

Data File : VV014650.D
Acq On : 21 Feb 2020 13:17
Operator : SY/MD
Sample : VSTD20065
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

Quant Time: Feb 21 22:34:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM022120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 22:29:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	237684	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	226831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	114056	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	207324	227.33	ug/L	0.00
7) Chloroethane-d5	1.58	69	143532	221.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	366366	233.14	ug/L	0.00
21) 2-Butanone-d5	3.92	46	366811	468.91	ug/L	-0.02
24) Chloroform-d	4.40	84	644854	234.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	410937	238.94	ug/L	0.00
32) Benzene-d6	5.10	84	1230251	220.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	361904	217.03	ug/L	0.00
41) Toluene-d8	7.36	98	1165865	217.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	217935	237.21	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	302639	448.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	484892	211.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	443774	214.18	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	341710	201.486	ug/L	100
3) Chloromethane	1.25	50	183553	132.196	ug/L	99
5) Vinyl chloride	1.33	62	195794	190.206	ug/L	100
6) Bromomethane	1.53	94	105817	201.836	ug/L	99
8) Chloroethane	1.60	64	100842	194.323	ug/L	100
9) Trichlorofluoromethane	1.77	101	405491	218.343	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	166057	209.904	ug/L	99
12) 1,1-Dichloroethene	2.14	96	148141	202.872	ug/L	93
13) Acetone	2.19	43	274168	399.441	ug/L	94
14) Carbon disulfide	2.32	76	669591	190.261	ug/L	99
15) Methyl Acetate	2.46	43	254928	206.168	ug/L	98
16) Methylene chloride	2.54	84	300176	196.151	ug/L	97
17) trans-1,2-Dichloroethene	2.79	96	282472	196.342	ug/L	96
18) Methyl tert-butyl Ether	2.80	73	971578	208.587	ug/L	99
19) 1,1-Dichloroethane	3.23	63	513478	203.098	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	332585	199.554	ug/L	97
22) 2-Butanone	4.01	43	401964	409.099	ug/L	91
23) Bromochloromethane	4.30	128	167694	204.965	ug/L	97
25) Chloroform	4.42	83	592797	209.715	ug/L	99
27) 1,2-Dichloroethane	5.17	62	454969	217.845	ug/L	98
29) Cyclohexane	4.72	56	427921	189.957	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	538198	215.145	ug/L	99
31) Carbon tetrachloride	4.87	117	489830	217.043	ug/L	98
33) Benzene	5.14	78	1160015	195.111	ug/L	100
34) Trichloroethene	5.96	95	321186	198.502	ug/L	99
35) Methylcyclohexane	6.17	83	494822	195.948	ug/L	99
37) 1,2-Dichloropropane	6.22	63	284746	193.798	ug/L	98
38) Bromodichloromethane	6.55	83	459523	210.532	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	540234	207.759	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	693017	380.107	ug/L	100

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Quant Title : VOC Analysis
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1267084	195.343	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	498278	211.287	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	303356	197.995	ug/L	98
46) Tetrachloroethene	8.02	164	246183	194.964	ug/L	98
48) 2-Hexanone	8.18	43	553404	385.065	ug/L	99
49) Dibromochloromethane	8.29	129	385528	211.186	ug/L	99
50) 1,2-Dibromoethane	8.39	107	338451	204.077	ug/L	99
51) Chlorobenzene	8.92	112	850681	195.960	ug/L	99
52) Ethylbenzene	9.05	91	1445965	196.202	ug/L	99
53) m,p-Xylene	9.18	106	552189	191.402	ug/L	98
54) o-xylene	9.58	106	532367	193.119	ug/L	98
55) Styrene	9.60	104	917404	194.390	ug/L	96
56) Isopropylbenzene	9.97	105	1438168	195.891	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	467642	193.956	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	380005	198.599	ug/L	100
61) Bromoform	9.77	173	270002	216.513	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	677066	195.381	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	690314	196.525	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	666297	195.122	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	124193	220.280	ug/L	96
67) 1,3,5-Trichlorobenzene	12.68	180	512699	204.379	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	495396	213.619	ug/L	99
69) Naphthalene	13.54	128	1646858	221.731	ug/L	99
70) 1,2,3-Trichlorobenzene	13.78	180	499169	221.164	ug/L	100

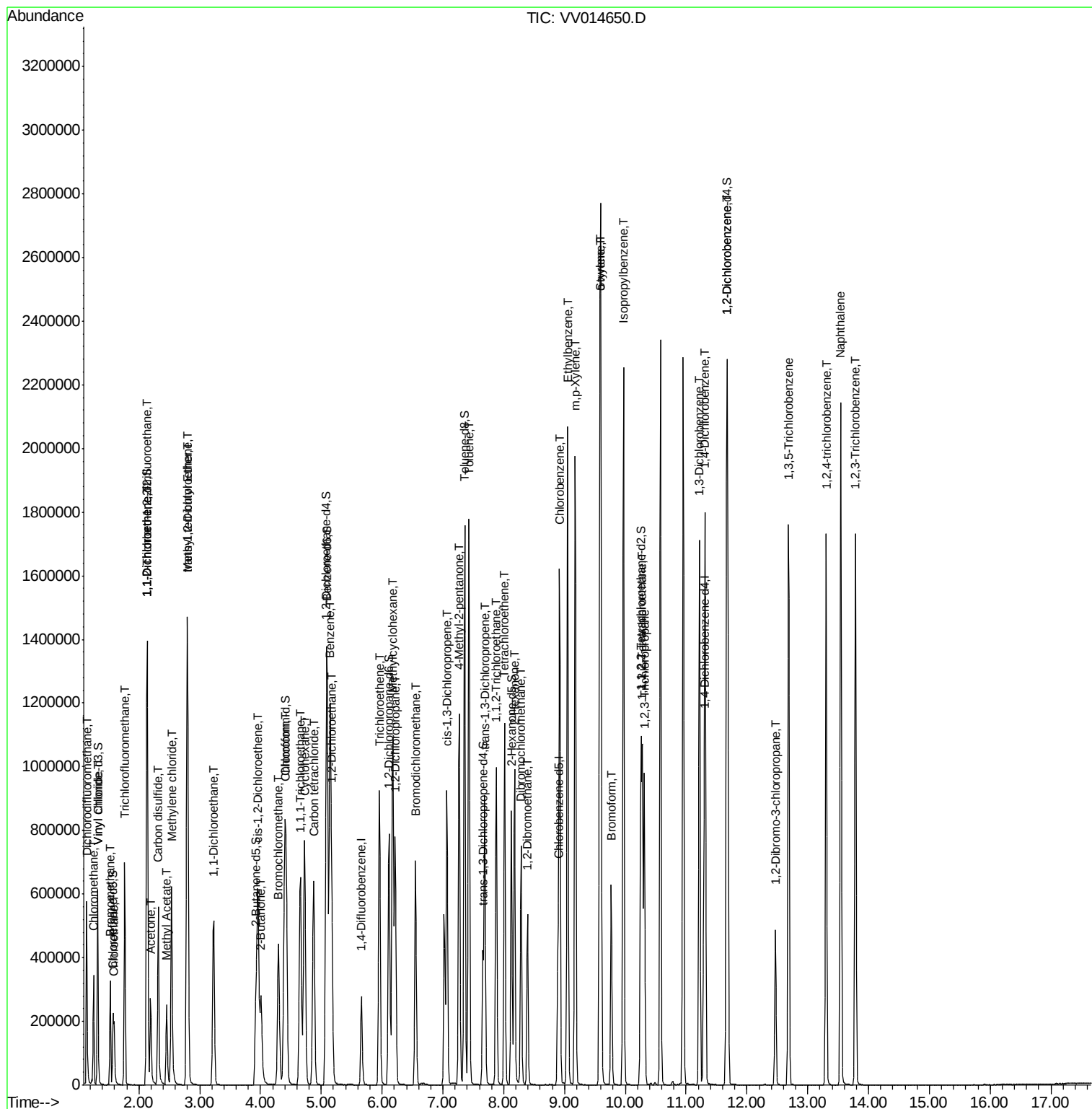
(#) = qualifier out of range (m) = manual integration (+) = signals summed

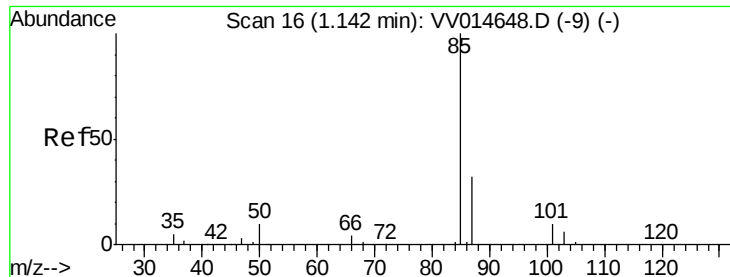
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#2

Dichlorodifluoromethane

Concen: 201.486 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

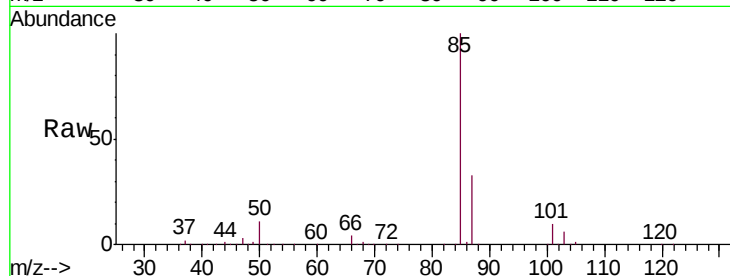
VSTD20065

Tgt Ion: 85 Resp: 341710

Ion Ratio Lower Upper

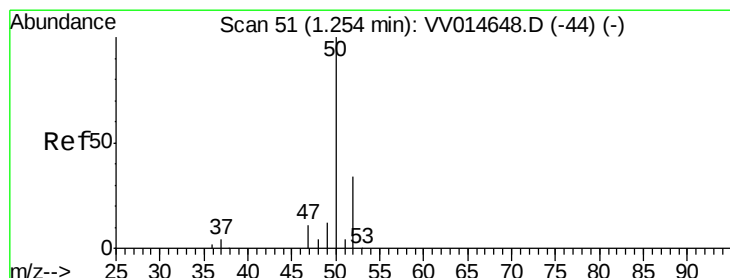
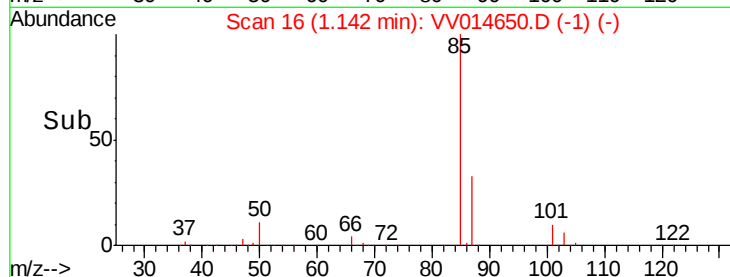
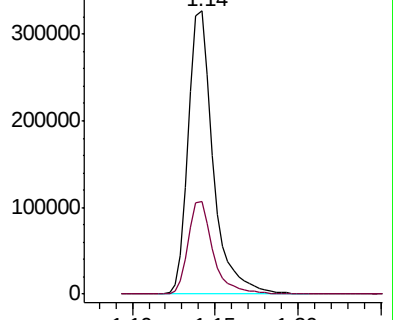
85 100

87 32.8 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV014648.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VV014648.D (-9) (-)



#3

Chloromethane

Concen: 132.196 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014650.D

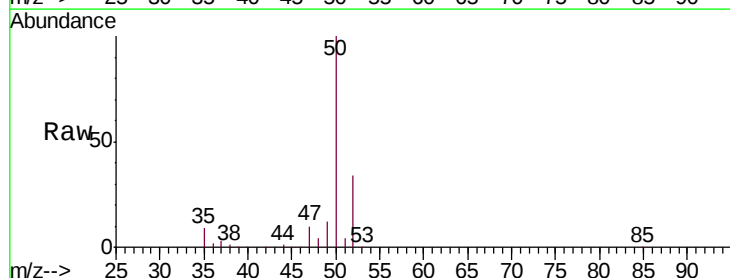
Acq: 21 Feb 2020 13:17

Tgt Ion: 50 Resp: 183553

Ion Ratio Lower Upper

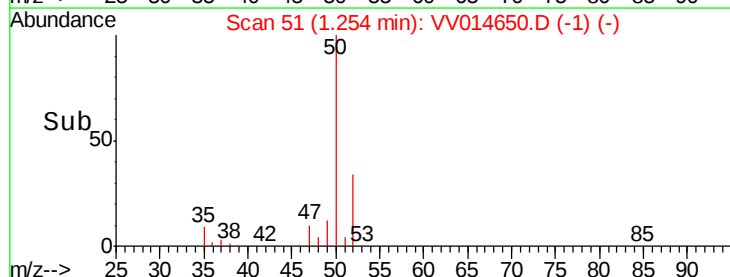
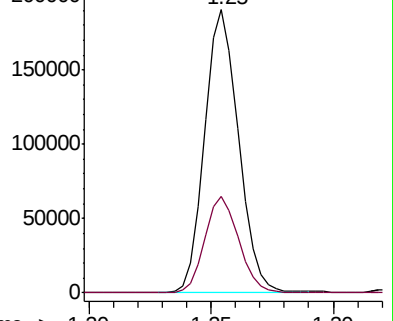
50 100

