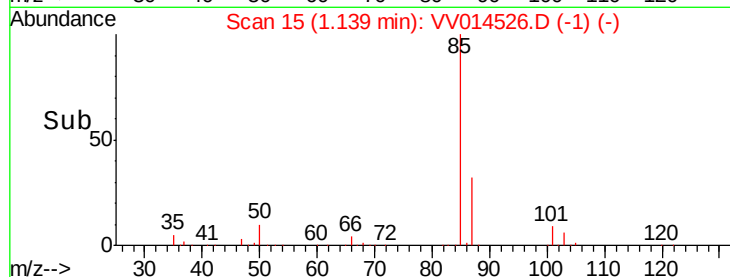
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 45.744 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014526.D

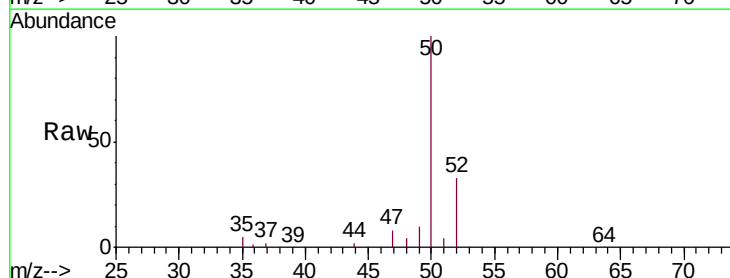
Acq: 06 Feb 2020 18:52

Tgt Ion: 50 Resp: 257644

Ion Ratio Lower Upper

50 100

52 32.9 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VV014525.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV014525.D (-42) (-)

1.25

300000

250000

200000

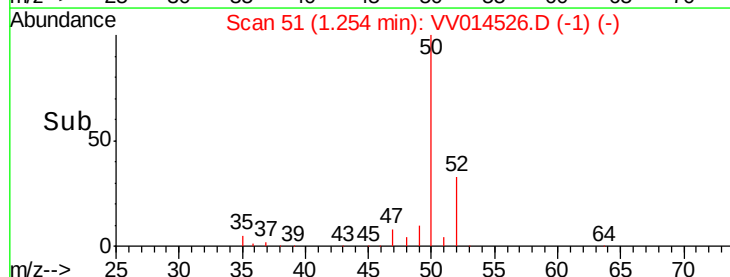
150000

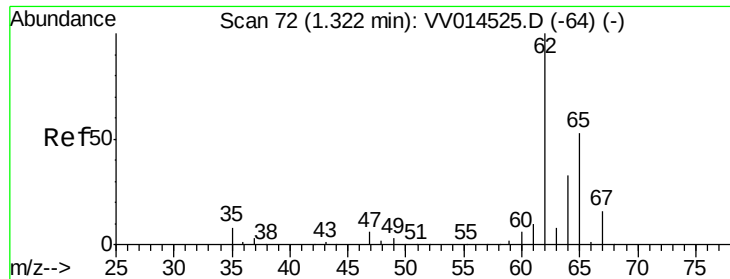
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 38.552 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

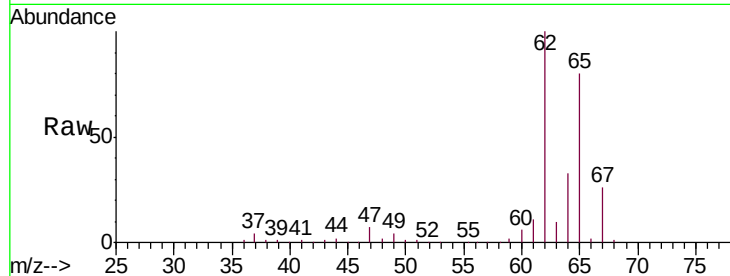
VSTD05064

Tgt Ion: 62 Resp: 208298

Ion Ratio Lower Upper

62 100

64 32.9 22.9 42.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

250000

200000

150000

100000

50000

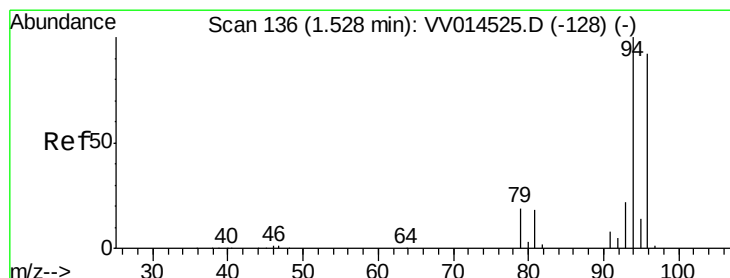
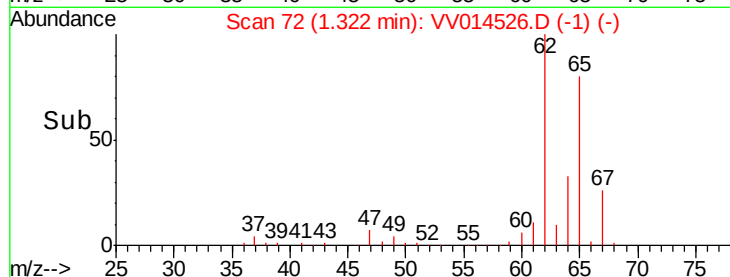
0

1.30

1.32

1.35

Time-->



#6

Bromomethane

Concen: 40.922 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV014526.D

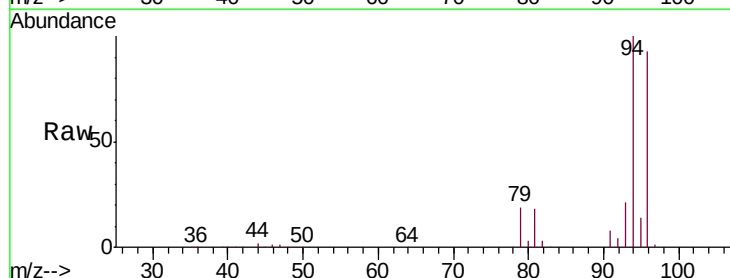
Acq: 06 Feb 2020 18:52

Tgt Ion: 94 Resp: 105019

Ion Ratio Lower Upper

94 100

96 94.0 9.4 178.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

100000

80000

60000

40000

20000

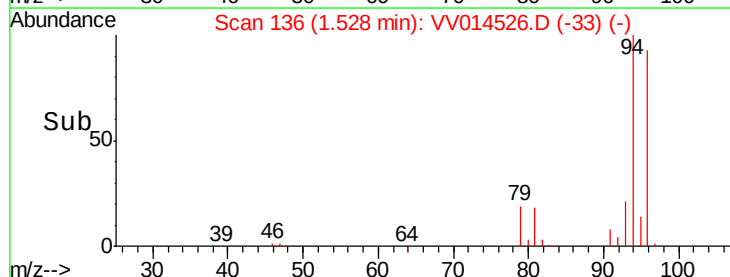
0

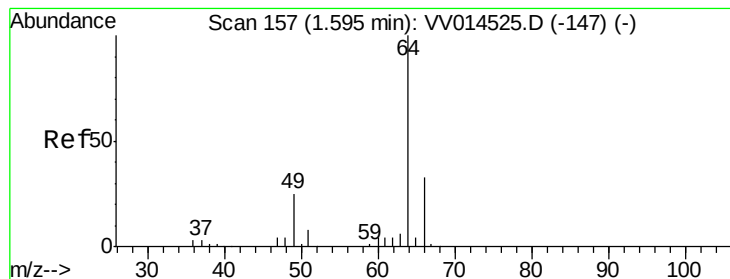
1.50

1.53

1.60

Time-->





#8

Chloroethane

Concen: 32.436 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

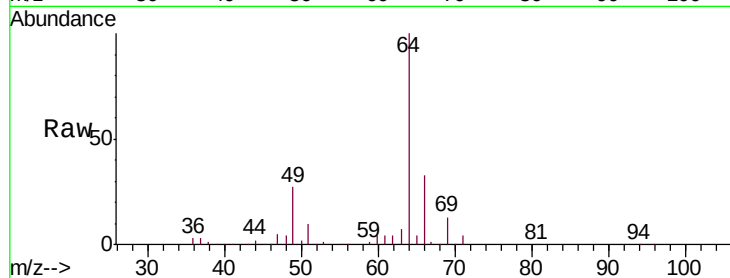
VSTD05064

Tgt Ion: 64 Resp: 96816

Ion Ratio Lower Upper

64 100

66 32.6 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VV014525.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV014525.D (-147) (-)

1.60

80000

60000

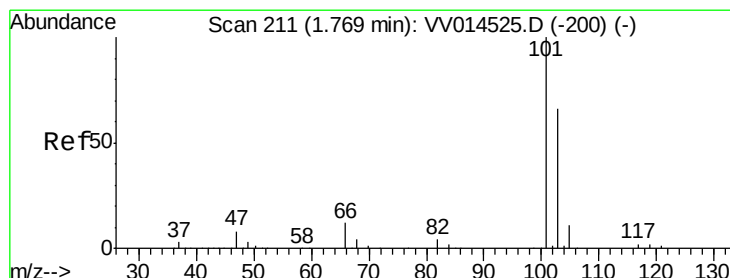
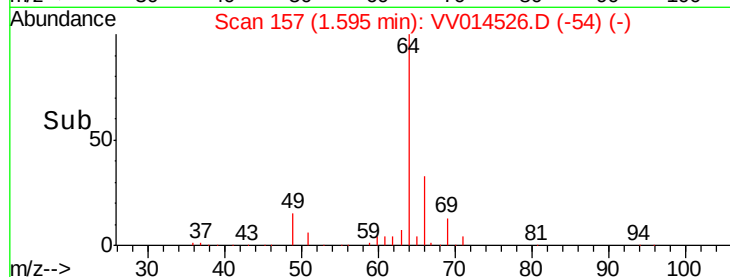
40000

20000

0

Time-->

1.55 1.60 1.65



#9

Trichlorofluoromethane

Concen: 39.749 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV014526.D

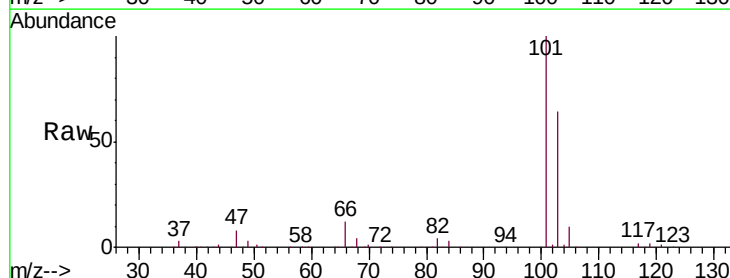
Acq: 06 Feb 2020 18:52

Tgt Ion: 101 Resp: 302253

Ion Ratio Lower Upper

101 100

103 64.1 45.8 85.2



Abundance Ion 101.00 (100.70 to 101.70): VV014525.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV014525.D (-200) (-)

1.77

250000

200000

150000

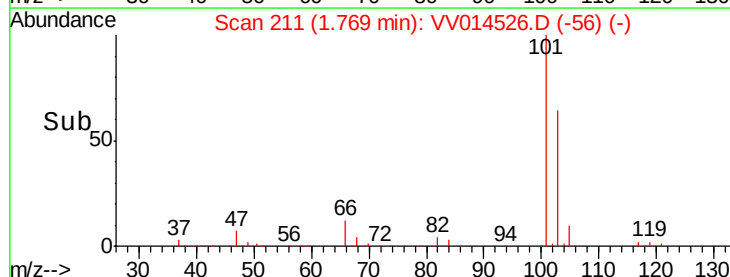
100000

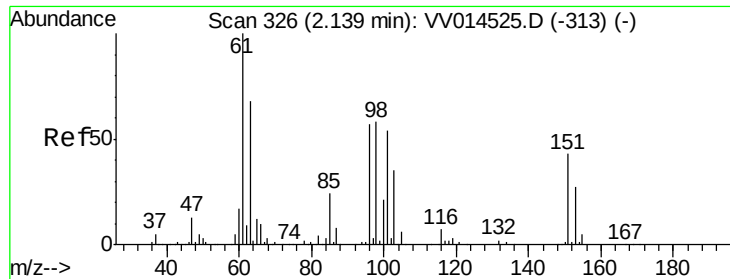
50000

0

Time-->

1.70 1.75 1.80 1.85 1.90





#11

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

Concen: 33.098 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

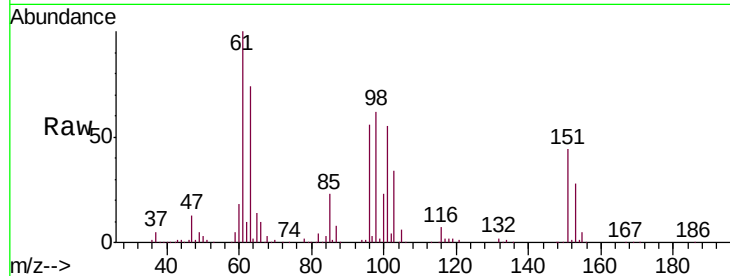
Tgt Ion: 101 Resp: 144539

Ion Ratio Lower Upper

101 100

85 43.7 34.8 52.2

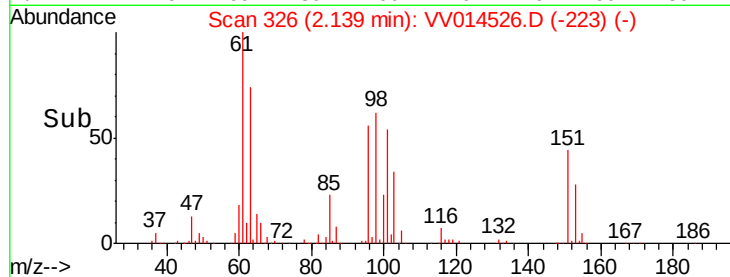
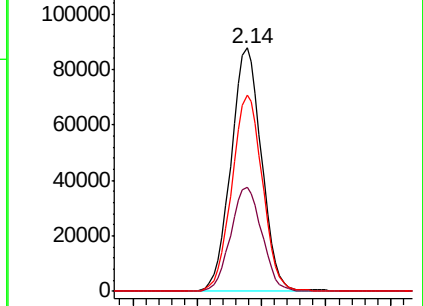
151 80.8 62.9 94.3



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: 31.061 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

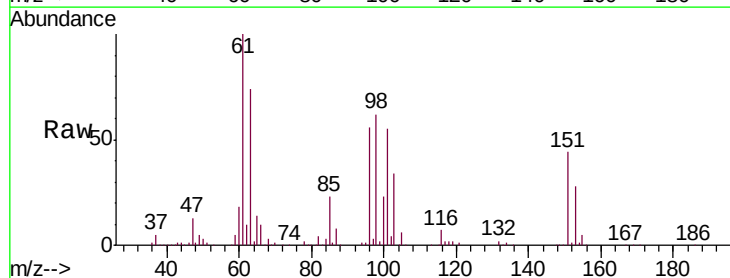
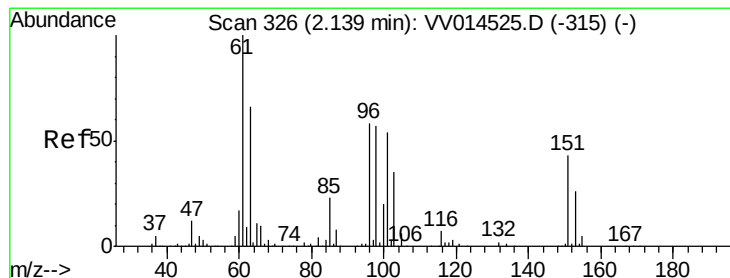
Tgt Ion: 96 Resp: 127157

Ion Ratio Lower Upper

96 100

61 179.6 121.9 226.5

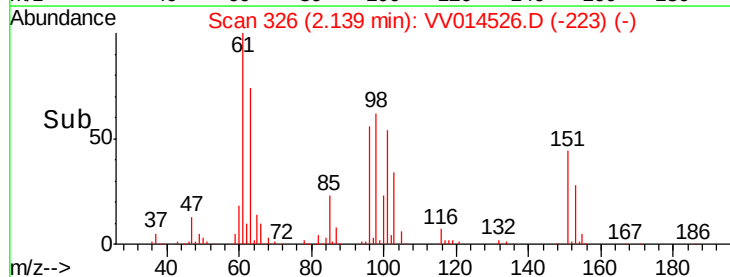
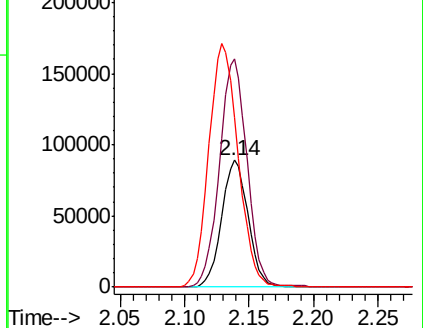
63 133.3 83.2 154.4

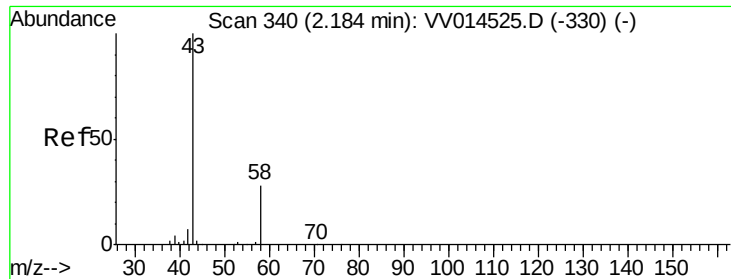


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 52.703 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

