

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060262.D
 Acq On : 27 Feb 2020 10:43
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 27 12:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	214146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	349272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	317948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149177	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	13990	5.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.72%	
35) Dibromofluoromethane	7.56	113	9444	4.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.34%	
50) Toluene-d8	10.08	98	42361	5.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.20%	
62) 4-Bromofluorobenzene	12.40	95	15601	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	11042	5.27	ug/l	98
3) Chloromethane	2.04	50	19964	7.50	ug/l	99
4) Vinyl Chloride	2.16	62	16962	5.88	ug/l	98
5) Bromomethane	2.54	94	8517	5.08	ug/l	100
6) Chloroethane	2.68	64	9357	6.30	ug/l	97
7) Trichlorofluoromethane	3.00	101	21364	5.72	ug/l	97
8) Diethyl Ether	3.38	74	8502	6.70	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	12185	5.85	ug/l	98
10) Methyl Iodide	3.93	142	9868	4.11	ug/l	99
11) Tert butyl alcohol	4.73	59	11192	28.51	ug/l #	94
12) 1,1-Dichloroethene	3.72	96	12683	6.22	ug/l	98
13) Acrolein	3.58	56	7540	19.37	ug/l	100
14) Allyl chloride	4.29	41	22602	7.20	ug/l	98
15) Acrylonitrile	4.95	53	28506	29.37	ug/l	98
16) Acetone	3.78	43	22934	21.22	ug/l	99
17) Carbon Disulfide	4.03	76	36750	6.09	ug/l	100
18) Methyl Acetate	4.29	43	17870	8.01	ug/l #	76
19) Methyl tert-butyl Ether	5.00	73	41999	6.08	ug/l	98
20) Methylene Chloride	4.52	84	13676	5.99	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	14359	6.50	ug/l	95
22) Diisopropyl ether	5.91	45	43510	6.48	ug/l	95
23) Vinyl Acetate	5.86	43	166658	29.84	ug/l	99
24) 1,1-Dichloroethane	5.82	63	25033	6.23	ug/l	98
25) 2-Butanone	6.80	43	38947	27.53	ug/l	99
26) 2,2-Dichloropropane	6.80	77	22455	5.95	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	16186	6.24	ug/l	92
28) Bromochloromethane	7.17	49	10280	6.54	ug/l #	94
29) Tetrahydrofuran	7.18	42	28231	31.61	ug/l	99
30) Chloroform	7.35	83	24444	5.88	ug/l	99
31) Cyclohexane	7.63	56	27289	7.32	ug/l #	86
32) 1,1,1-Trichloroethane	7.54	97	21944	5.81	ug/l	99
36) 1,1-Dichloropropene	7.77	75	19012	5.90	ug/l	99
37) Ethyl Acetate	6.89	43	16949	5.73	ug/l	98
38) Carbon Tetrachloride	7.75	117	18288	5.27	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
 Data File : VN060262.D
 Acq On : 27 Feb 2020 10:43
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 27 12:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 12:09:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	22496	5.65	ug/l	100
40) Benzene	8.02	78	54953	5.73	ug/l	98
41) Methacrylonitrile	7.18	41	25513	20.33	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	19781	5.86	ug/l	98
43) Isopropyl Acetate	8.14	43	30542	6.01	ug/l	99
44) Trichloroethene	8.82	130	15254	5.75	ug/l	99
45) 1,2-Dichloropropane	9.10	63	14496	6.05	ug/l	100
46) Dibromomethane	9.19	93	9224	5.53	ug/l	97
47) Bromodichloromethane	9.39	83	17908	5.27	ug/l	98
48) Methyl methacrylate	9.18	41	12966	5.69	ug/l	99
49) 1,4-Dioxane	9.18	88	4174	113.18	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	84928	29.03	ug/l	100
52) Toluene	10.14	92	33957	5.54	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	22703	5.88	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	23570	5.79	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	13619	5.70	ug/l	97
56) Ethyl methacrylate	10.42	69	17905	5.25	ug/l	92
57) 1,3-Dichloropropane	10.70	76	21858	5.51	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	53193	32.97	ug/l	99
59) 2-Hexanone	10.74	43	61451	27.62	ug/l	99
60) Dibromochloromethane	10.89	129	13177	4.87	ug/l	96
61) 1,2-Dibromoethane	11.00	107	13234	5.32	ug/l	97
64) Tetrachloroethene	10.62	164	16988	6.91	ug/l	95
65) Chlorobenzene	11.43	112	35531	5.51	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	12923	5.31	ug/l	99
67) Ethyl Benzene	11.50	91	64818	5.56	ug/l	98
68) m/p-Xylenes	11.62	106	48858	11.19	ug/l	100
69) o-Xylene	11.94	106	23764	5.65	ug/l	97
70) Styrene	11.96	104	36023	5.31	ug/l	99
71) Bromoform	12.12	173	8608	4.46	ug/l #	96
73) Isopropylbenzene	12.25	105	63421	5.68	ug/l	99
74) N-amyl acetate	12.06	43	26077	6.35	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	16502	5.20	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	25407	8.85	ug/l #	100
77) Bromobenzene	12.52	156	14989	5.44	ug/l	98
78) n-propylbenzene	12.59	91	73582	5.77	ug/l	100
79) 2-Chlorotoluene	12.67	91	43459	5.79	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	52104	5.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	6355	5.42	ug/l #	59
82) 4-Chlorotoluene	12.77	91	44452	5.78	ug/l	99
83) tert-Butylbenzene	12.99	119	45424	5.52	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	52668	5.74	ug/l	99
85) sec-Butylbenzene	13.17	105	60790	5.59	ug/l	99
86) p-Isopropyltoluene	13.28	119	54041	5.49	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	27328	5.59	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	26928	5.51	ug/l	94
89) n-Butylbenzene	13.61	91	48660	5.59	ug/l	98
90) Hexachloroethane	13.87	117	7287	4.09	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	25830	5.40	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3498	4.74	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
Data File : VN060262.D
Acq On : 27 Feb 2020 10:43
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Feb 27 12:12:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 12:09:31 2020
Response via : Initial Calibration