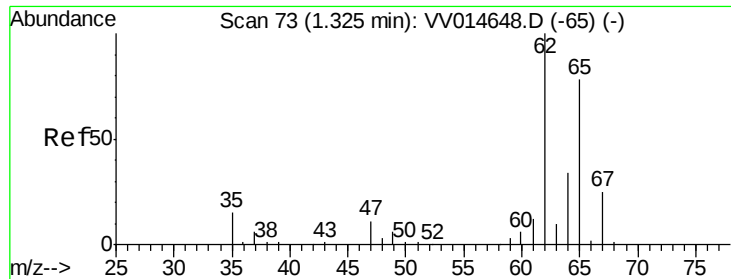
52 34.1 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VV014648.D (-44) (-)

Ion 52.00 (51.70 to 52.70): VV014648.D (-44) (-)

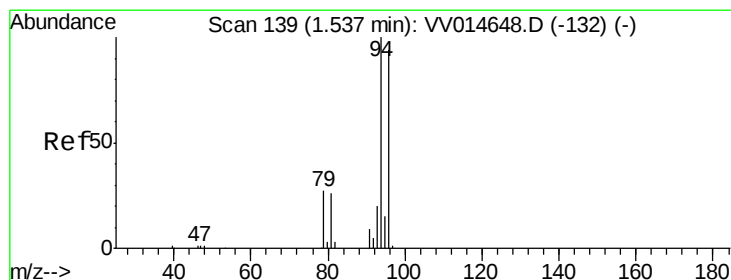
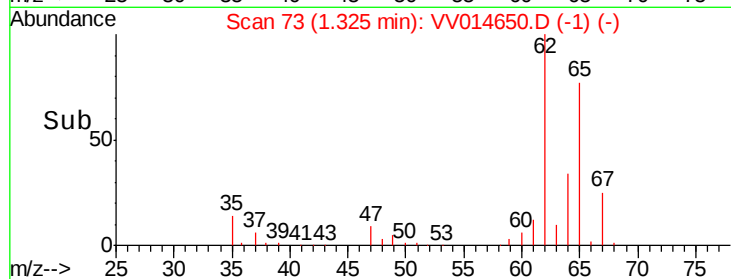
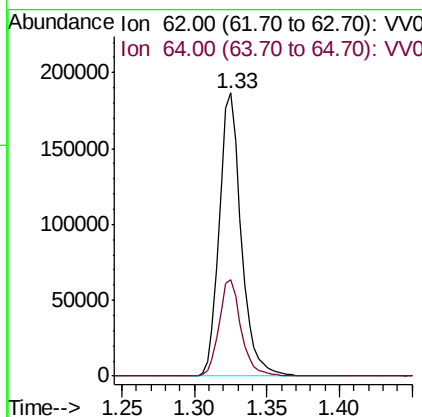
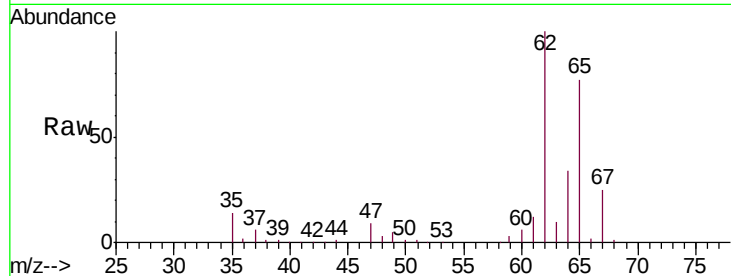




#5
 Vinyl chloride
 Concen: 190.206 ug/L
 RT: 1.33 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

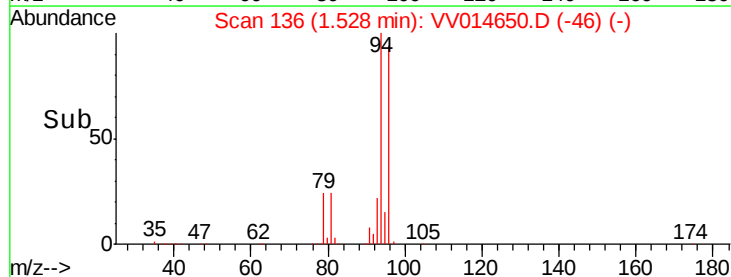
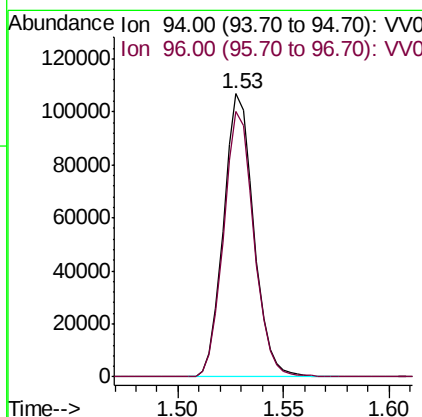
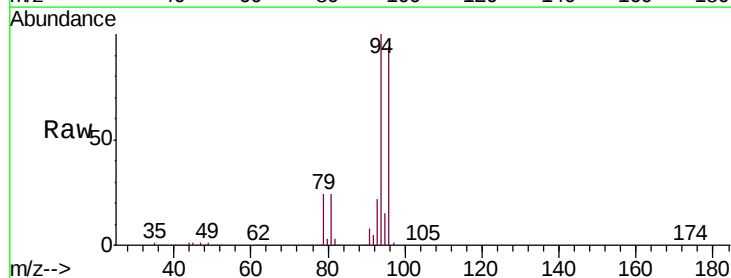
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

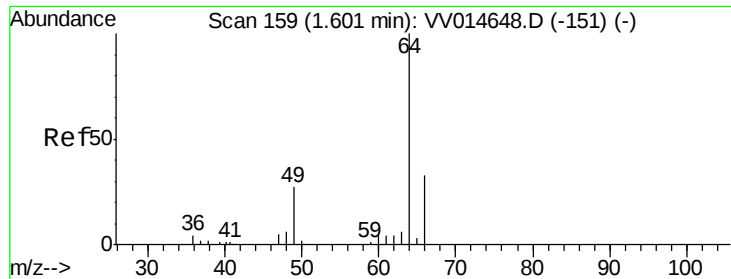
Tgt Ion: 62 Resp: 195794
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.8 44.2



#6
 Bromomethane
 Concen: 201.836 ug/L
 RT: 1.53 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

Tgt Ion: 94 Resp: 105817
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.1 122.7





#8

Chloroethane

Concen: 194.323 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.01 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

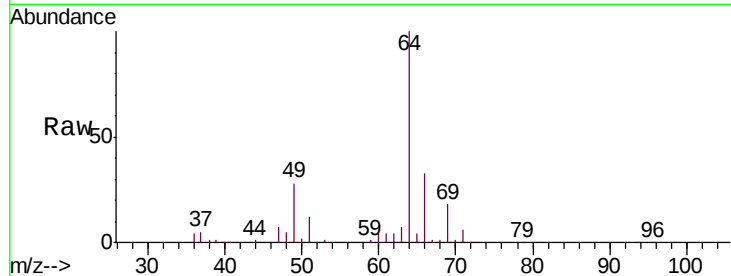
VSTD20065

Tgt Ion: 64 Resp: 100842

Ion Ratio Lower Upper

64 100

66 33.0 23.2 43.2



Abundance Ion 64.00 (63.70 to 64.70): VV014648.D (-151) (-)

Ion 66.00 (65.70 to 66.70): VV014648.D (-151) (-)

1.60

80000

60000

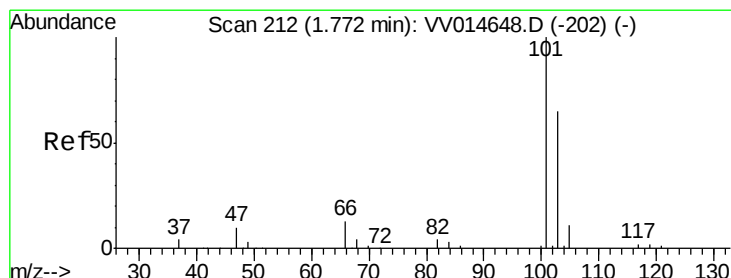
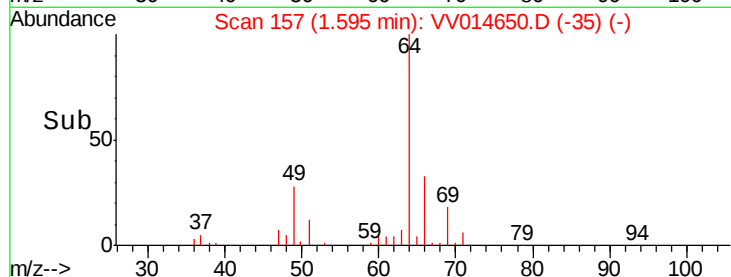
40000

20000

0

1.50 1.55 1.60 1.65 1.70

Time-->



#9

Trichlorofluoromethane

Concen: 218.343 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.01 min

Lab File: VV014650.D

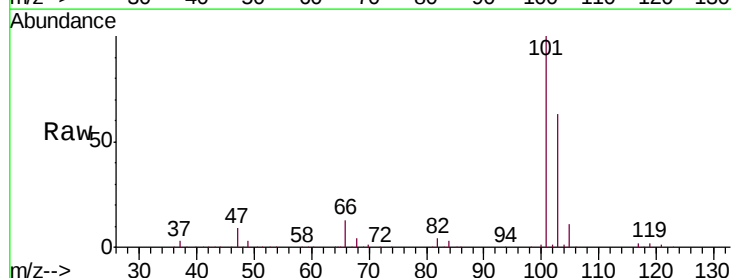
Acq: 21 Feb 2020 13:17

Tgt Ion: 101 Resp: 405491

Ion Ratio Lower Upper

101 100

103 64.1 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV014648.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV014648.D (-202) (-)

