

Data File : VV013637.D
Acq On : 15 Nov 2019 13:06
Operator : SY/MD
Sample : VSTD00132
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00132

Quant Time: Nov 15 23:07:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:03:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408970	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	397392	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	195977	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21868	0.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	20264	0.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	39908	0.90	ug/L	0.00
20) 2-Butanone-d5	3.99	46	22352	4.56	ug/L	0.03
24) Chloroform-d	4.40	84	49262	1.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	23169	1.02	ug/L	0.00
32) Benzene-d6	5.10	84	93096	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	28164	0.86	ug/L	0.00
41) Toluene-d8	7.36	98	81302	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	10493	0.86	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	33875	7.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	20865	0.91	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	34071	0.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33712	0.881 ug/L	99
3) Chloromethane	1.25	50	32739	0.943 ug/L	95
5) Vinyl chloride	1.32	62	31408	0.928 ug/L	93
6) Bromomethane	1.53	94	19161	1.007 ug/L	96
8) Chloroethane	1.60	64	16738	0.902 ug/L	98
9) Trichlorofluoromethane	1.77	101	42174	0.924 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	22765	0.882 ug/L	96
12) 1,1-Dichloroethene	2.14	96	22108	0.915 ug/L	98
13) Acetone	2.23	43	10544	3.238 ug/L #	1
14) Carbon disulfide	2.31	76	74133	1.023 ug/L	98
15) Methyl Acetate	2.48	43	7718	0.797 ug/L #	88
16) Methylene chloride	2.53	84	31637	1.160 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	53967	0.940 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	26172	0.991 ug/L	95
19) 1,1-Dichloroethane	3.23	63	47884	1.003 ug/L	96
21) 2-Butanone	4.08	43	31414	5.316 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	26471	0.924 ug/L #	84
23) Bromochloromethane	4.30	128	12410	0.968 ug/L	90
25) Chloroform	4.42	83	77728	1.309 ug/L	93
27) 1,2-Dichloroethane	5.18	62	28005	0.885 ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	42200	0.948 ug/L	99
30) Cyclohexane	4.72	56	38261	0.860 ug/L	97
31) Carbon tetrachloride	4.87	117	37142	0.925 ug/L	94
33) Benzene	5.14	78	101432	0.863 ug/L	100
34) Trichloroethene	5.96	95	28431	0.861 ug/L	95
35) Methylcyclohexane	6.17	83	37444	0.772 ug/L	91
37) 1,2-Dichloropropane	6.22	63	23661	0.781 ug/L	100
38) Bromodichloromethane	6.55	83	35452	0.856 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	31929	0.750 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	132046	7.715 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	105721	0.826	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	25879	0.806	ug/L	94
45) 1,1,2-Trichloroethane	7.88	97	18049	0.829	ug/L	99
47) Tetrachloroethene	8.02	164	26097	0.865	ug/L	98
48) 2-Hexanone	8.19	43	87181	7.331	ug/L	96
49) Dibromochloromethane	8.29	129	22925	0.839	ug/L	97
50) 1,2-Dibromoethane	8.40	107	17338	0.867	ug/L	93
51) Chlorobenzene	8.92	112	71445	0.850	ug/L	98
52) Ethylbenzene	9.05	91	109955	0.815	ug/L	99
53) m,p-xylene	9.18	106	39071	0.760	ug/L	99
54) o-xylene	9.58	106	38425	0.793	ug/L	97
55) Styrene	9.60	104	62525	0.750	ug/L	98
56) Isopropylbenzene	9.97	105	102885	0.796	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	18482	0.772	ug/L	86
59) 1,2,3-Trichloropropane	10.32	75	15482	0.838	ug/L	97
61) Bromoform	9.77	173	13151	0.884	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	58220	0.910	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	59373	0.906	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	55268	0.933	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	3222	0.889	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	47695	0.913	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	38017	0.927	ug/L	97
69) Naphthalene	13.55	128	44829	0.850	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	33979	0.895	ug/L	99