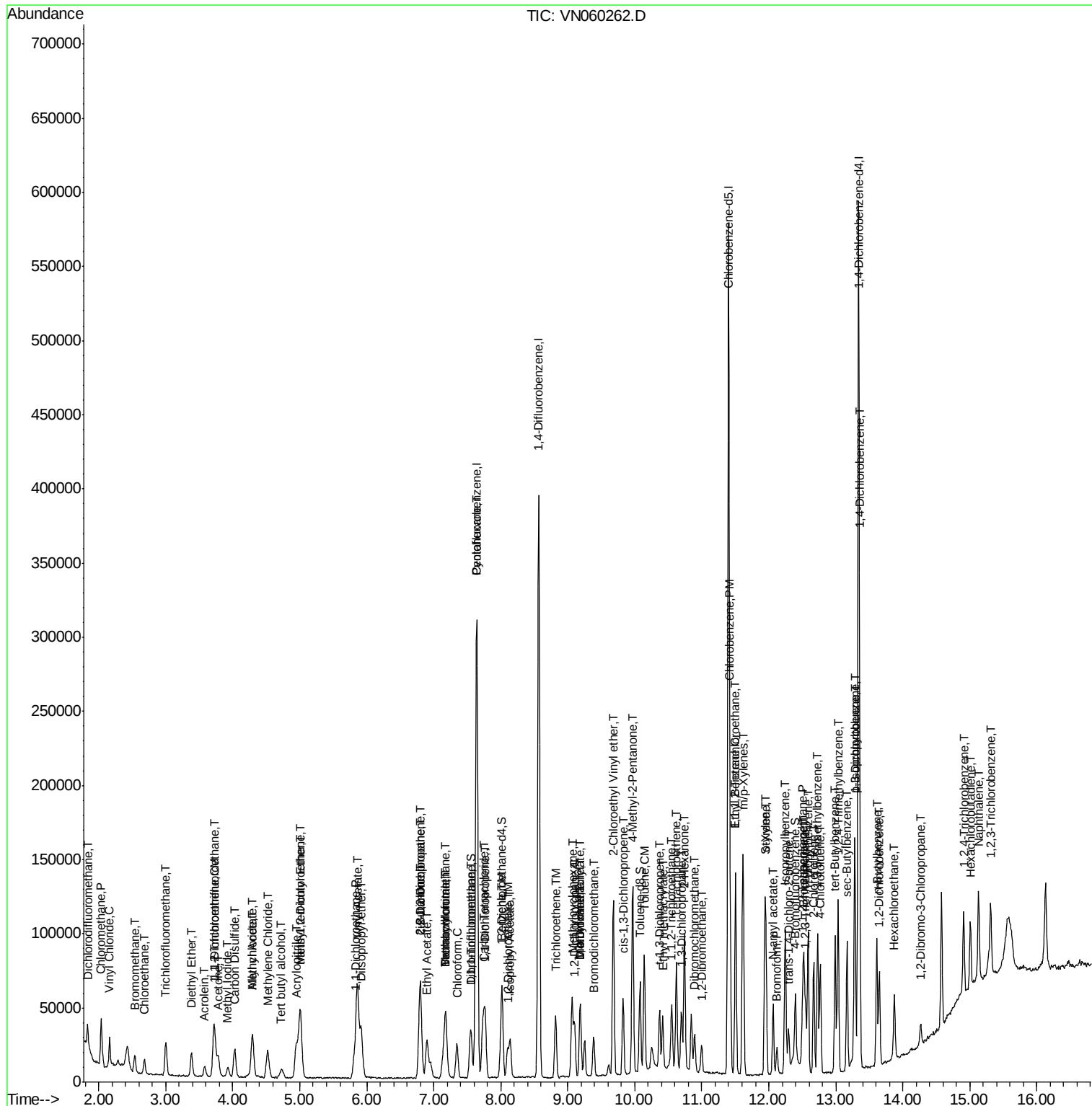
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	17116	6.04	ug/l	97
94) Hexachlorobutadiene	15.01	225	8436	5.20	ug/l	98
95) Naphthalene	15.13	128	50660	6.53	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	16335	5.81	ug/l	98