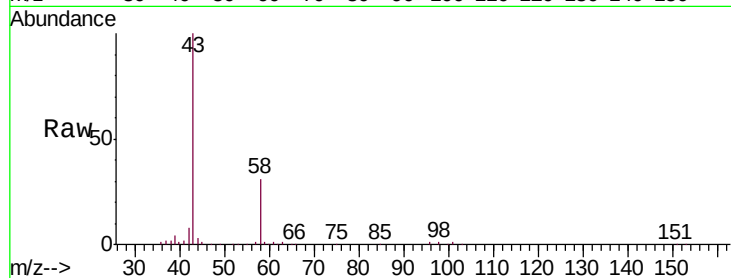
VSTD05064

Tgt Ion: 43 Resp: 140124

Ion Ratio Lower Upper

43 100

58 30.8 0.0 58.8



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

Ion 58.00 (57.70 to 58.70): VV014525.D (-330) (-)

2.18

100000

80000

60000

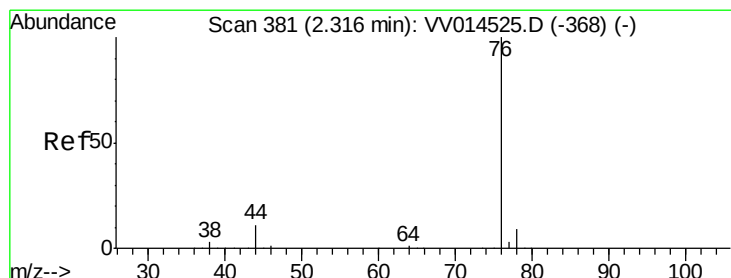
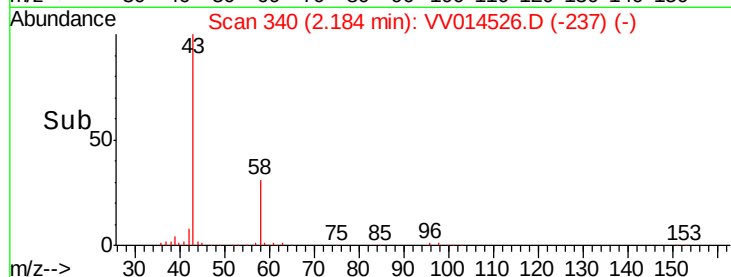
40000

20000

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 42.545 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

Lab File: VV014526.D

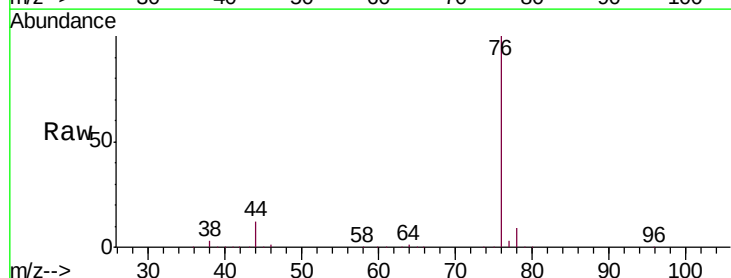
Acq: 06 Feb 2020 18:52

Tgt Ion: 76 Resp: 717450

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) (-)

Ion 78.00 (77.70 to 78.70): VV014525.D (-368) (-)

2.32

500000

400000

300000

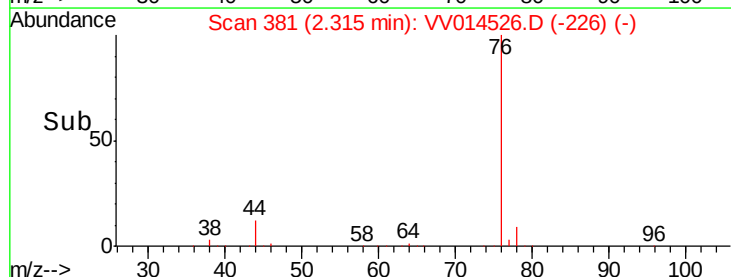
200000

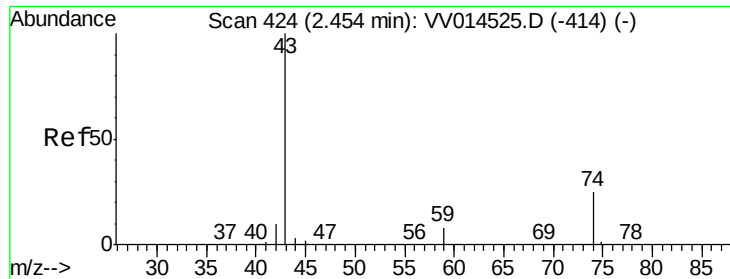
100000

0

Time-->

2.25 2.30 2.35 2.40

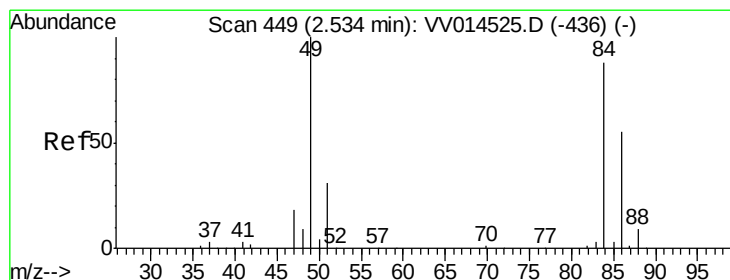
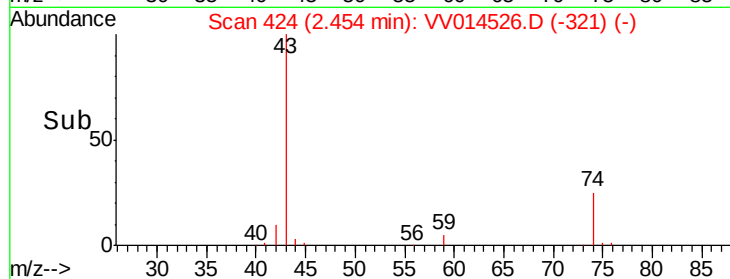
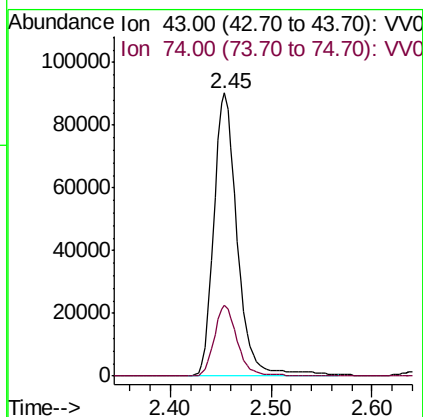
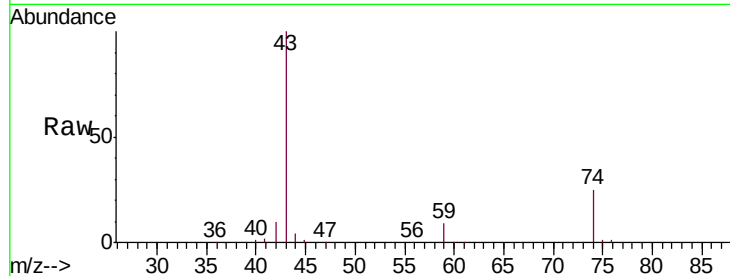




#15
Methyl Acetate
Concen: 36.353 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

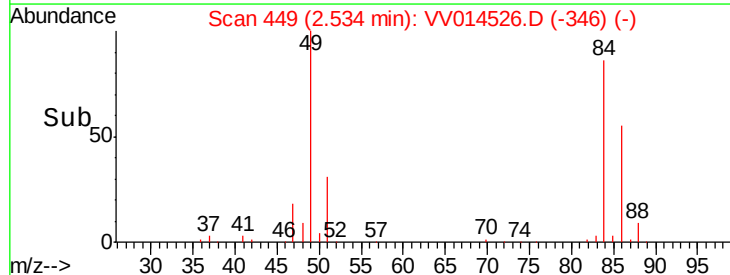
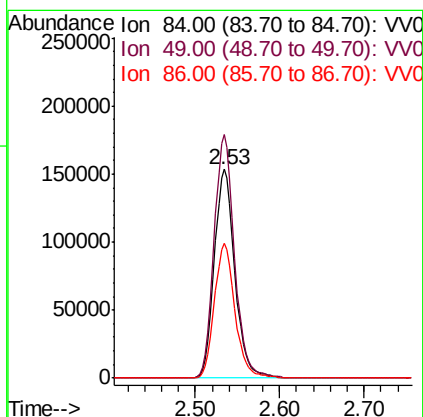
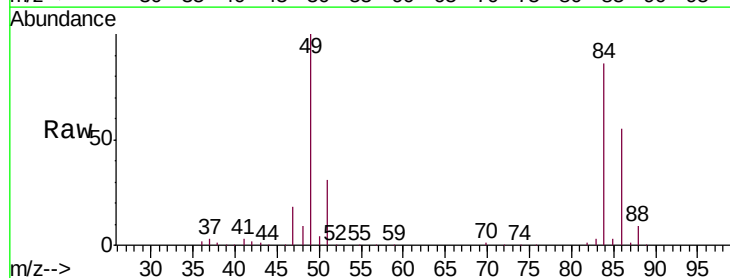
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

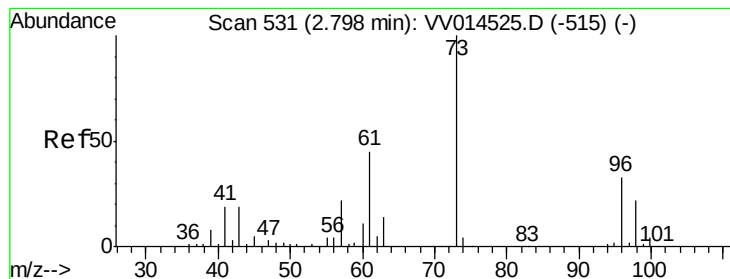
Tgt Ion: 43 Resp: 145537
Ion Ratio Lower Upper
43 100
74 24.3 19.4 29.0



#16
Methylene chloride
Concen: 38.131 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Tgt Ion: 84 Resp: 260509
Ion Ratio Lower Upper
84 100
49 116.8 79.1 146.9
86 64.7 43.9 81.5



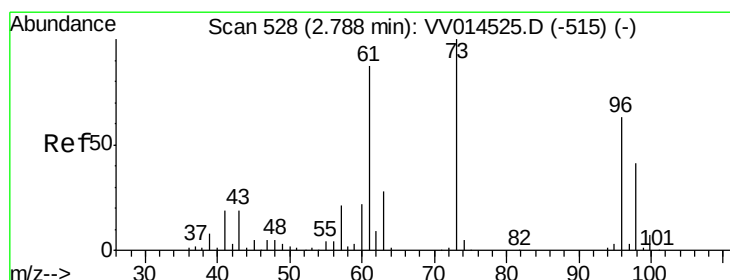
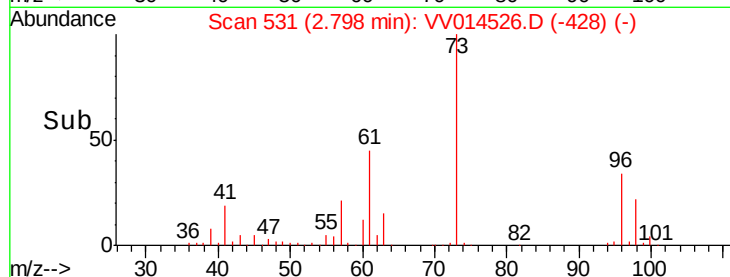
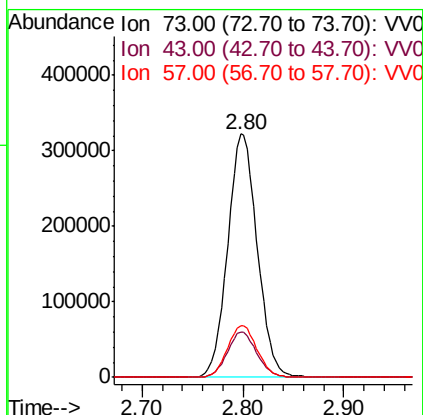
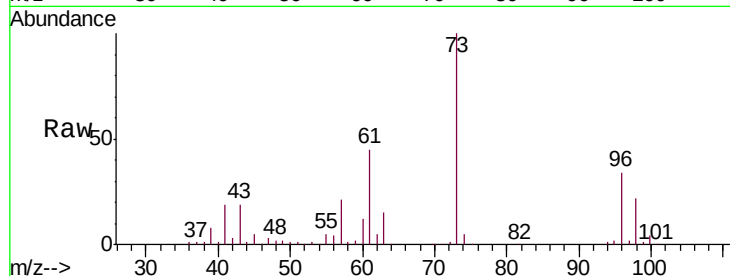


#17

Methyl tert-butyl Ether
 Concen: 45.147 ug/L
 RT: 2.80 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

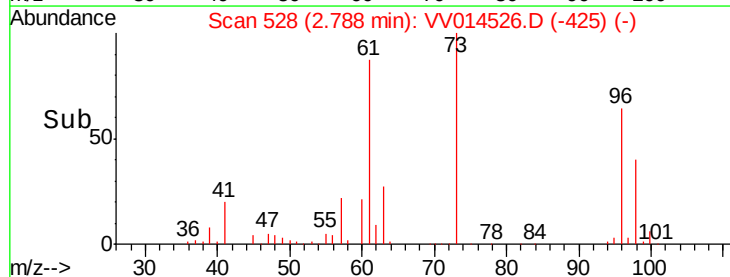
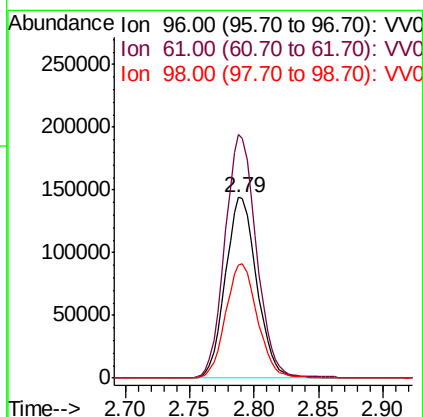
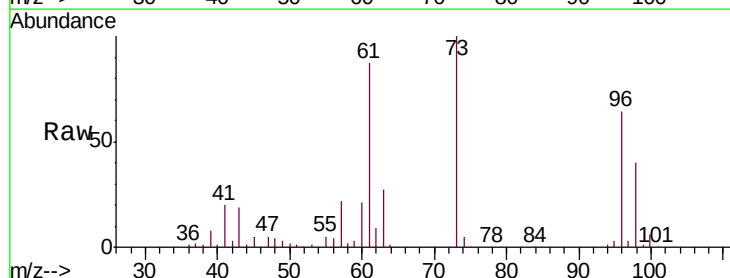
Tgt Ion: 73 Resp: 657167
 Ion Ratio Lower Upper
 73 100
 43 18.6 14.7 22.1
 57 21.4 17.4 26.0

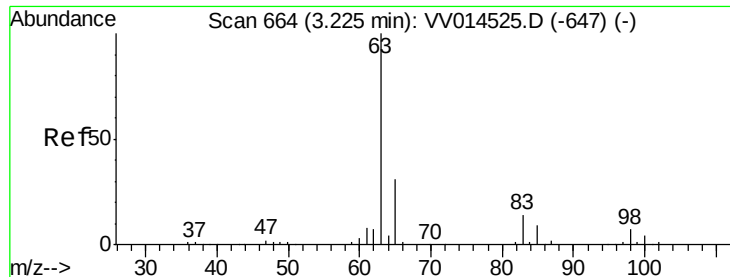


#18

trans-1,2-Dichloroethene
 Concen: 42.021 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion: 96 Resp: 244653
 Ion Ratio Lower Upper
 96 100
 61 135.0 96.2 178.8
 98 62.9 44.8 83.2

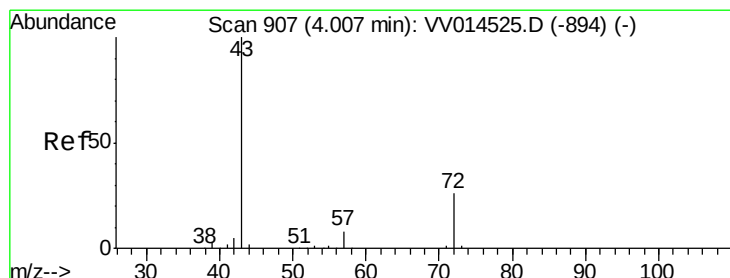
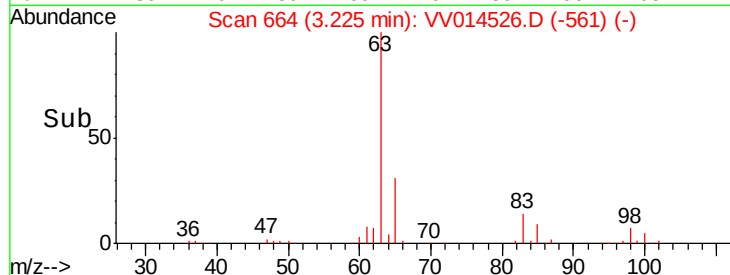
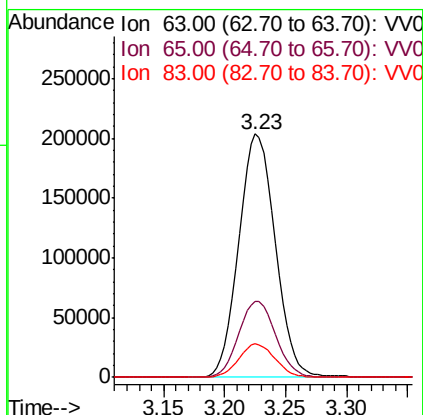
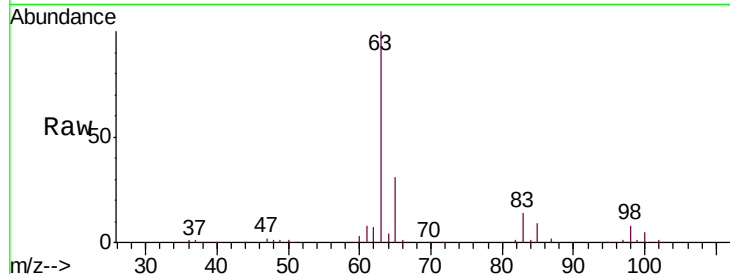