1.77

300000

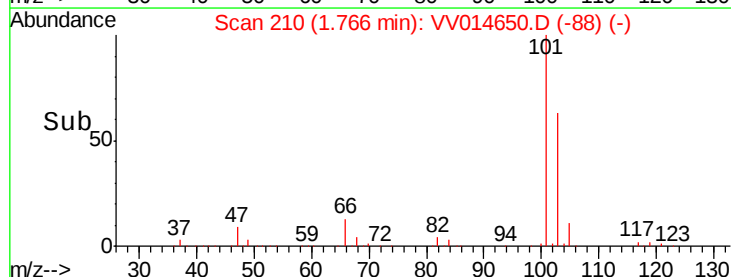
200000

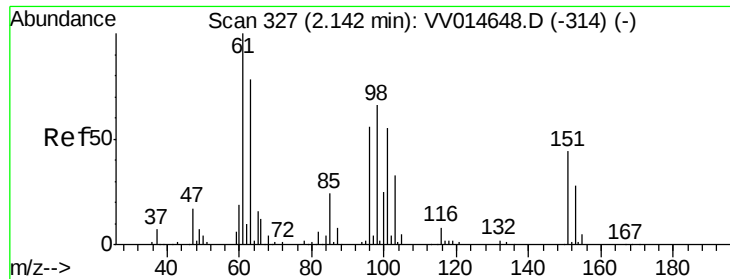
100000

0

1.70 1.75 1.80 1.85

Time-->





#10

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

Concen: 209.904 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

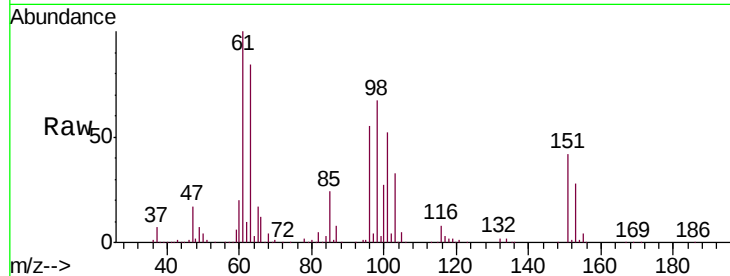
Tgt Ion: 101 Resp: 166057

Ion Ratio Lower Upper

101 100

85 46.3 37.3 55.9

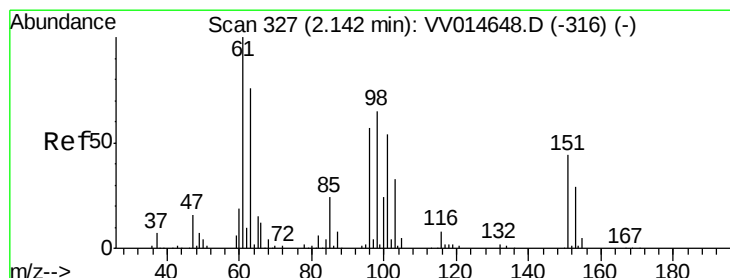
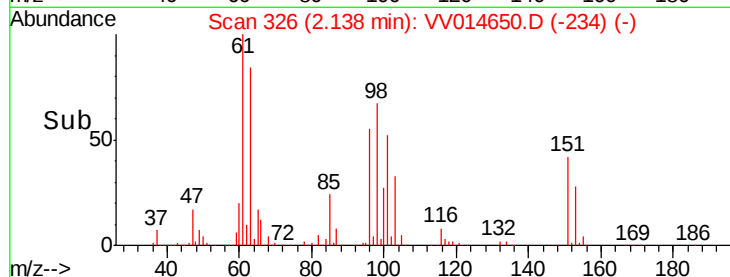
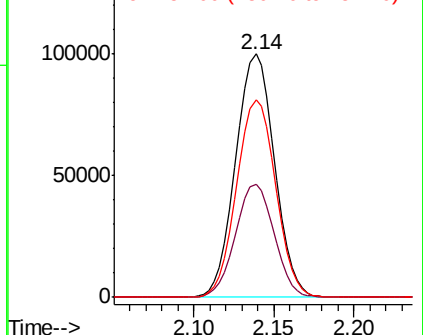
151 81.8 64.6 96.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 202.872 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

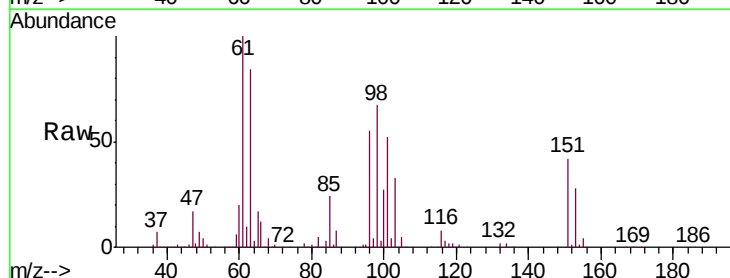
Tgt Ion: 96 Resp: 148141

Ion Ratio Lower Upper

96 100

61 183.3 124.5 231.1

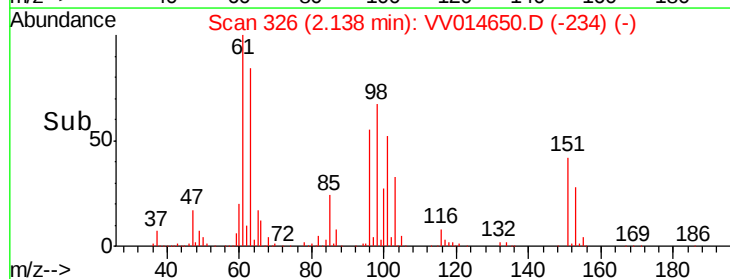
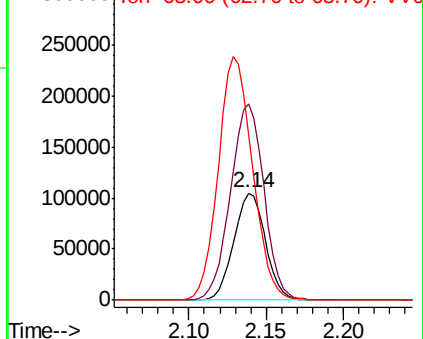
63 154.4 98.1 182.1

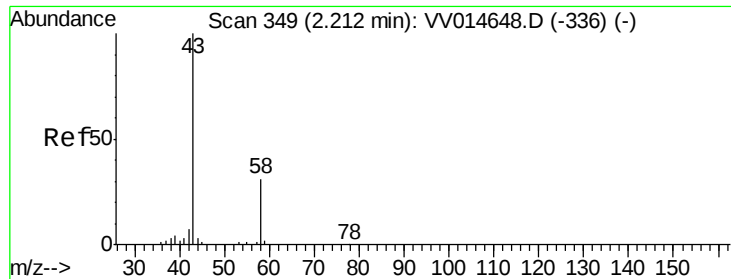


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 399.441 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.02 min

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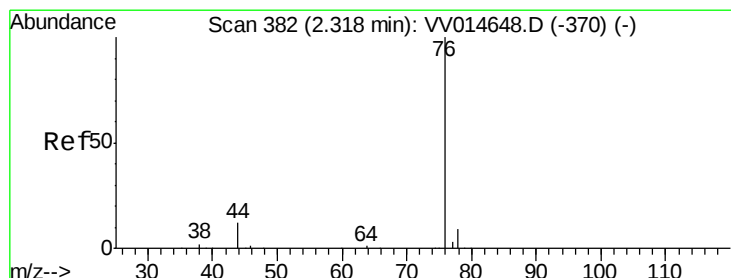
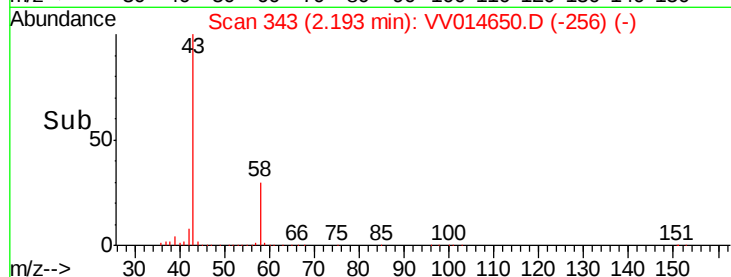
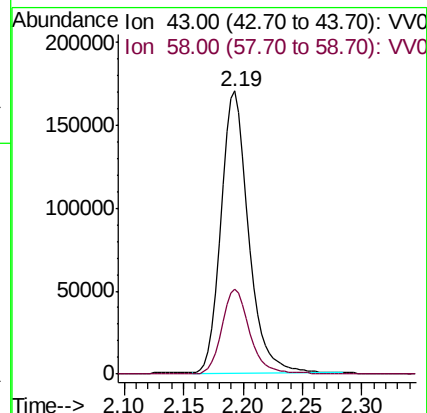
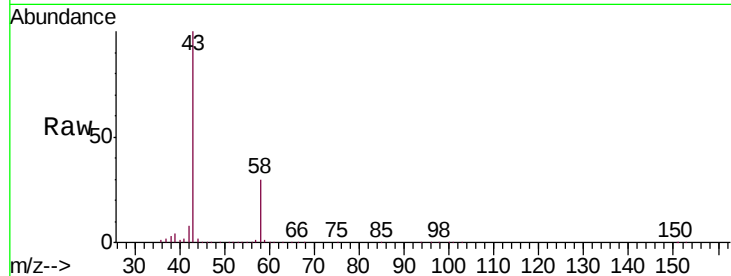
VSTD20065

Tgt Ion: 43 Resp: 274168

Ion Ratio Lower Upper

43 100

58 30.2 0.0 66.8



#14

Carbon disulfide

Concen: 190.261 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014650.D

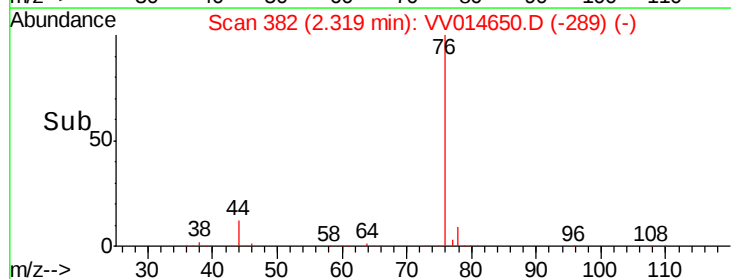
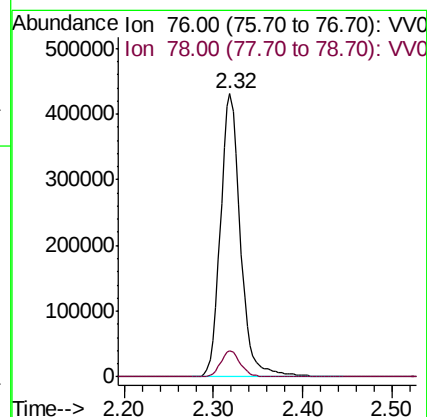
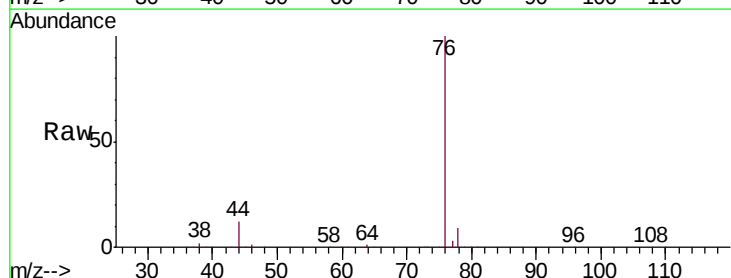
Acq: 21 Feb 2020 13:17

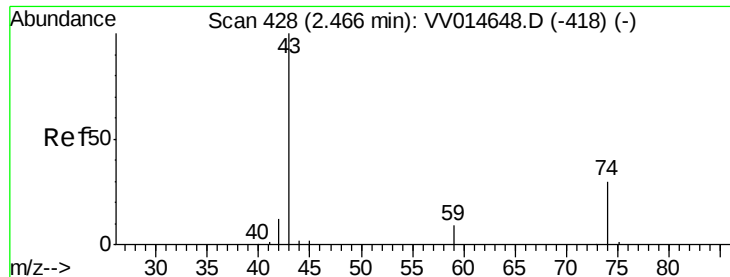
Tgt Ion: 76 Resp: 669591

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methyl Acetate

Concen: 206.168 ug/L

RT: 2.46 min Scan# 425

Delta R.T. -0.01 min

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Acq: 21 Feb 2020 13:17

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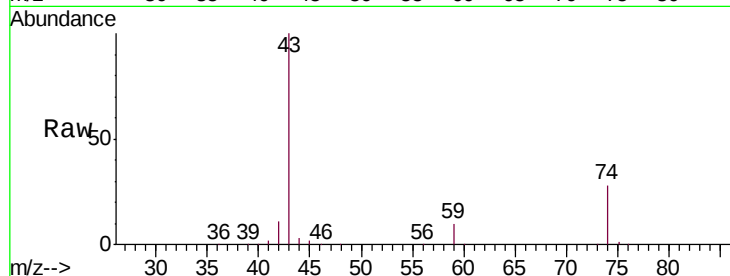
VSTD20065

Tgt Ion: 43 Resp: 254928

Ion Ratio Lower Upper

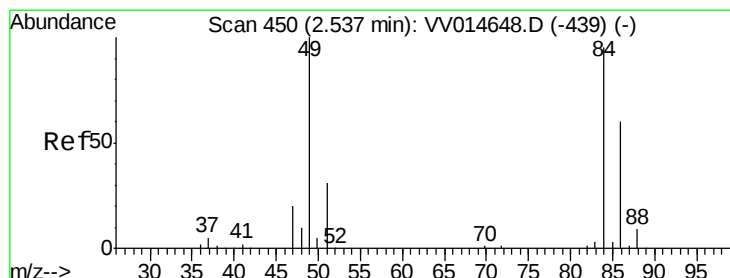
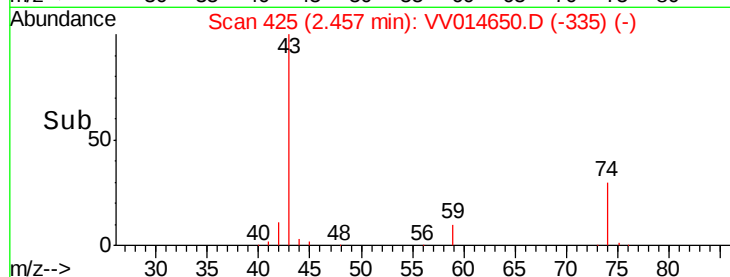
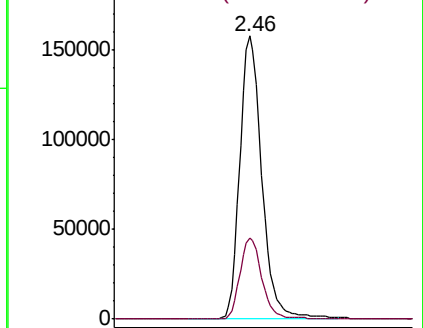
43 100