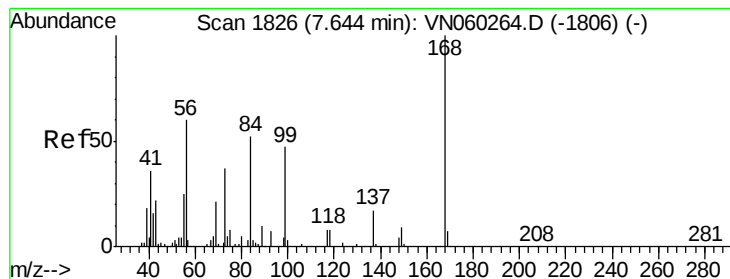
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022720\
Data File : VN060262.D
Acq On : 27 Feb 2020 10:43
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Feb 27 12:12:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 27 12:09:31 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

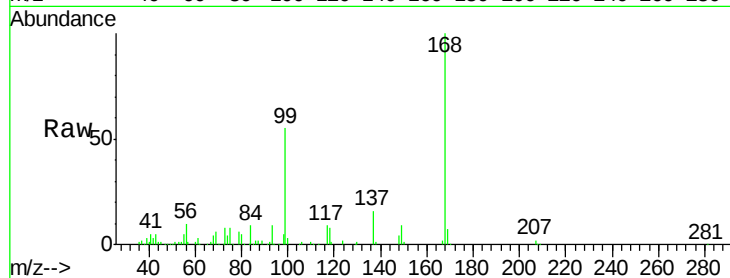
VSTDIC005

Tgt Ion:168 Resp: 214146

Ion Ratio Lower Upper

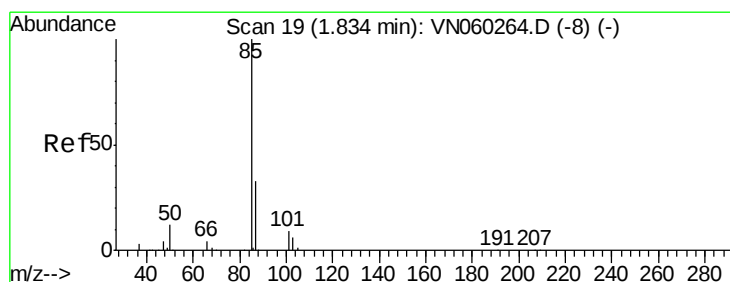
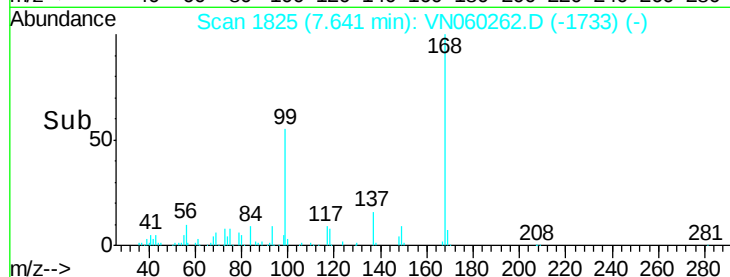
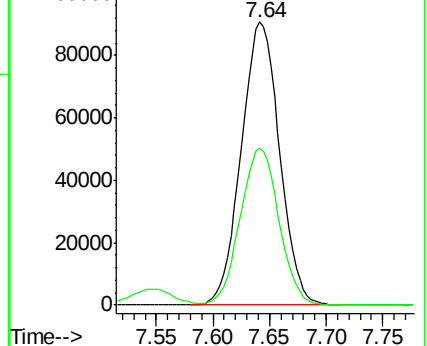
168 100