#19
 1,1-Dichloroethane
 Concen: 40.126 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

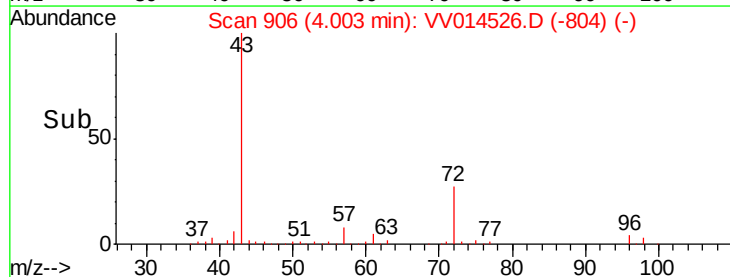
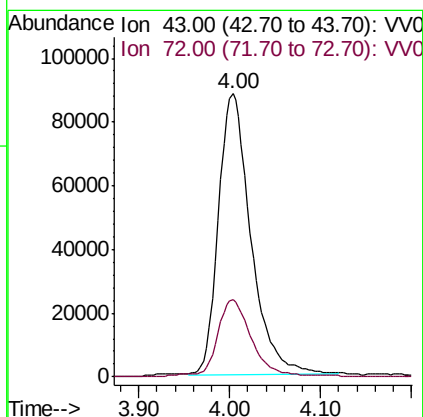
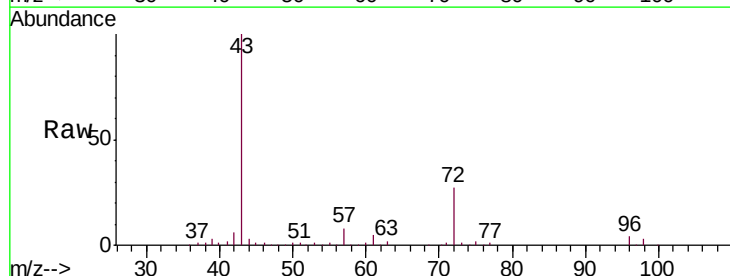
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

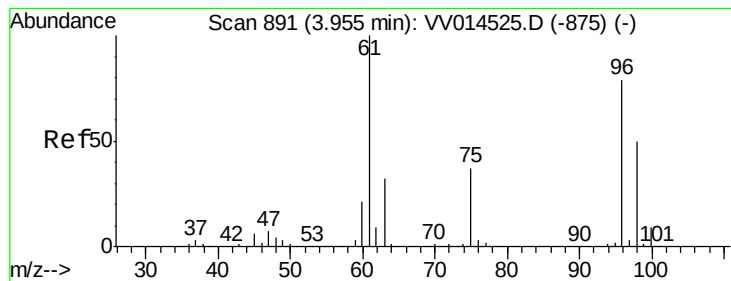
Tgt Ion: 63 Resp: 421168
 Ion Ratio Lower Upper
 63 100
 65 31.1 21.8 40.4
 83 13.8 9.5 17.7



#21
 2-Butanone
 Concen: 77.698 ug/L
 RT: 4.00 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion: 43 Resp: 219010
 Ion Ratio Lower Upper
 43 100
 72 26.8 13.5 40.4



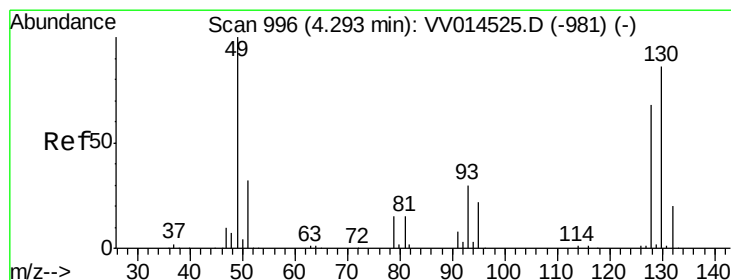
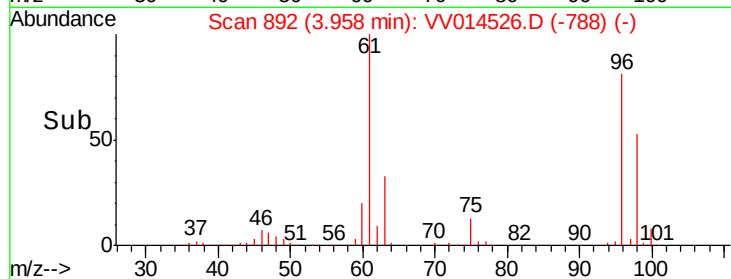
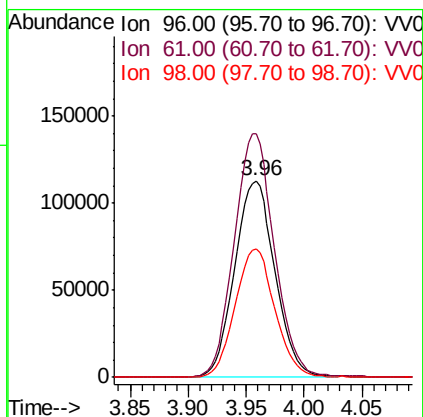
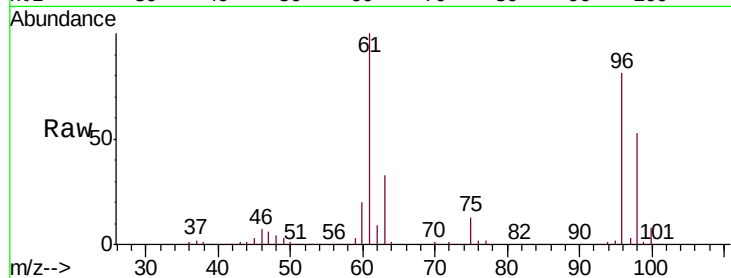


#22

cis-1,2-Dichloroethene
Concen: 43.915 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Instrument :
MSVOA_V
ClientSampled :
VSTD05064

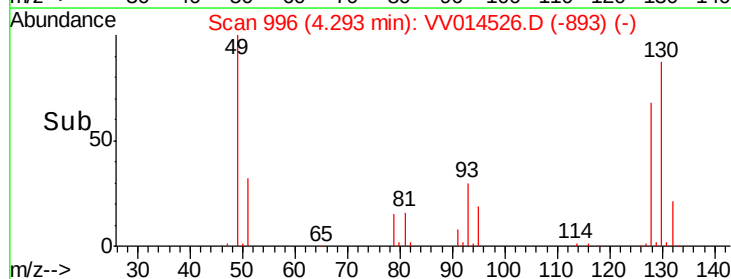
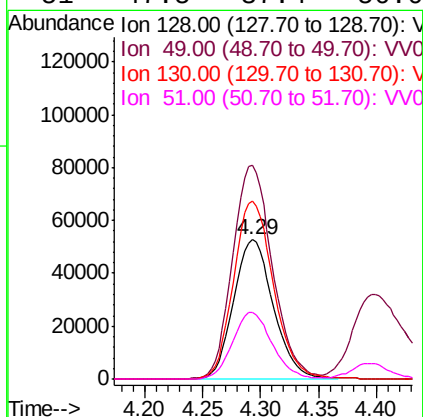
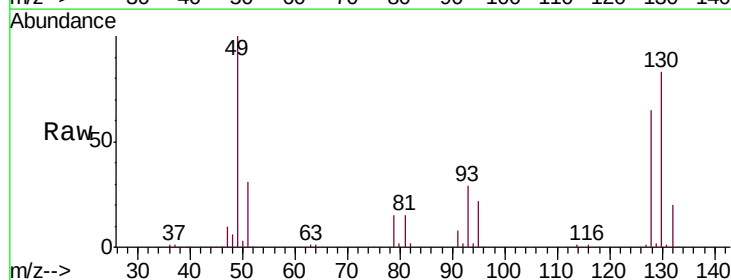
Tgt Ion: 96 Resp: 272120
Ion Ratio Lower Upper
96 100
61 124.0 88.4 164.2
98 65.3 44.0 81.8

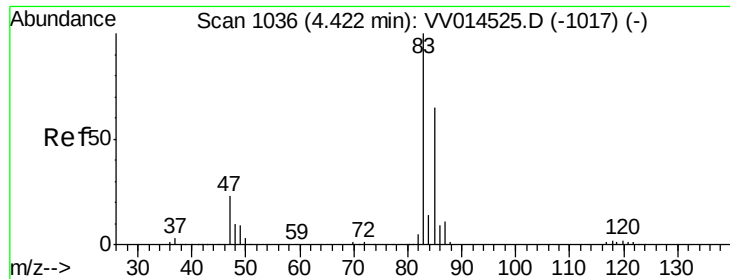


#23

Bromochloromethane
Concen: 42.747 ug/L
RT: 4.29 min Scan# 996
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Tgt Ion: 128 Resp: 125691
Ion Ratio Lower Upper
128 100
49 153.3 103.7 192.7
130 127.5 88.6 164.6
51 47.5 37.4 56.0

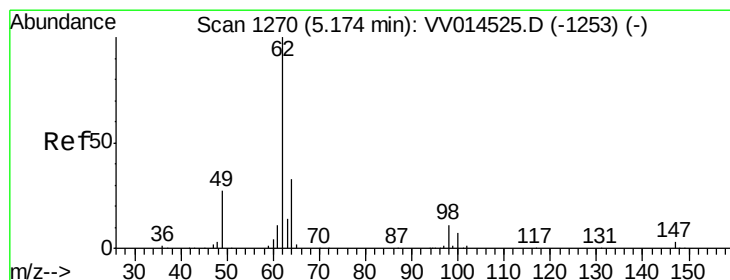
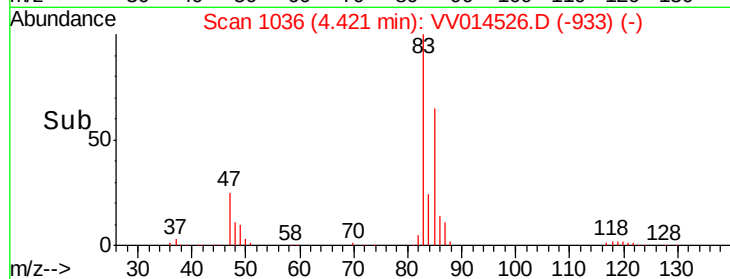
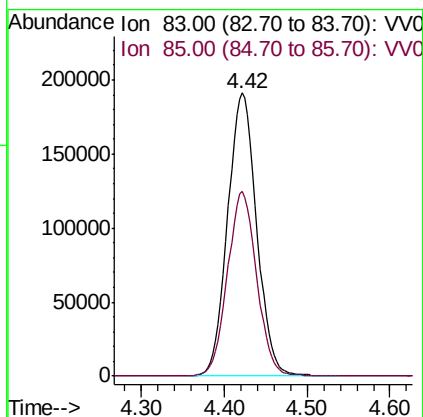
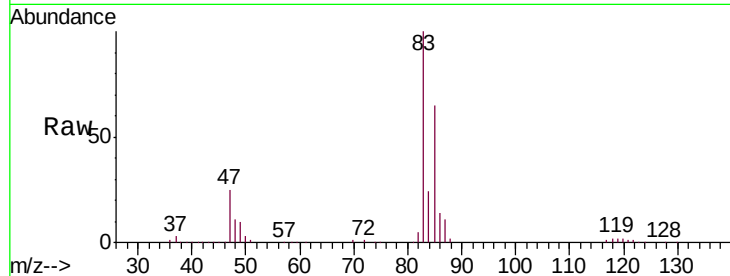




#25
Chloroform
Concen: 42.394 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

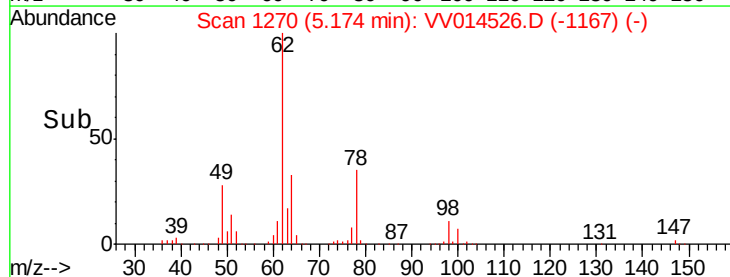
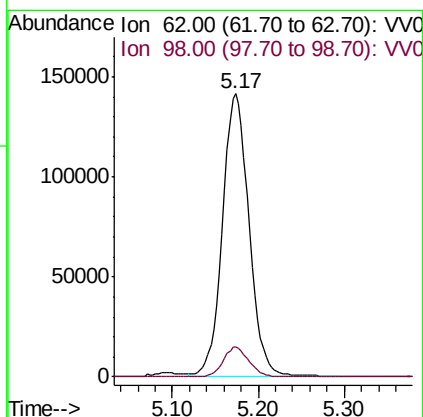
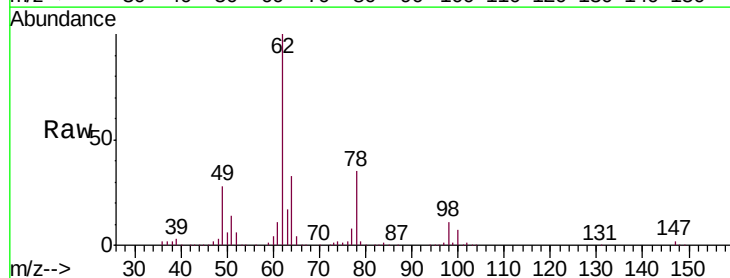
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

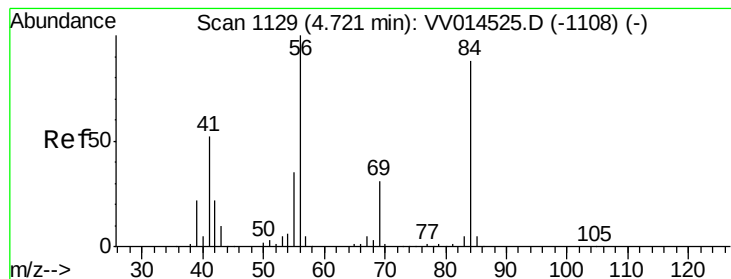
Tgt Ion: 83 Resp: 466355
Ion Ratio Lower Upper
83 100
85 65.9 46.3 86.1



#27
1,2-Dichloroethane
Concen: 40.691 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Tgt Ion: 62 Resp: 303600
Ion Ratio Lower Upper
62 100
98 10.7 8.5 12.7





#30

Cyclohexane

Concen: 44.207 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

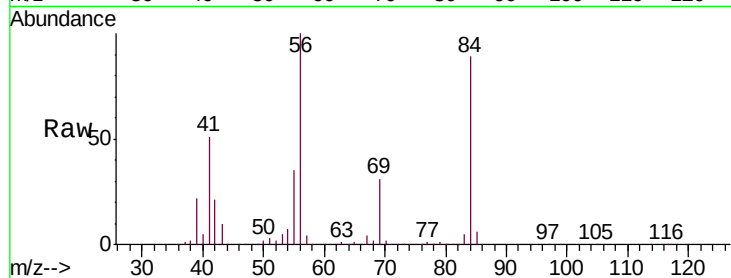
Tgt Ion: 56 Resp: 412648

Ion Ratio Lower Upper

56 100

69 31.1 25.3 37.9

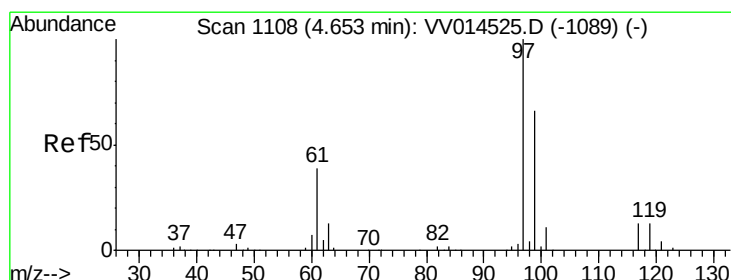
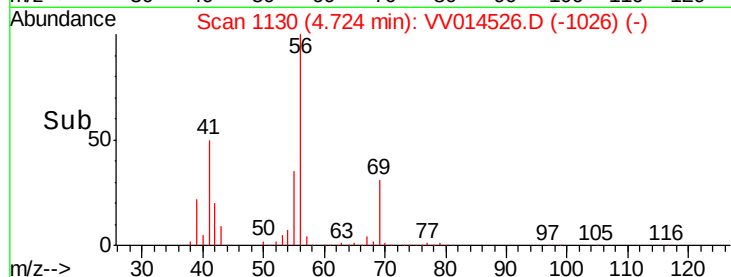
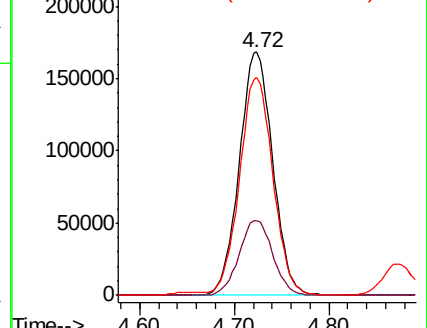
84 89.7 71.9 107.9



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: 42.101 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

