

Data File : VV010603.D
Acq On : 01 May 2019 13:37
Operator : SY/MD
Sample : VSTD01039
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

Quant Time: May 02 07:59:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	81389	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	86926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50367	11.22	ug/L	0.00
7) Chloroethane-d5	1.58	69	33361	10.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	103427	11.83	ug/L	0.00
20) 2-Butanone-d5	3.95	46	129425	125.72	ug/L	0.00
24) Chloroform-d	4.40	84	113944	11.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	54254	11.20	ug/L	0.00
32) Benzene-d6	5.10	84	227970	11.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	66248	10.96	ug/L	0.00
41) Toluene-d8	7.36	98	225757	11.55	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	25293	11.10	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	92830	101.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49965	11.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	81386	11.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	75450	10.527 ug/L	99
3) Chloromethane	1.25	50	67140	10.257 ug/L	98
5) Vinyl chloride	1.32	62	68867	10.503 ug/L	100
6) Bromomethane	1.54	94	42042	14.706 ug/L	98
8) Chloroethane	1.60	64	29645	9.564 ug/L	95
9) Trichlorofluoromethane	1.77	101	109548	10.384 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	58608	10.873 ug/L	98
12) 1,1-Dichloroethene	2.14	96	52006	11.072 ug/L	87
13) Acetone	2.22	43	69264	109.900 ug/L	99
14) Carbon disulfide	2.31	76	145044	10.918 ug/L	99
15) Methyl Acetate	2.47	43	20431	9.630 ug/L	95
16) Methylene chloride	2.53	84	58104	9.631 ug/L	94
17) Methyl tert-butyl Ether	2.81	73	124518	11.561 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	59332	11.327 ug/L	98
19) 1,1-Dichloroethane	3.23	63	111105	11.388 ug/L	98
21) 2-Butanone	4.04	43	133930	119.022 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	64929	11.200 ug/L	89
23) Bromochloromethane	4.30	128	27178	11.637 ug/L	94
25) Chloroform	4.42	83	116930	11.206 ug/L	97
27) 1,2-Dichloroethane	5.18	62	67761	11.535 ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	103153	10.734 ug/L	99
30) Cyclohexane	4.72	56	98748	11.126 ug/L	99
31) Carbon tetrachloride	4.87	117	93758	10.669 ug/L	99
33) Benzene	5.14	78	246694	10.872 ug/L	100
34) Trichloroethene	5.96	95	66873	10.156 ug/L	97
35) Methylcyclohexane	6.17	83	103183	11.226 ug/L	96
37) 1,2-Dichloropropane	6.22	63	59679	10.508 ug/L	99
38) Bromodichloromethane	6.55	83	78968	10.800 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	89390	11.508 ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	345842	113.720 ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 02 07:54:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	287830	11.311	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	68665	11.605	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	42633	11.238	ug/L	94
47) Tetrachloroethene	8.02	164	54266	10.759	ug/L	97
48) 2-Hexanone	8.19	43	257663	117.465	ug/L	98
49) Dibromochloromethane	8.29	129	52959	11.336	ug/L	99
50) 1,2-Dibromoethane	8.40	107	40311	11.093	ug/L	97
51) Chlorobenzene	8.93	112	184783	11.069	ug/L	97
52) Ethylbenzene	9.05	91	314675	11.448	ug/L	100
53) m,p-xylene	9.18	106	127435	12.174	ug/L	99
54) o-xylene	9.59	106	121166	11.750	ug/L	95
55) Styrene	9.60	104	203663	12.080	ug/L	100
56) Isopropylbenzene	9.97	105	314928	11.894	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	48633	10.358	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	36163	10.676	ug/L	99
61) Bromoform	9.77	173	26490	11.240	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	139733	10.932	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	139855	10.841	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	135078	11.186	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7202	9.691	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	106066	11.291	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	81076	11.294	ug/L	97
69) Naphthalene	13.55	128	133905	11.622	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	74922	11.379	ug/L	99

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

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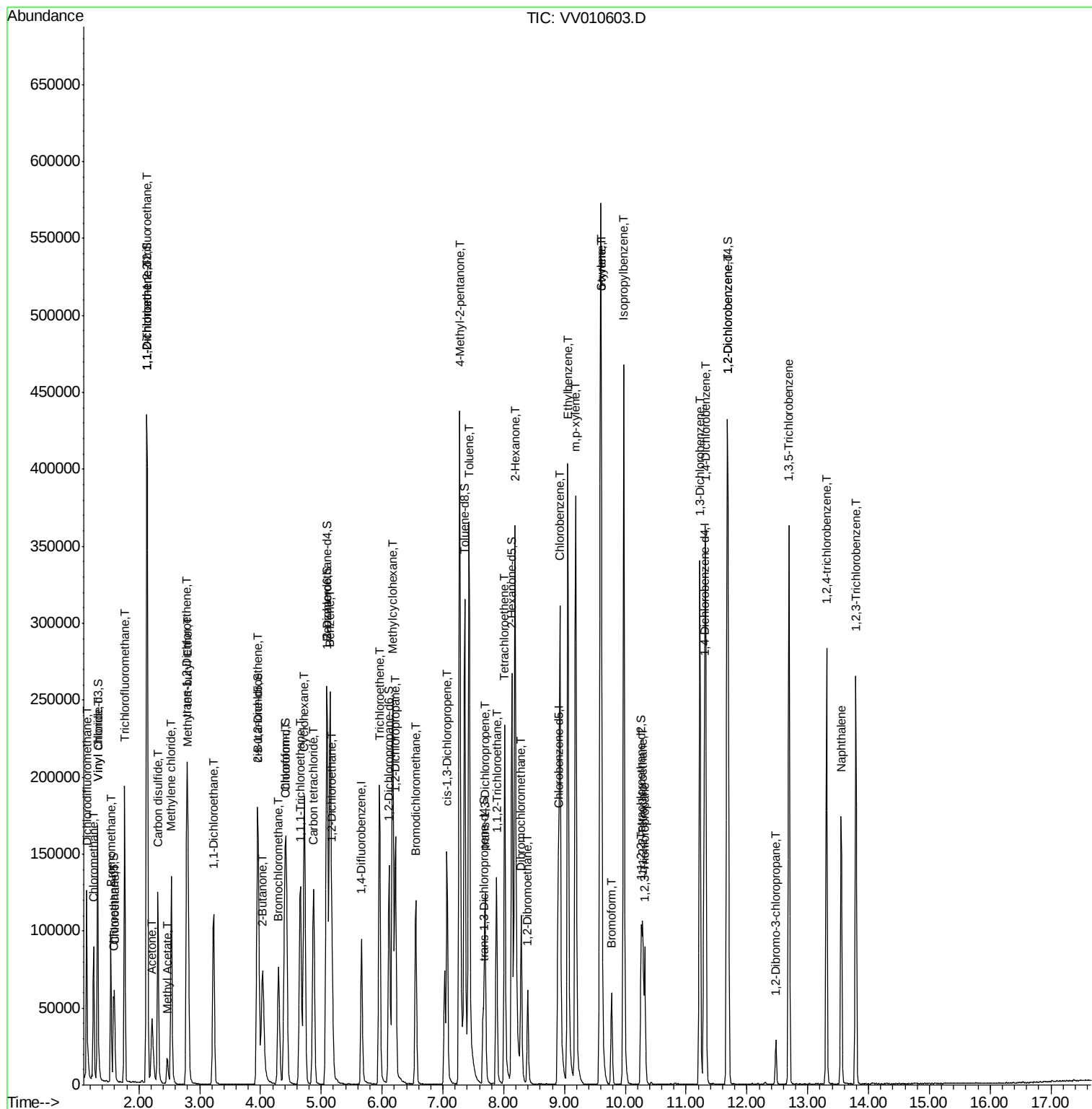
Quant Time: May 02 07:59:26 2019

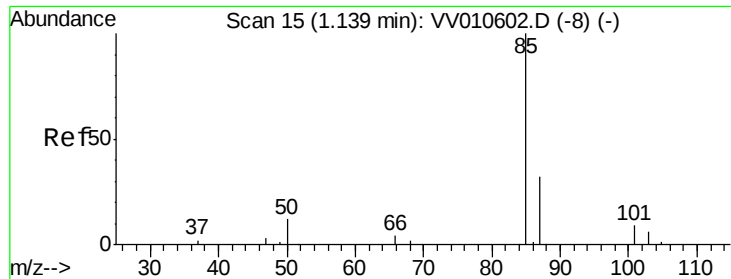
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0MVTR050119WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu May 02 07:54:30 2019

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#2

Dichlorodifluoromethane

Concen: 10.527 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

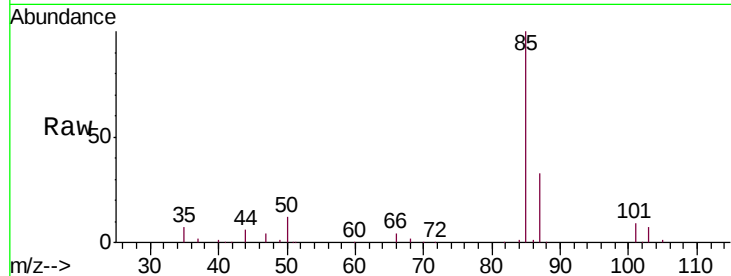
VSTD01039

Tgt Ion: 85 Resp: 75450

Ion Ratio Lower Upper

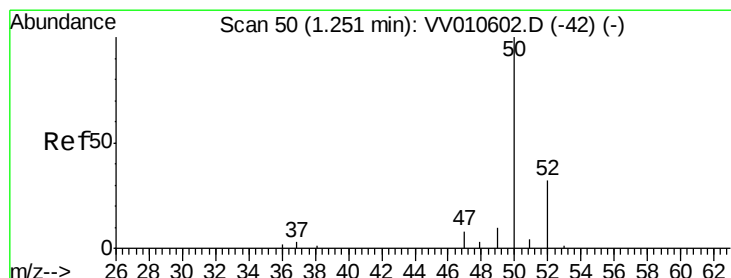
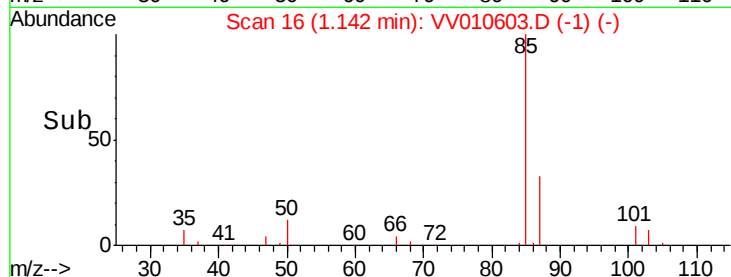
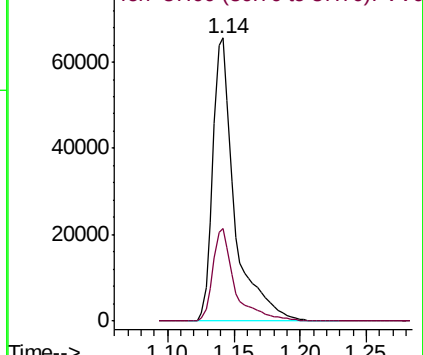
85 100

87 32.9 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 10.257 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV010603.D

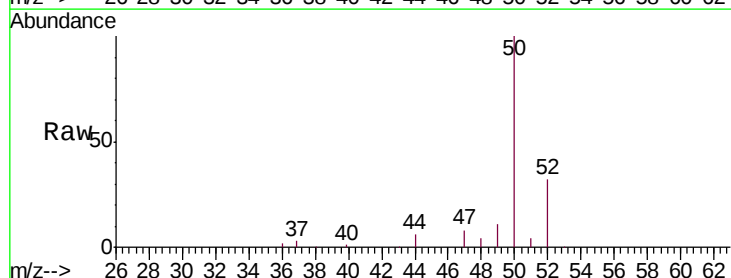
Acq: 01 May 2019 13:37

Tgt Ion: 50 Resp: 67140

Ion Ratio Lower Upper

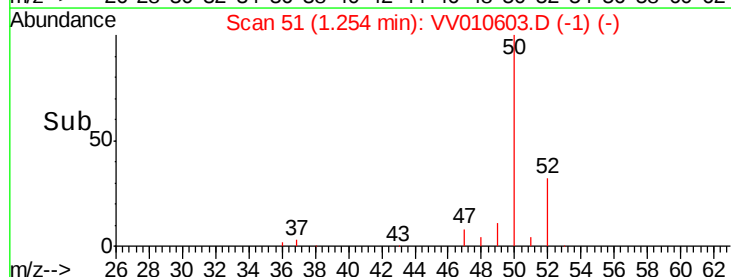
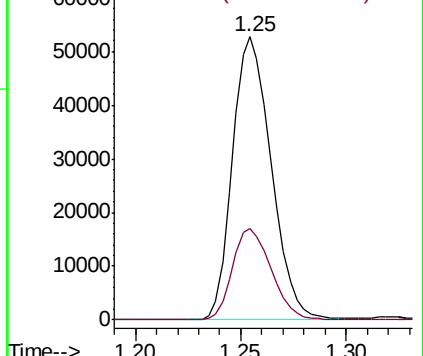
50 100

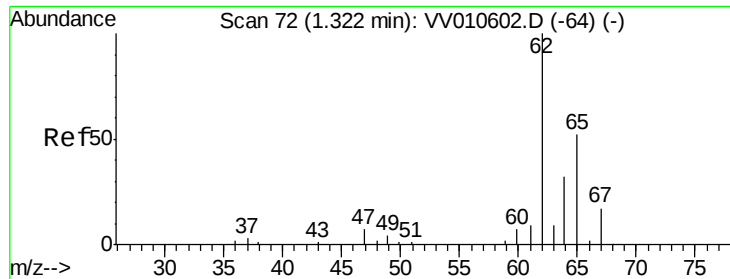
52 32.4 22.0 41.0



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 10.503 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

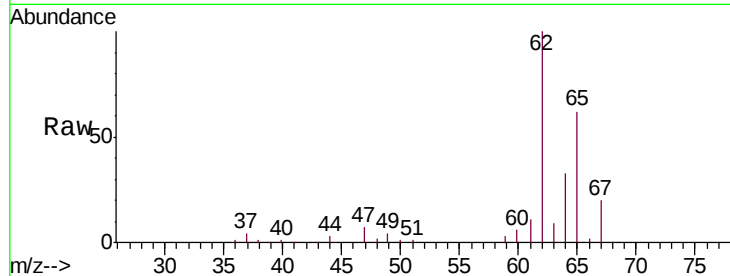
VSTD01039

Tgt Ion: 62 Resp: 68867

Ion Ratio Lower Upper

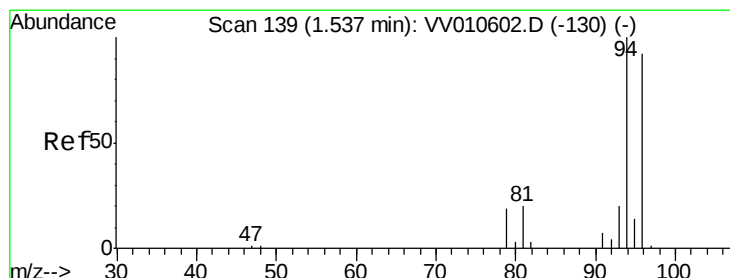
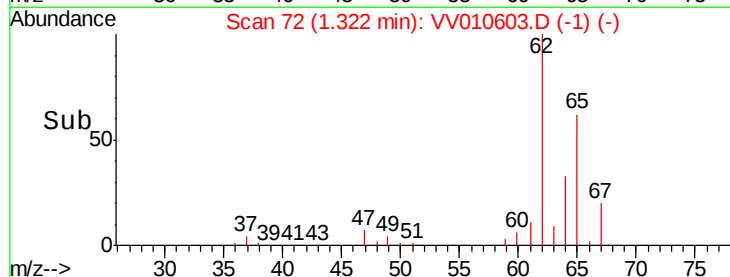
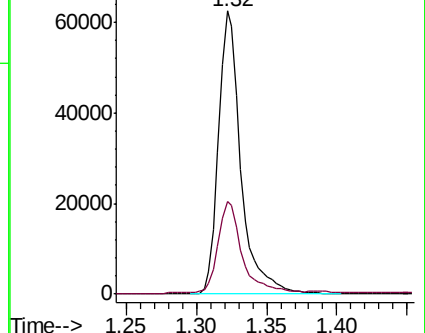
62 100

64 32.8 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV010603.D (-64) (-)

Ion 64.10 (63.80 to 64.80): VV010603.D (-64) (-)



#6

Bromomethane

Concen: 14.706 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV010603.D

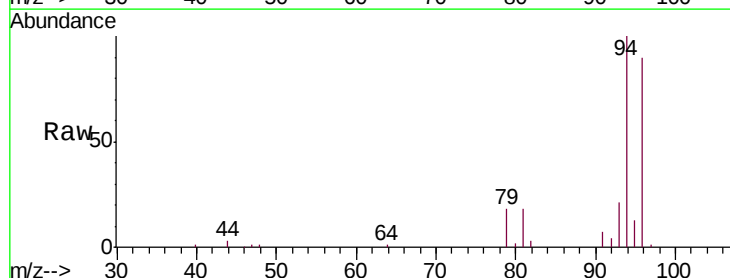
Acq: 01 May 2019 13:37

Tgt Ion: 94 Resp: 42042

Ion Ratio Lower Upper

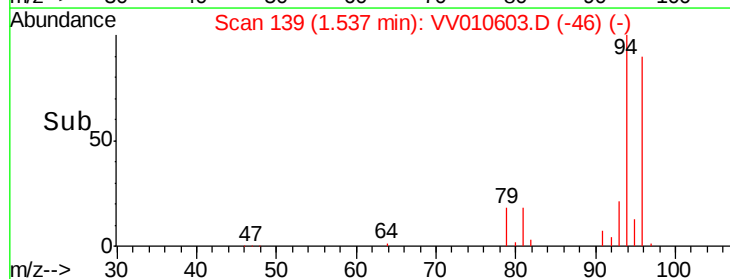
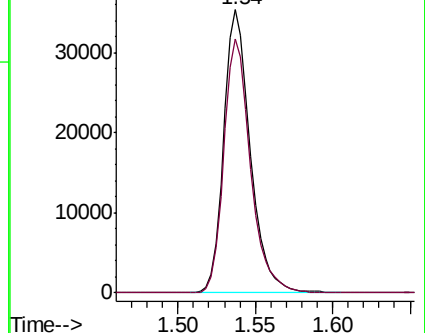
94 100

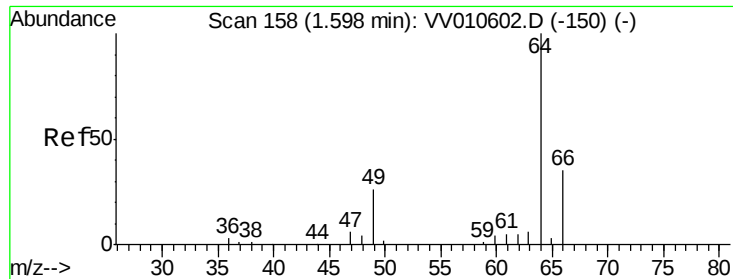
96 89.8 64.5 119.7



Abundance Ion 94.00 (93.70 to 94.70): VV010603.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV010603.D (-130) (-)