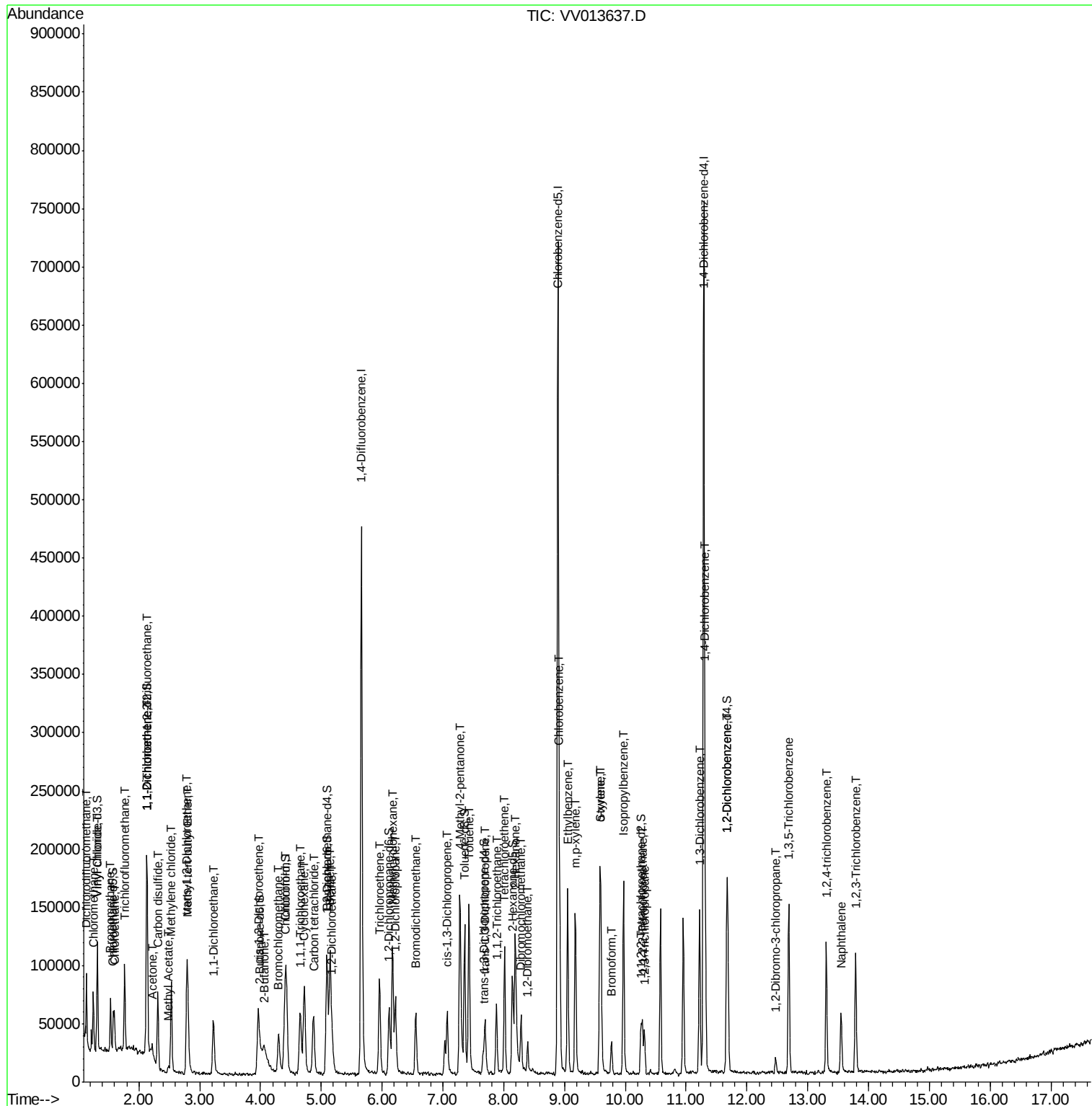
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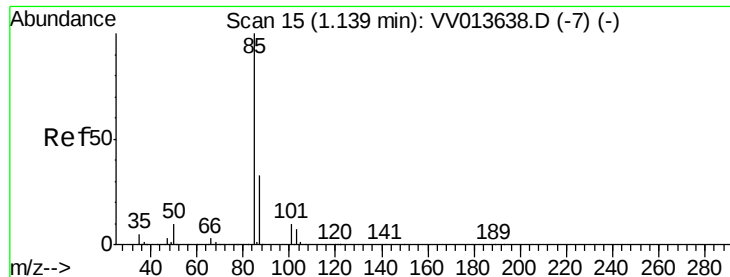
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#2