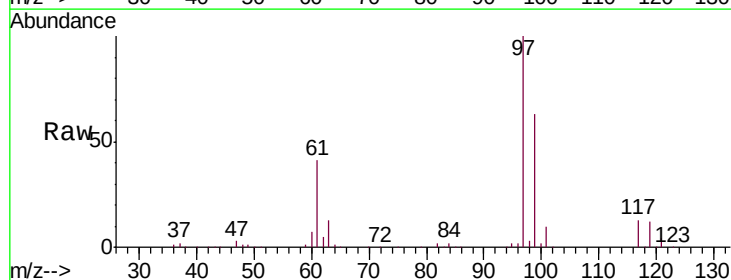
Tgt Ion: 97 Resp: 370798

Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

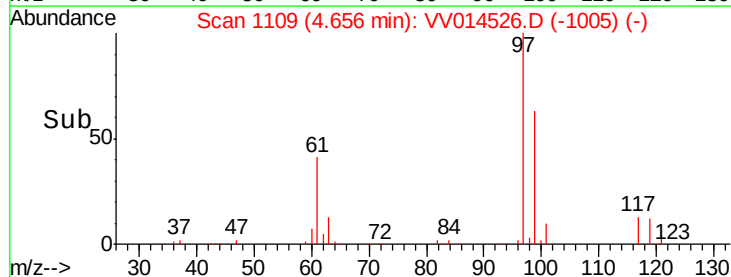
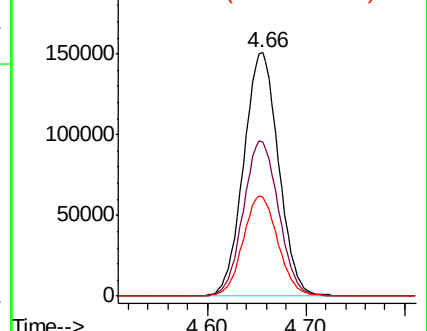
61 41.3 31.8 47.8

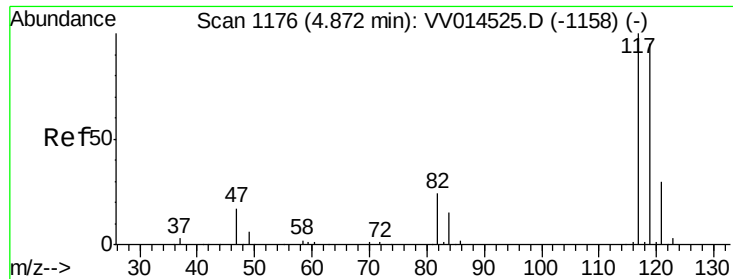


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#32

Carbon tetrachloride

Concen: 42.208 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

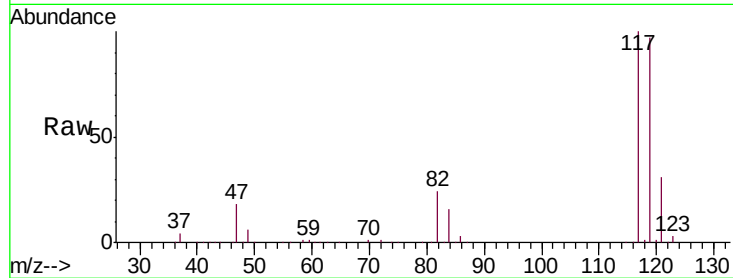
VSTD05064

Tgt Ion:117 Resp: 328794

Ion Ratio Lower Upper

117 100

119 96.5 76.7 115.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

150000

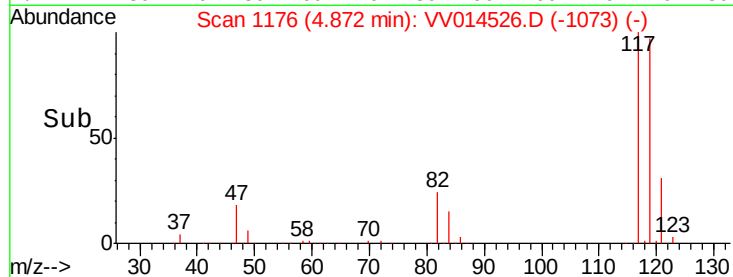
100000

50000

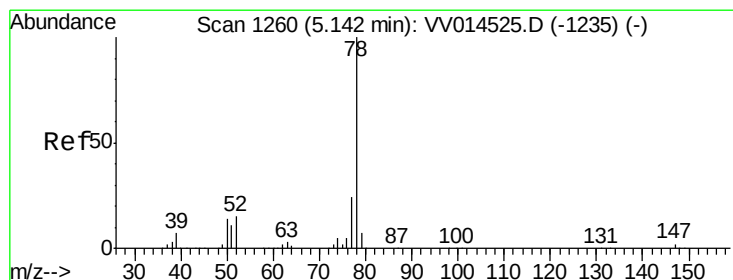
0

4.87

4.80 4.90 5.00



Time-->



#34

Benzene

Concen: 42.632 ug/L

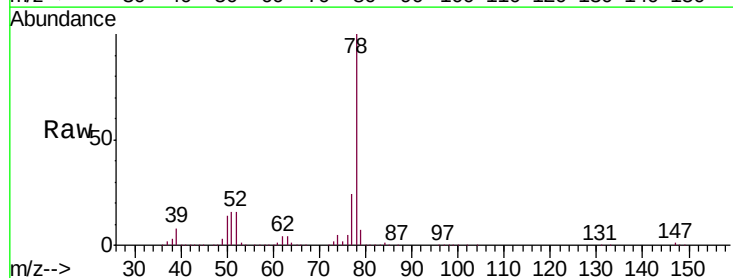
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Tgt Ion: 78 Resp: 971935



Abundance Ion 78.00 (77.70 to 78.70): VV0

500000

400000

300000

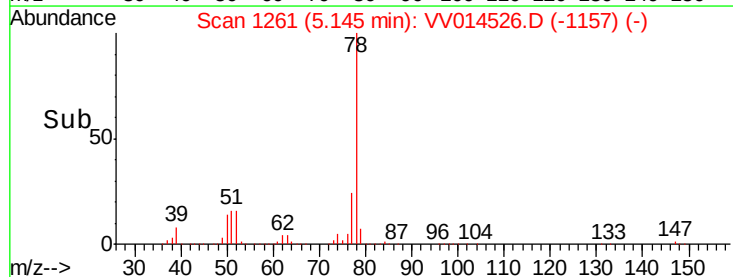
200000

100000

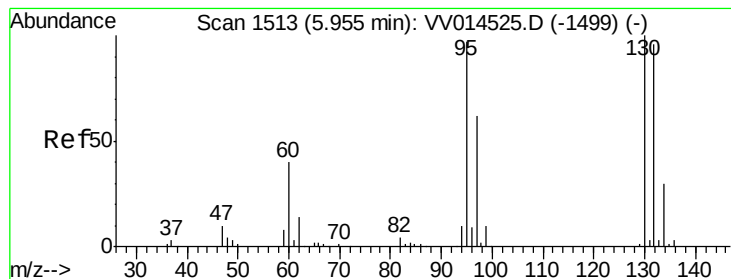
0

5.14

5.00 5.10 5.20



Time-->



#35

Trichloroethene

Concen: 41.828 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

Tgt Ion: 95 Resp: 256623

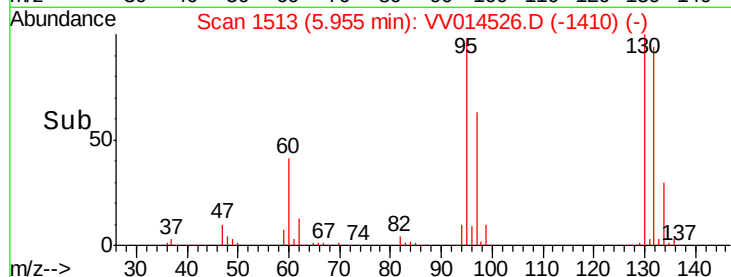
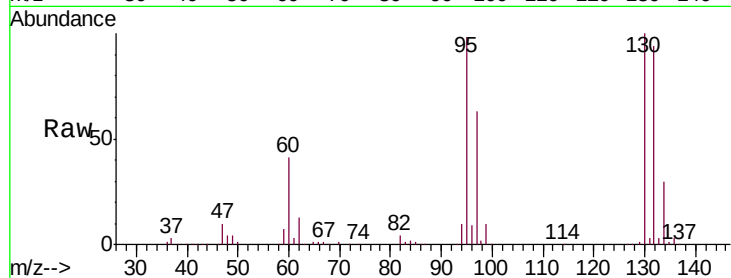
Ion Ratio Lower Upper

95 100

97 64.1 44.6 82.8

132 96.5 68.5 127.1

130 101.9 71.5 132.9



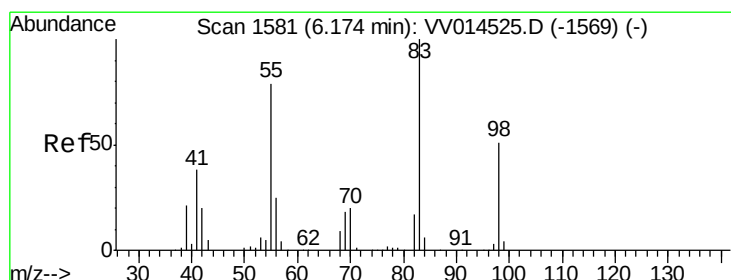
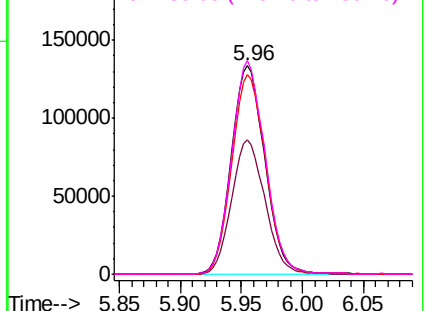
Abundance

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: 46.569 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

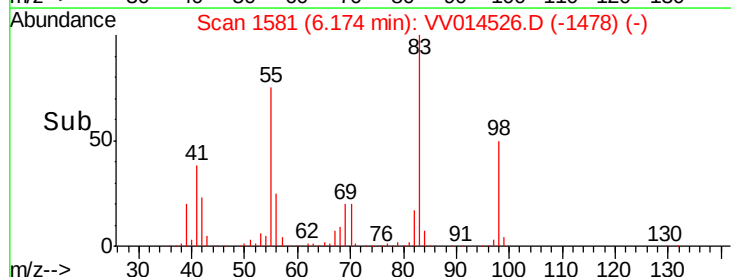
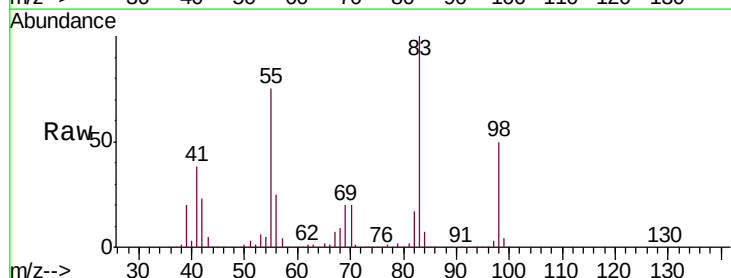
Tgt Ion: 83 Resp: 450458

Ion Ratio Lower Upper

83 100

55 74.0 59.8 89.6

98 48.5 39.9 59.9

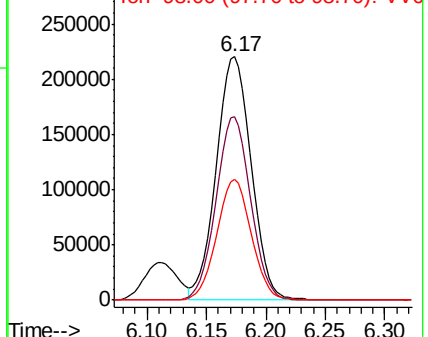


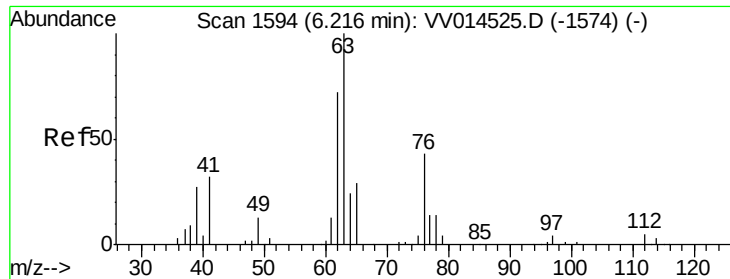
Abundance

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

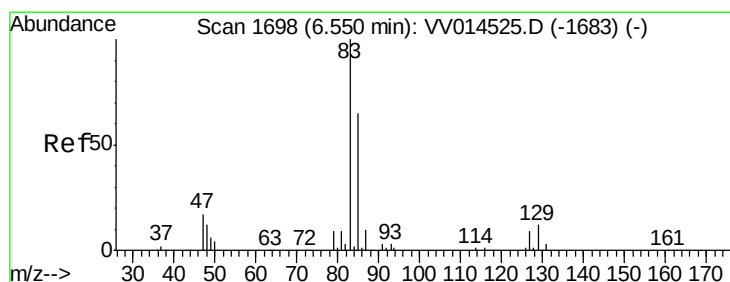
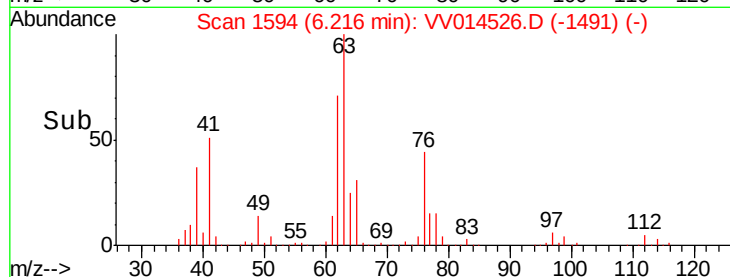
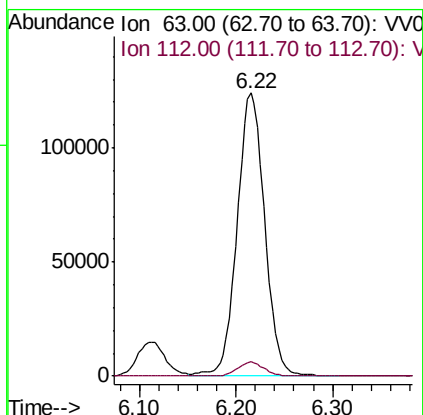
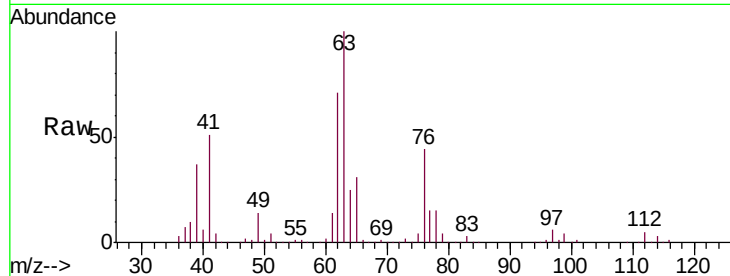




#40
 1,2-Dichloropropane
 Concen: 42.417 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

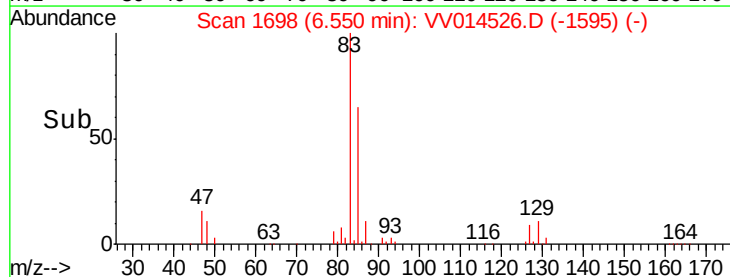
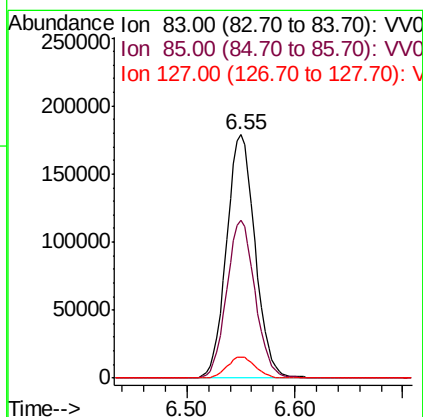
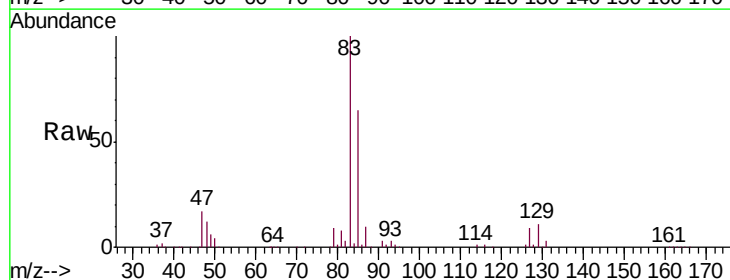
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05064

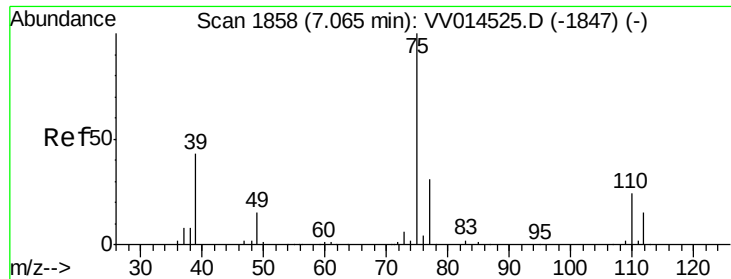
Tgt Ion: 63 Resp: 244045
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.7 5.5