#8

Chloroethane

Concen: 9.564 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

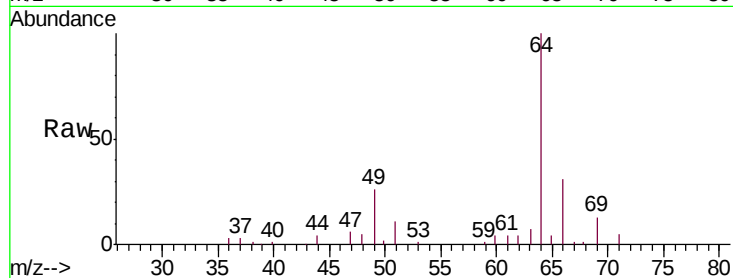
Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

Tgt Ion: 64 Resp: 29645

Ion Ratio Lower Upper

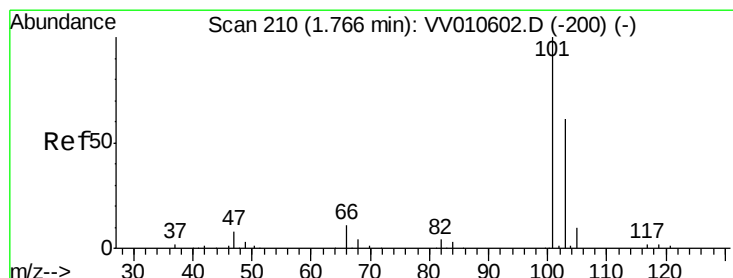
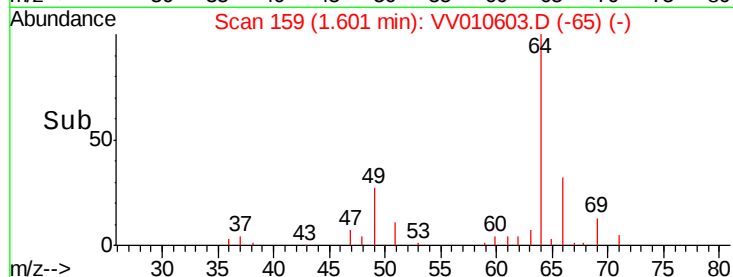
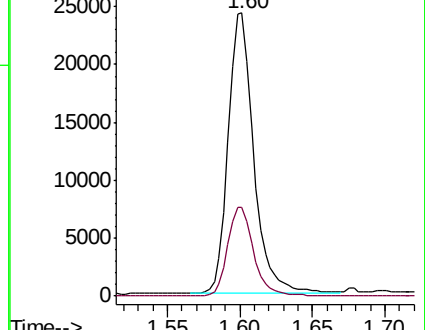
64 100

66 31.4 23.8 44.2



Abundance Ion 64.10 (63.80 to 64.80): VV010602.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV010602.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 10.384 ug/L

RT: 1.77 min Scan# 210

Delta R.T. -0.00 min

Lab File: VV010603.D

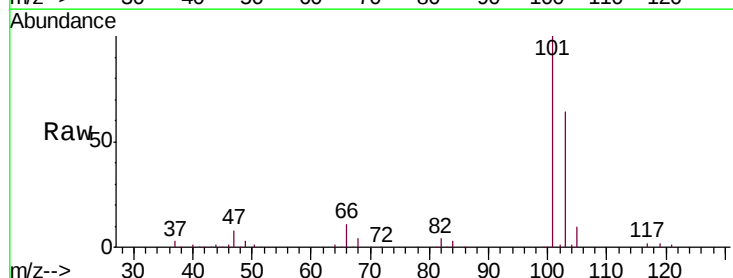
Acq: 01 May 2019 13:37

Tgt Ion: 101 Resp: 109548

Ion Ratio Lower Upper

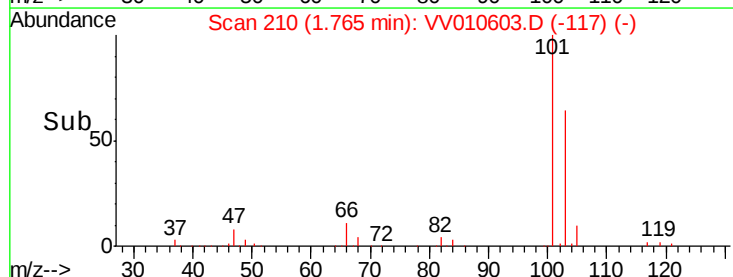
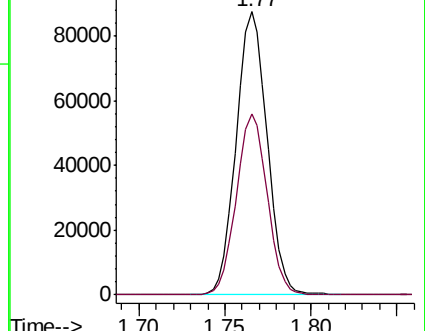
101 100

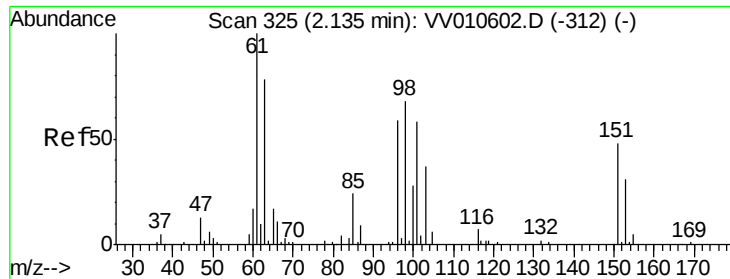
103 63.6 49.5 74.3



Abundance Ion 101.00 (100.70 to 101.70): VV010602.D (-200) (-)

Ion 103.00 (102.70 to 103.70): VV010602.D (-200) (-)





#10

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

Concen: 10.873 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

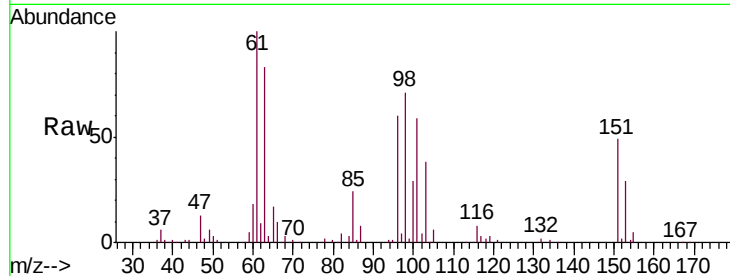
Tgt Ion:101 Resp: 58608

Ion Ratio Lower Upper

101 100

85 43.2 33.7 50.5

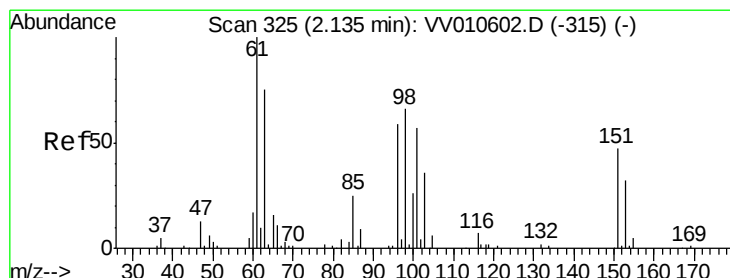
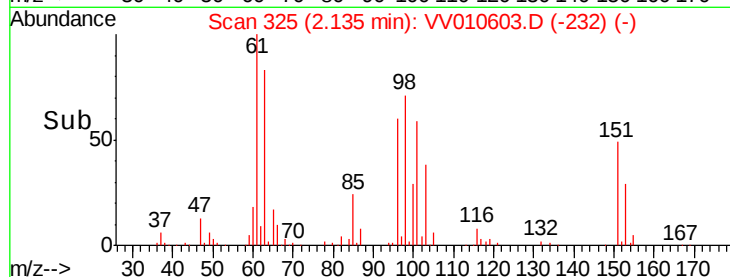
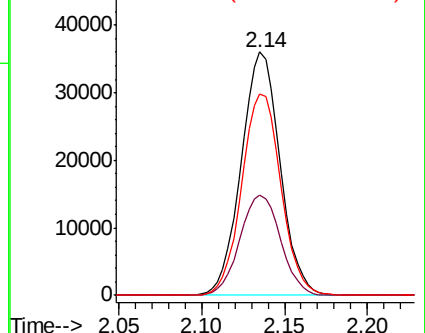
151 83.8 65.2 97.8



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: 11.072 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

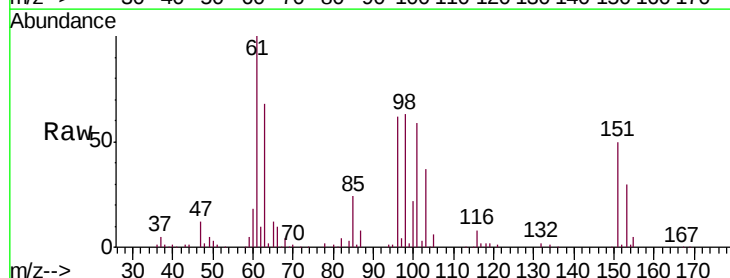
Tgt Ion: 96 Resp: 52006

Ion Ratio Lower Upper

96 100

61 160.1 118.7 220.5

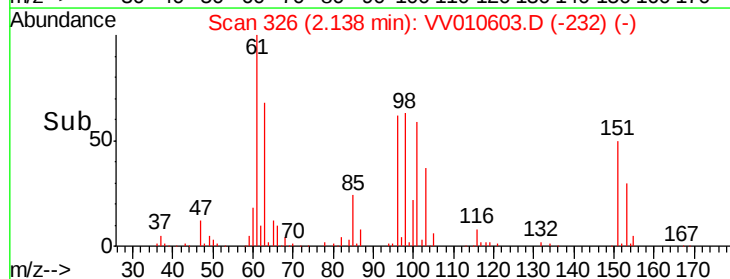
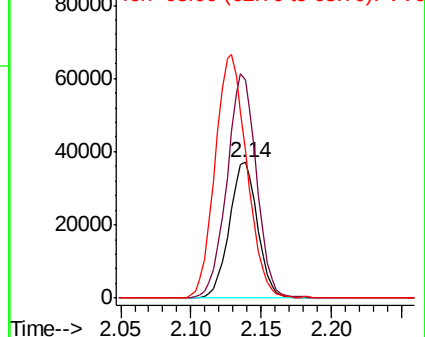
63 108.2 93.2 173.0

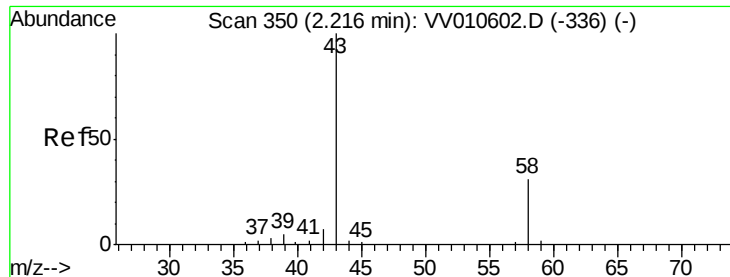


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 109.900 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

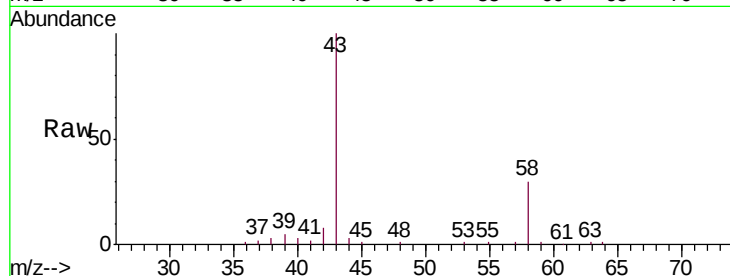
VSTD01039

Tgt Ion: 43 Resp: 69264

Ion Ratio Lower Upper

43 100

58 30.7 0.0 62.8

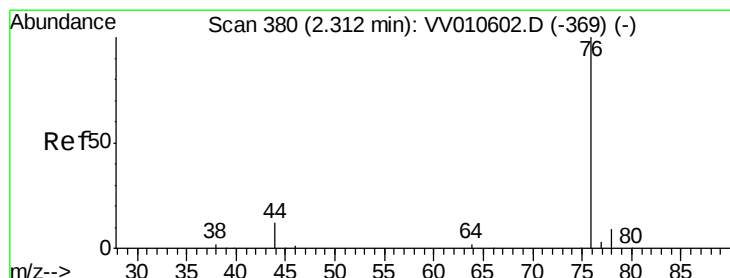
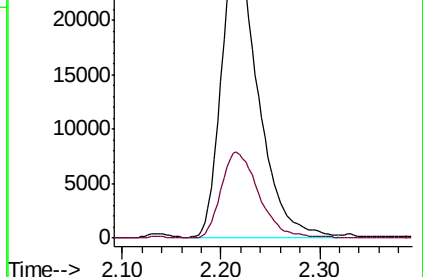
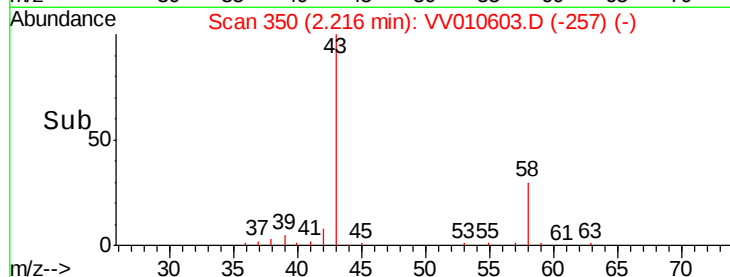


Abundance Ion 43.05 (42.75 to 43.75): VV010603.D (-257) (-)

Ion 58.05 (57.75 to 58.75): VV010603.D (-257) (-)

2.22

Time--> 2.10 2.20 2.30



#14

Carbon disulfide

Concen: 10.918 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV010603.D

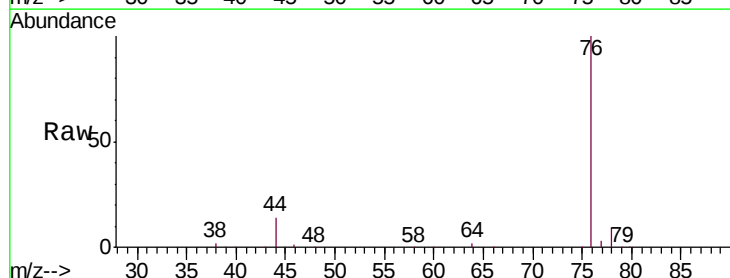
Acq: 01 May 2019 13:37

Tgt Ion: 76 Resp: 145044

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

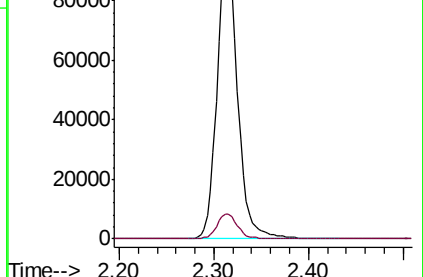
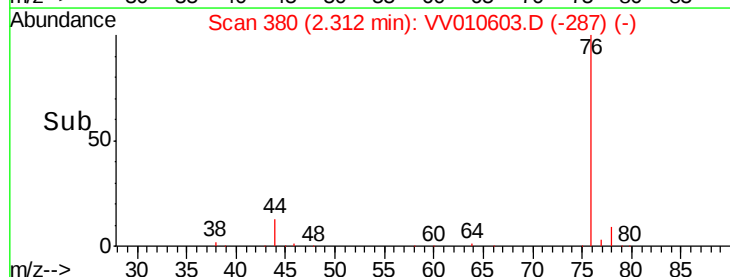


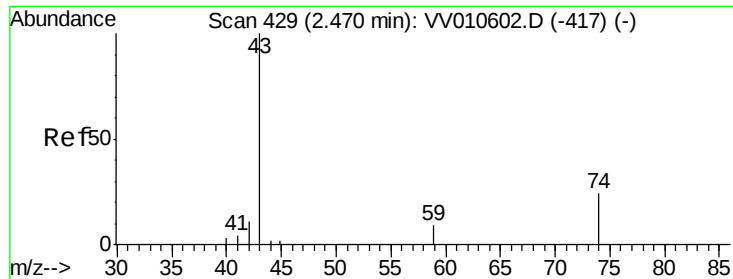
Abundance Ion 76.05 (75.75 to 76.75): VV010603.D (-287) (-)

Ion 78.00 (77.70 to 78.70): VV010603.D (-287) (-)

2.31

Time--> 2.20 2.30 2.40

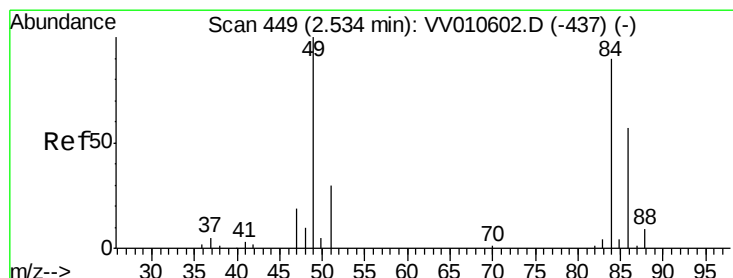
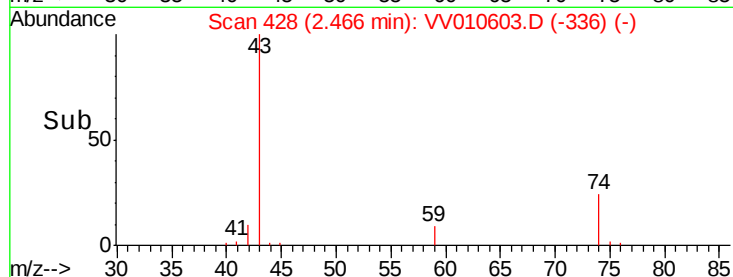
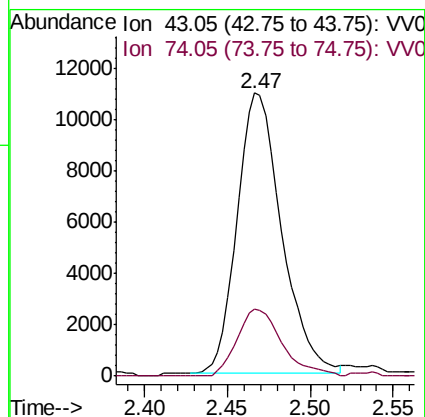
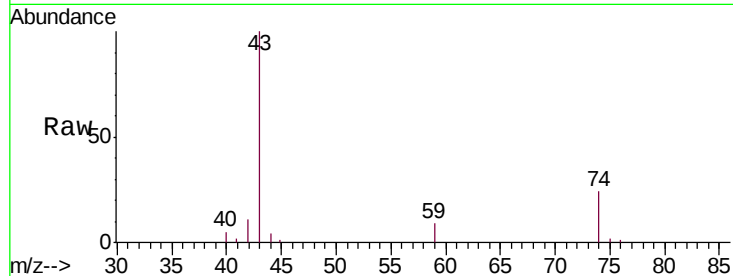




#15
Methyl Acetate
Concen: 9.630 ug/L
RT: 2.47 min Scan# 428
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