Dichlorodifluoromethane

Concen: 0.881 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

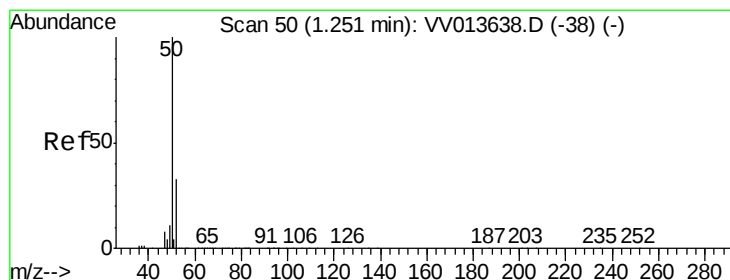
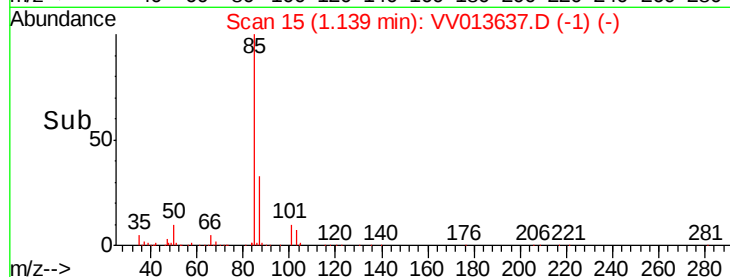
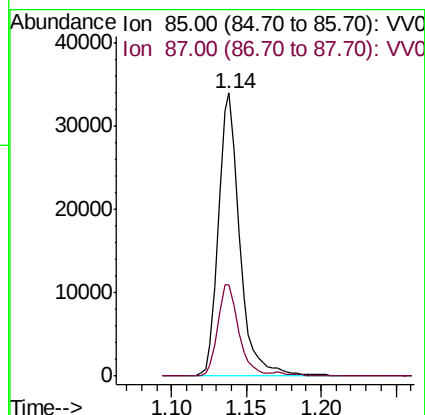
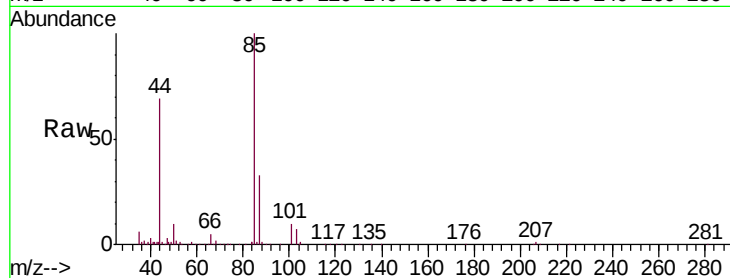
VSTD00132