#41
 Bromodichloromethane
 Concen: 43.946 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion: 83 Resp: 328600
 Ion Ratio Lower Upper
 83 100
 85 64.6 45.1 83.9
 127 8.8 7.4 11.0



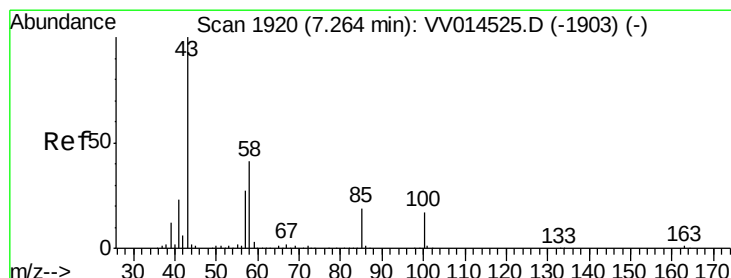
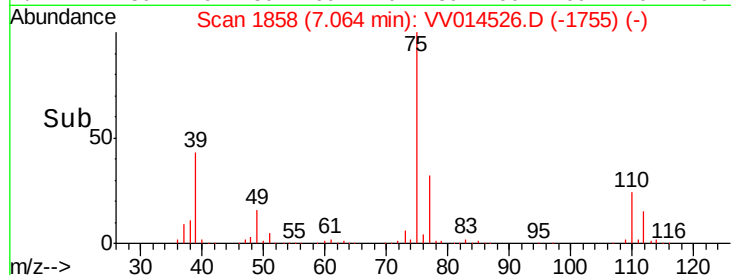
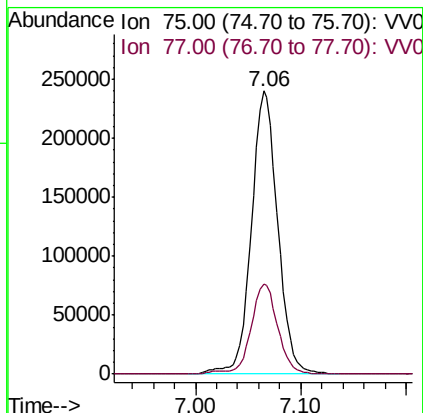
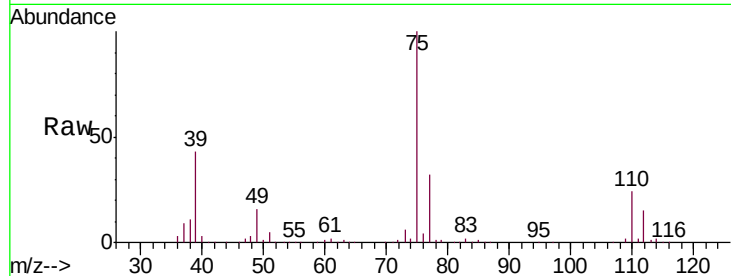


#42

cis-1,3-Dichloropropene
Concen: 47.794 ug/L
RT: 7.06 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Instrument :
MSVOA_V
ClientSampled :
VSTD05064

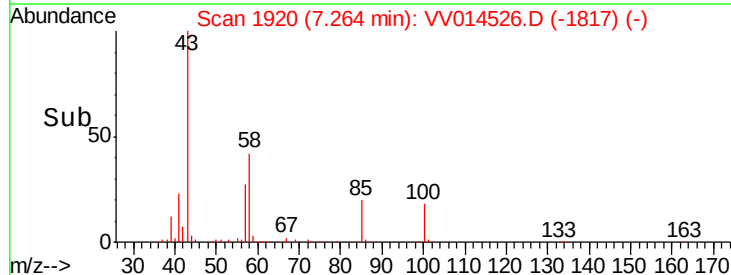
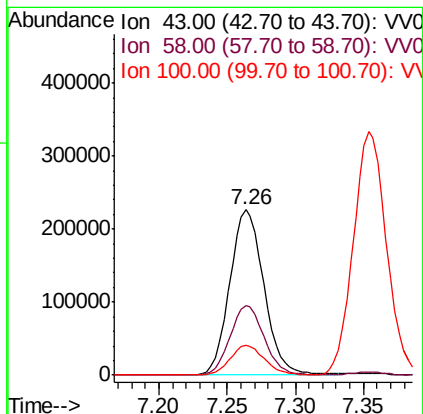
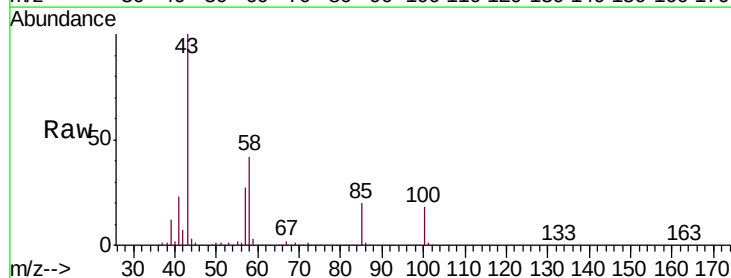
Tgt Ion: 75 Resp: 418919
Ion Ratio Lower Upper
75 100
77 31.9 22.3 41.3

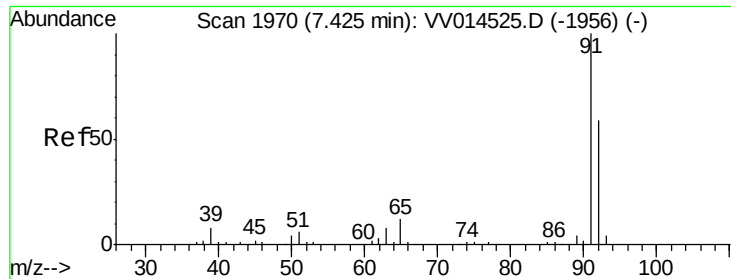


#43

4-Methyl-2-pentanone
Concen: 77.276 ug/L
RT: 7.26 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Tgt Ion: 43 Resp: 394356
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7
100 17.8 14.0 21.0





#44

Toluene

Concen: 44.382 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

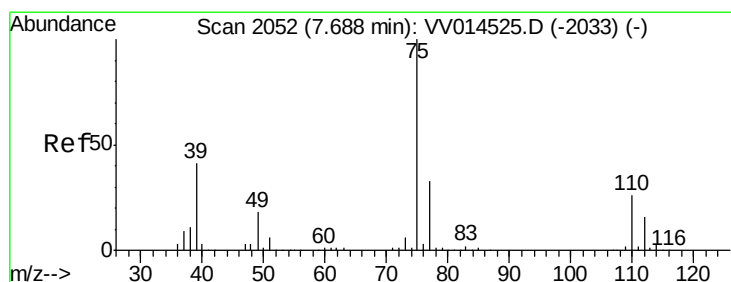
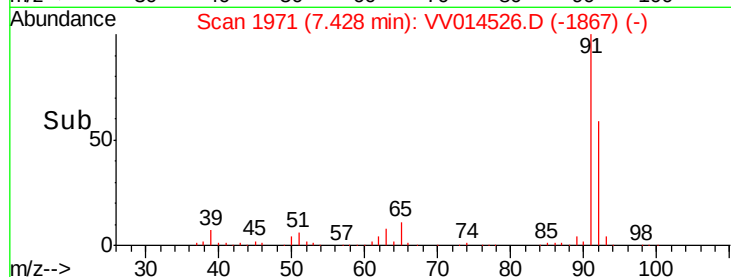
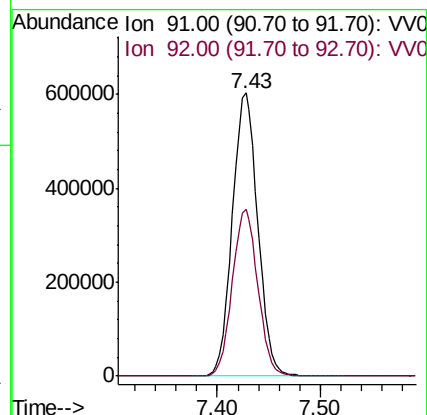
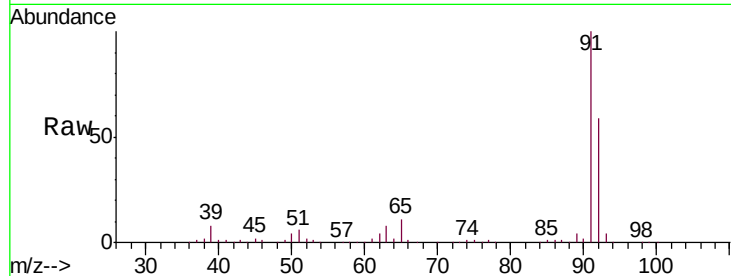
VSTD05064

Tgt Ion: 91 Resp: 1038819

Ion Ratio Lower Upper

91 100

92 58.8 41.0 76.2



#45

trans-1,3-Dichloropropene

Concen: 46.616 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. -0.00 min

Lab File: VV014526.D

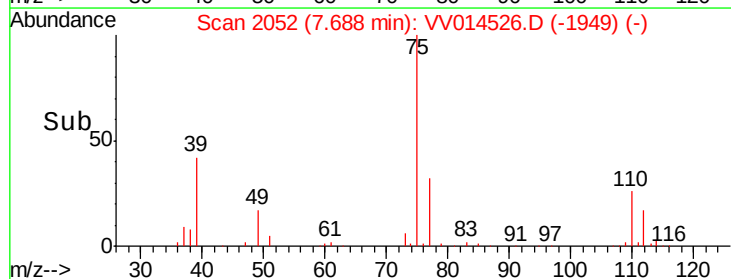
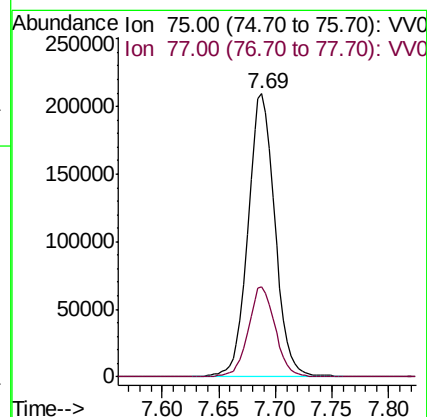
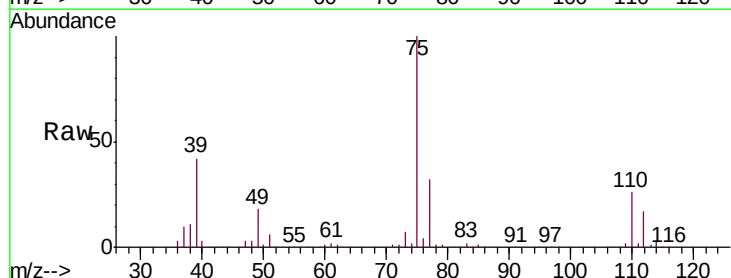
Acq: 06 Feb 2020 18:52

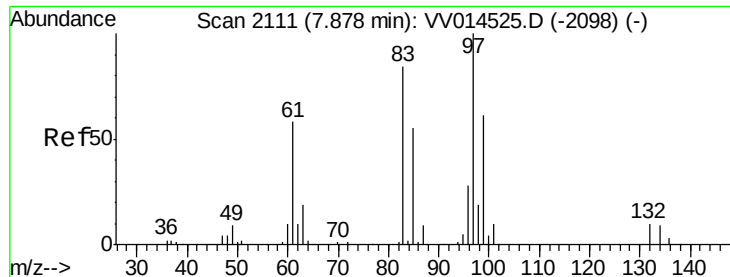
Tgt Ion: 75 Resp: 347379

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4

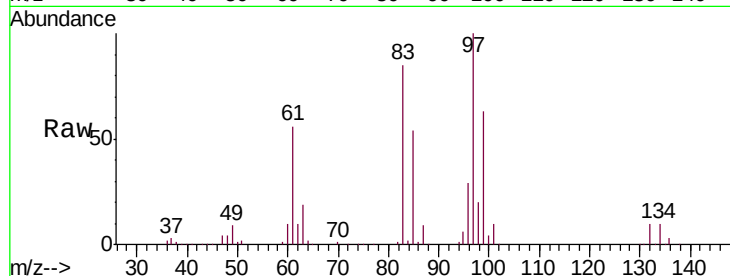




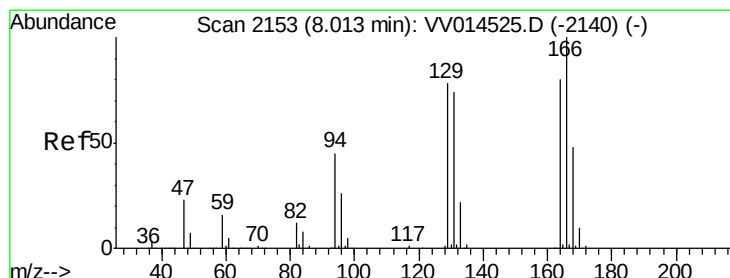
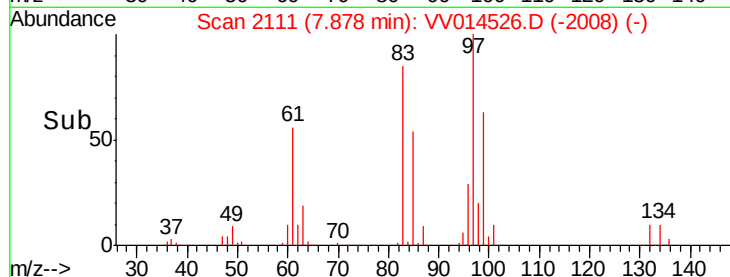
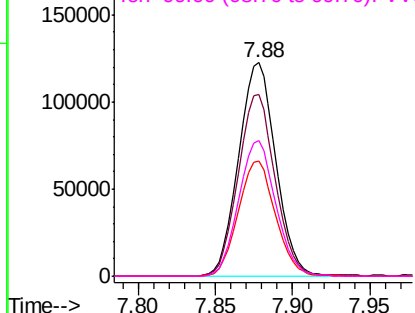
#46
 1,1,2-Trichloroethane
 Concen: 44.273 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Tgt Ion:	97	Resp:	205294
Ion	Ratio	Lower	Upper
97	100		
83	85.0	59.0	109.6
85	53.9	38.6	71.8
99	63.4	42.7	79.3

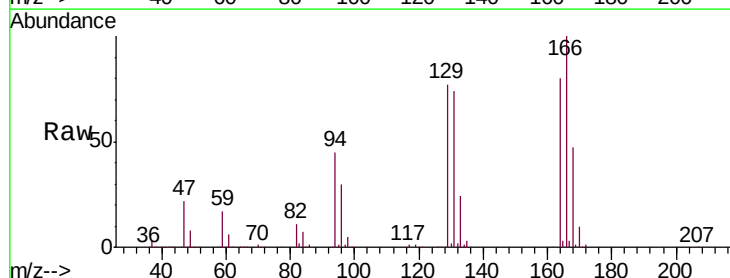


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0

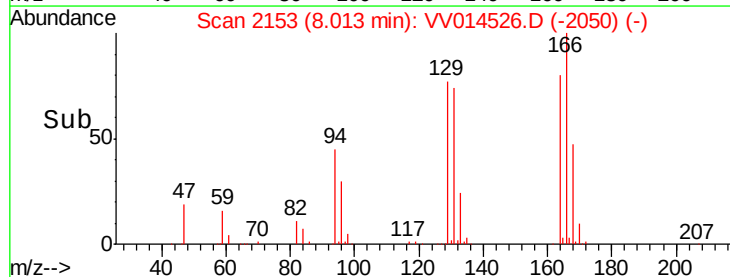
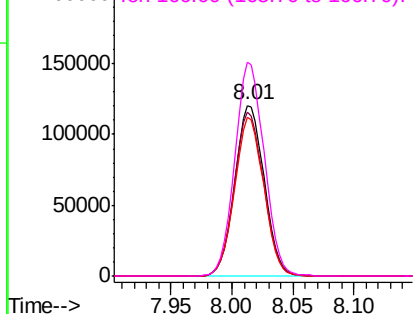


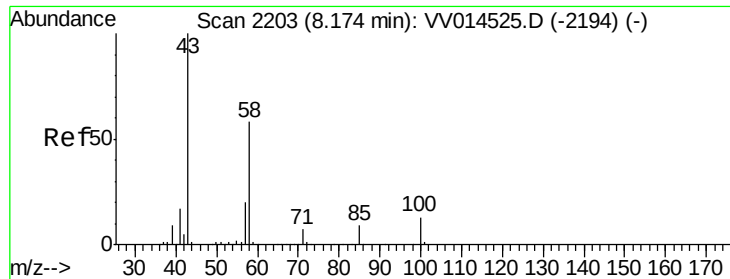
#47
 Tetrachloroethene
 Concen: 39.454 ug/L
 RT: 8.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion:	164	Resp:	201261
Ion	Ratio	Lower	Upper
164	100		
129	96.0	68.7	127.7
131	92.7	64.9	120.5
166	125.2	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