74 28.4 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 196.151 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

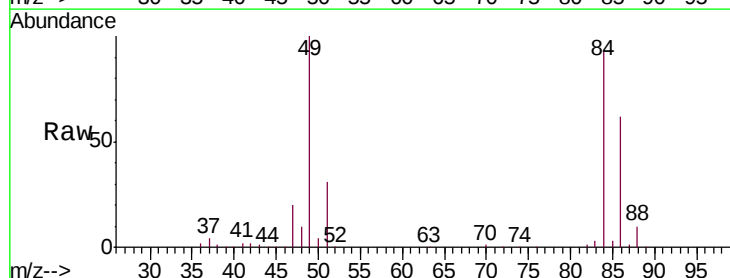
Tgt Ion: 84 Resp: 300176

Ion Ratio Lower Upper

84 100

86 66.2 44.4 82.4

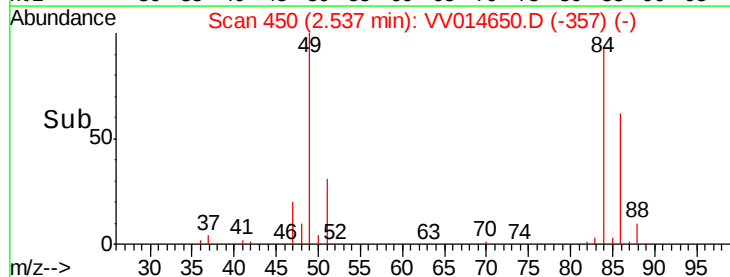
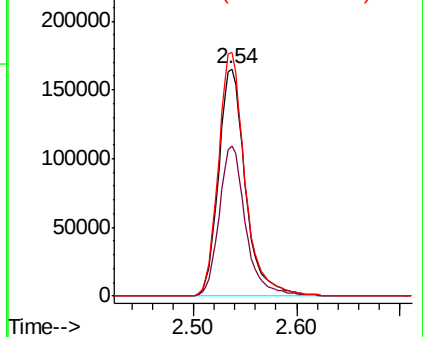
49 107.2 73.6 136.8

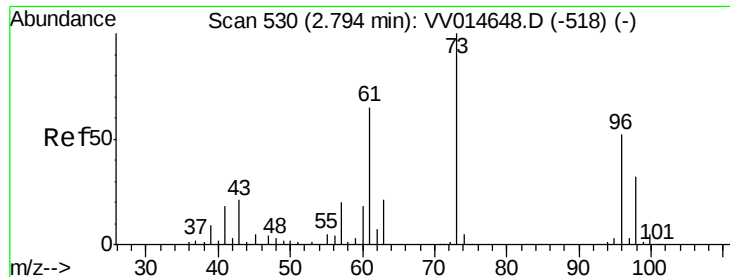


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#17

trans-1,2-Dichloroethene

Concen: 196.342 ug/L

RT: 2.79 min Scan# 529

Delta R.T. -0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

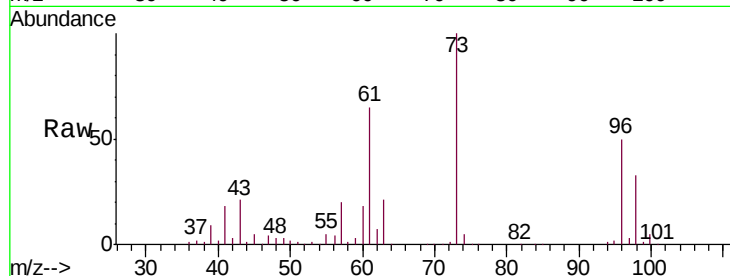
Tgt Ion: 96 Resp: 282472

Ion Ratio Lower Upper

96 100

61 130.0 88.1 163.7

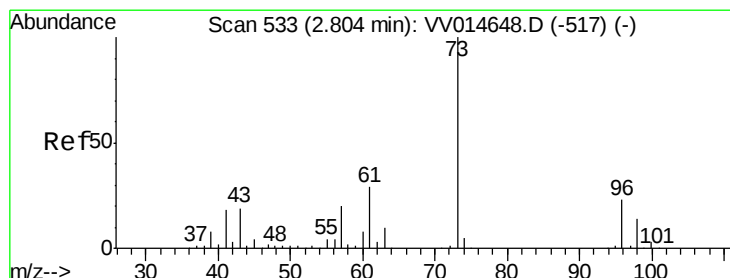
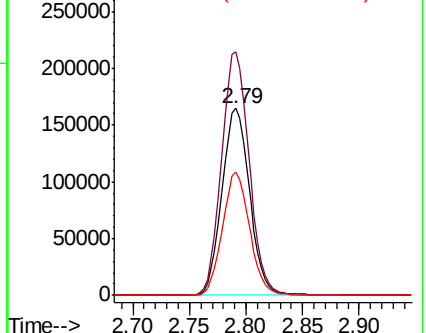
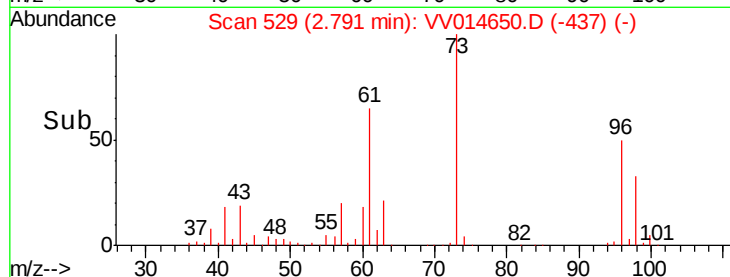
98 65.7 43.7 81.1



Abundance Ion 96.00 (95.70 to 96.70): VV014650.D (-437) (-)

Ion 61.00 (60.70 to 61.70): VV014650.D (-437) (-)

Ion 98.00 (97.70 to 98.70): VV014650.D (-437) (-)



#18

Methyl tert-butyl Ether

Concen: 208.587 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

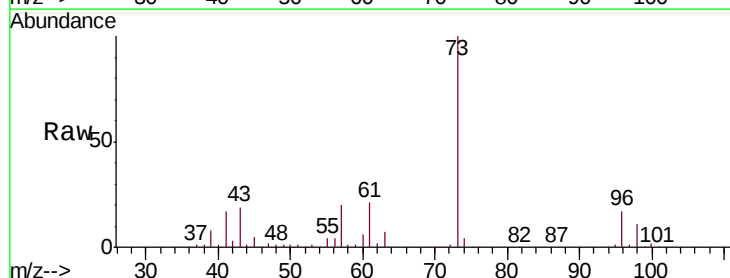
Tgt Ion: 73 Resp: 971578

Ion Ratio Lower Upper

73 100

43 19.3 15.6 23.4

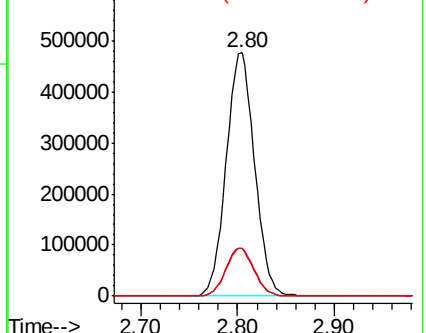
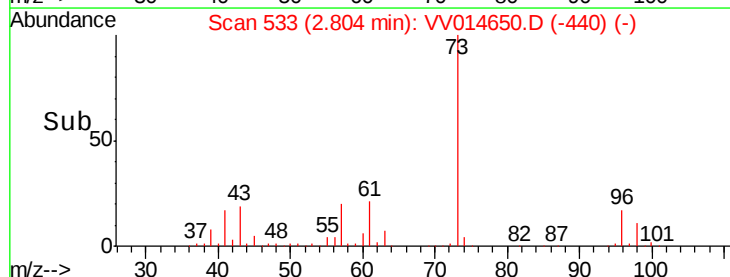
57 19.8 16.1 24.1

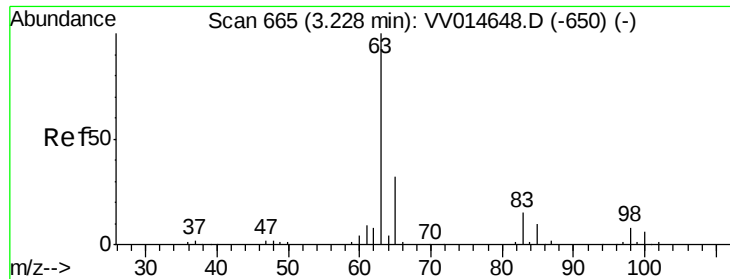


Abundance Ion 73.00 (72.70 to 73.70): VV014650.D (-440) (-)

Ion 43.00 (42.70 to 43.70): VV014650.D (-440) (-)

Ion 57.00 (56.70 to 57.70): VV014650.D (-440) (-)

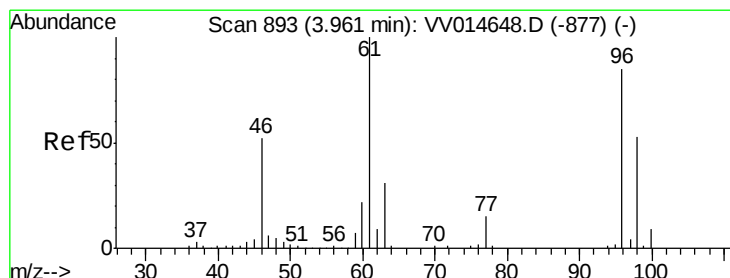
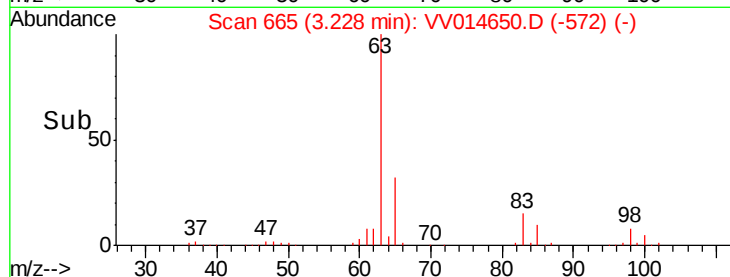
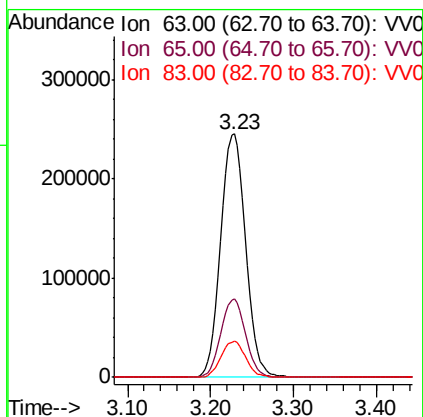
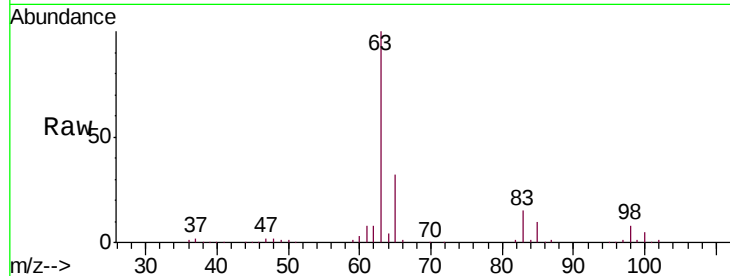




#19
 1,1-Dichloroethane
 Concen: 203.098 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