Tgt Ion: 85 Resp: 33712

Ion Ratio Lower Upper

85 100

87 32.0 26.0 39.0



#3

Chloromethane

Concen: 0.943 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013637.D

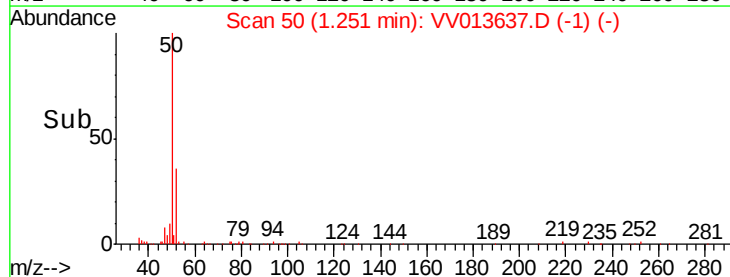
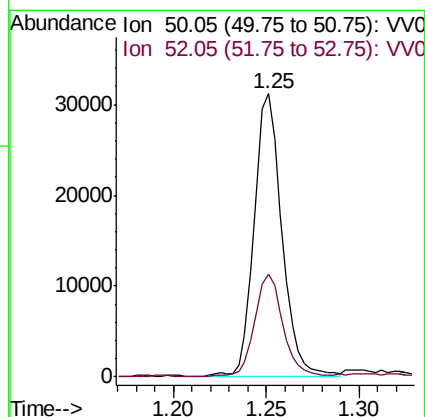
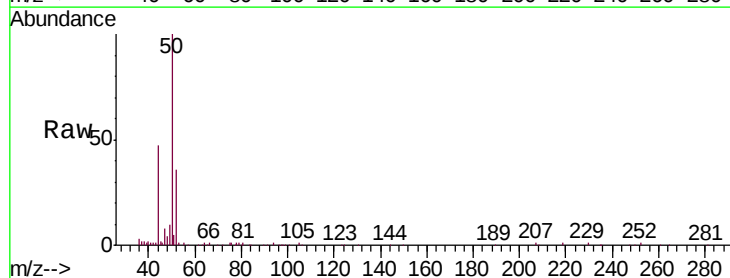
Acq: 15 Nov 2019 13:06

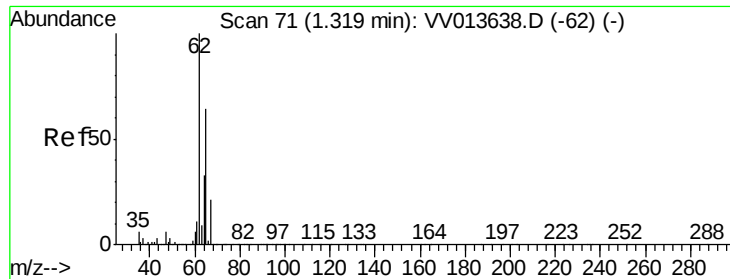
Tgt Ion: 50 Resp: 32739

Ion Ratio Lower Upper

50 100

52 36.3 23.4 43.4





#5

Vinyl chloride

Concen: 0.928 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV013637.D

Acq: 15 Nov 2019 13:06

Instrument :

MSVOA_V

ClientSampleId :

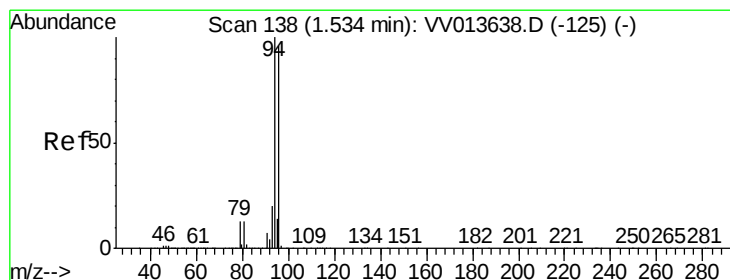
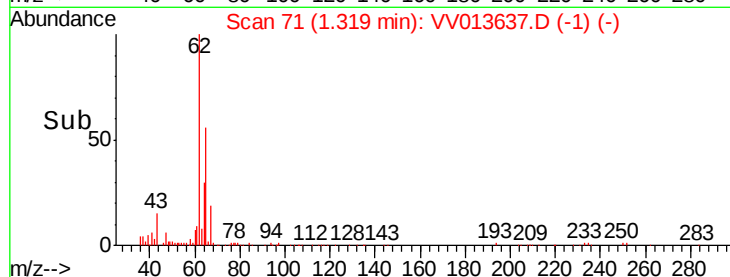
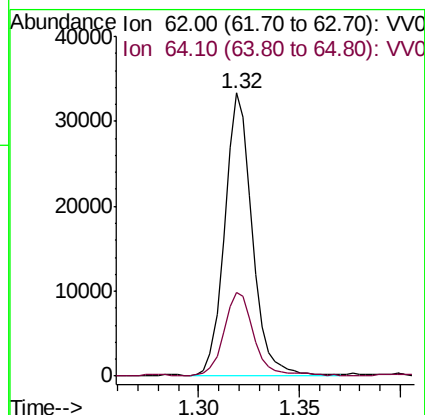
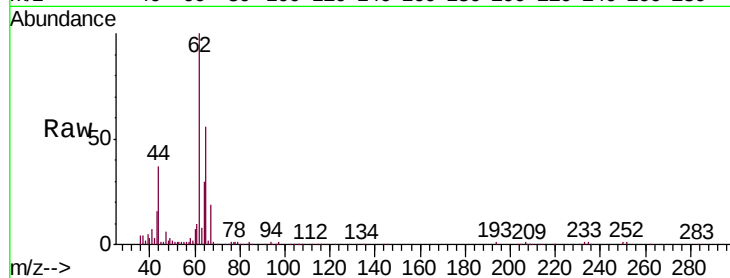
VSTD00132