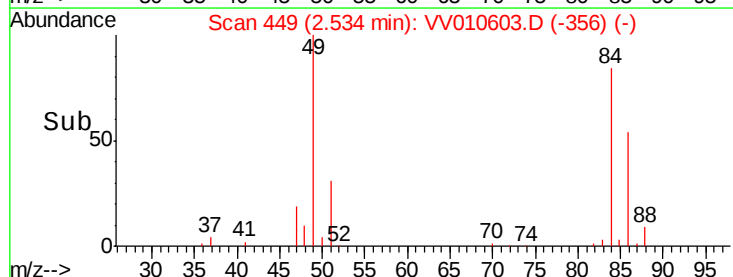
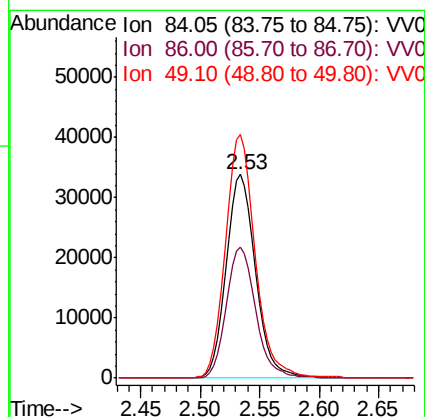
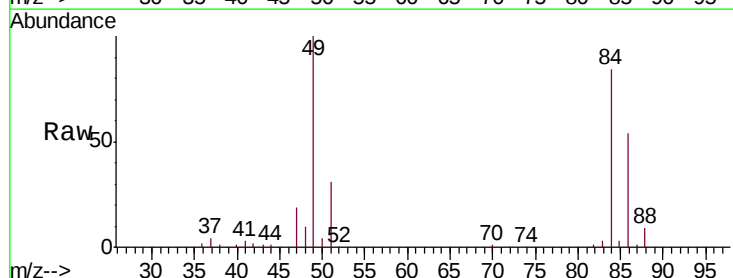
Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

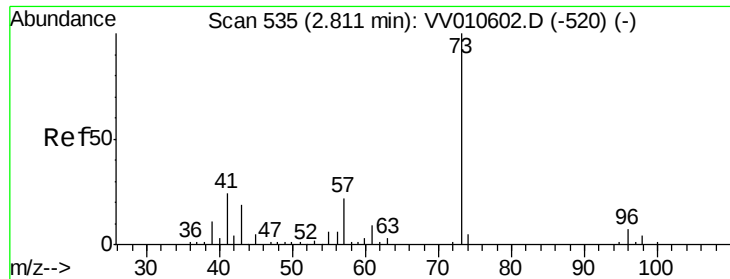
Tgt Ion: 43 Resp: 20431
Ion Ratio Lower Upper
43 100
74 24.1 17.5 26.3



#16
Methylene chloride
Concen: 9.631 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Tgt Ion: 84 Resp: 58104
Ion Ratio Lower Upper
84 100
86 64.3 44.2 82.0
49 119.6 77.8 144.6





#17

Methyl tert-butyl Ether

Concen: 11.561 ug/L

RT: 2.81 min Scan# 535

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

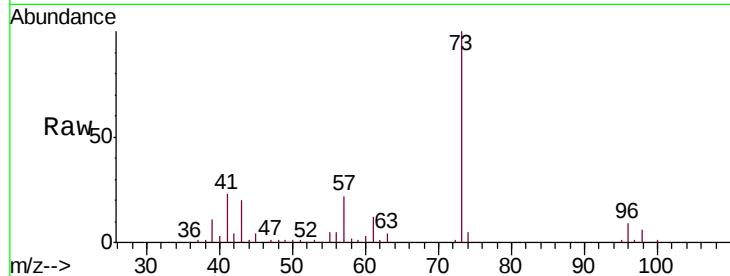
Tgt Ion: 73 Resp: 124518

Ion Ratio Lower Upper

73 100

43 20.0 16.1 24.1

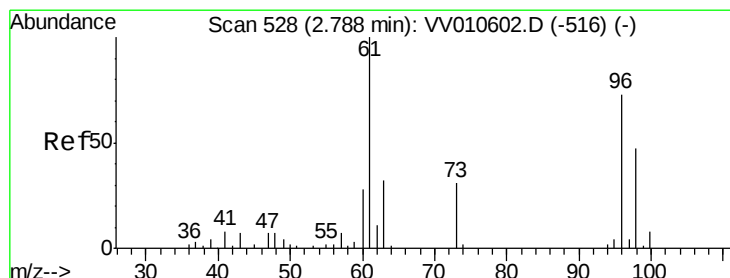
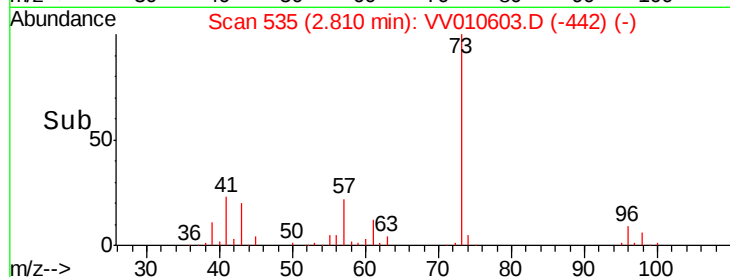
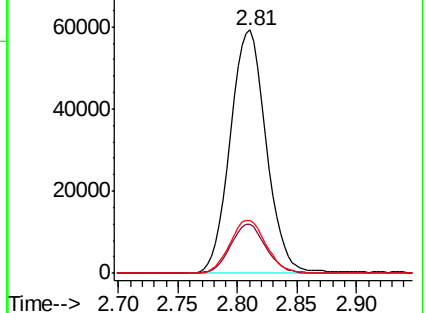
57 22.1 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 11.327 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

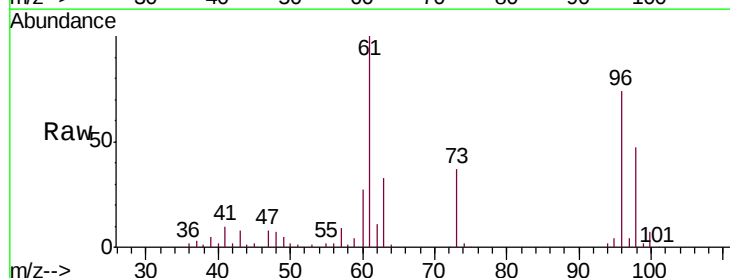
Tgt Ion: 96 Resp: 59332

Ion Ratio Lower Upper

96 100

61 134.7 96.2 178.6

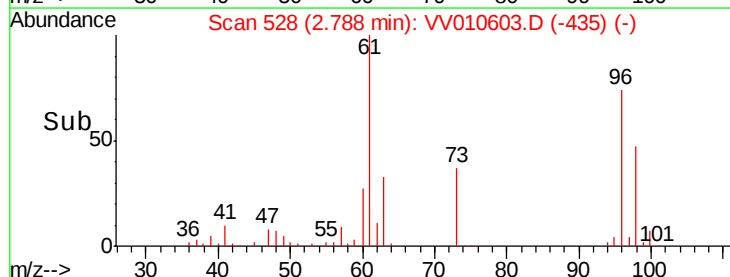
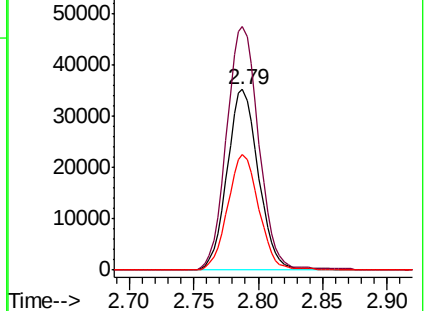
98 63.7 44.9 83.3

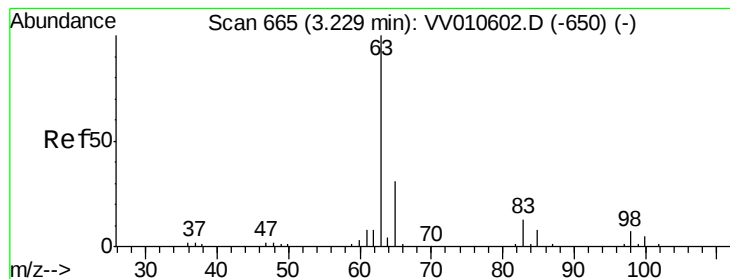


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#19

1,1-Dichloroethane

Concen: 11.388 ug/L

RT: 3.23 min Scan# 665

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

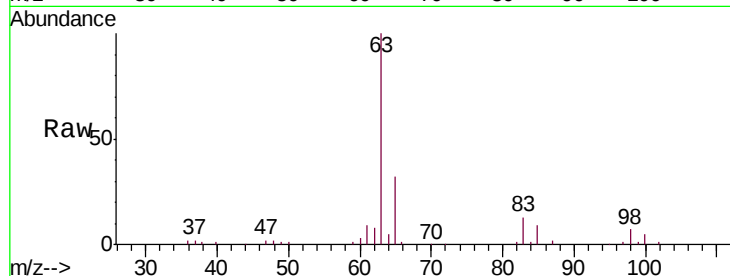
Tgt Ion: 63 Resp: 111105

Ion Ratio Lower Upper

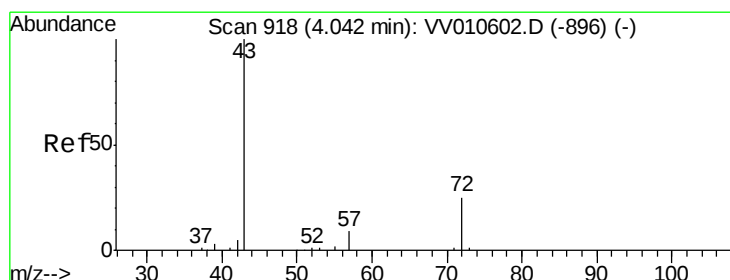
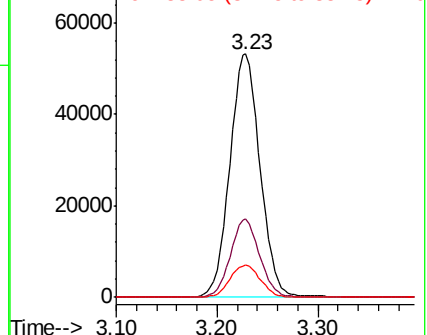
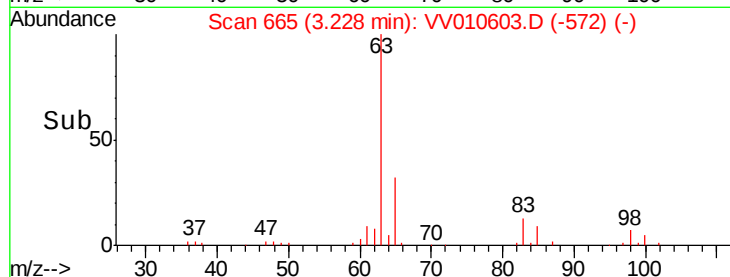
63 100

65 32.0 21.3 39.6

83 13.3 9.0 16.6



Abundance Ion 63.10 (62.80 to 63.80): VV010603.D (-572) (-)



#21

2-Butanone

Concen: 119.022 ug/L

RT: 4.04 min Scan# 916

Delta R.T. -0.01 min

Lab File: VV010603.D

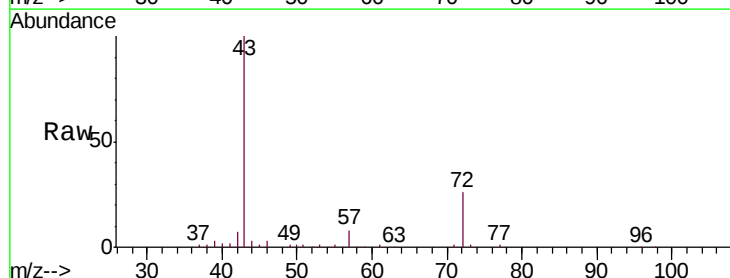
Acq: 01 May 2019 13:37

Tgt Ion: 43 Resp: 133930

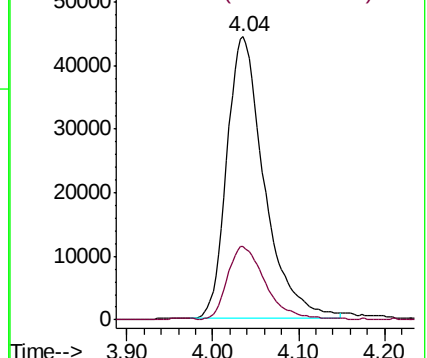
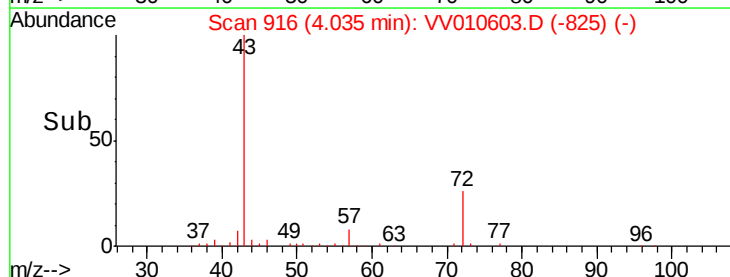
Ion Ratio Lower Upper

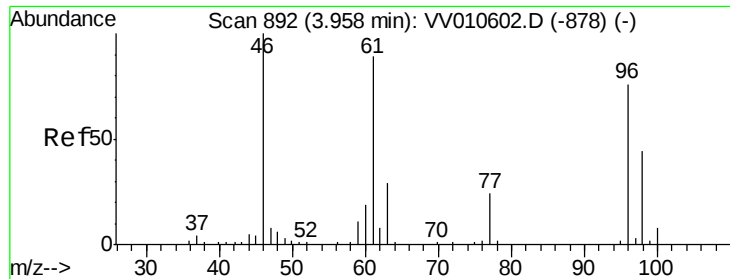
43 100

72 26.3 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV010603.D (-825) (-)



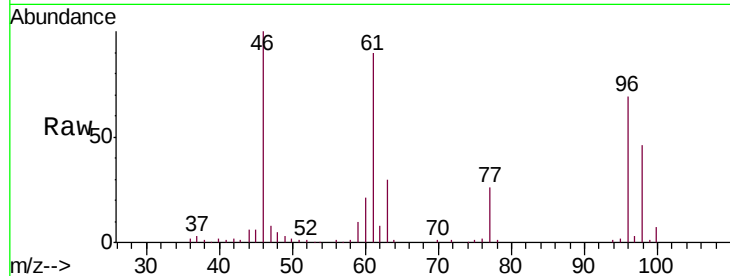


#22

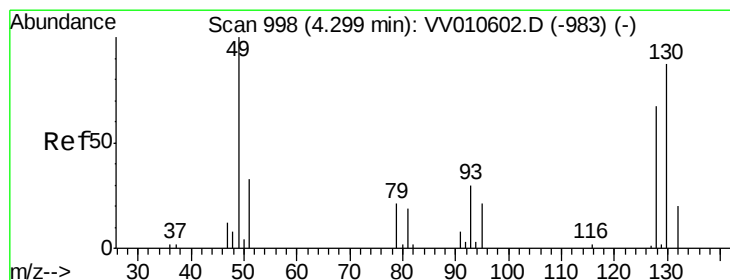
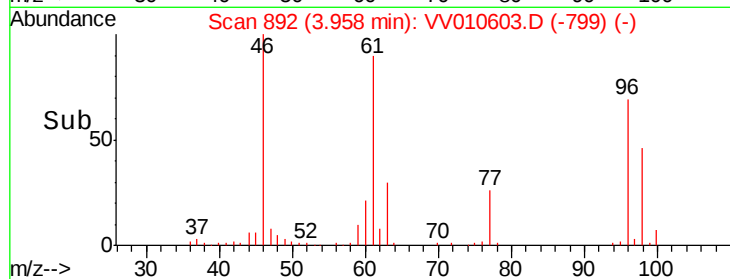
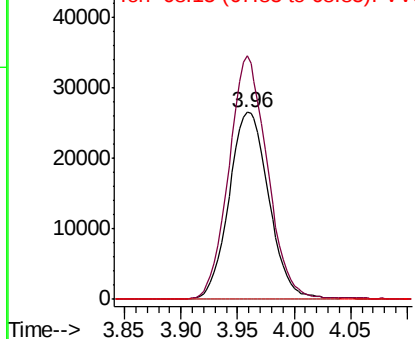
cis-1,2-Dichloroethene
Concen: 11.200 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

Tgt Ion: 96 Resp: 64929
Ion Ratio Lower Upper
96 100
61 130.2 82.3 152.9
68 0.0 0.0 0.0



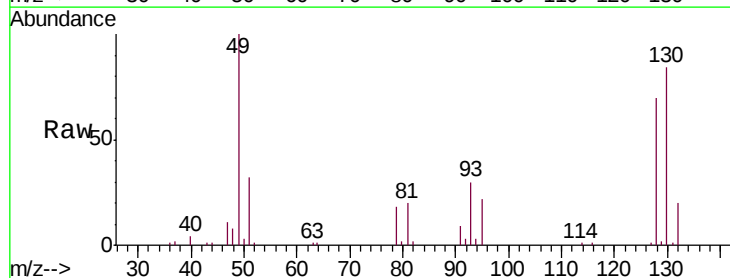
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



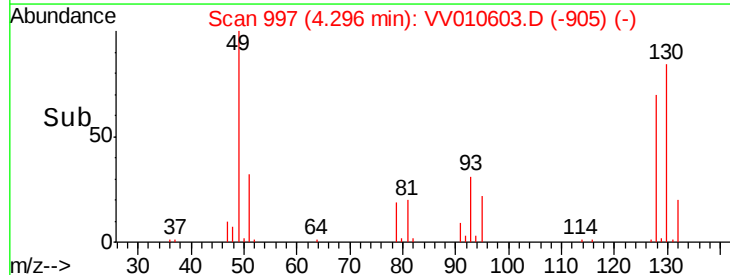
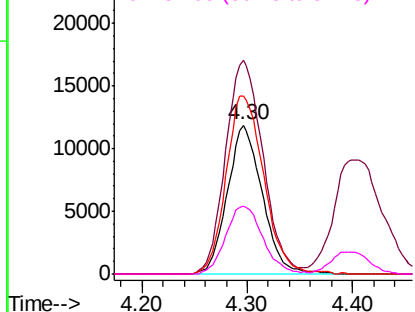
#23

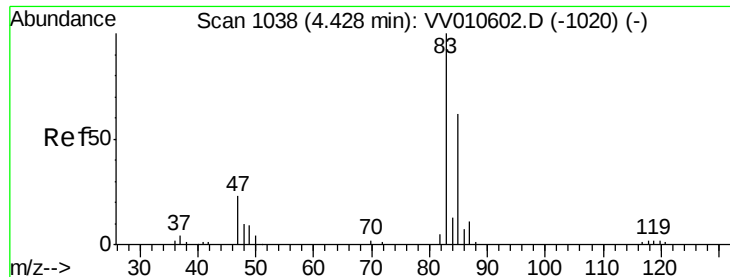
Bromochloromethane
Concen: 11.637 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Tgt Ion: 128 Resp: 27178
Ion Ratio Lower Upper
128 100
49 143.6 104.4 193.8
130 120.1 90.4 167.8
51 45.3 39.9 59.9