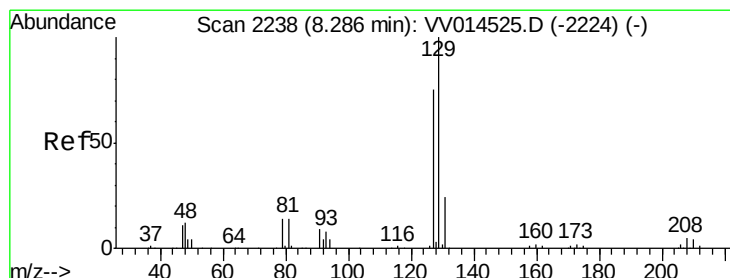
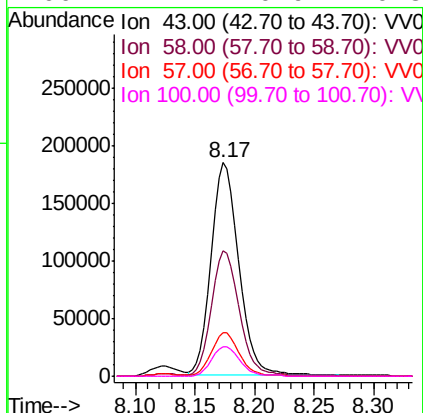
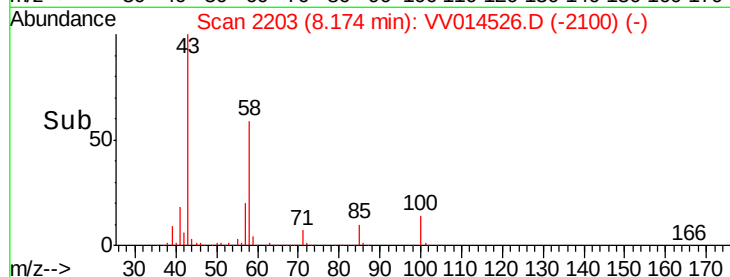
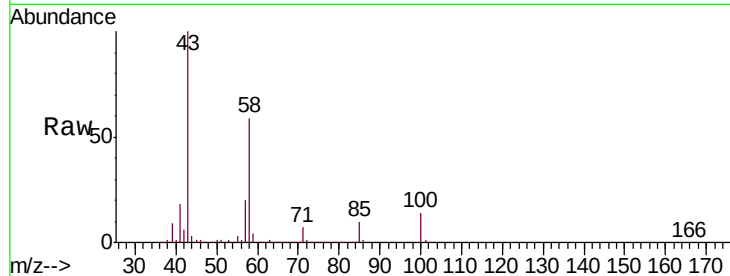




#49
2-Hexanone
Concen: 80.228 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

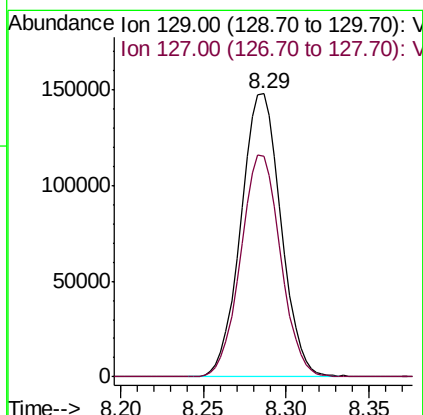
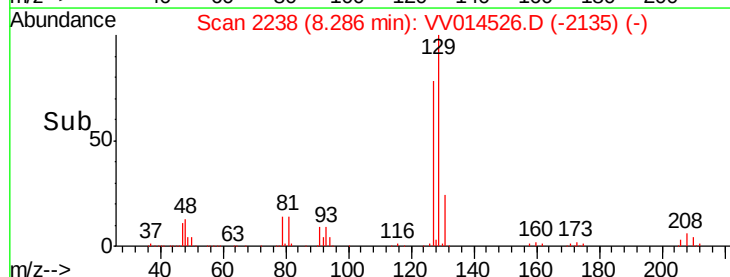
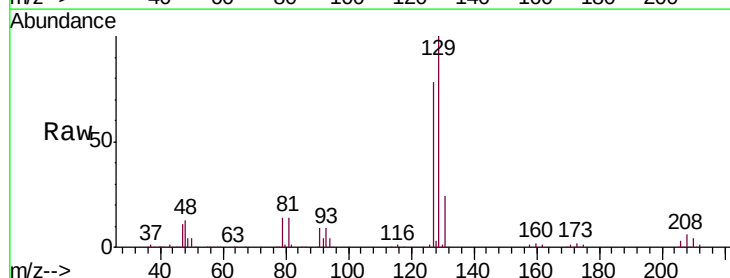
Instrument :
MSVOA_V
ClientSampleId :
VSTD05064

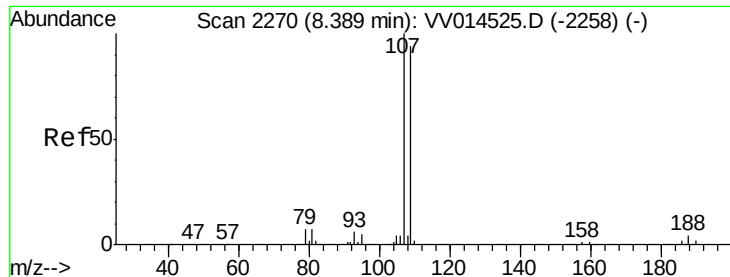
Tgt Ion:	43	Resp:	299219
Ion	Ratio	Lower	Upper
43	100		
58	58.5	46.9	70.3
57	19.9	15.6	23.4
100	14.4	10.9	16.3



#50
Dibromochloromethane
Concen: 44.923 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV014526.D
Acq: 06 Feb 2020 18:52

Tgt Ion:	129	Resp:	248944
Ion	Ratio	Lower	Upper
129	100		
127	77.8	52.5	97.5





#51

1,2-Dibromoethane

Concen: 44.600 ug/L

RT: 8.39 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

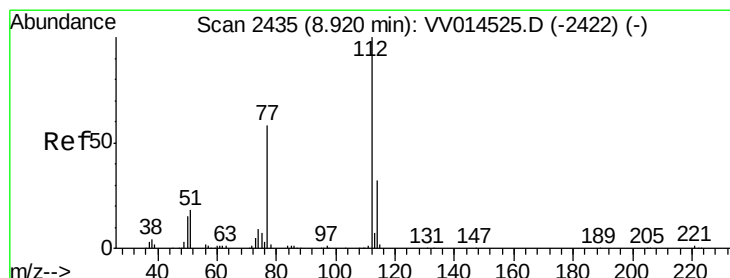
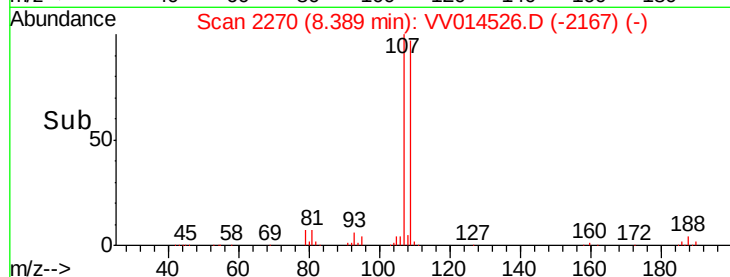
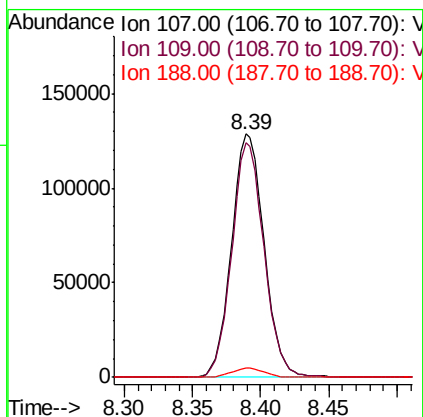
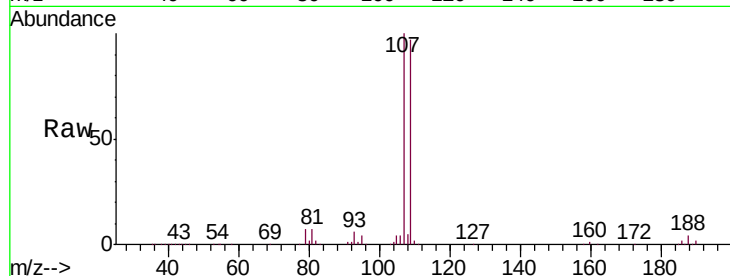
Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

Tgt Ion:	107	Resp:	213613
Ion	Ratio	Lower	Upper
107	100		
109	96.6	66.0	122.6
188	3.7	2.9	4.3



#52

Chlorobenzene

Concen: 43.171 ug/L

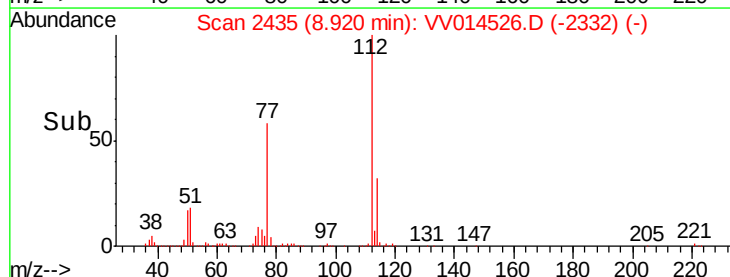
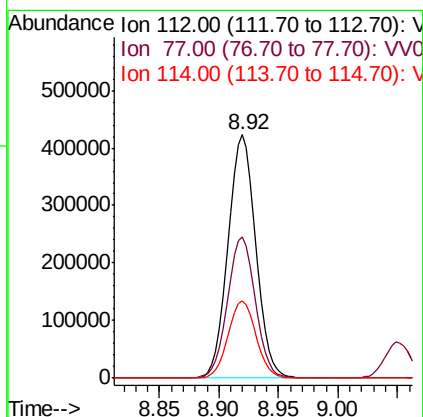
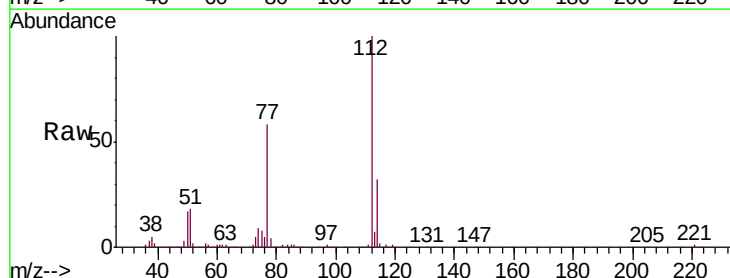
RT: 8.92 min Scan# 2435

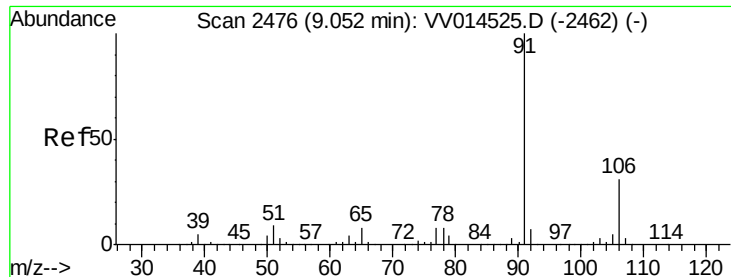
Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Tgt Ion:	112	Resp:	683983
Ion	Ratio	Lower	Upper
112	100		
77	57.9	46.7	70.1
114	31.9	22.7	42.1





#53

Ethylbenzene

Concen: 45.395 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

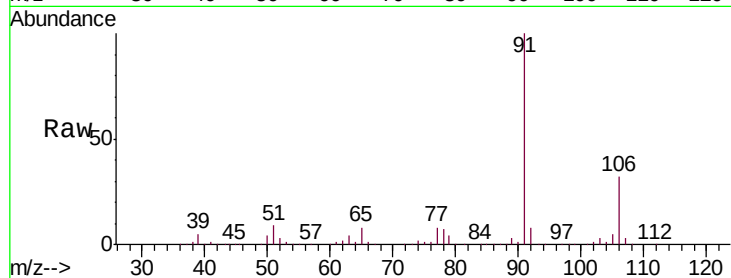
VSTD05064

Tgt Ion: 91 Resp: 1171108

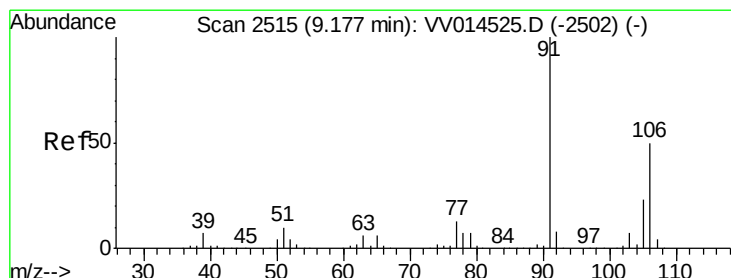
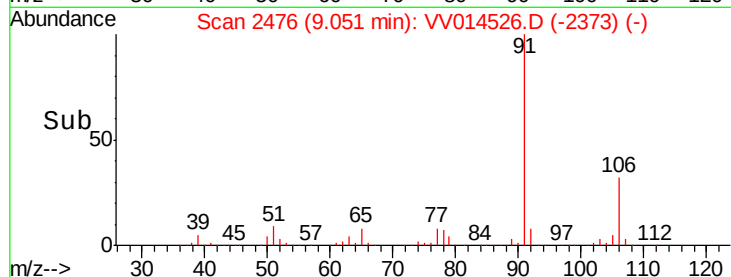
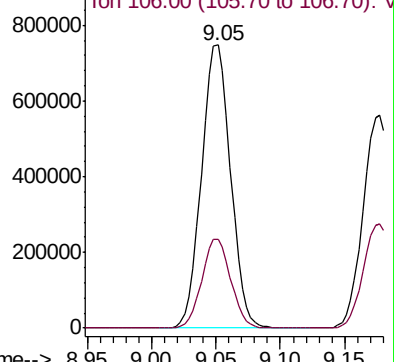
Ion Ratio Lower Upper

91 100

106 31.5 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV014525.D (-2462) (-)



#54

m,p-Xylene

Concen: 46.280 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV014526.D

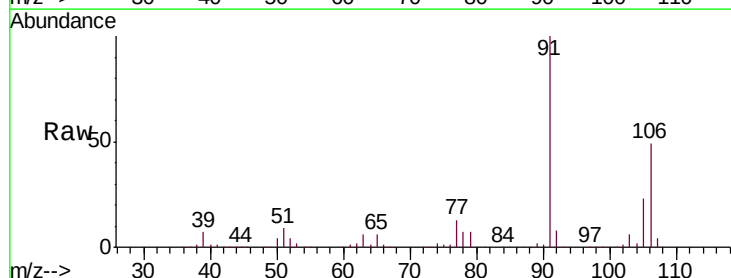
Acq: 06 Feb 2020 18:52

Tgt Ion: 106 Resp: 449760

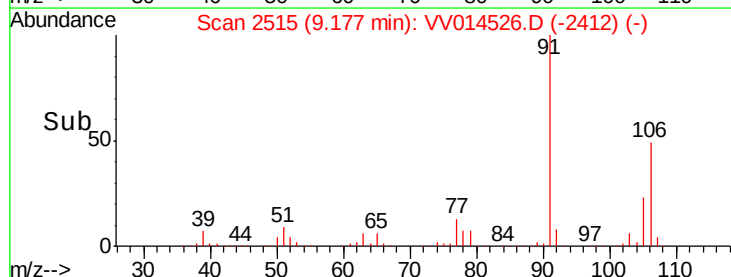
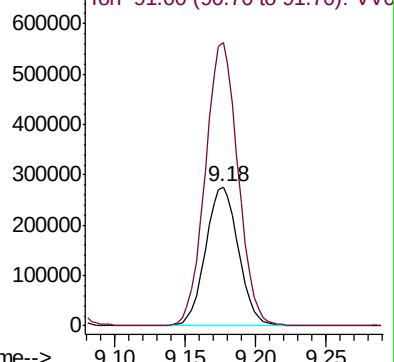
Ion Ratio Lower Upper

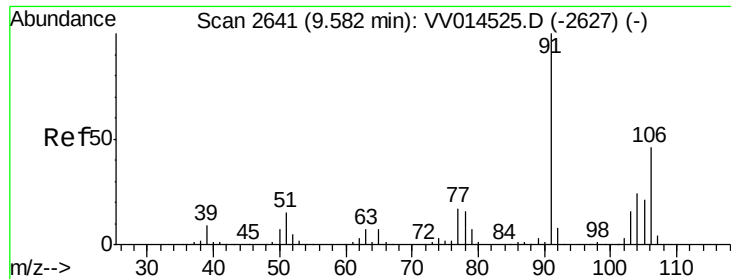
106 100

91 203.8 141.1 262.0



Abundance Ion 106.00 (105.70 to 106.70): VV014525.D (-2502) (-)





#55

o-xylene

Concen: 46.368 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

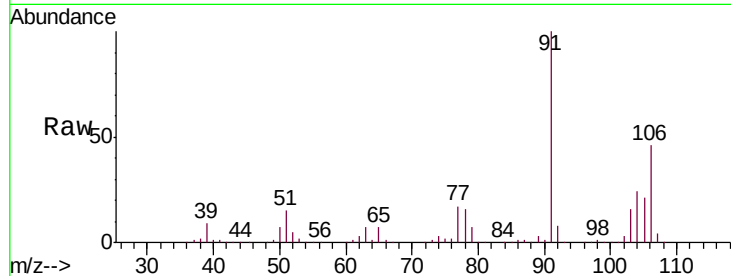
VSTD05064

Tgt Ion:106 Resp: 432131

Ion Ratio Lower Upper

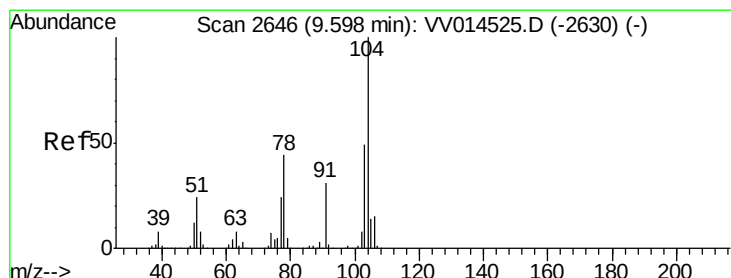
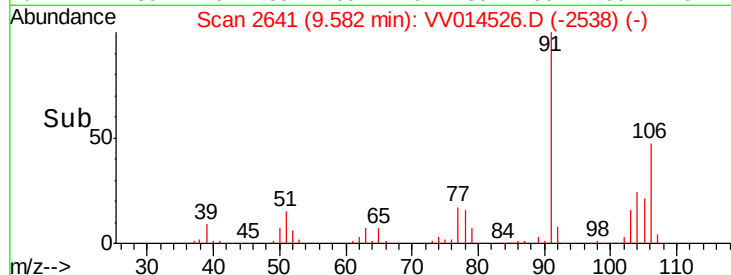
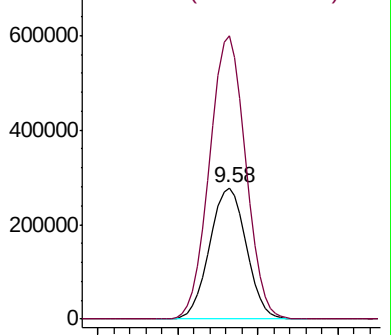
106 100