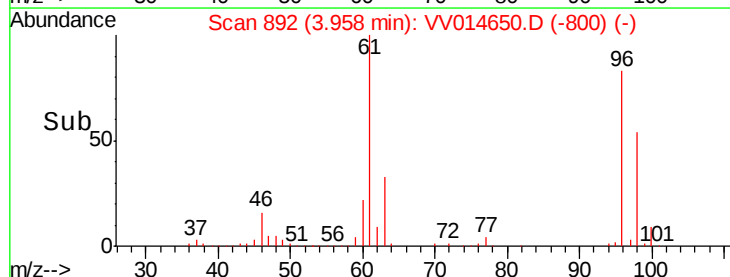
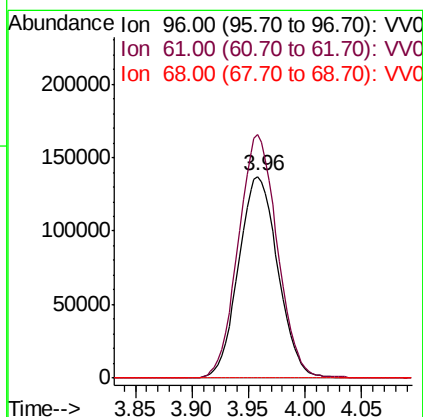
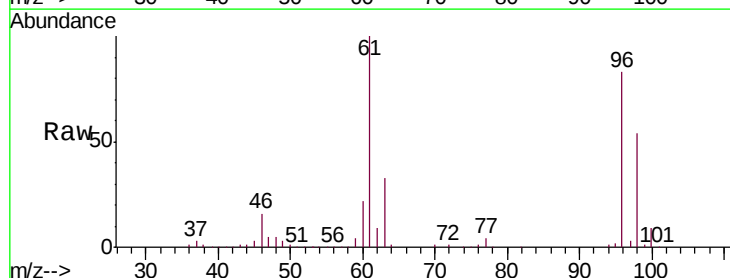
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

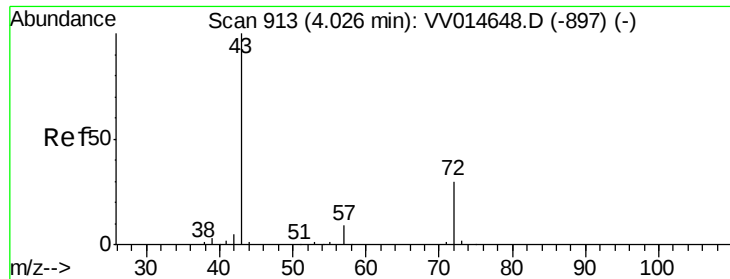
Tgt Ion: 63 Resp: 513478
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.6 42.0
 83 14.7 10.3 19.1



#20
 cis-1,2-Dichloroethene
 Concen: 199.554 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

Tgt Ion: 96 Resp: 332585
 Ion Ratio Lower Upper
 96 100
 61 120.7 82.4 153.0
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 409.099 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.02 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

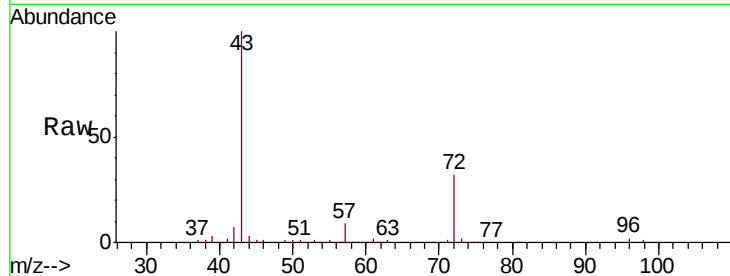
VSTD20065

Tgt Ion: 43 Resp: 401964

Ion Ratio Lower Upper

43 100

72 32.8 14.1 42.3



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-897) (-)

Ion 72.00 (71.70 to 72.70): VV014648.D (-897) (-)

4.01

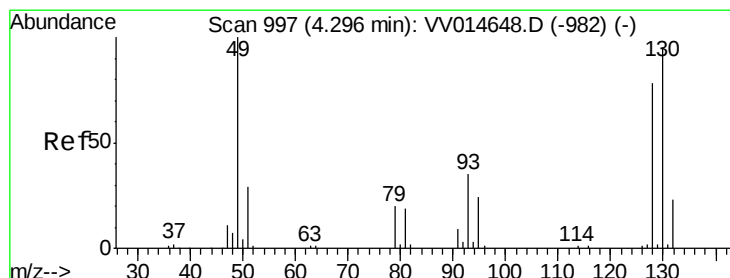
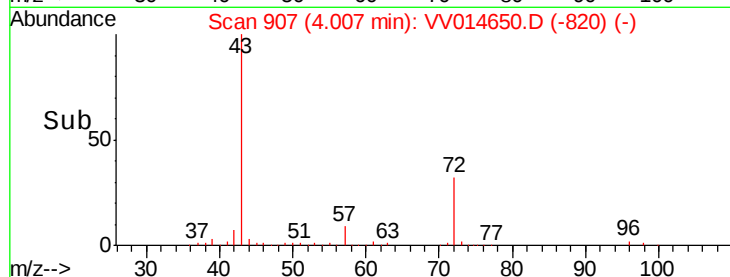
150000

100000

50000

0

Time-->



#23

Bromochloromethane

Concen: 204.965 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Tgt Ion: 128 Resp: 167694

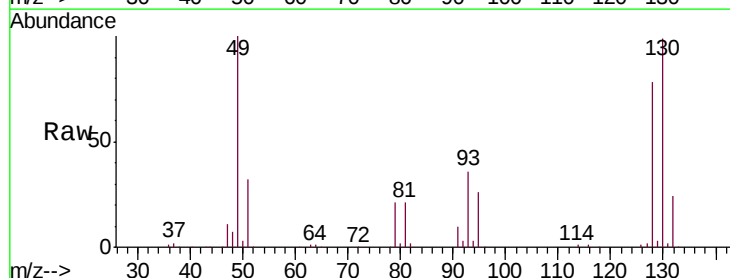
Ion Ratio Lower Upper

128 100

49 128.2 89.7 166.5

130 127.3 85.0 158.0

51 41.3 30.0 45.0



Abundance Ion 128.00 (127.70 to 128.70): VV014650.D (-904) (-)

Ion 49.00 (48.70 to 49.70): VV014650.D (-904) (-)

Ion 130.00 (129.70 to 130.70): VV014650.D (-904) (-)

Ion 51.00 (50.70 to 51.70): VV014650.D (-904) (-)

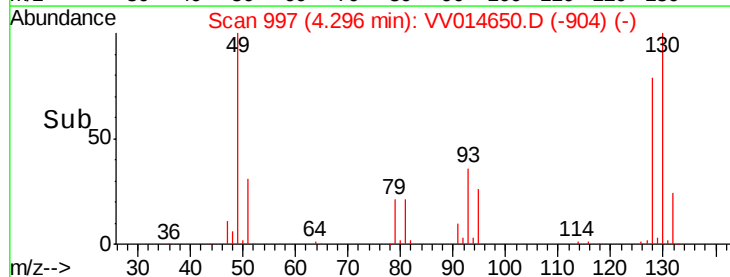
4.30

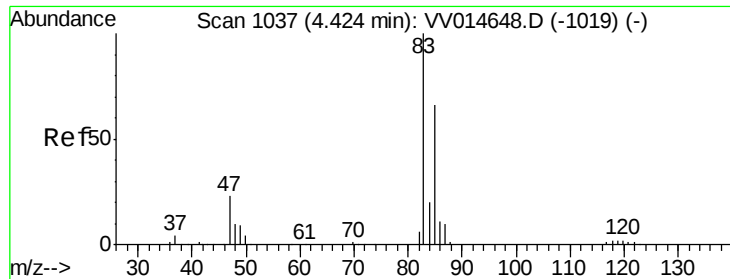
100000

50000

0

Time-->

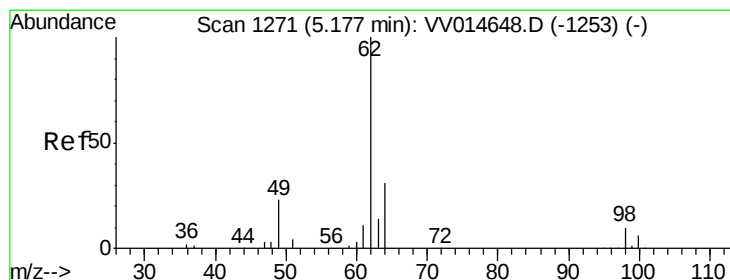
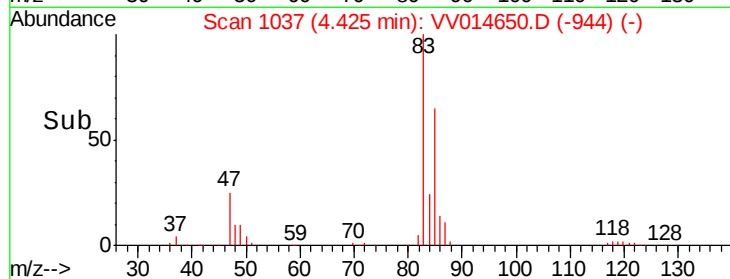
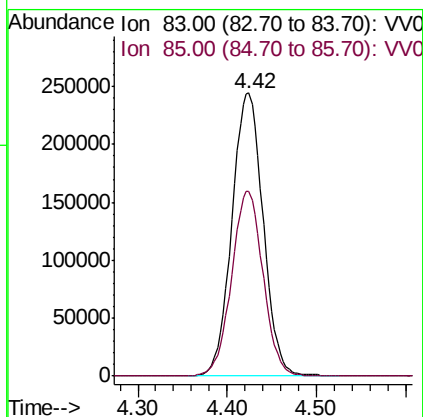
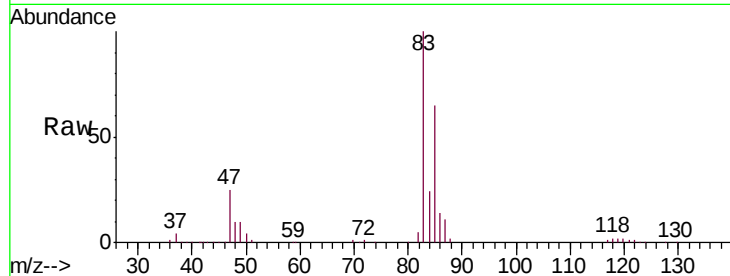




#25
Chloroform
Concen: 209.715 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

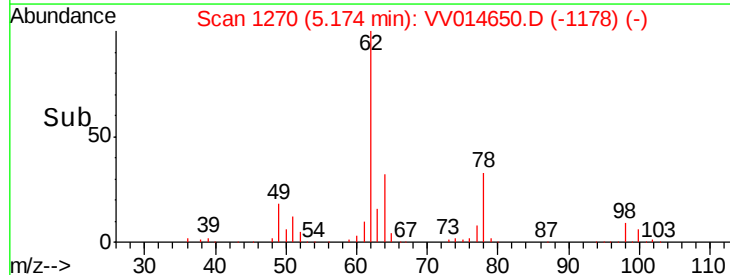
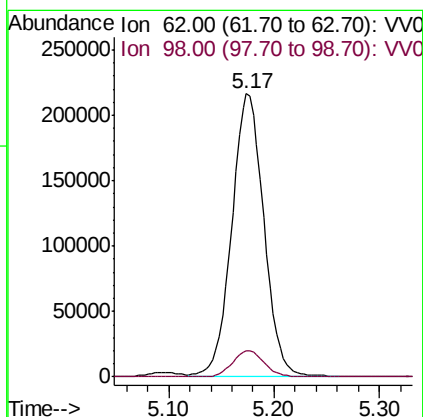
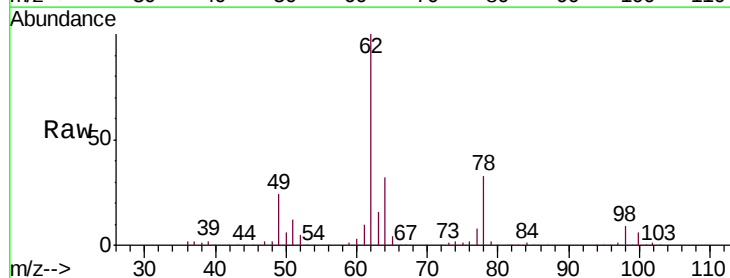
Instrument :
MSVOA_V
ClientSampled :
VSTD20065