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

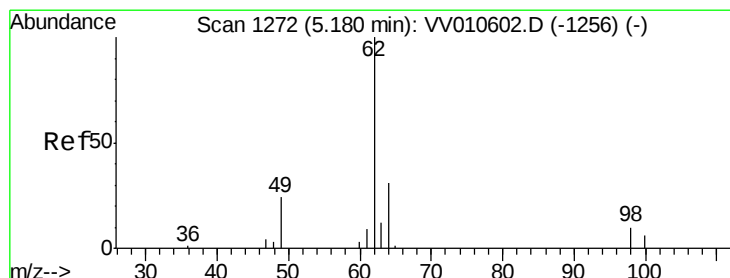
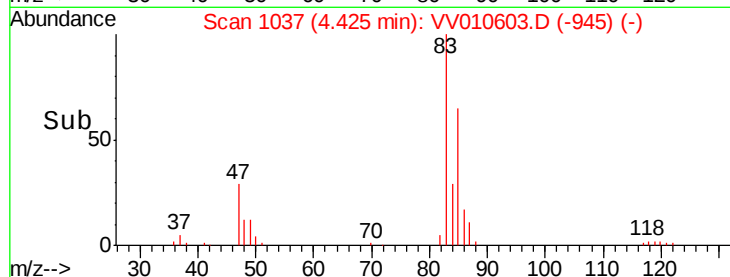
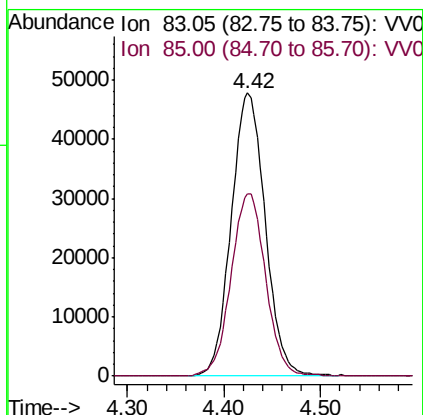
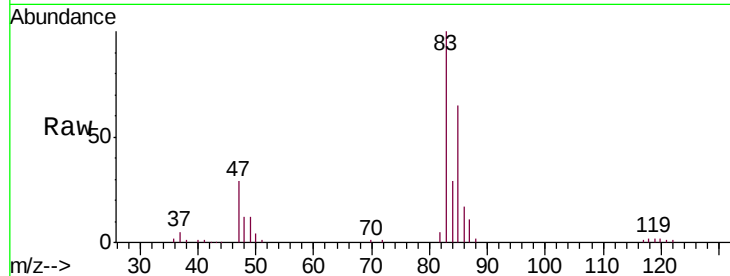




#25
Chloroform
Concen: 11.206 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

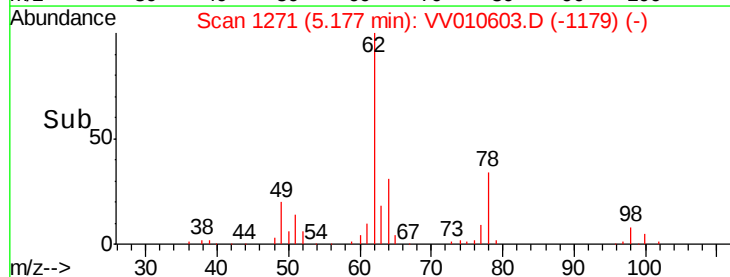
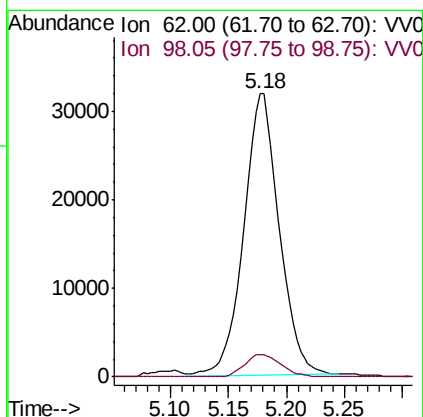
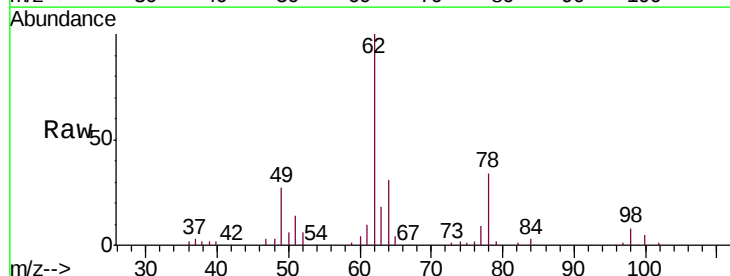
Instrument :
MSVOA_V
ClientSampled :
VSTD01039

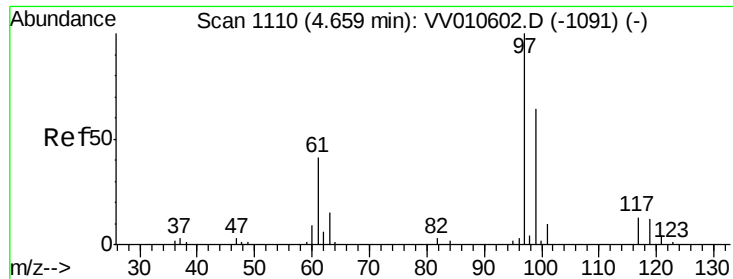
Tgt Ion: 83 Resp: 116930
Ion Ratio Lower Upper
83 100
85 64.6 43.7 81.1



#27
1,2-Dichloroethane
Concen: 11.535 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Tgt Ion: 62 Resp: 67761
Ion Ratio Lower Upper
62 100
98 8.0 7.7 11.5

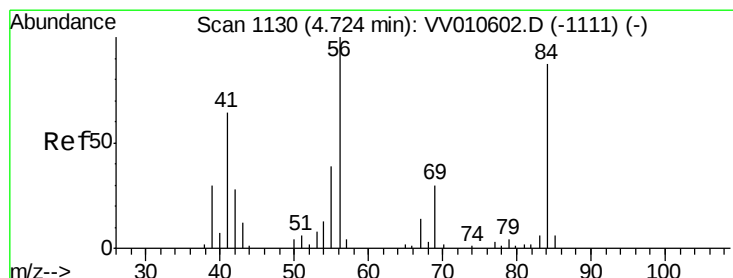
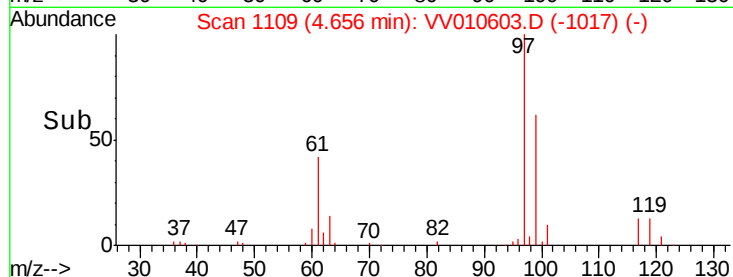
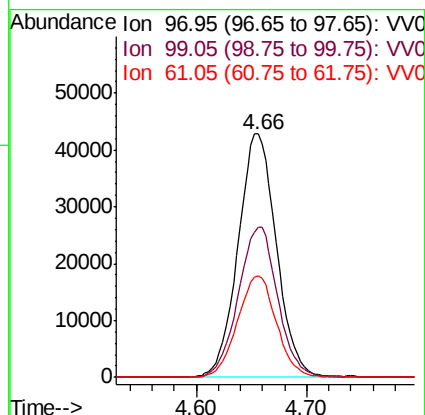
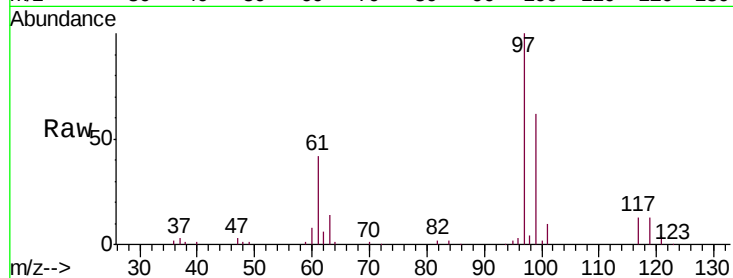




#29
 1,1,1-Trichloroethane
 Concen: 10.734 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

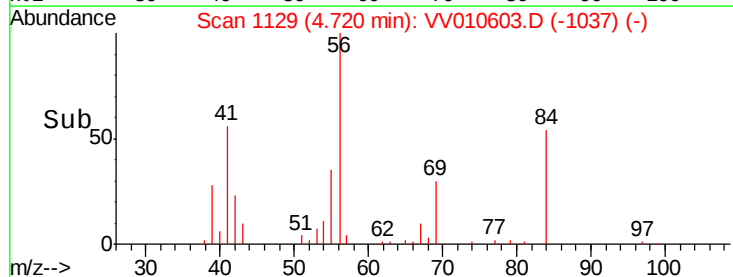
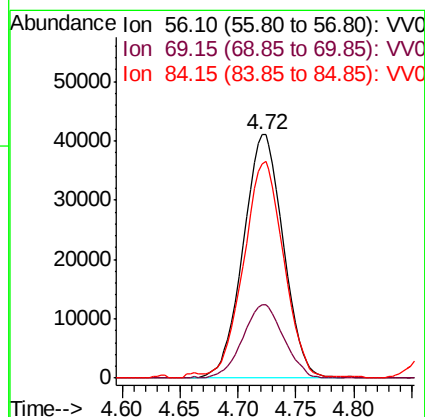
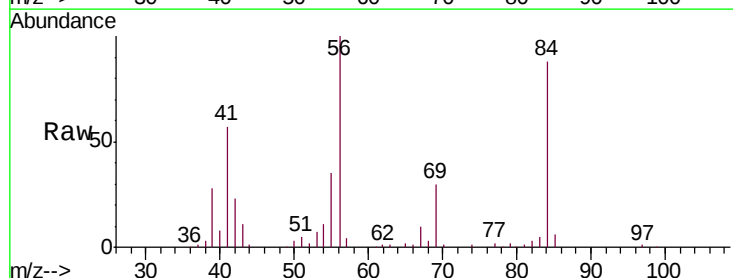
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01039

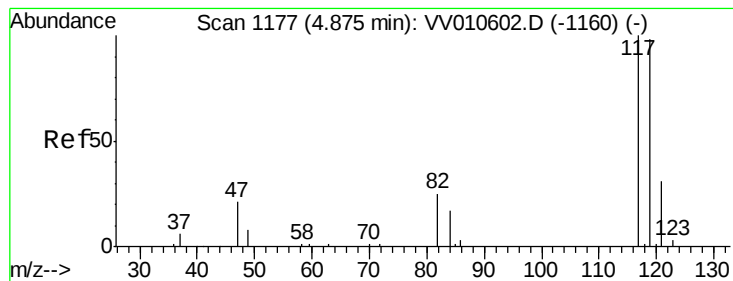
Tgt Ion: 97 Resp: 103153
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.4 77.0
 61 42.2 34.6 52.0



#30
 Cyclohexane
 Concen: 11.126 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Tgt Ion: 56 Resp: 98748
 Ion Ratio Lower Upper
 56 100
 69 30.7 24.7 37.1
 84 87.8 71.4 107.2





#31

Carbon tetrachloride

Concen: 10.669 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

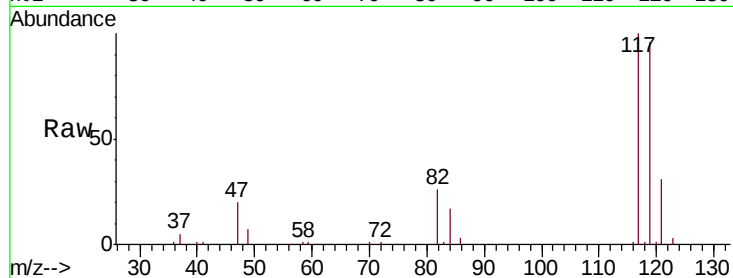
VSTD01039

Tgt Ion:117 Resp: 93758

Ion Ratio Lower Upper

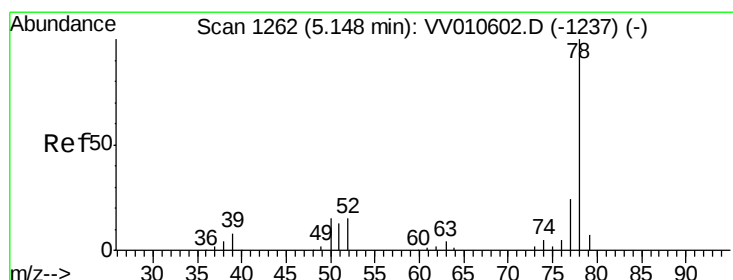
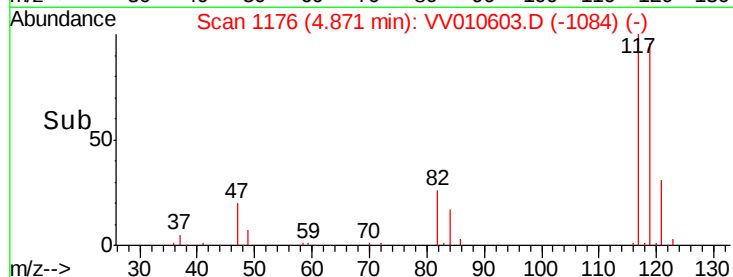
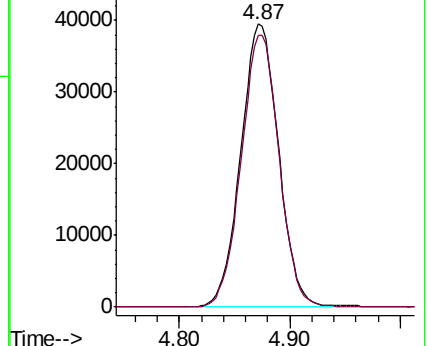
117 100

119 96.3 78.1 117.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 10.872 ug/L

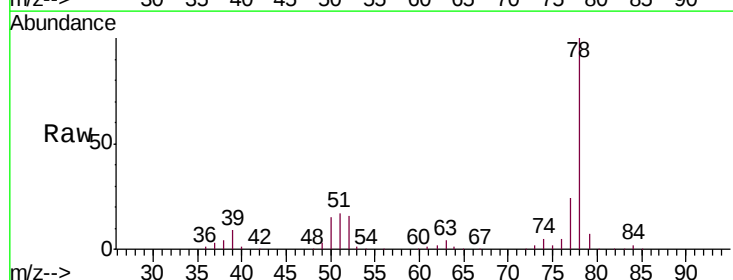
RT: 5.14 min Scan# 1261

Delta R.T. -0.00 min

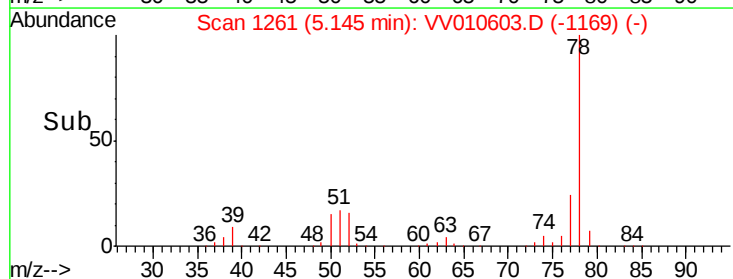
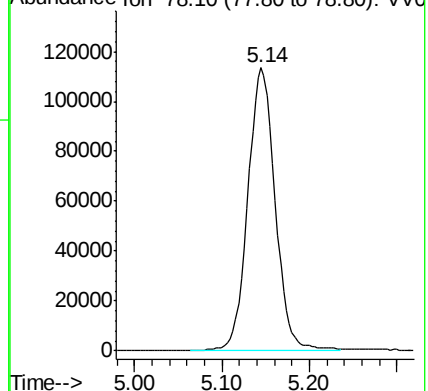
Lab File: VV010603.D

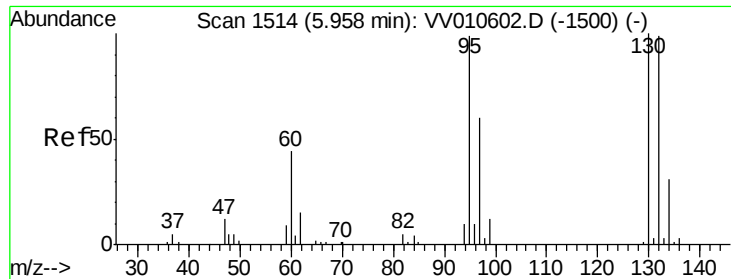
Acq: 01 May 2019 13:37

Tgt Ion: 78 Resp: 246694



Abundance Ion 78.10 (77.80 to 78.80): VV0

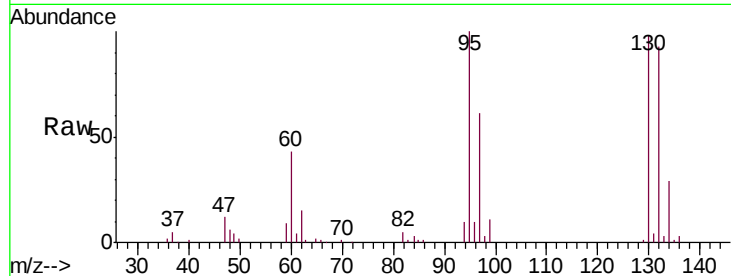




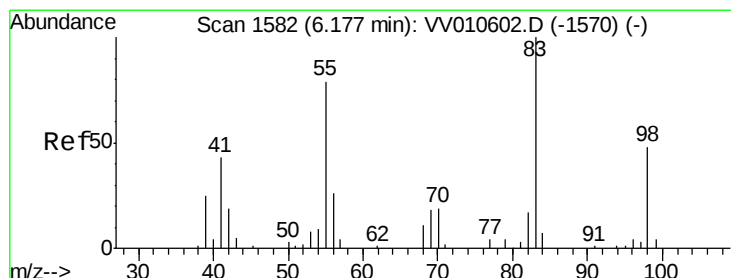
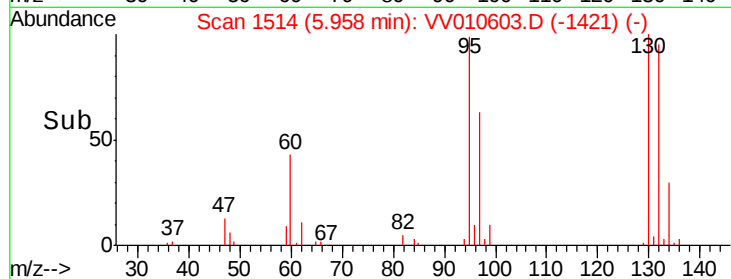
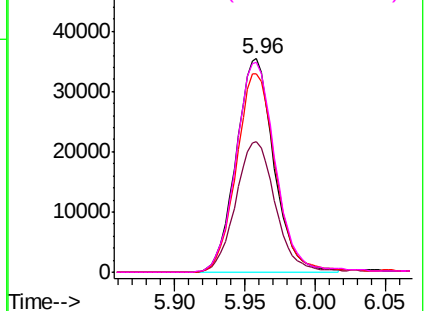
#34
 Trichloroethene
 Concen: 10.156 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01039

Tgt Ion: 95 Resp: 66873
 Ion Ratio Lower Upper
 95 100
 97 61.3 42.4 78.6
 132 93.1 69.3 128.7
 130 98.0 70.3 130.7