Tgt Ion: 62 Resp: 31408

Ion Ratio Lower Upper

62 100

64 29.8 23.4 43.6



#6

Bromomethane

Concen: 1.007 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV013637.D

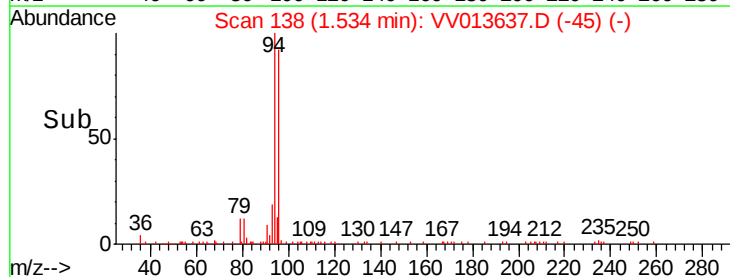
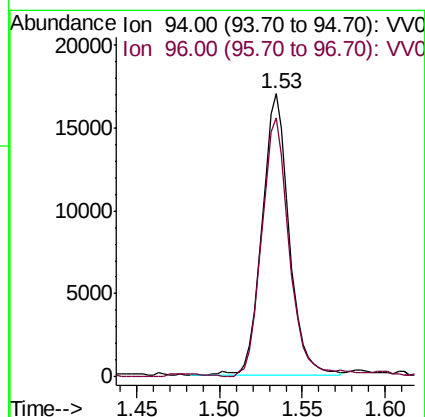
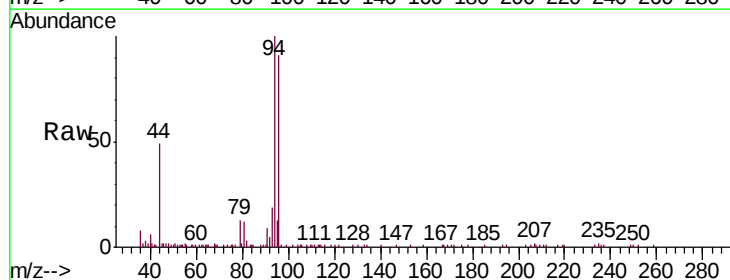
Acq: 15 Nov 2019 13:06

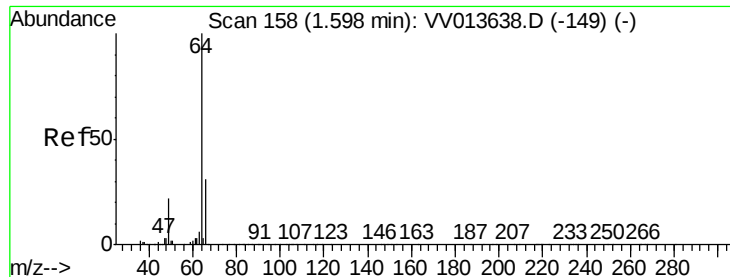
Tgt Ion: 94 Resp: 19161

Ion Ratio Lower Upper

94 100

96 91.4 67.0 124.4





#8

Chloroethane

Concen: 0.902 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013637.D

Acq: 15 Nov 2019 13:06

Instrument :