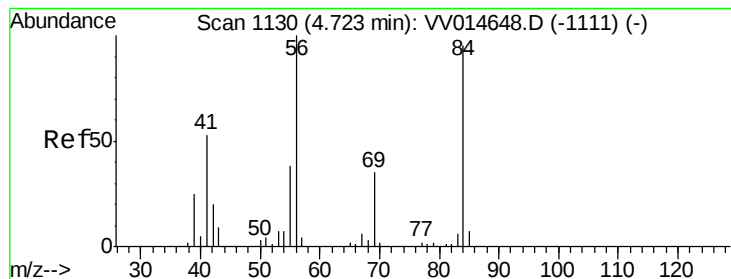
Tgt Ion: 83 Resp: 592797
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.7



#27
1,2-Dichloroethane
Concen: 217.845 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

Tgt Ion: 62 Resp: 454969
Ion Ratio Lower Upper
62 100
98 9.0 7.8 11.6





#29

Cyclohexane

Concen: 189.957 ug/L

RT: 4.72 min Scan# 1130

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

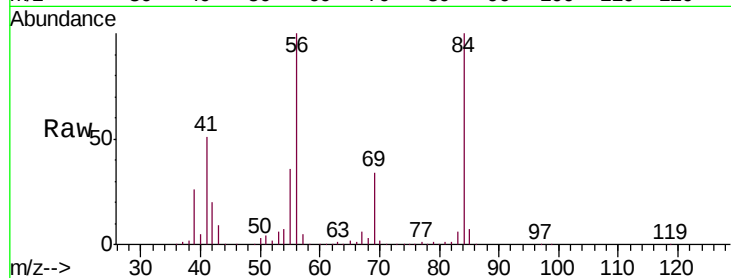
Tgt Ion: 56 Resp: 427921

Ion Ratio Lower Upper

56 100

69 33.4 26.9 40.3

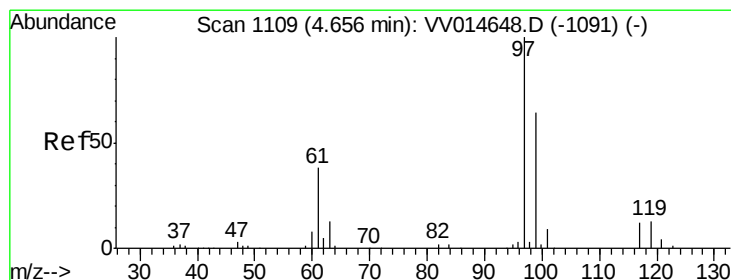
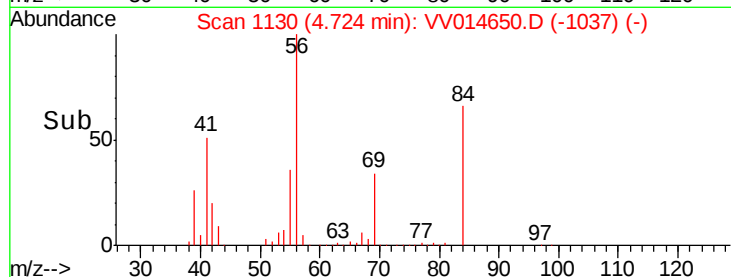
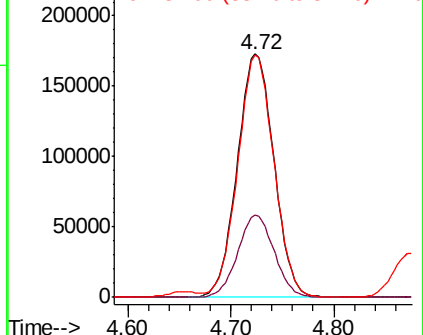
84 98.2 78.2 117.2



Abundance Ion 56.00 (55.70 to 56.70): VV014648.D (-1111) (-)

Ion 69.00 (68.70 to 69.70): VV014648.D (-1111) (-)

Ion 84.00 (83.70 to 84.70): VV014648.D (-1111) (-)



#30

1,1,1-Trichloroethane

Concen: 215.145 ug/L

RT: 4.66 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

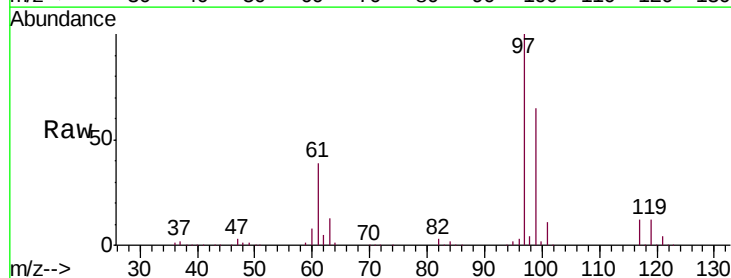
Tgt Ion: 97 Resp: 538198

Ion Ratio Lower Upper

97 100

99 64.0 52.0 78.0

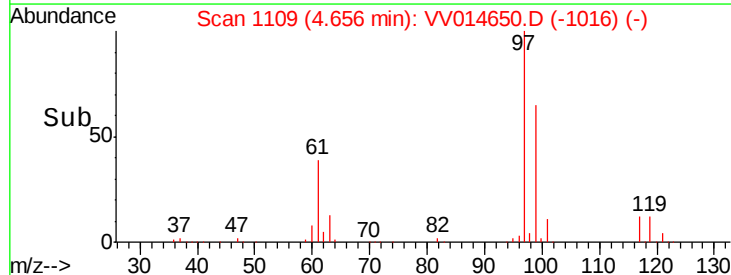
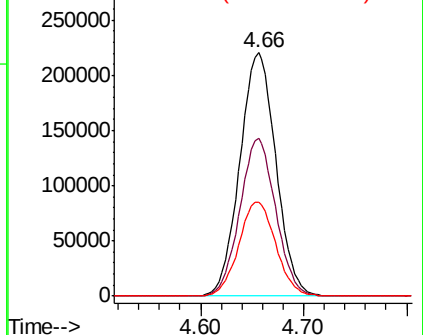
61 39.6 31.4 47.0

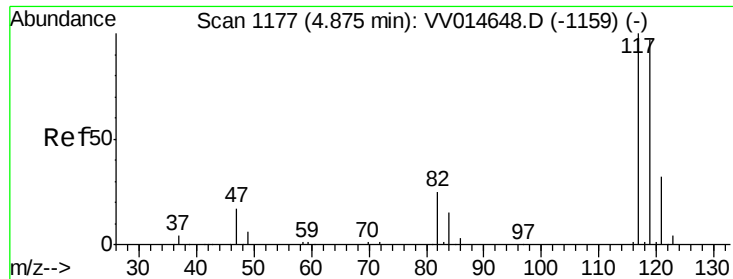


Abundance Ion 97.00 (96.70 to 97.70): VV014648.D (-1091) (-)

Ion 99.00 (98.70 to 99.70): VV014648.D (-1091) (-)

Ion 61.05 (60.75 to 61.75): VV014648.D (-1091) (-)

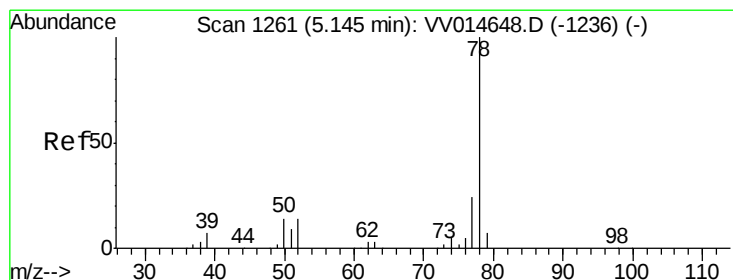
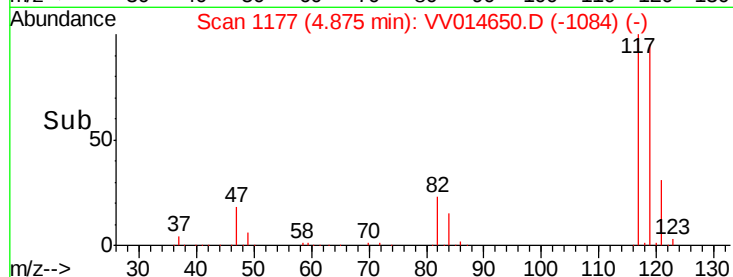
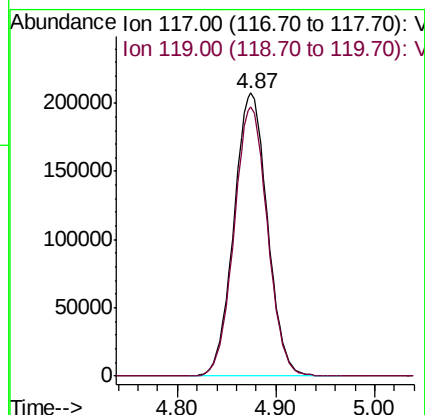
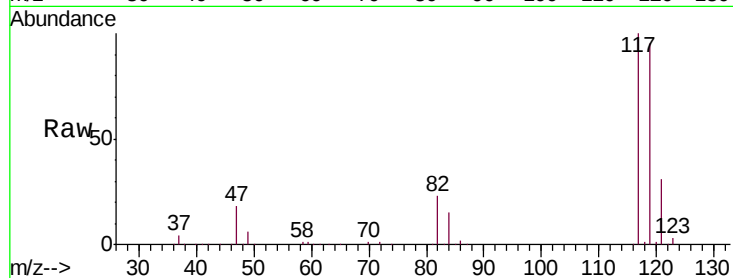




#31
Carbon tetrachloride
Concen: 217.043 ug/L
RT: 4.87 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

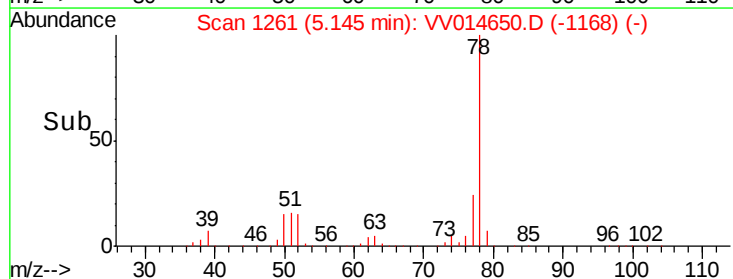
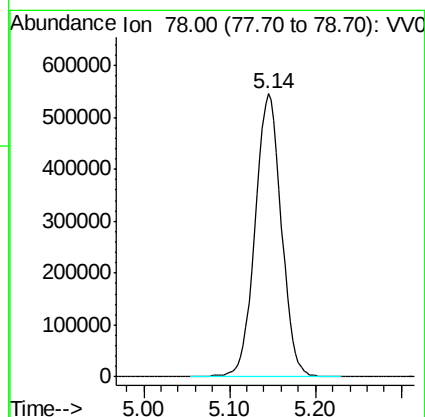
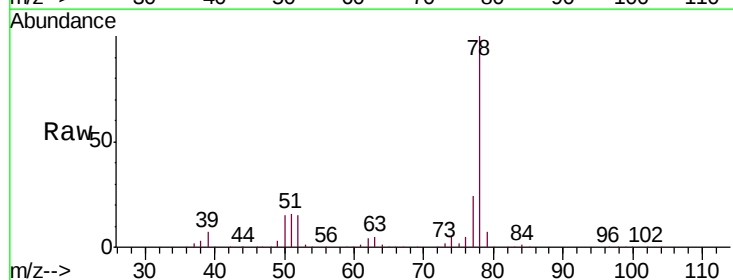
Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

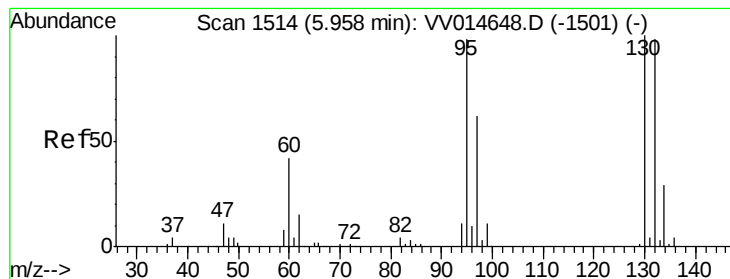
Tgt Ion:117 Resp: 489830
Ion Ratio Lower Upper
117 100
119 94.5 76.9 115.3



#33
Benzene
Concen: 195.111 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. 0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