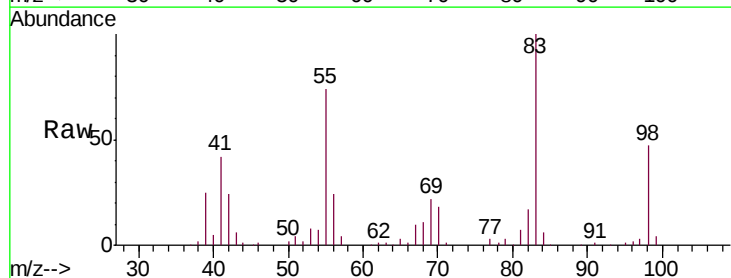


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

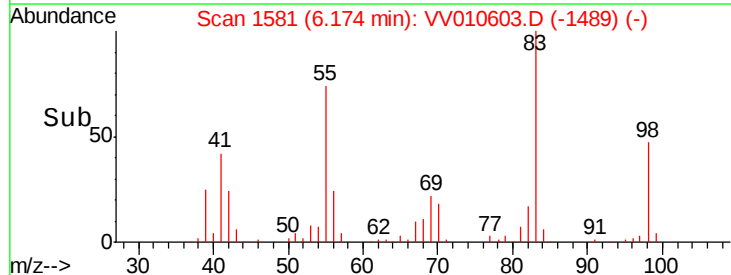
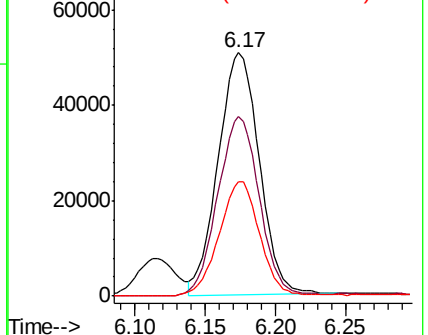


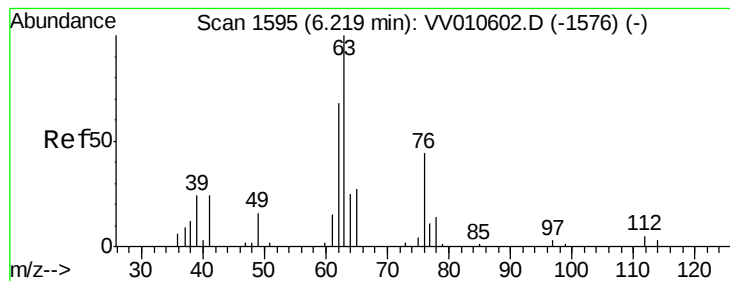
#35
 Methylcyclohexane
 Concen: 11.226 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Tgt Ion: 83 Resp: 103183
 Ion Ratio Lower Upper
 83 100
 55 75.4 63.4 95.0
 98 46.8 38.7 58.1



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 10.508 ug/L

RT: 6.22 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

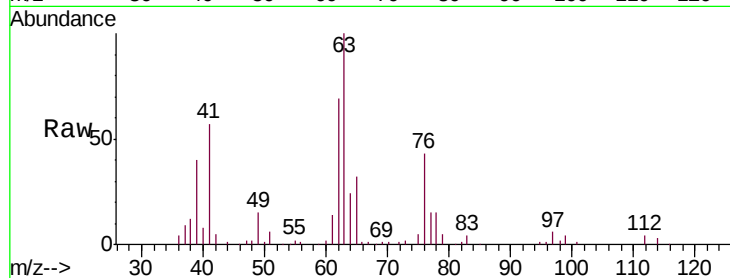
VSTD01039

Tgt Ion: 63 Resp: 59679

Ion Ratio Lower Upper

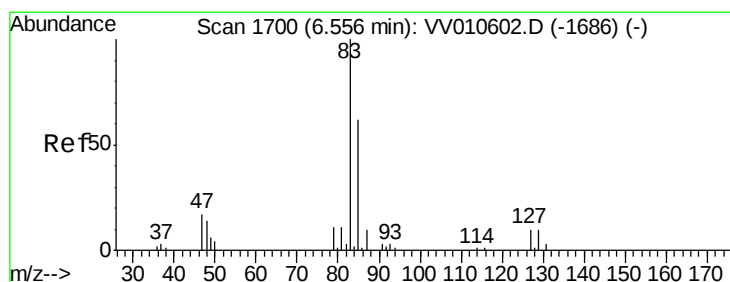
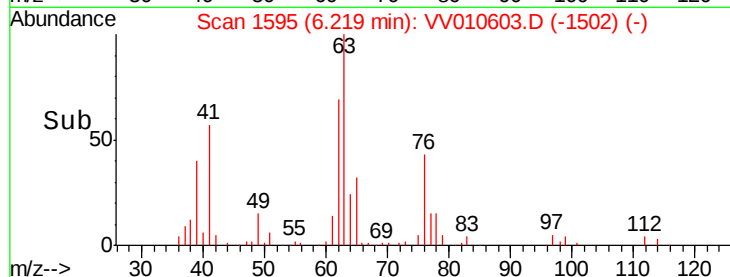
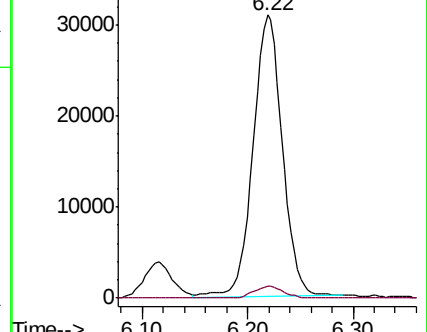
63 100

112 4.2 3.5 5.3



Abundance Ion 63.10 (62.80 to 63.80): VV010603.D (-1502) (-)

Ion 112.10 (111.80 to 112.80): VV010603.D (-1502) (-)



#38

Bromodichloromethane

Concen: 10.800 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

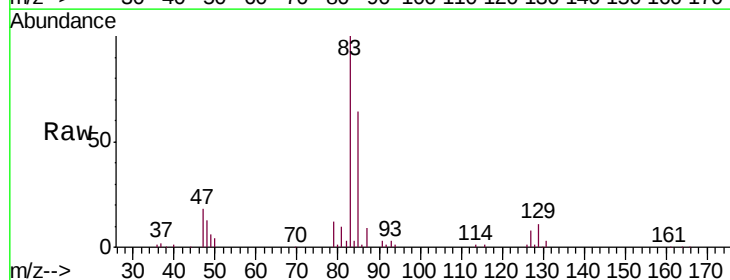
Tgt Ion: 83 Resp: 78968

Ion Ratio Lower Upper

83 100

85 64.4 43.3 80.3

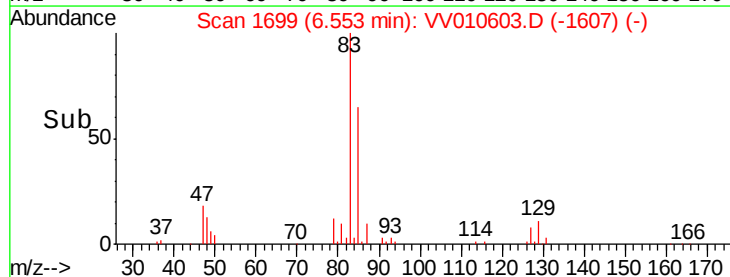
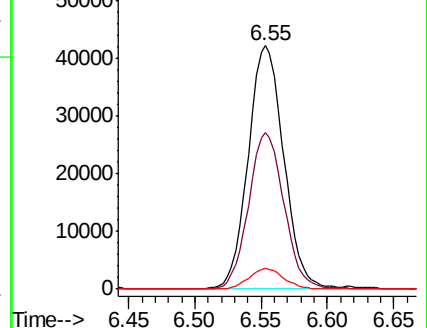
127 8.4 7.8 11.6

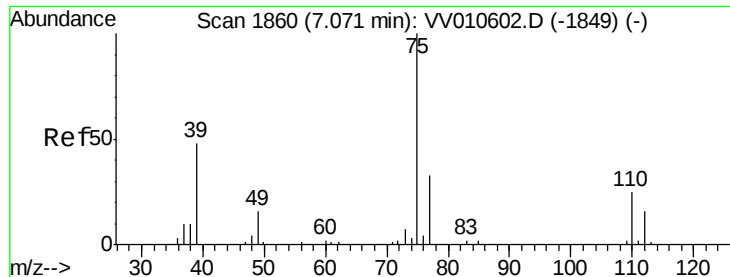


Abundance Ion 82.95 (82.65 to 83.65): VV010603.D (-1607) (-)

Ion 85.00 (84.70 to 85.70): VV010603.D (-1607) (-)

Ion 126.90 (126.60 to 127.60): VV010603.D (-1607) (-)

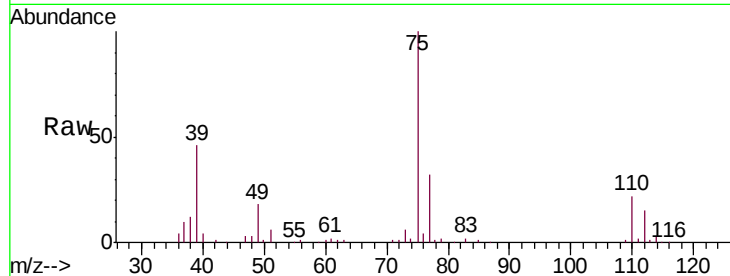




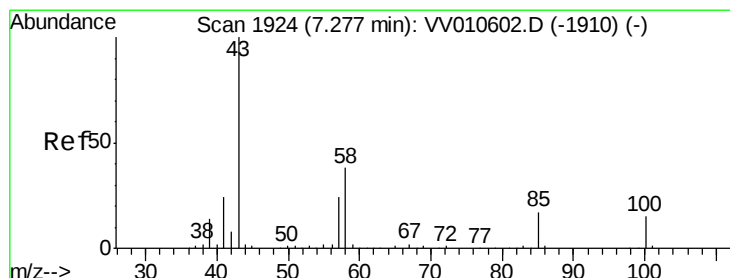
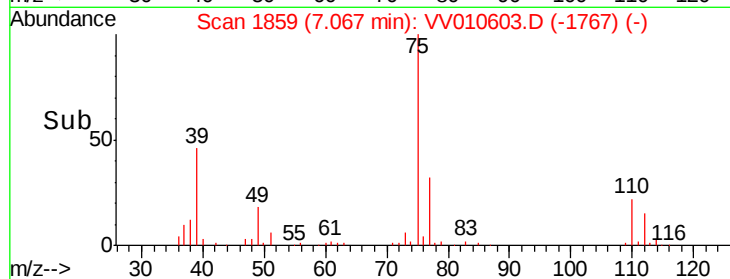
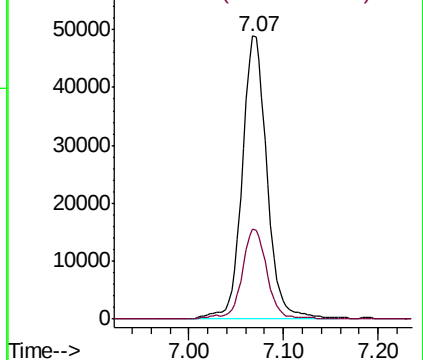
#39
 cis-1,3-Dichloropropene
 Concen: 11.508 ug/L
 RT: 7.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD01039

Tgt Ion: 75 Resp: 89390
 Ion Ratio Lower Upper
 75 100
 77 31.7 23.9 44.3

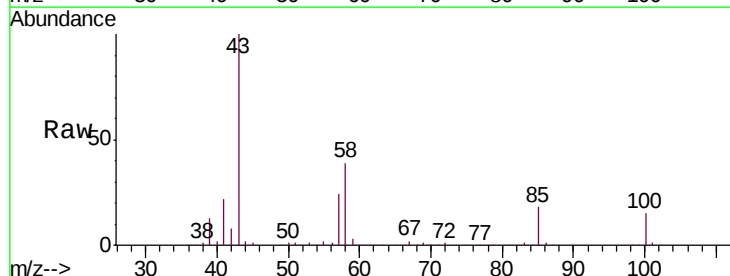


Abundance Ion 75.05 (74.75 to 75.75): VV0
 Ion 77.05 (76.75 to 77.75): VV0

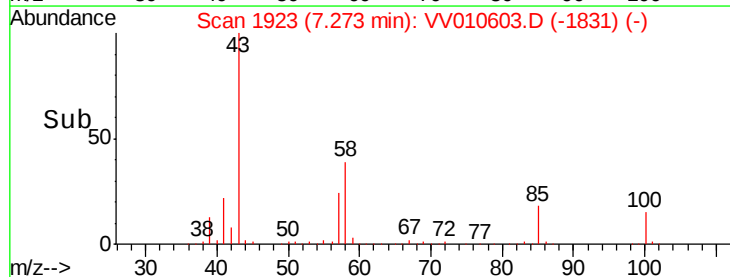
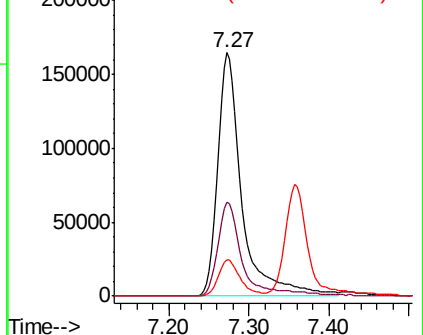


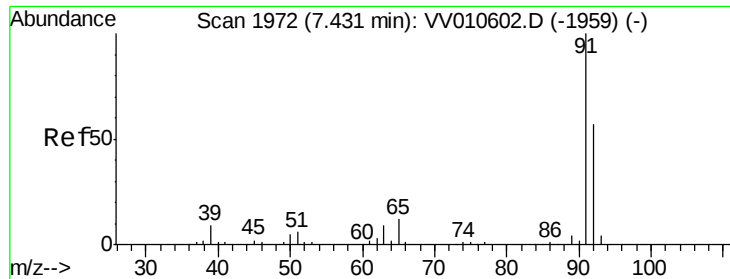
#40
 4-Methyl-2-pentanone
 Concen: 113.720 ug/L
 RT: 7.27 min Scan# 1923
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Tgt Ion: 43 Resp: 345842
 Ion Ratio Lower Upper
 43 100
 58 39.4 30.5 45.7
 100 13.6 10.8 16.2



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





#42

Toluene

Concen: 11.311 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

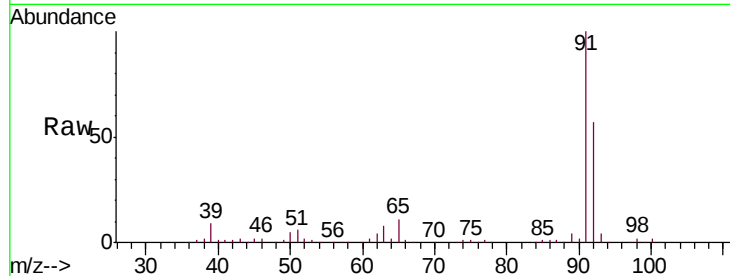
VSTD01039

Tgt Ion: 91 Resp: 287830

Ion Ratio Lower Upper

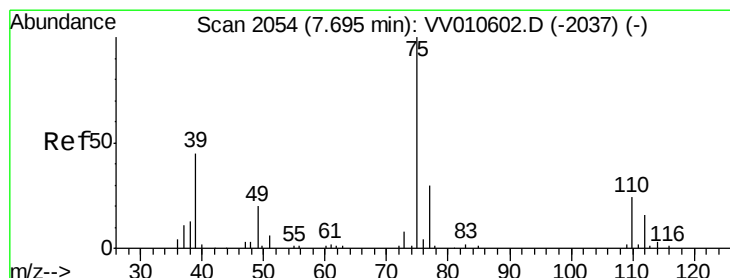
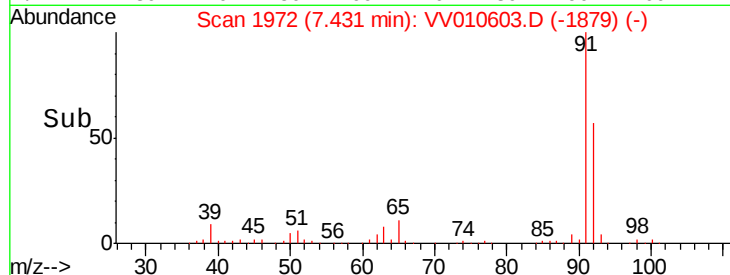
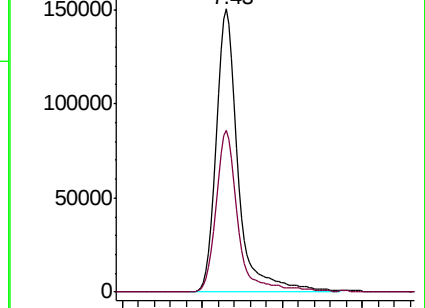
91 100

92 57.1 40.0 74.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 11.605 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV010603.D

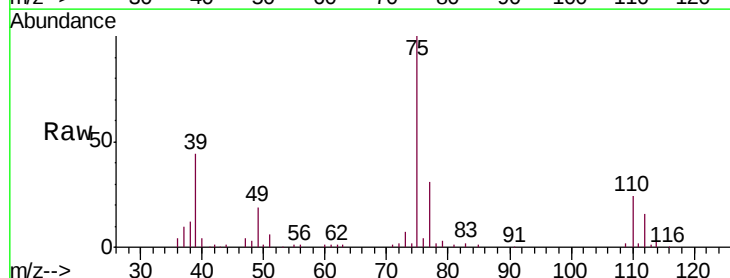
Acq: 01 May 2019 13:37

Tgt Ion: 75 Resp: 68665

Ion Ratio Lower Upper

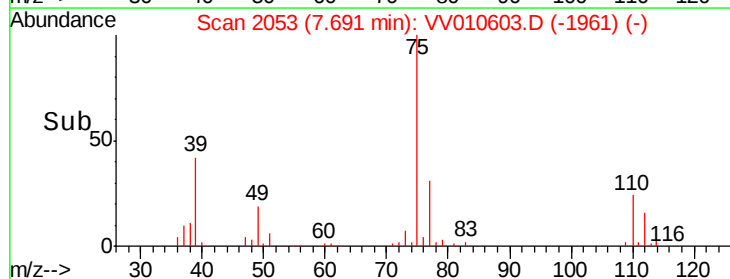
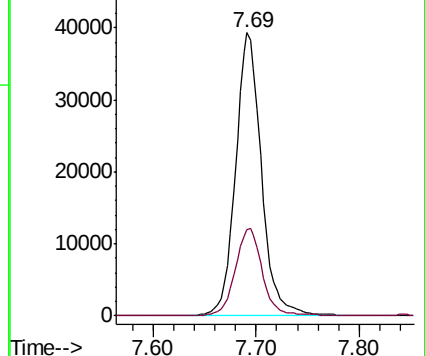
75 100