MSVOA_V

ClientSampleId :

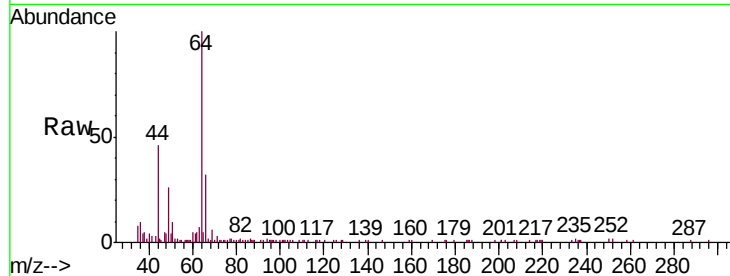
VSTD00132

Tgt Ion: 64 Resp: 16738

Ion Ratio Lower Upper

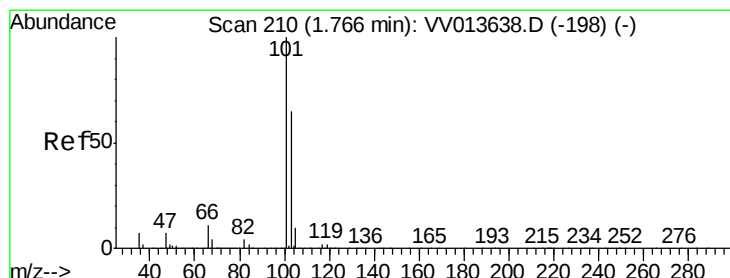
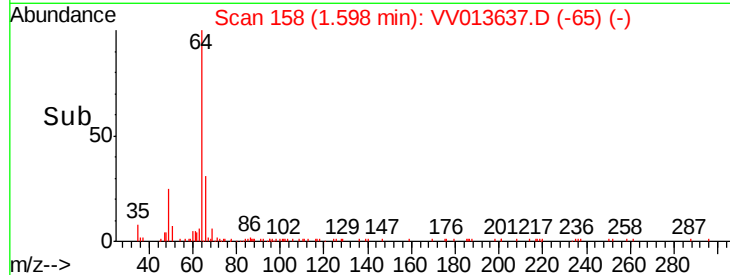
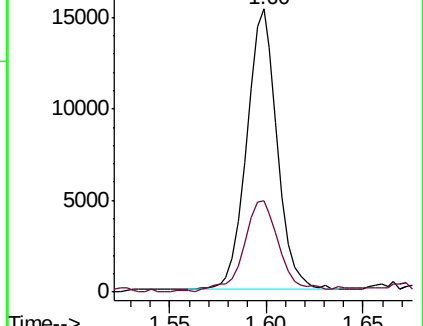
64 100

66 32.2 21.9 40.7



Abundance Ion 64.10 (63.80 to 64.80): VV013637.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV013637.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 0.924 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV013637.D

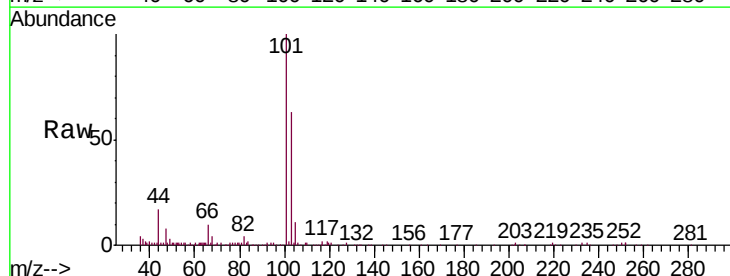
Acq: 15 Nov 2019 13:06

Tgt Ion: 101 Resp: 42174

Ion Ratio Lower Upper

101 100

103 65.2 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): VV013637.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV013637.D (-199) (-)