Tgt Ion: 78 Resp: 1160015





#34

Trichloroethene

Concen: 198.502 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

VSTD20065

Tgt Ion: 95 Resp: 321186

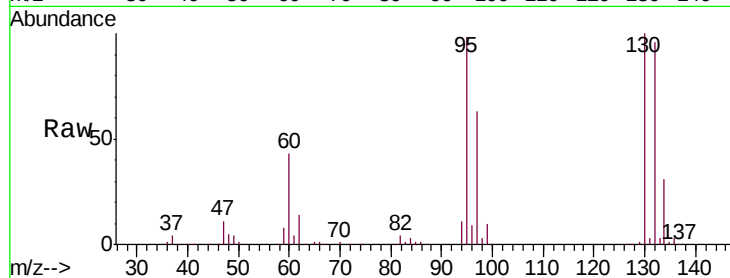
Ion Ratio Lower Upper

95 100

97 64.2 44.3 82.3

132 97.1 69.7 129.4

130 101.6 71.3 132.5

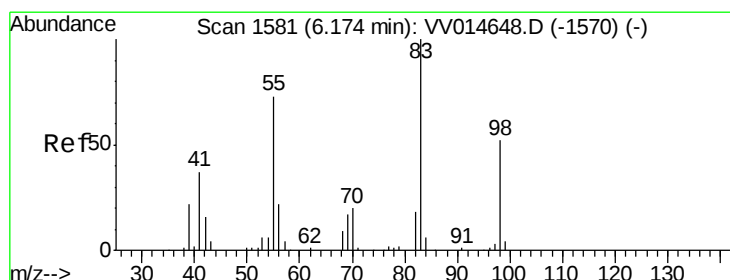
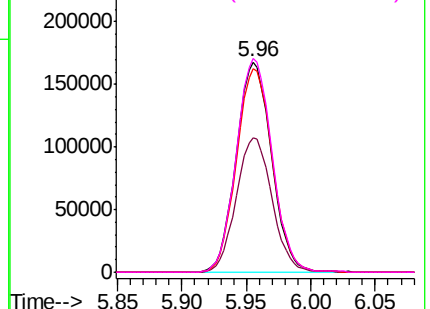
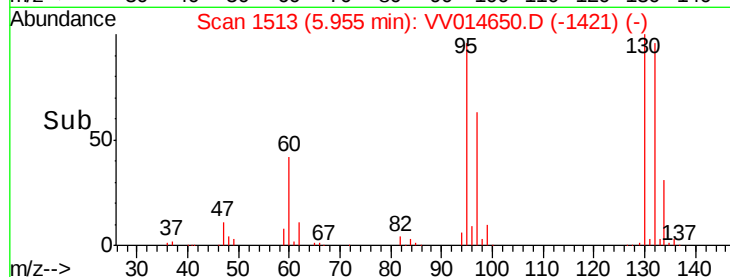


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 195.948 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

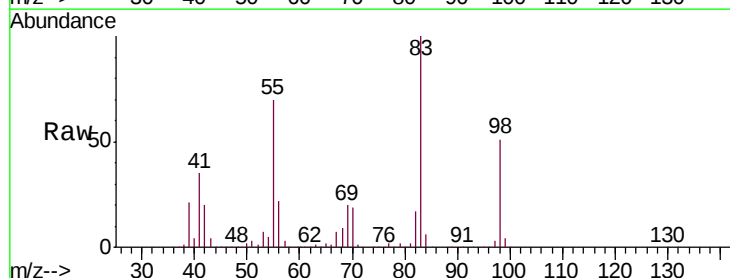
Tgt Ion: 83 Resp: 494822

Ion Ratio Lower Upper

83 100

55 70.3 56.1 84.1

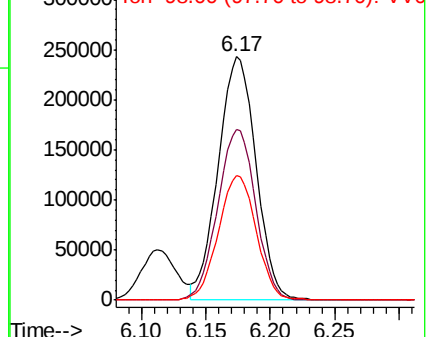
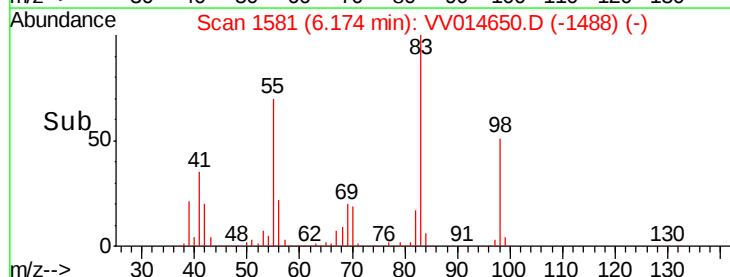
98 51.3 40.4 60.6

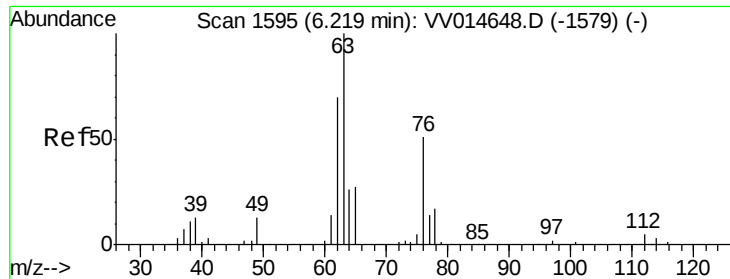


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

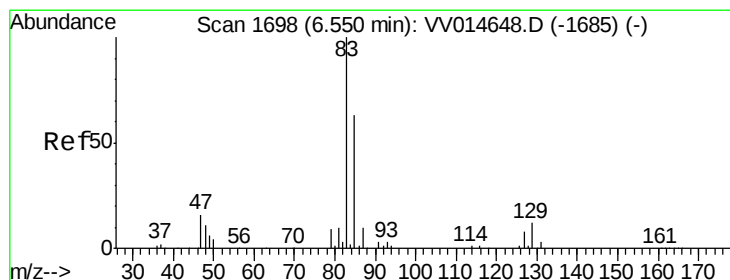
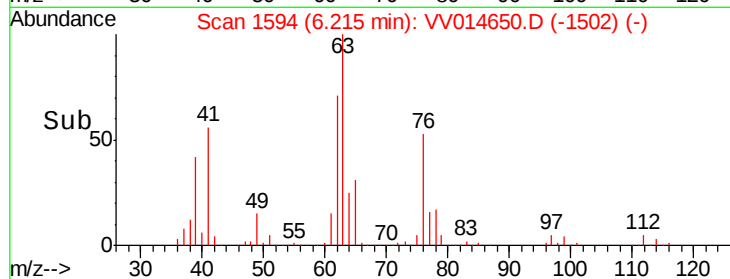
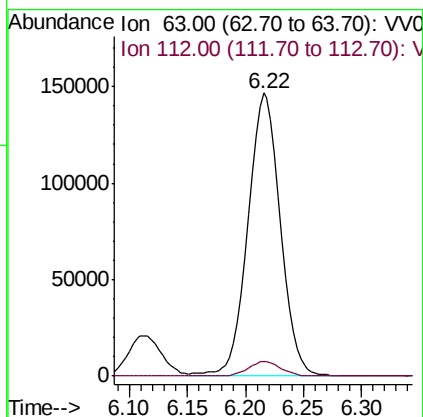
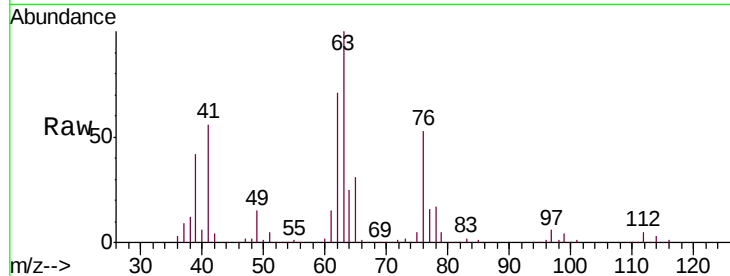




#37
 1,2-Dichloropropane
 Concen: 193.798 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

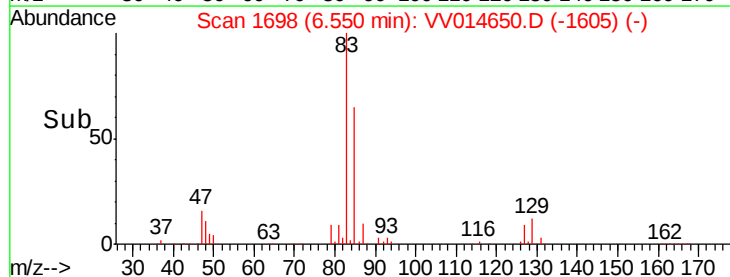
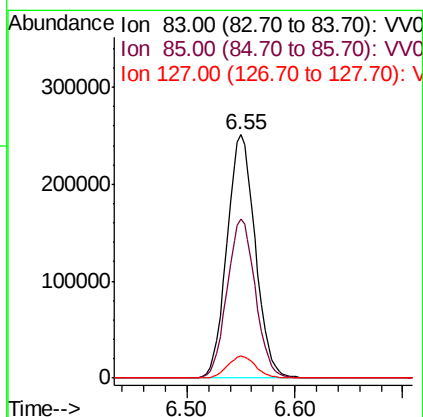
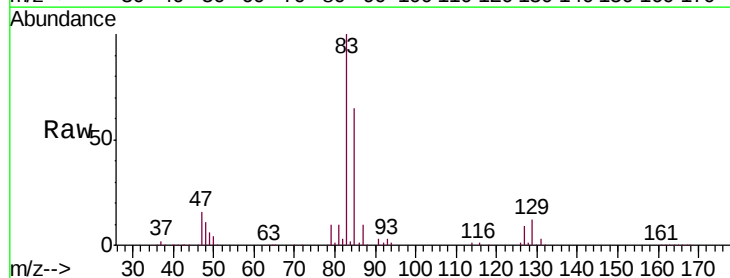
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

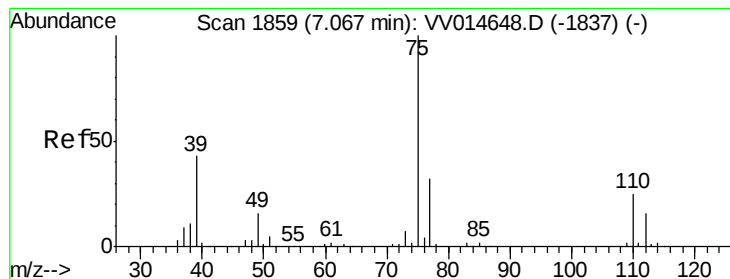
Tgt Ion: 63 Resp: 284746
 Ion Ratio Lower Upper
 63 100
 112 5.3 3.8 5.6



#38
 Bromodichloromethane
 Concen: 210.532 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

Tgt Ion: 83 Resp: 459523
 Ion Ratio Lower Upper
 83 100
 85 65.3 44.2 82.2
 127 9.1 6.7 10.1



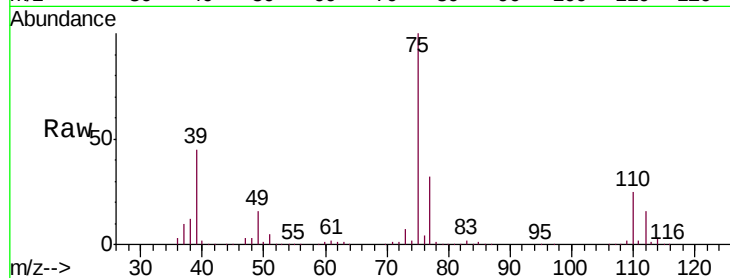


#39

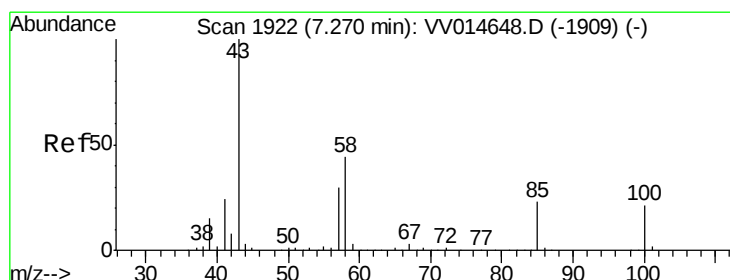
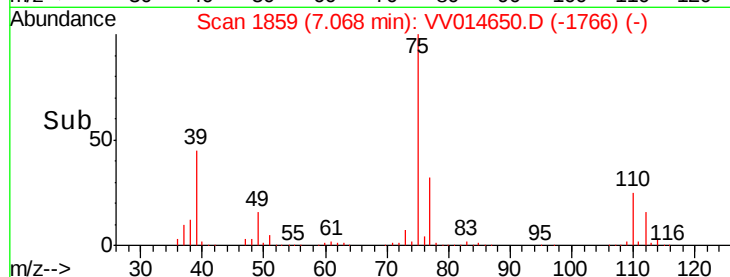
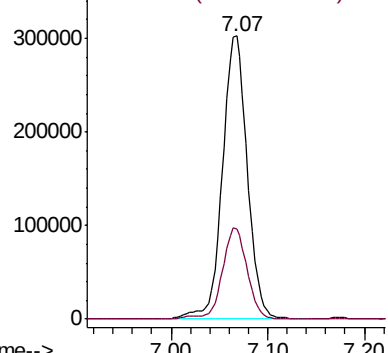
cis-1,3-Dichloropropene
Concen: 207.759 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