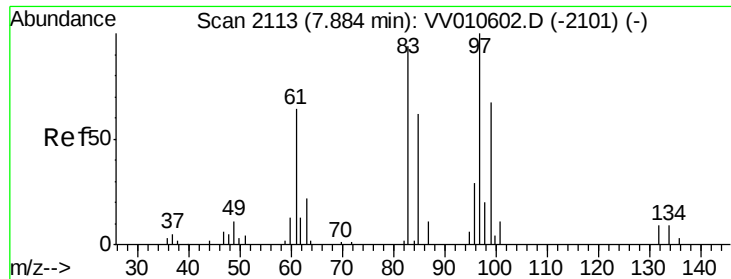
77 30.6 21.1 39.1



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

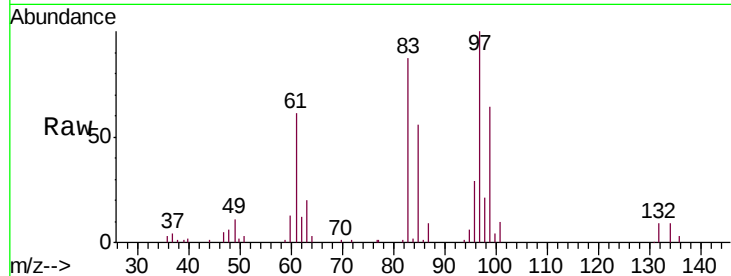




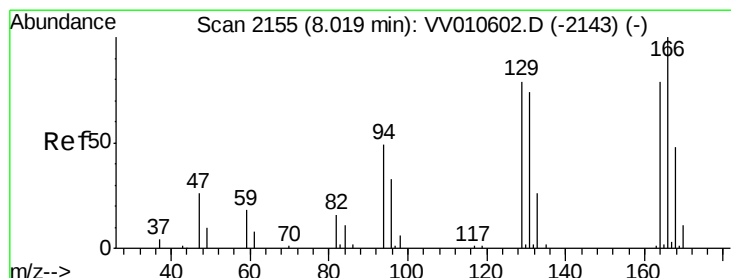
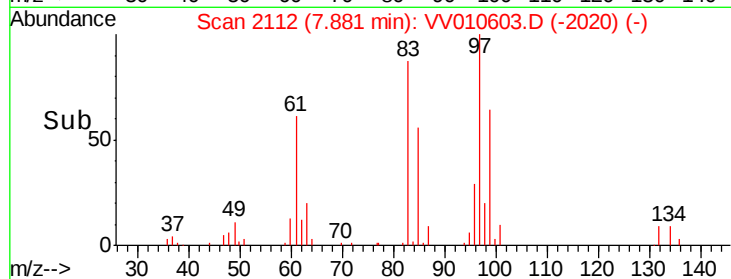
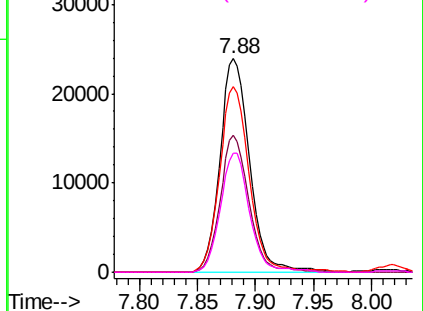
#45
 1,1,2-Trichloroethane
 Concen: 11.238 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01039

Tgt Ion:	97	Resp:	42633
Ion	Ratio	Lower	Upper
97	100		
99	64.2	47.1	87.5
83	86.9	65.9	122.5
85	55.9	43.2	80.2

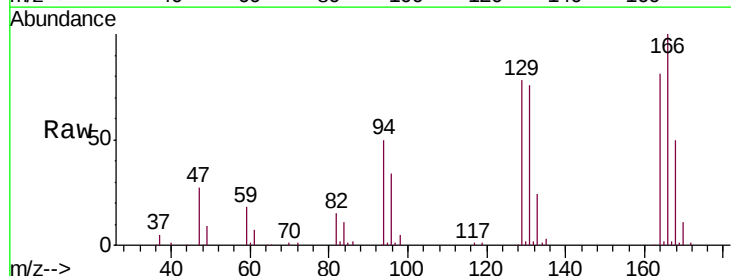


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

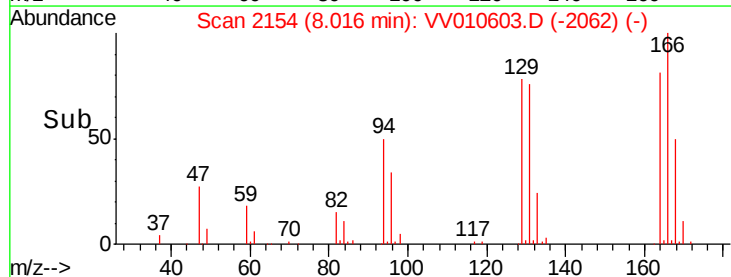
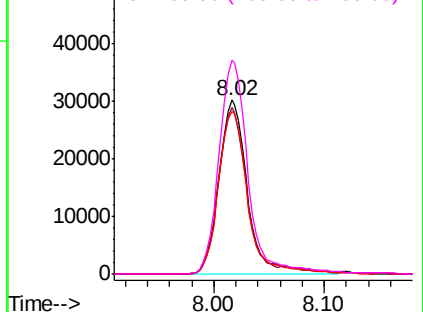


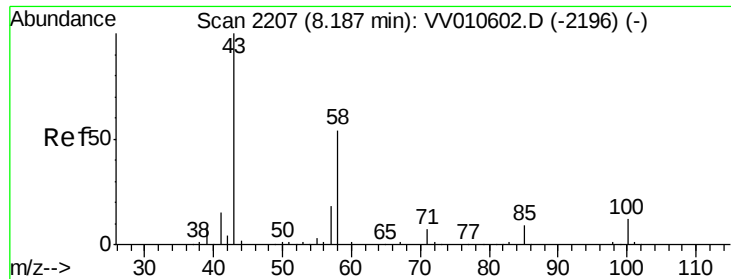
#47
 Tetrachloroethene
 Concen: 10.759 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Tgt Ion:	164	Resp:	54266
Ion	Ratio	Lower	Upper
164	100		
129	96.1	69.9	129.7
131	93.7	65.6	121.8
166	123.1	88.9	165.1



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

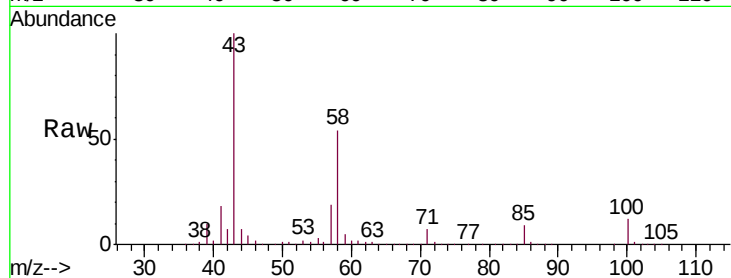




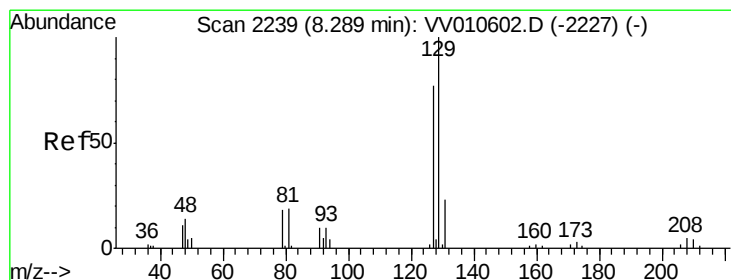
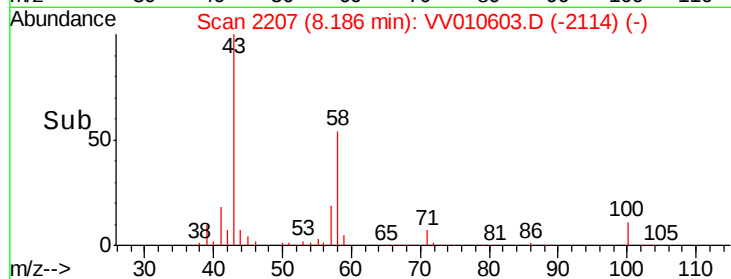
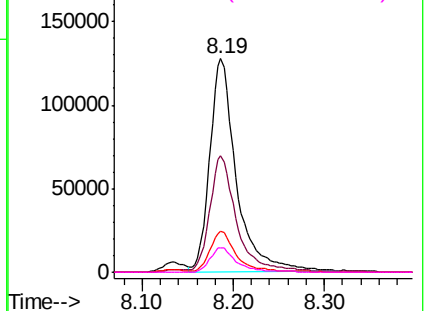
#48
2-Hexanone
Concen: 117.465 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

Tgt Ion: 43 Resp: 257663
Ion Ratio Lower Upper
43 100
58 55.4 42.9 64.3
57 18.8 13.9 20.9
100 11.8 9.3 13.9

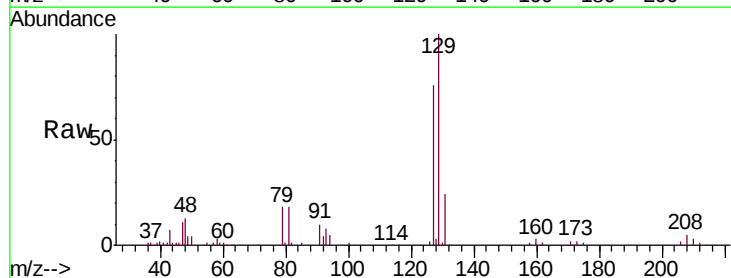


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

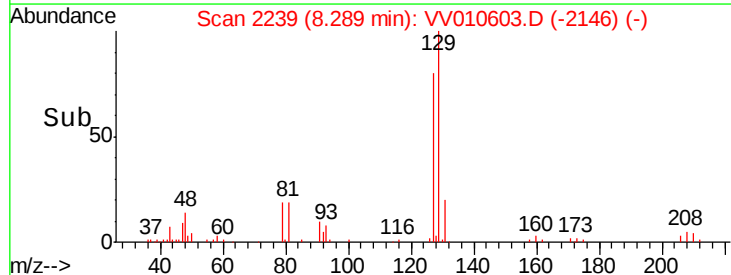
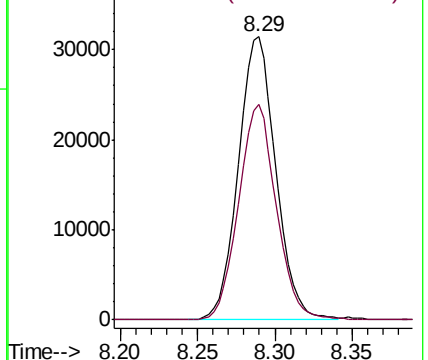


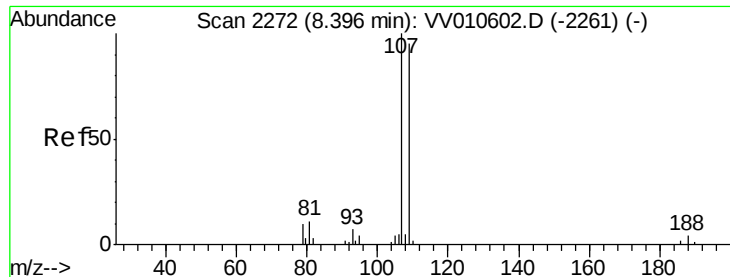
#49
Dibromochloromethane
Concen: 11.336 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Tgt Ion: 129 Resp: 52959
Ion Ratio Lower Upper
129 100
127 76.2 53.7 99.7



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

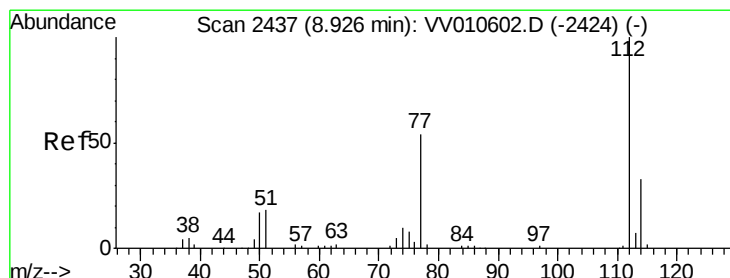
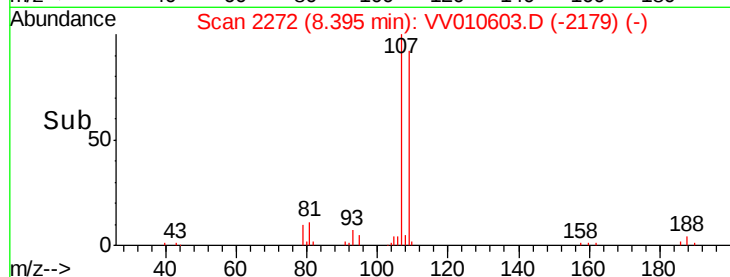
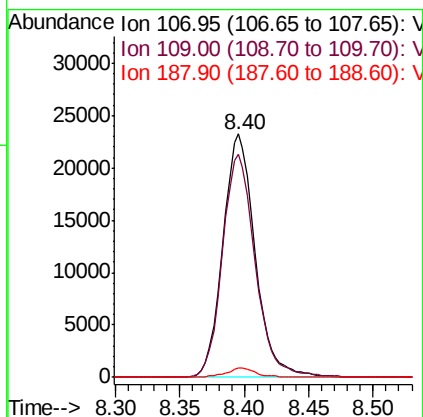
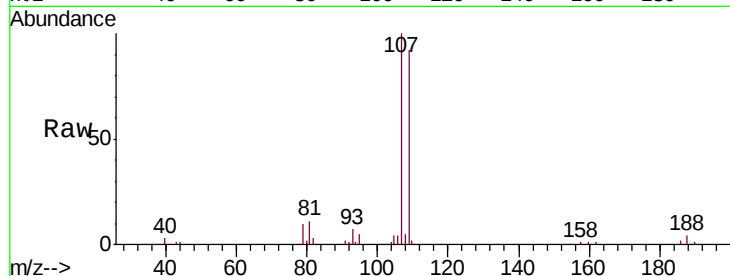




#50
1,2-Dibromoethane
Concen: 11.093 ug/L
RT: 8.40 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

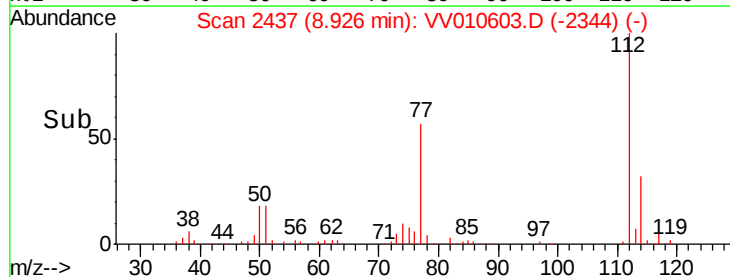
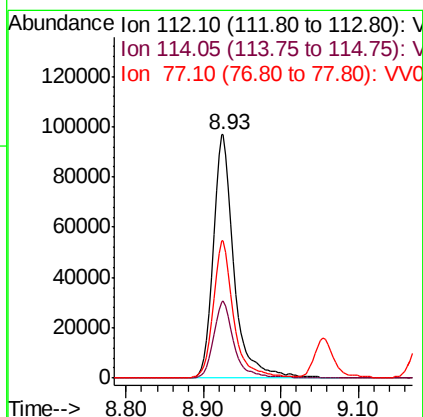
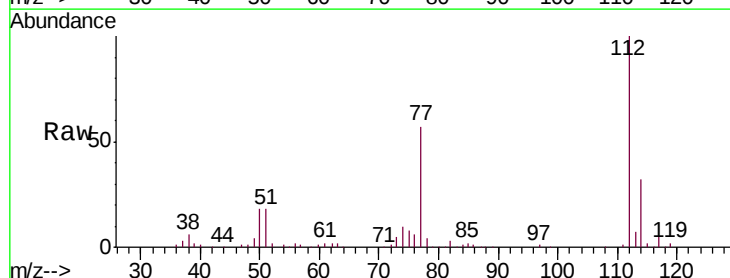
Instrument :
MSVOA_V
ClientSampleId :
VSTD01039

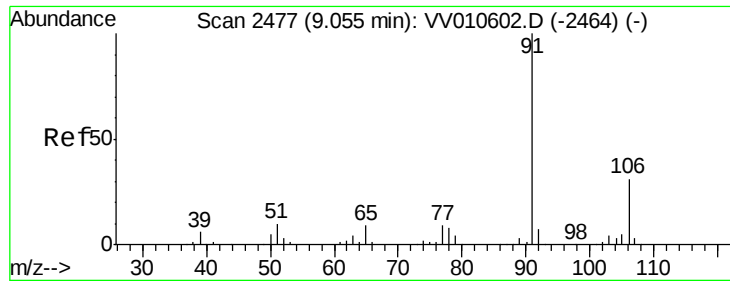
Tgt Ion:107 Resp: 40311
Ion Ratio Lower Upper
107 100
109 91.9 66.3 123.1
188 3.7 3.3 4.9



#51
Chlorobenzene
Concen: 11.069 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV010603.D
Acq: 01 May 2019 13:37

Tgt Ion:112 Resp: 184783
Ion Ratio Lower Upper
112 100
114 31.7 23.3 43.3
77 56.5 43.8 65.8





#52

Ethylbenzene

Concen: 11.448 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

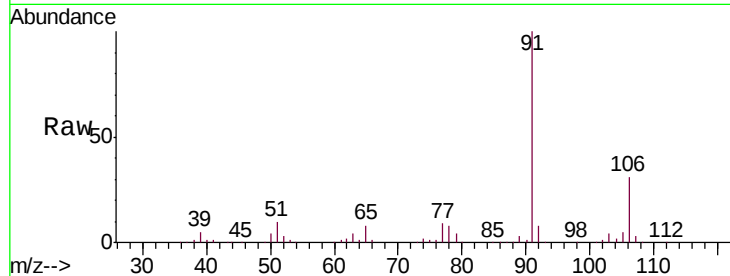
VSTD01039

Tgt Ion: 91 Resp: 314675

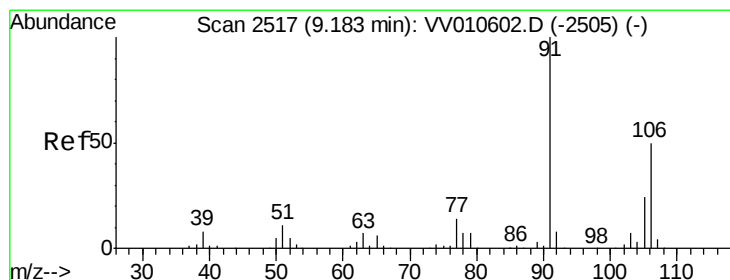
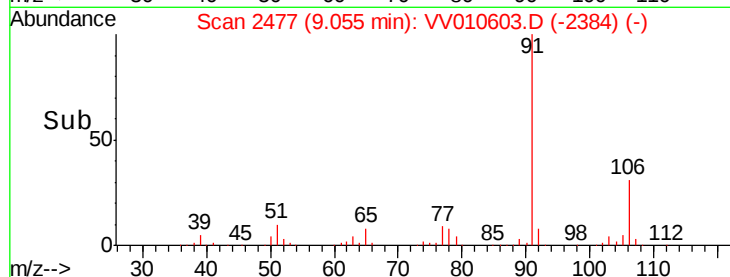
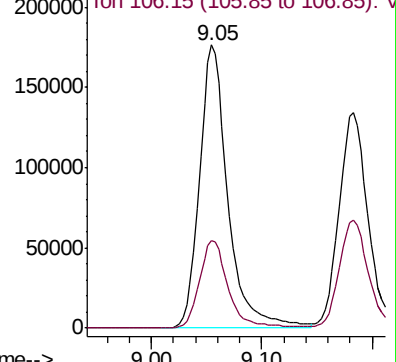
Ion Ratio Lower Upper

91 100

106 31.1 22.0 40.8



Abundance Ion 91.15 (90.85 to 91.85): VV010603.D (-2384) (-)