91 215.1 152.3 282.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Styrene

Concen: 46.689 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV014526.D

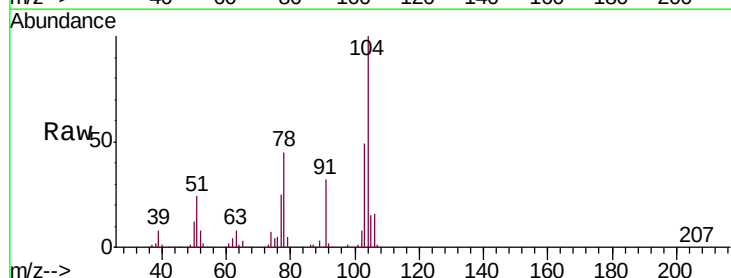
Acq: 06 Feb 2020 18:52

Tgt Ion:104 Resp: 749935

Ion Ratio Lower Upper

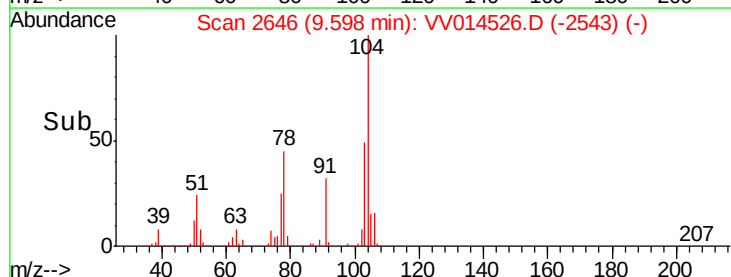
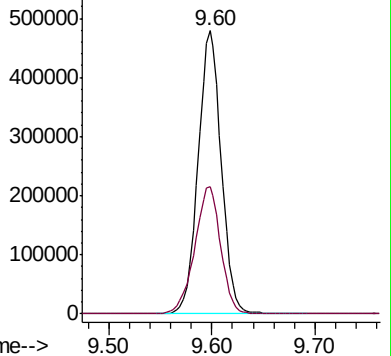
104 100

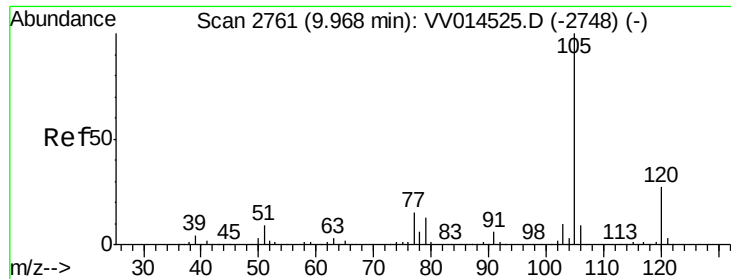
78 45.0 30.6 56.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#57

Isopropylbenzene

Concen: 45.966 ug/L

RT: 9.97 min Scan# 2761

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

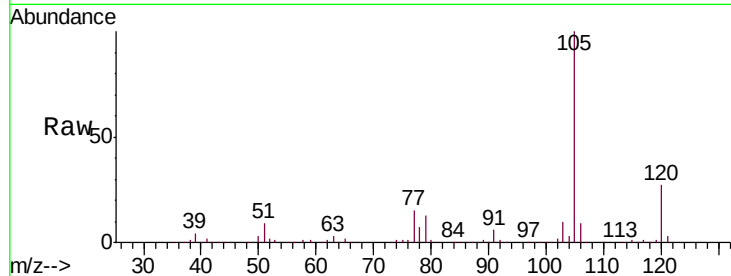
Tgt Ion: 105 Resp: 1138372

Ion Ratio Lower Upper

105 100

120 26.4 21.4 32.0

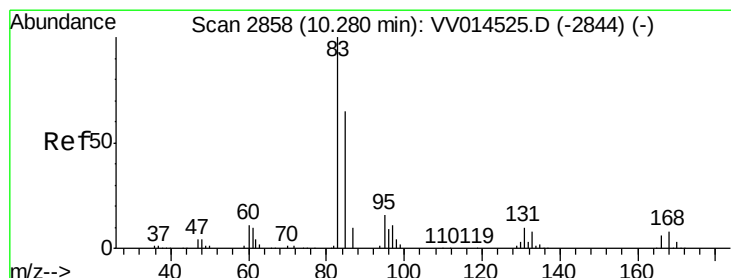
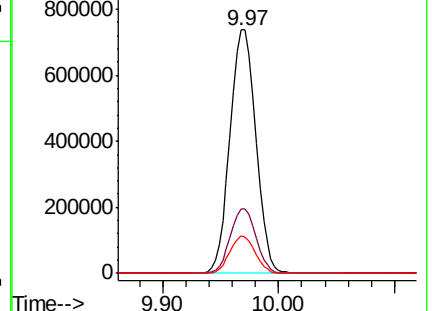
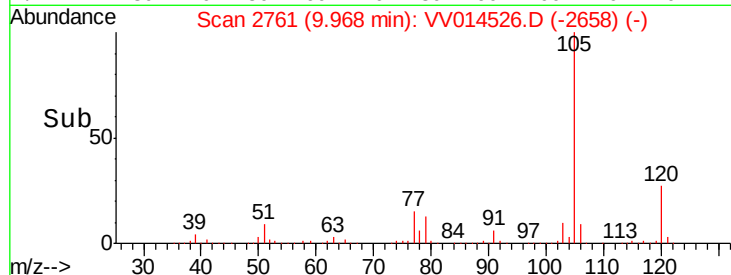
77 15.1 12.2 18.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 45.097 ug/L

RT: 10.28 min Scan# 2858

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

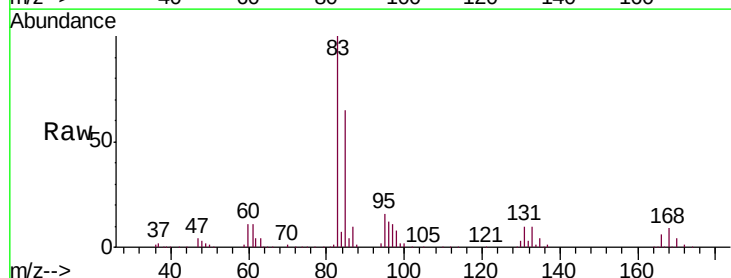
Tgt Ion: 83 Resp: 270398

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.0

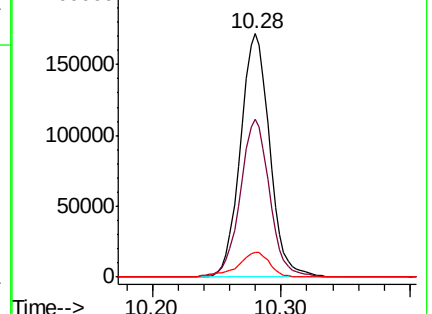
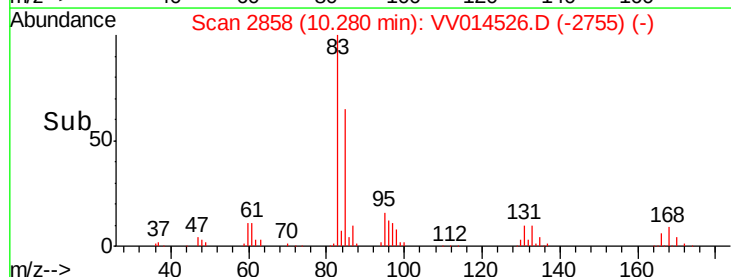
131 10.1 8.1 12.1

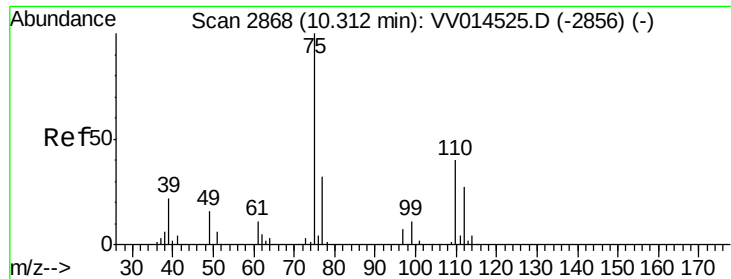


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 41.395 ug/L

RT: 10.31 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

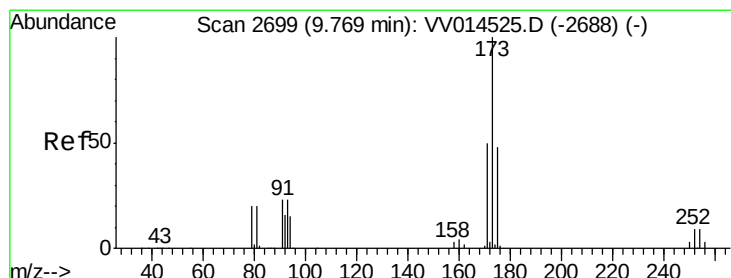
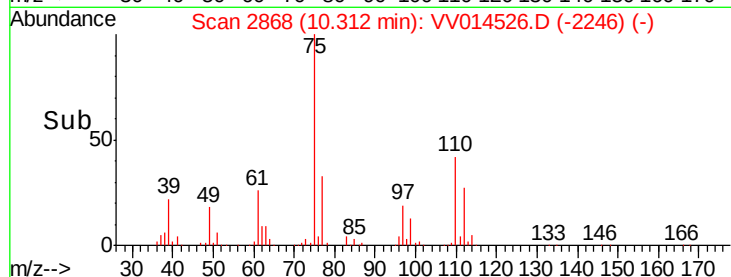
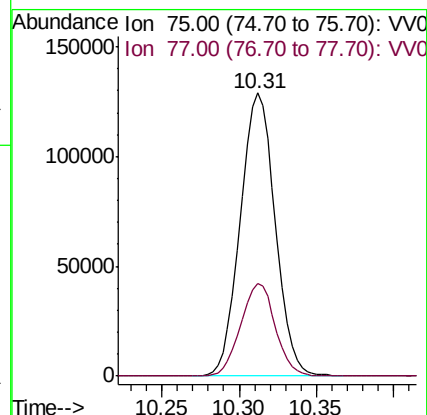
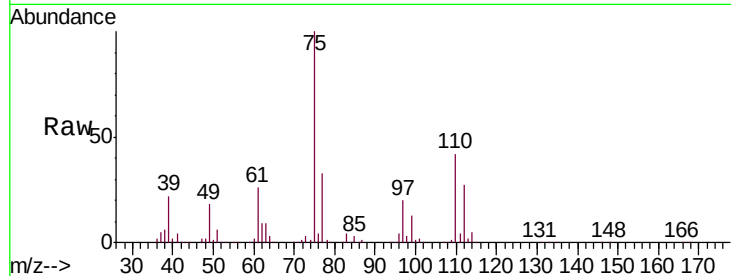
VSTD05064

Tgt Ion: 75 Resp: 202120

Ion Ratio Lower Upper

75 100

77 32.6 25.9 38.9



#62

Bromoform

Concen: 43.252 ug/L

RT: 9.77 min Scan# 2699

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

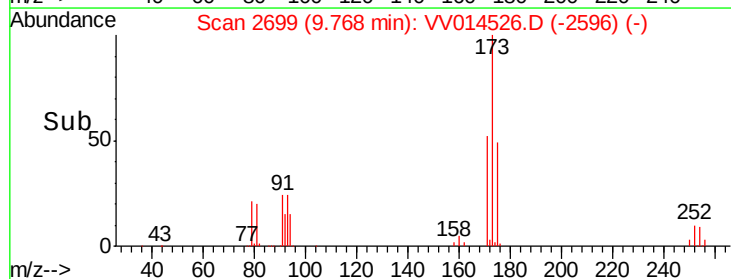
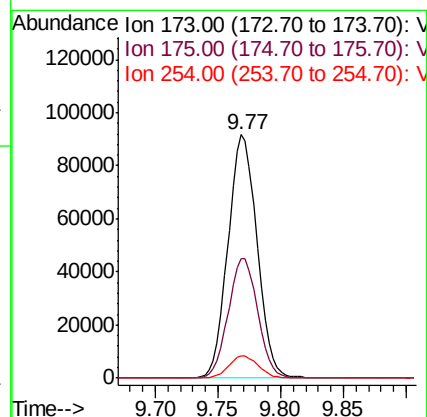
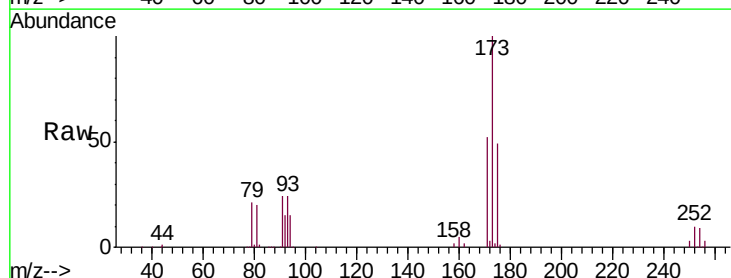
Tgt Ion: 173 Resp: 147437

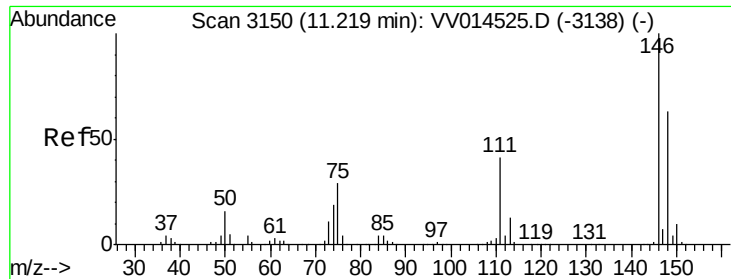
Ion Ratio Lower Upper

173 100

175 49.6 38.3 57.5

254 9.2 7.0 10.4

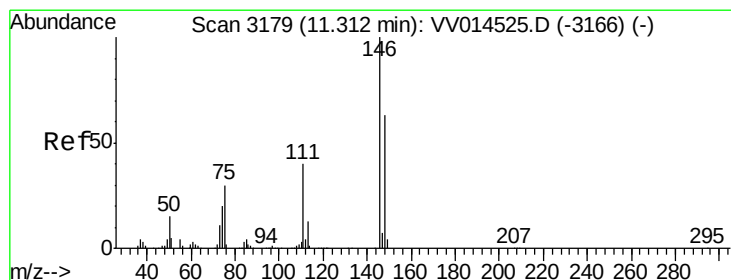
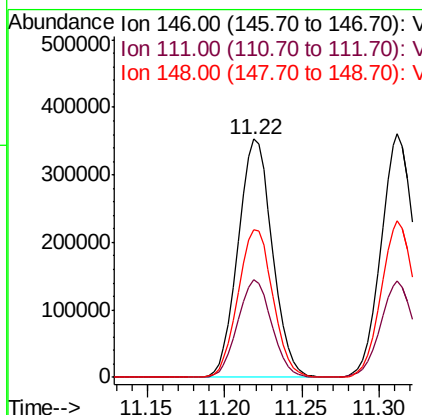
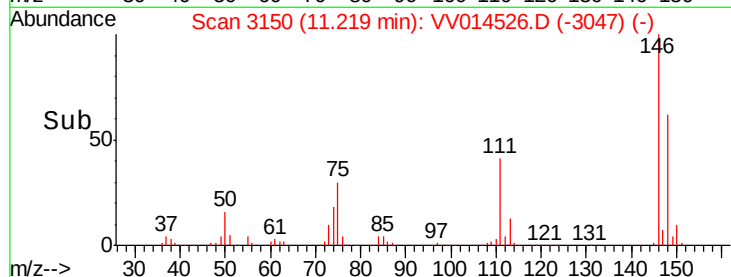
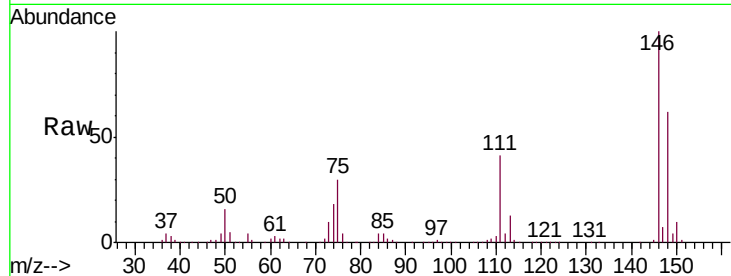




#63
 1,3-Dichlorobenzene
 Concen: 44.829 ug/L
 RT: 11.22 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