Instrument :
MSVOA_V
ClientSampleId :
VSTD20065

Tgt Ion: 75 Resp: 540234
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



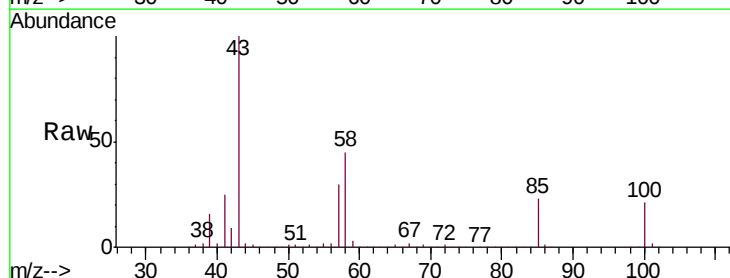
Abundance Ion 75.00 (74.70 to 75.70): VV014648.D (-1837) (-)
Ion 77.00 (76.70 to 77.70): VV014648.D (-1837) (-)



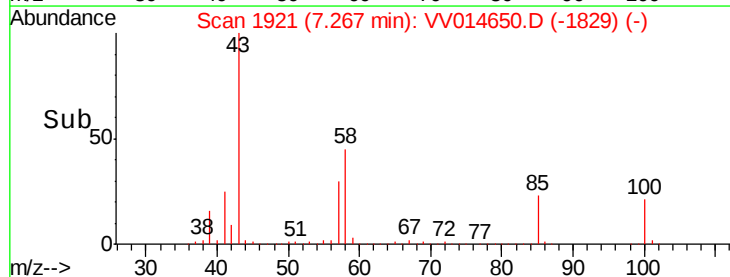
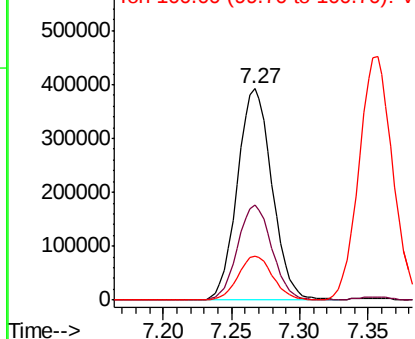
#40

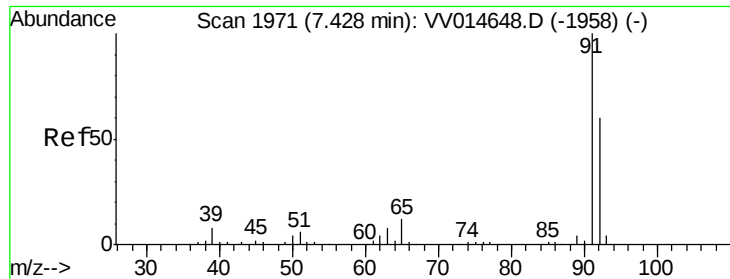
4-Methyl-2-pentanone
Concen: 380.107 ug/L
RT: 7.27 min Scan# 1921
Delta R.T. -0.00 min
Lab File: VV014650.D
Acq: 21 Feb 2020 13:17

Tgt Ion: 43 Resp: 693017
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5
100 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VV014648.D (-1909) (-)
Ion 58.00 (57.70 to 58.70): VV014648.D (-1909) (-)
Ion 100.00 (99.70 to 100.70): VV014648.D (-1909) (-)





#42

Toluene

Concen: 195.343 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014650.D

Acq: 21 Feb 2020 13:17

Instrument :

MSVOA_V

ClientSampleId :

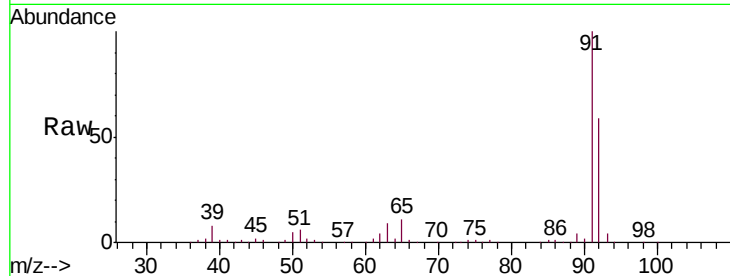
VSTD20065

Tgt Ion: 91 Resp: 1267084

Ion Ratio Lower Upper

91 100

92 58.7 41.9 77.7



Abundance Ion 91.00 (90.70 to 91.70): VV014648.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV014650.D (-1878) (-)

7.43

800000

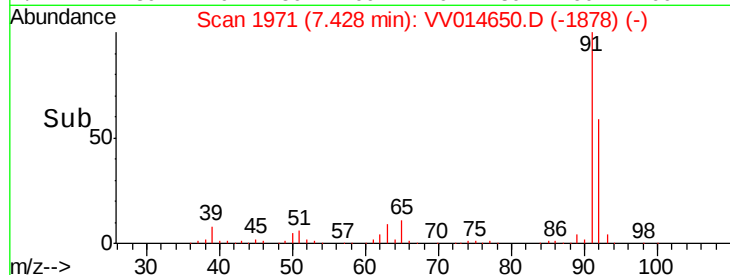
600000

400000

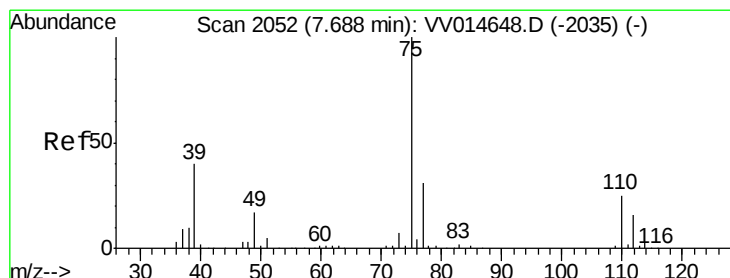
200000

0

Time-->



Time-->



#44

trans-1,3-Dichloropropene

Concen: 211.287 ug/L

RT: 7.69 min Scan# 2052

Delta R.T. 0.00 min

Lab File: VV014650.D

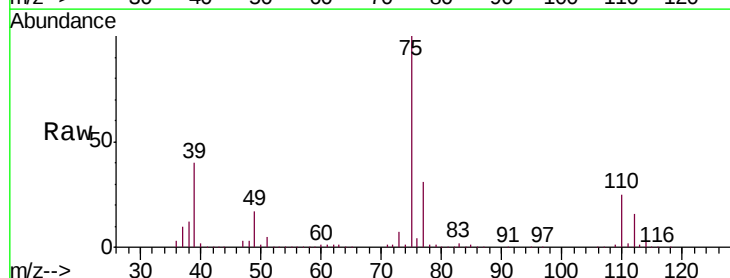
Acq: 21 Feb 2020 13:17

Tgt Ion: 75 Resp: 498278

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7



Abundance Ion 75.00 (74.70 to 75.70): VV014648.D (-2035) (-)

Ion 77.00 (76.70 to 77.70): VV014650.D (-1959) (-)

7.69

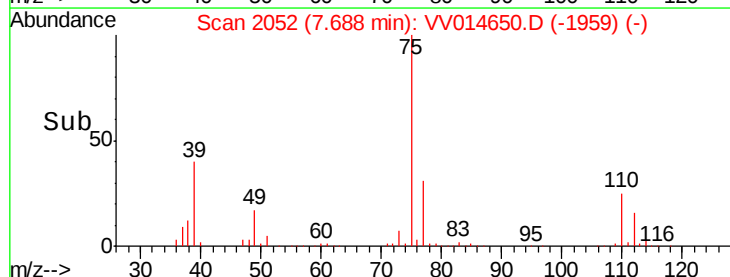
300000

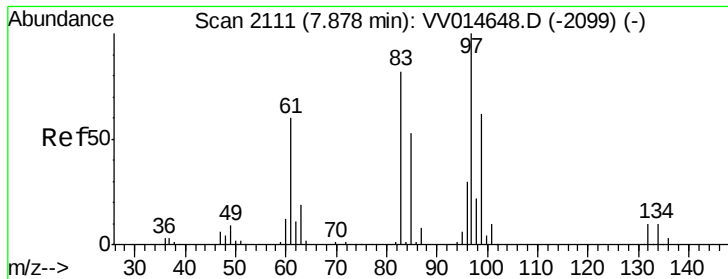
200000

100000

0

Time-->

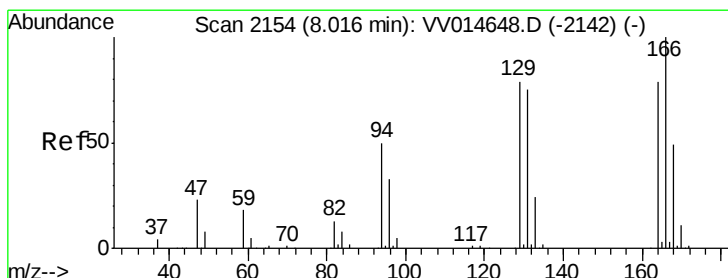
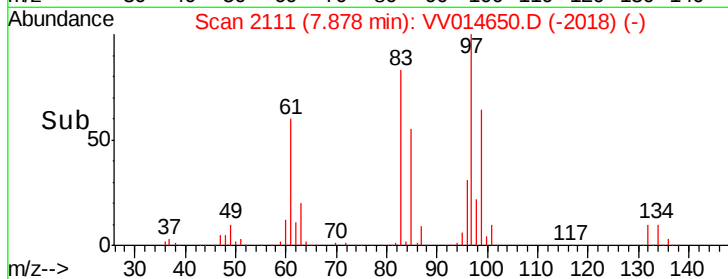
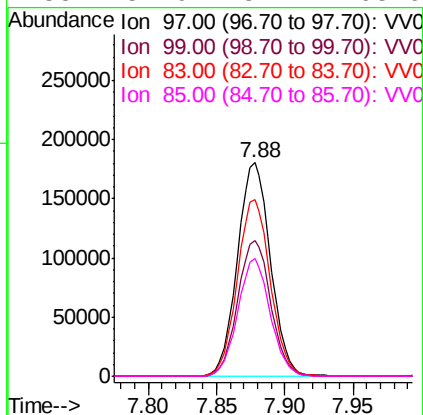
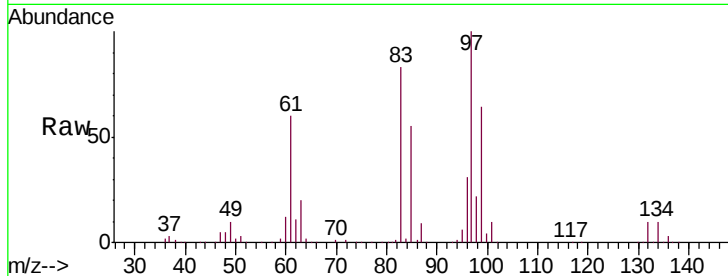




#45
 1,1,2-Trichloroethane
 Concen: 197.995 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20065

Tgt Ion:	97	Resp:	303356
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.7	81.1
83	82.8	57.3	106.5
85	54.9	37.1	68.9



#46
 Tetrachloroethene
 Concen: 194.964 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: VV014650.D
 Acq: 21 Feb 2020 13:17

Tgt Ion:	164	Resp:	246183
Ion	Ratio	Lower	Upper
164	100		
129	97.2	70.3	130.7
131	93.7	66.8	124.0
166	127.7	88.8	165.0