#53

m,p-xylene

Concen: 12.174 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV010603.D

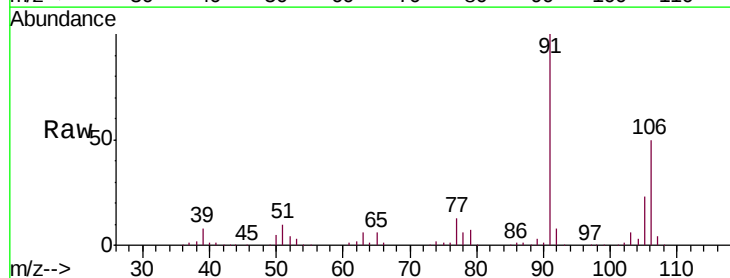
Acq: 01 May 2019 13:37

Tgt Ion: 106 Resp: 127435

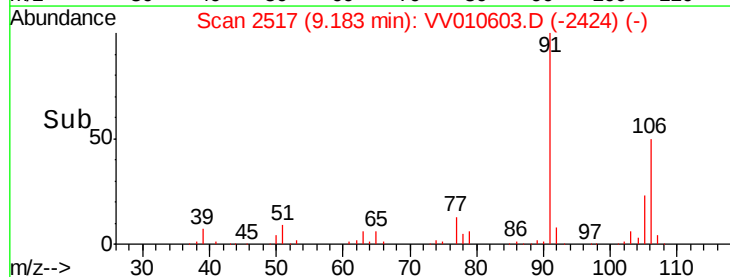
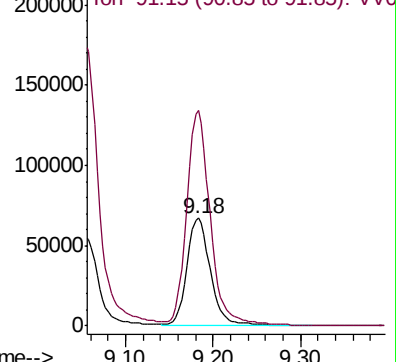
Ion Ratio Lower Upper

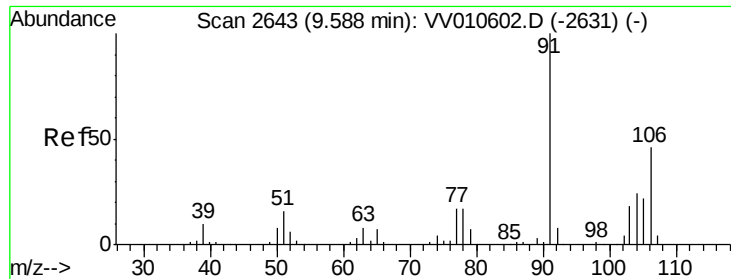
106 100

91 200.2 139.4 258.8



Abundance Ion 106.15 (105.85 to 106.85): VV010603.D (-2424) (-)





#54

o-xylene

Concen: 11.750 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

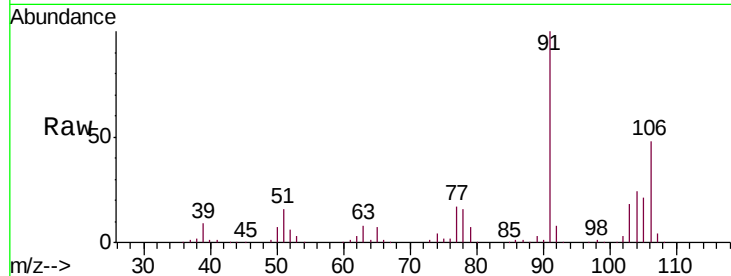
VSTD01039

Tgt Ion:106 Resp: 121166

Ion Ratio Lower Upper

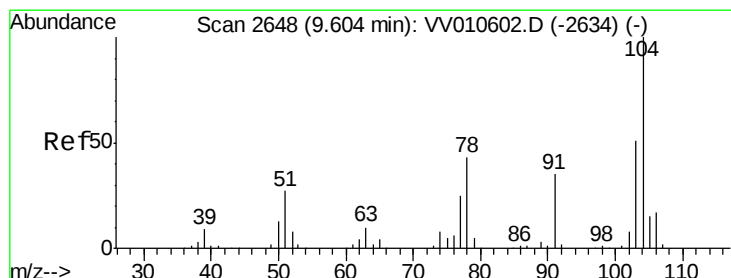
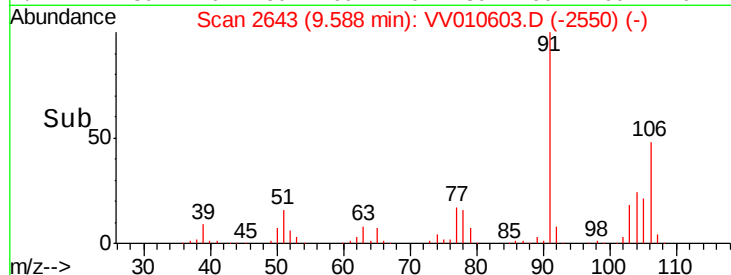
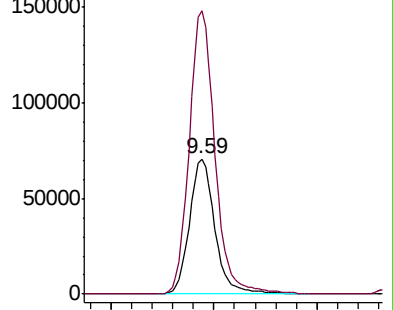
106 100

91 209.6 151.9 282.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 12.080 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. -0.00 min

Lab File: VV010603.D

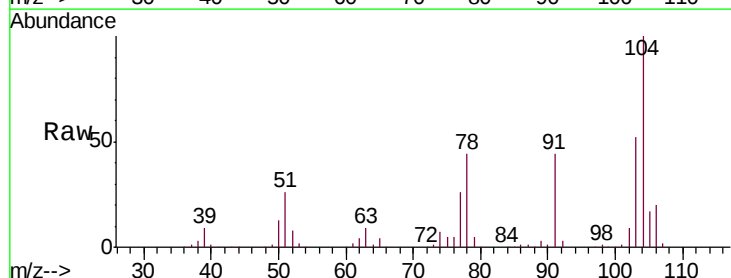
Acq: 01 May 2019 13:37

Tgt Ion:104 Resp: 203663

Ion Ratio Lower Upper

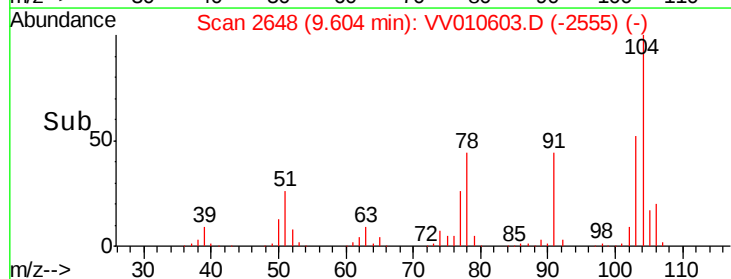
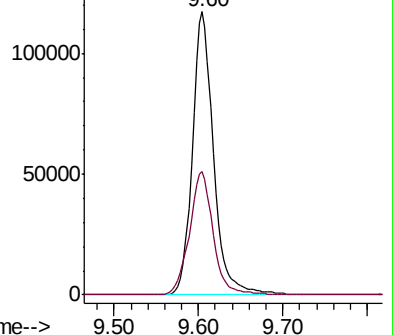
104 100

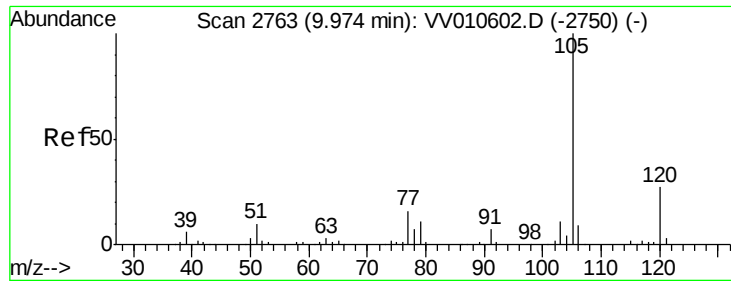
78 43.6 30.5 56.7



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 11.894 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

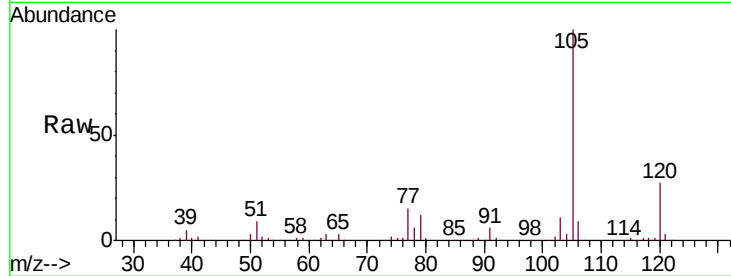
Tgt Ion: 105 Resp: 314928

Ion Ratio Lower Upper

105 100

120 26.8 22.0 33.0

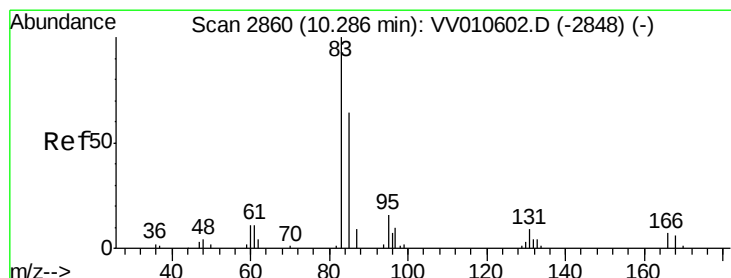
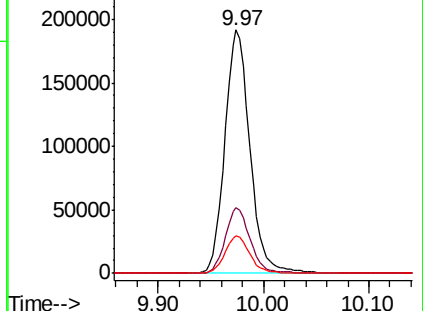
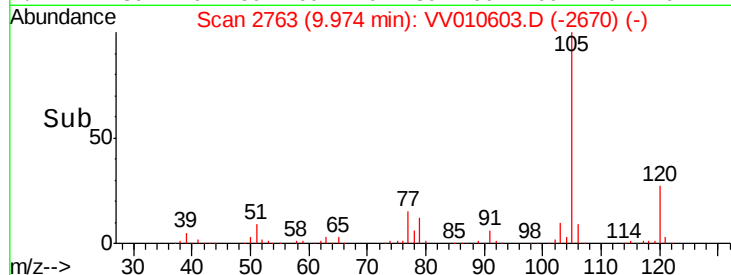
77 15.4 12.9 19.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 10.358 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

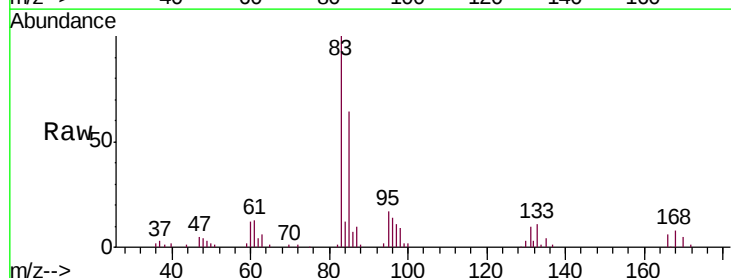
Tgt Ion: 83 Resp: 48633

Ion Ratio Lower Upper

83 100

85 64.3 44.7 83.1

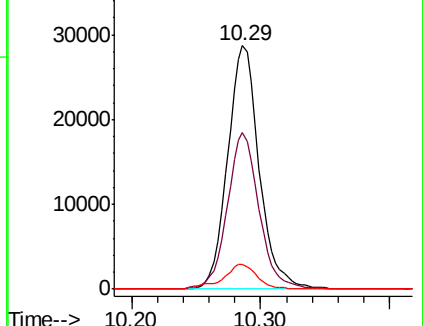
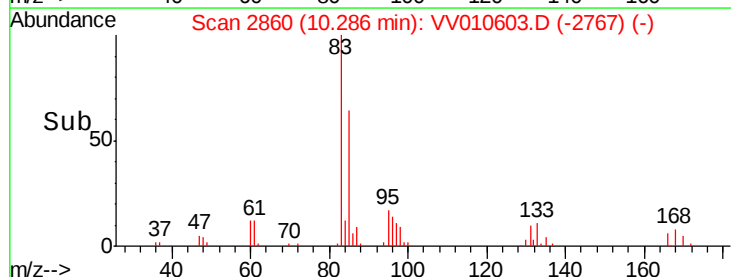
131 9.9 8.1 12.1

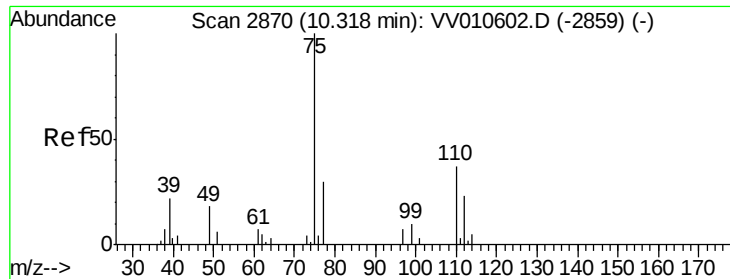


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 10.676 ug/L

RT: 10.32 min Scan# 2870

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

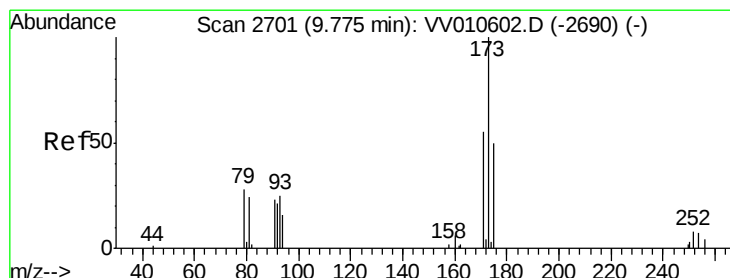
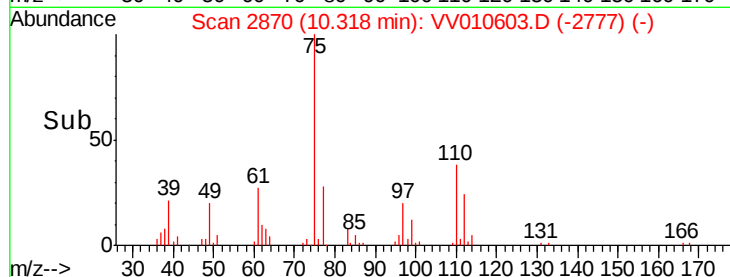
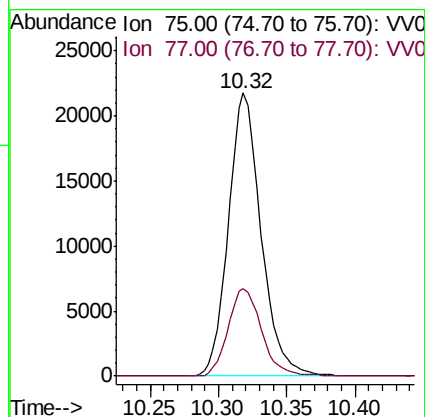
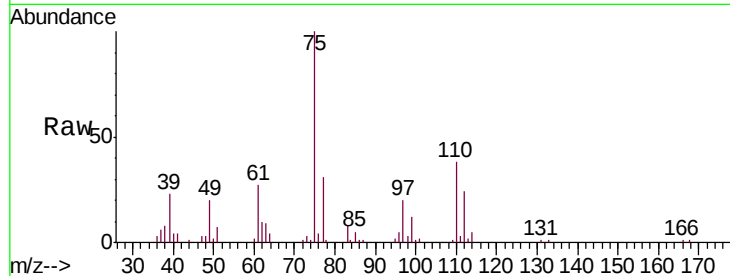
VSTD01039

Tgt Ion: 75 Resp: 36163

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#61

Bromoform

Concen: 11.240 ug/L

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

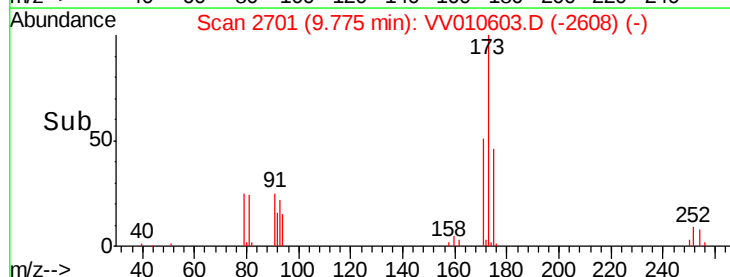
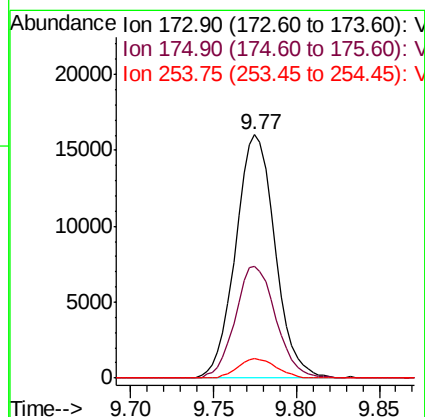
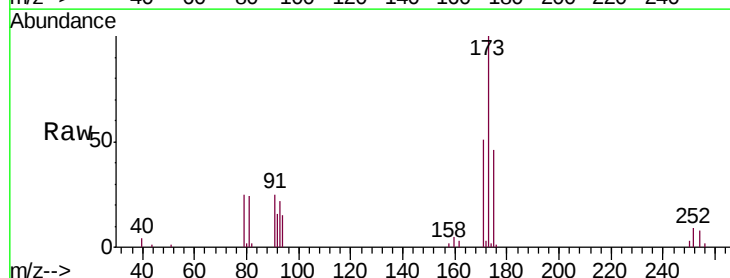
Tgt Ion: 173 Resp: 26490