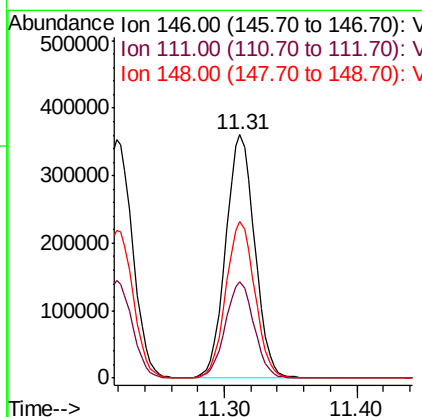
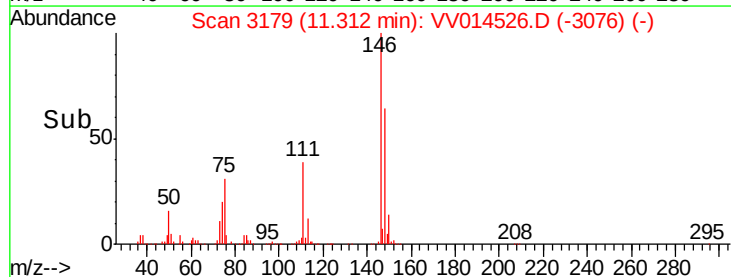
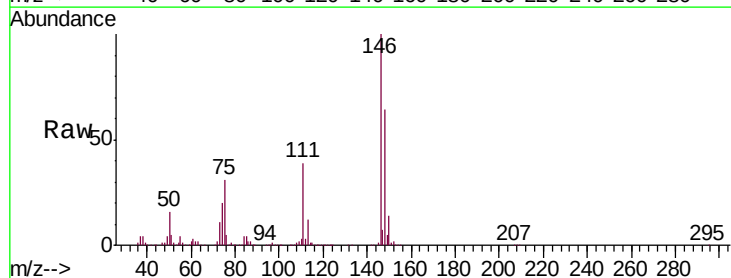
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

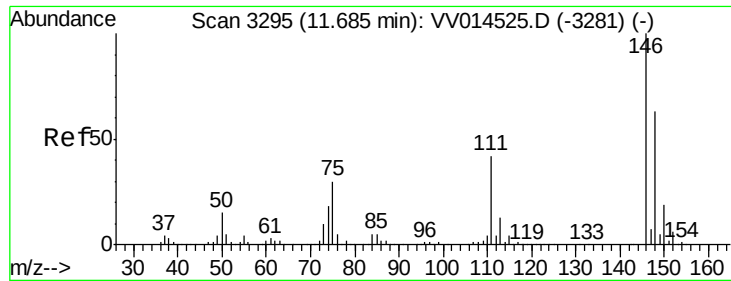
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	28.6	53.2
148	62.3	43.8	81.4



#64
 1,4-Dichlorobenzene
 Concen: 43.936 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	28.2	52.4
148	64.1	44.4	82.4

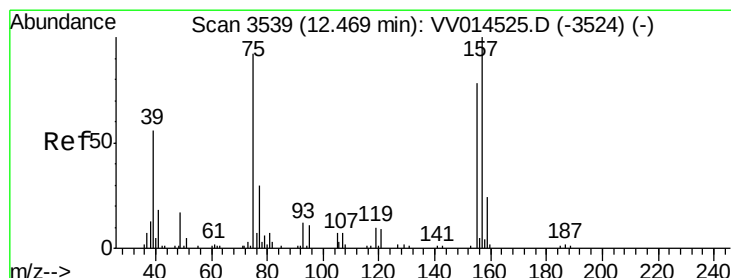
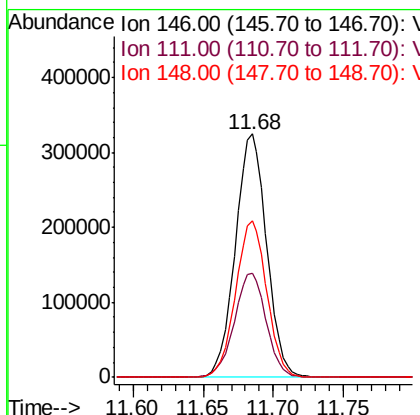
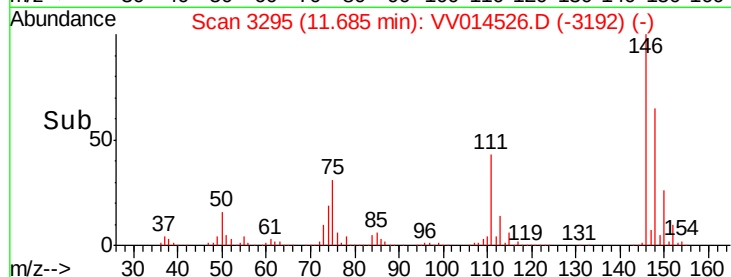
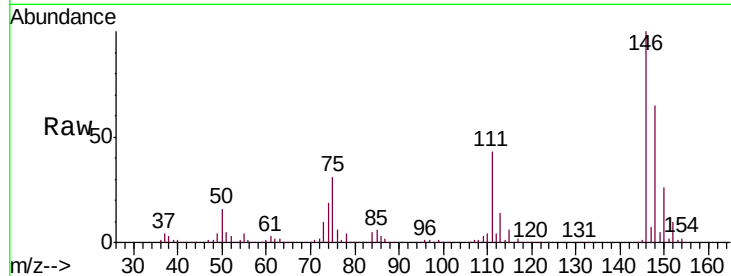




#65
 1,2-Dichlorobenzene
 Concen: 44.724 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

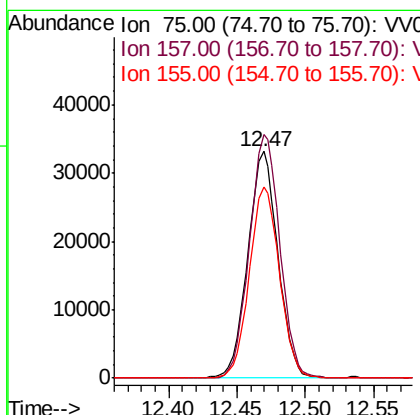
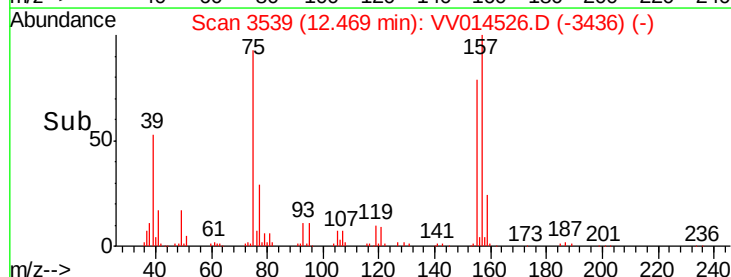
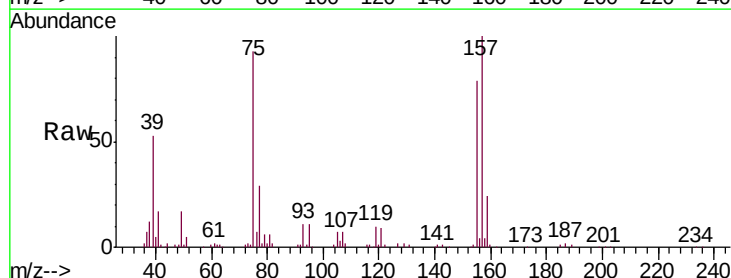
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

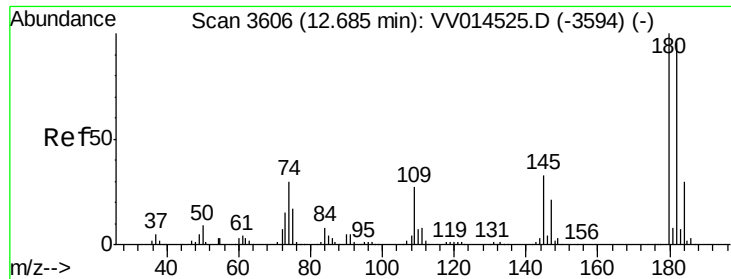
Tgt Ion: 146 Resp: 503490
 Ion Ratio Lower Upper
 146 100
 111 42.9 33.9 50.9
 148 64.5 50.4 75.6



#66
 1,2-Dibromo-3-chloropropane
 Concen: 49.083 ug/L
 RT: 12.47 min Scan# 3539
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion: 75 Resp: 50845
 Ion Ratio Lower Upper
 75 100
 157 107.3 86.6 129.8
 155 84.5 67.4 101.0

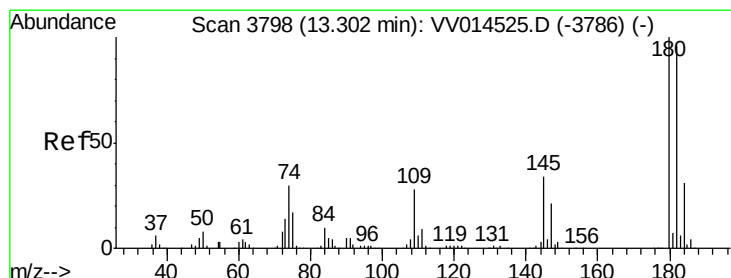
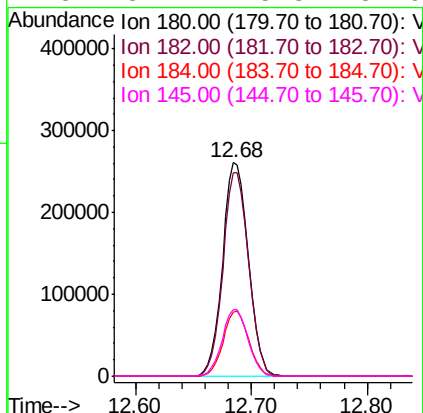
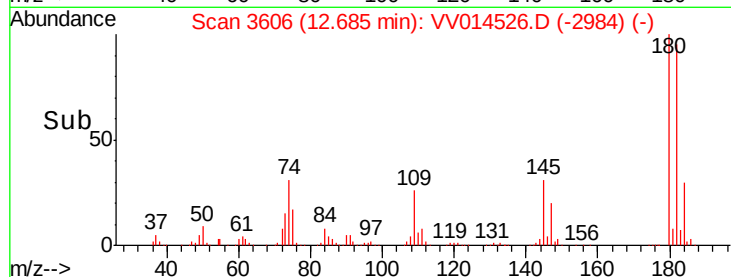
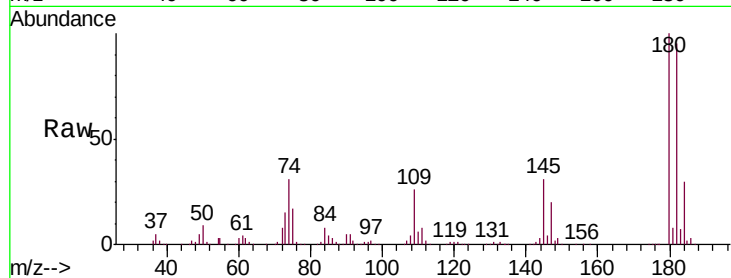




#67
 1,3,5-Trichlorobenzene
 Concen: 42.704 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

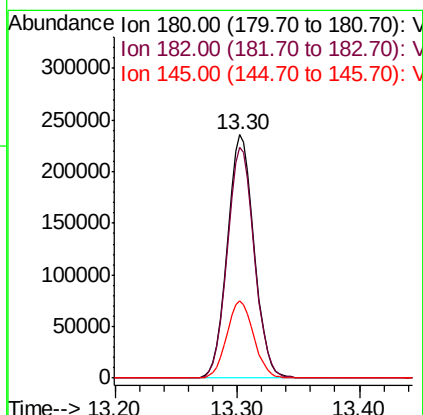
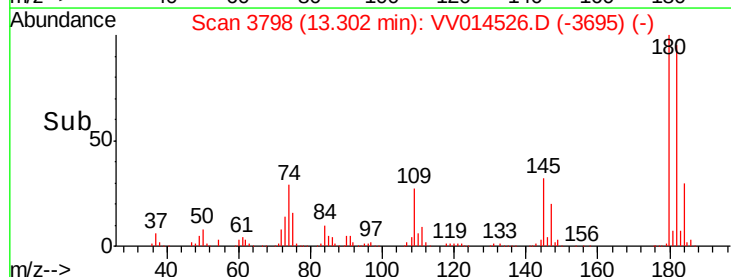
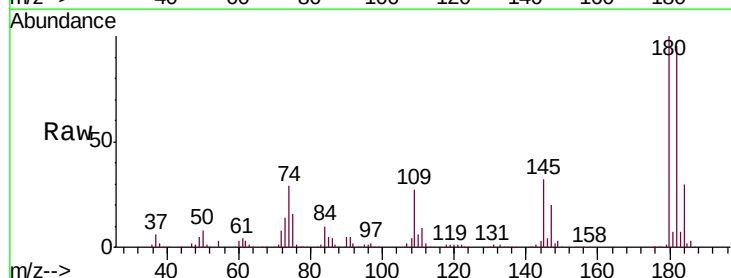
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

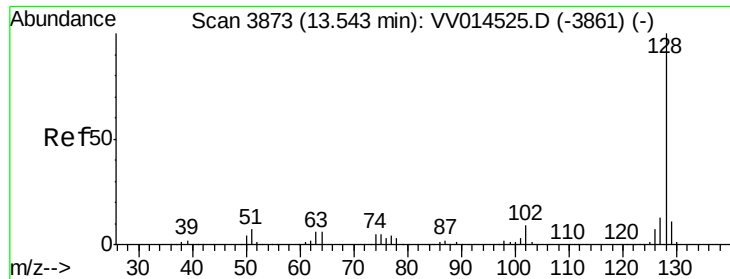
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.4	113.0
184	30.4	24.0	36.0
145	31.4	25.3	37.9



#68
 1,2,4-trichlorobenzene
 Concen: 44.408 ug/L
 RT: 13.30 min Scan# 3798
 Delta R.T. -0.00 min
 Lab File: VV014526.D
 Acq: 06 Feb 2020 18:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
145	32.1	26.8	40.2





#69

Naphthalene

Concen: 53.314 ug/L

RT: 13.54 min Scan# 3873

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

Instrument :

MSVOA_V

ClientSampleId :

VSTD05064

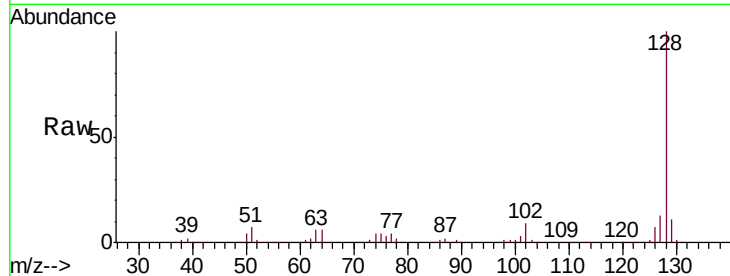
Tgt Ion:128 Resp: 858949

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

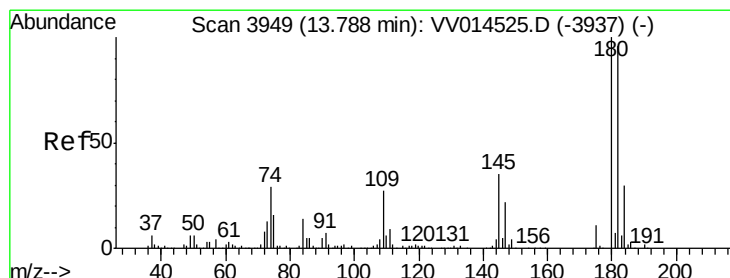
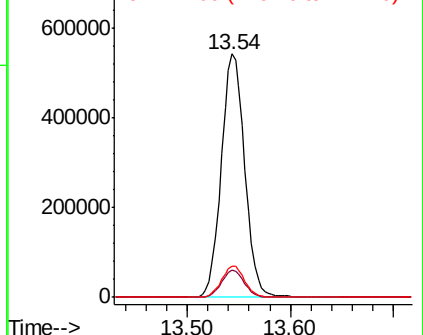
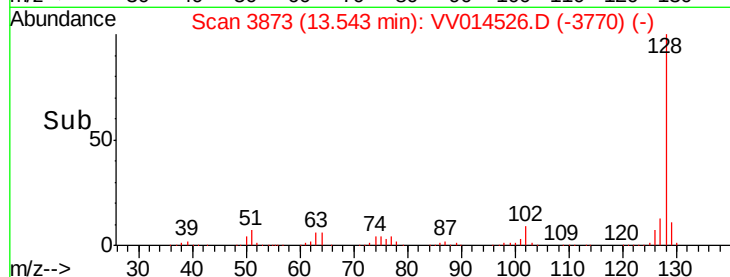
127 12.8 10.2 15.2



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: 44.022 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. -0.00 min

Lab File: VV014526.D

Acq: 06 Feb 2020 18:52

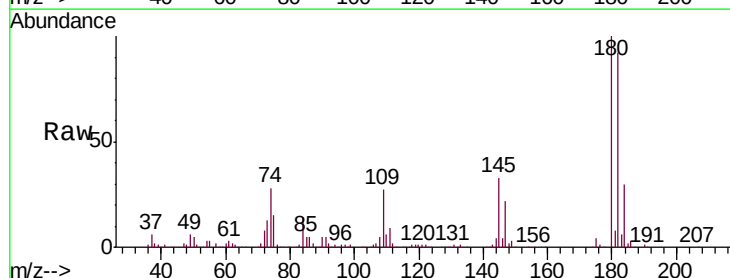
Tgt Ion:180 Resp: 330102

Ion Ratio Lower Upper

180 100

182 93.2 76.2 114.4

145 33.5 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