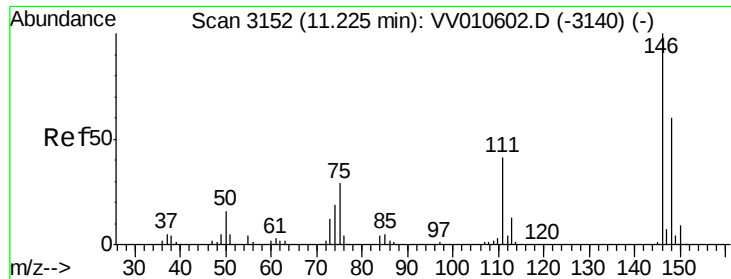
Ion Ratio Lower Upper

173 100

175 47.4 36.7 55.1

254 7.8 5.9 8.9





#62

1,3-Dichlorobenzene

Concen: 10.932 ug/L

RT: 11.22 min Scan# 3152

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

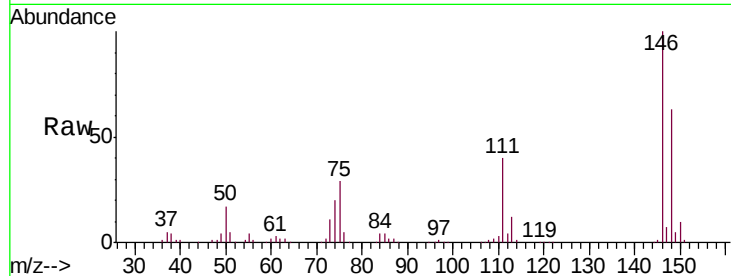
Tgt Ion:146 Resp: 139733

Ion Ratio Lower Upper

146 100

111 40.1 28.8 53.6

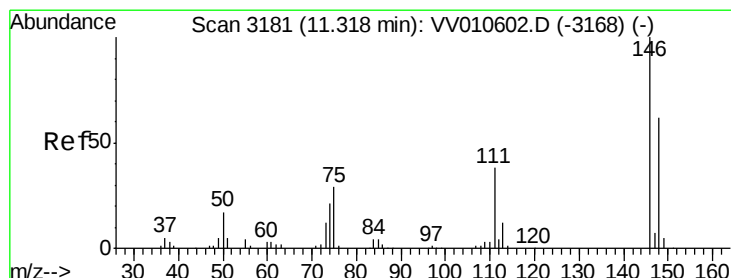
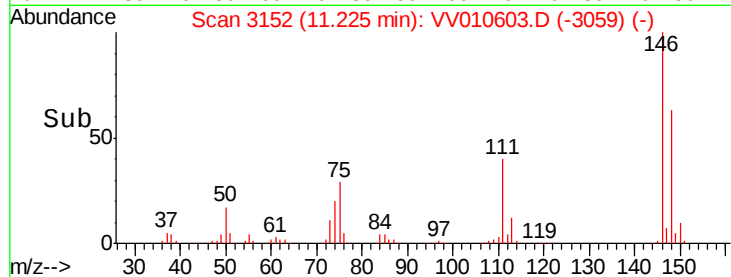
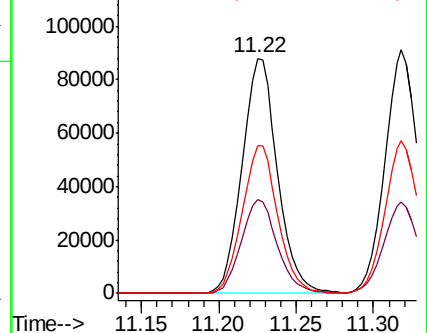
148 62.7 42.3 78.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 10.841 ug/L

RT: 11.32 min Scan# 3181

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

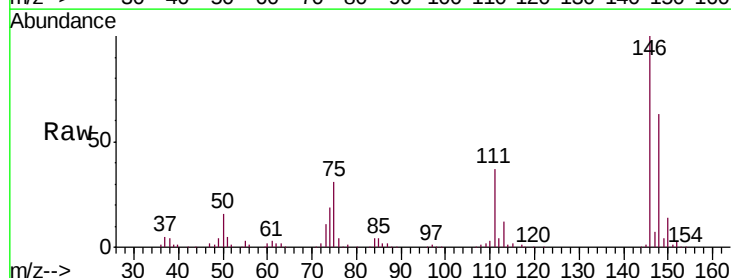
Tgt Ion:146 Resp: 139855

Ion Ratio Lower Upper

146 100

111 37.4 26.8 49.8

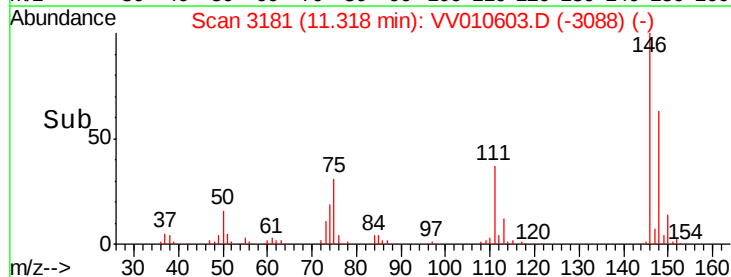
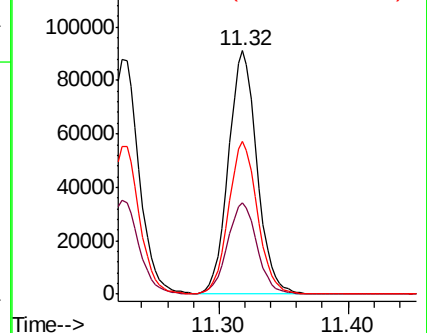
148 62.6 43.2 80.2

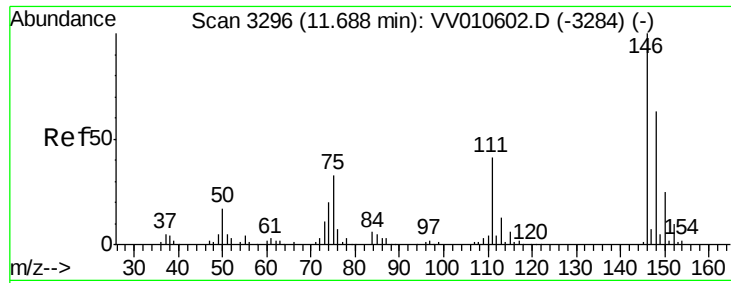


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 11.186 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

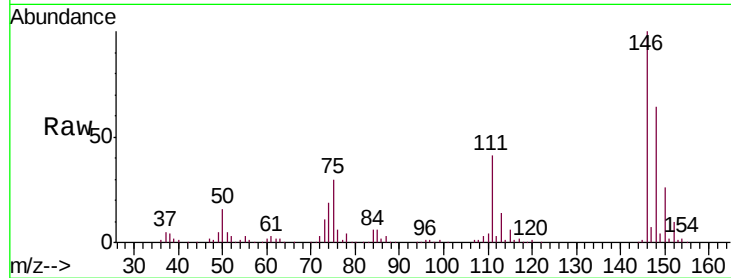
Tgt Ion:146 Resp: 135078

Ion Ratio Lower Upper

146 100

111 41.4 32.7 49.1

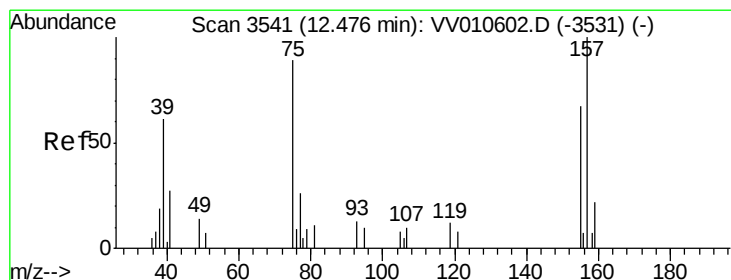
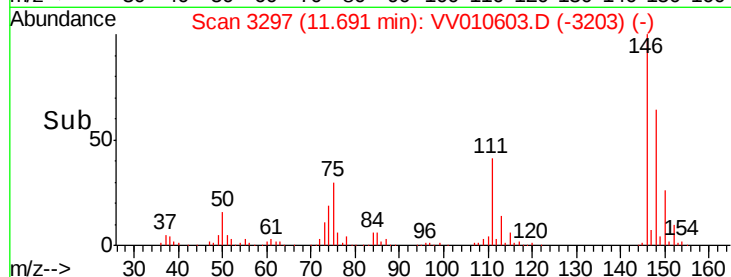
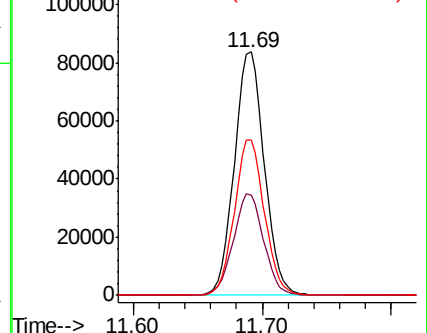
148 63.9 50.2 75.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 9.691 ug/L

RT: 12.48 min Scan# 3541

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

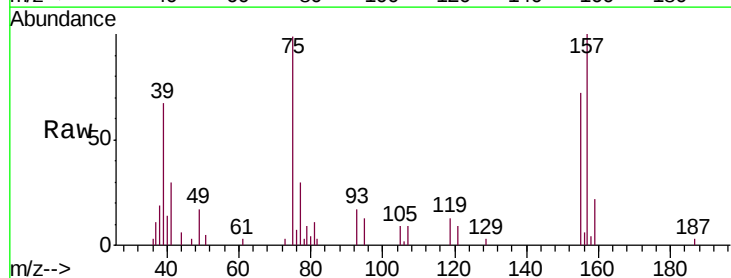
Tgt Ion: 75 Resp: 7202

Ion Ratio Lower Upper

75 100

155 72.7 60.8 91.2

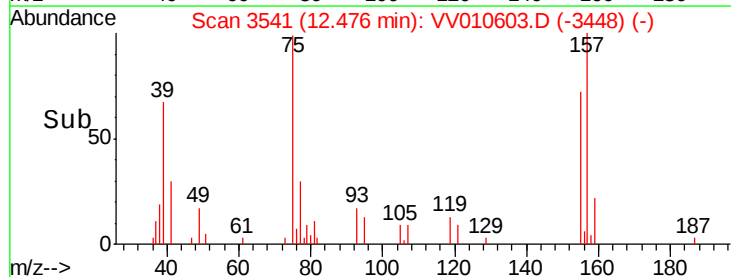
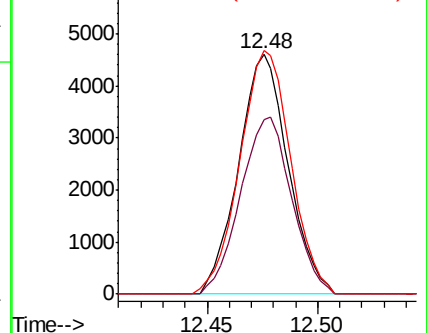
157 101.4 90.2 135.4

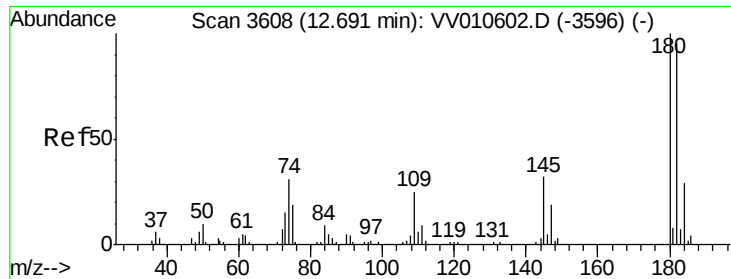


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

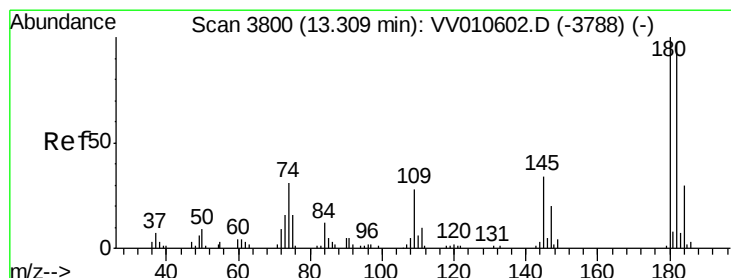
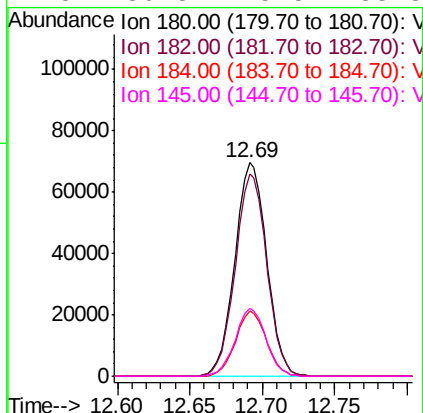
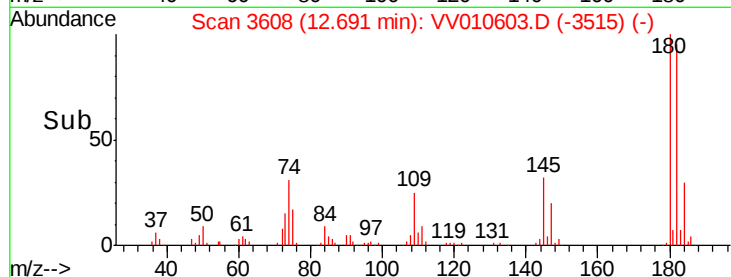
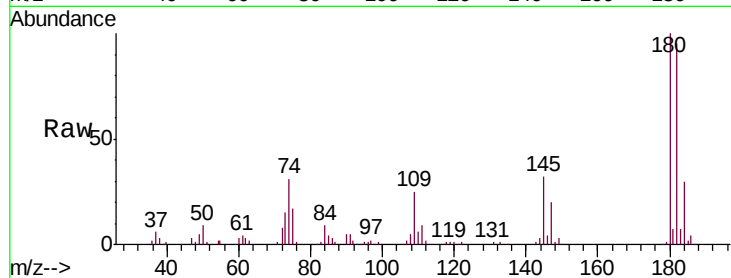




#67
 1,3,5-Trichlorobenzene
 Concen: 11.291 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

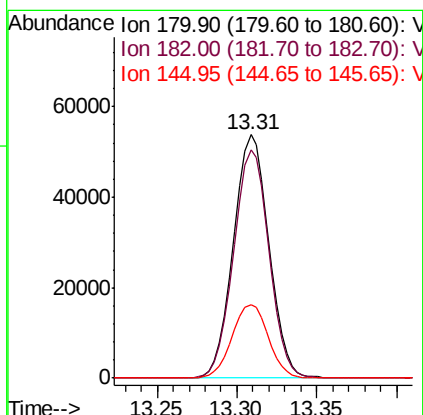
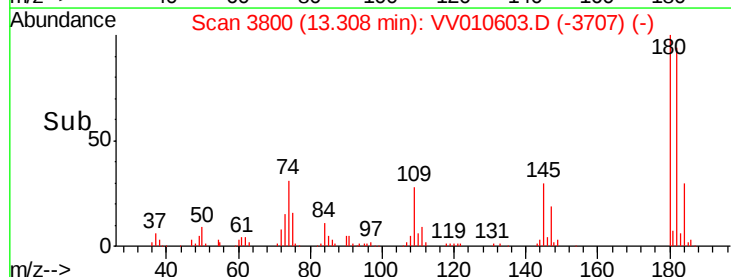
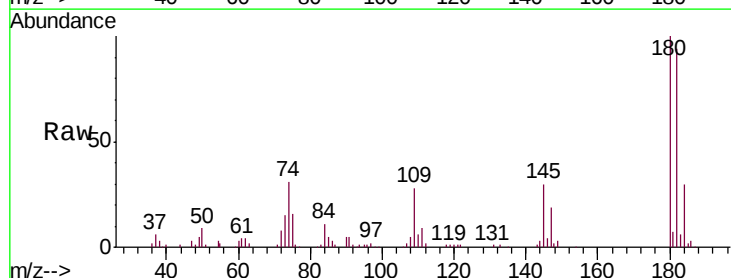
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01039

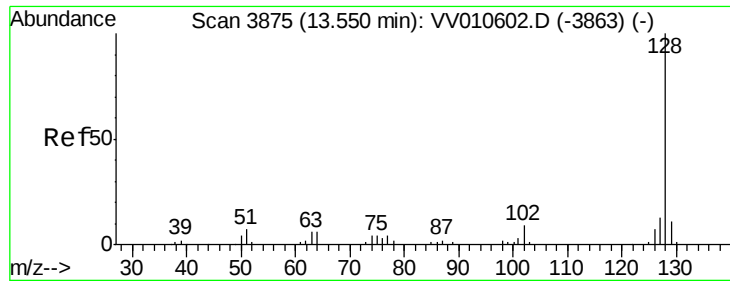
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.0	115.6
184	29.5	23.4	35.2
145	30.8	25.5	38.3



#68
 1,2,4-trichlorobenzene
 Concen: 11.294 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. -0.00 min
 Lab File: VV010603.D
 Acq: 01 May 2019 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	77.7	116.5
145	30.9	26.0	39.0





#69

Naphthalene

Concen: 11.622 ug/L

RT: 13.55 min Scan# 3875

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

VSTD01039

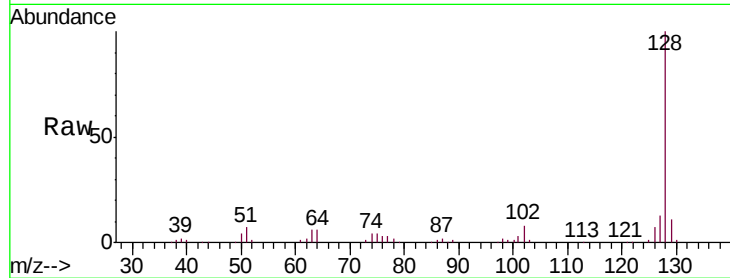
Tgt Ion:128 Resp: 133905

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

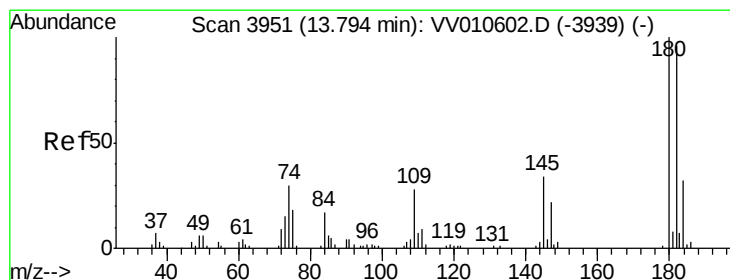
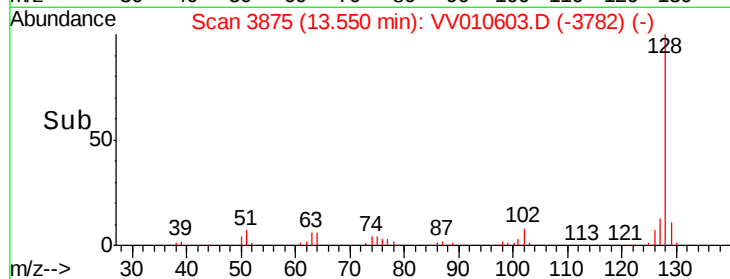
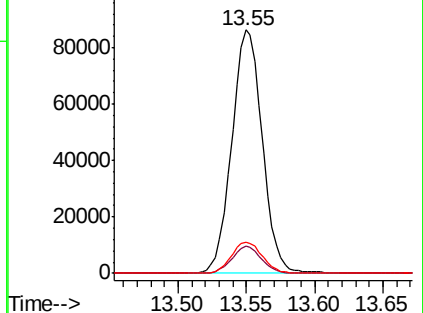
127 13.0 10.3 15.5



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: 11.379 ug/L

RT: 13.79 min Scan# 3950

Delta R.T. -0.00 min

Lab File: VV010603.D

Acq: 01 May 2019 13:37

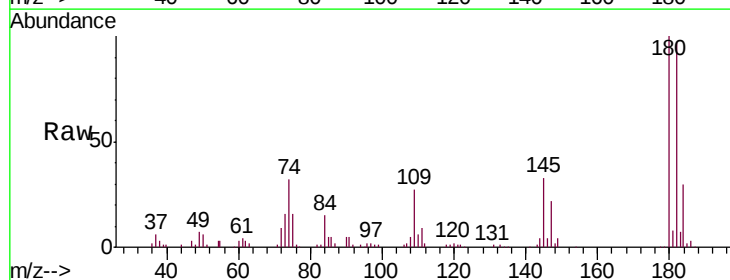
Tgt Ion:180 Resp: 74922

Ion Ratio Lower Upper

180 100

182 96.5 76.0 114.0

145 33.4 26.2 39.4



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