99 55.3 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.27 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060262.D

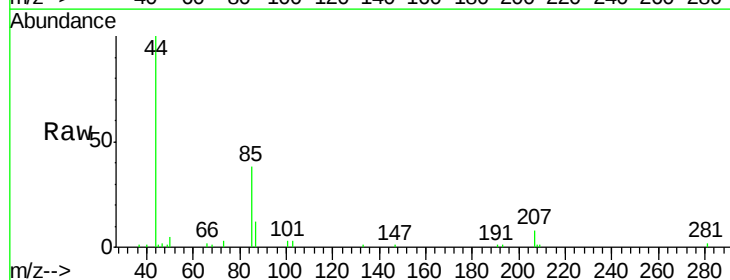
Acq: 27 Feb 2020 10:43

Tgt Ion: 85 Resp: 11042

Ion Ratio Lower Upper

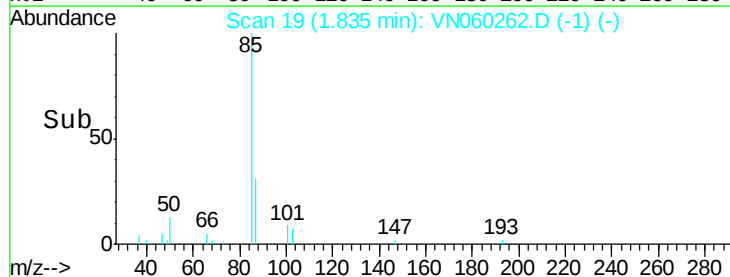
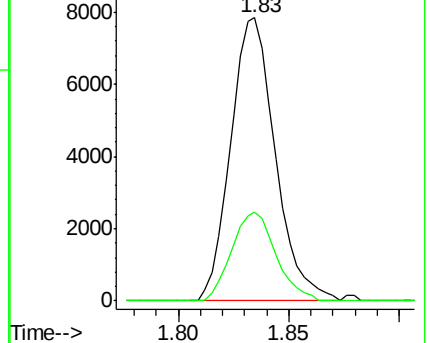
85 100

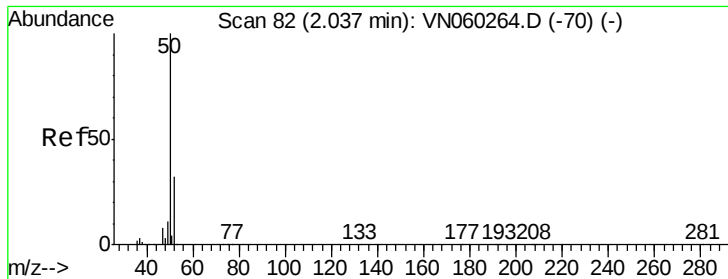
87 31.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 7.50 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

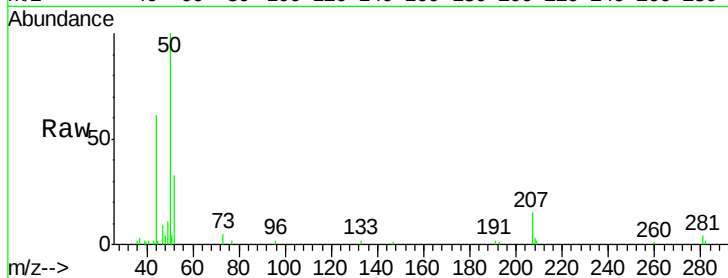
VSTDIC005

Tgt Ion: 50 Resp: 19964

Ion Ratio Lower Upper

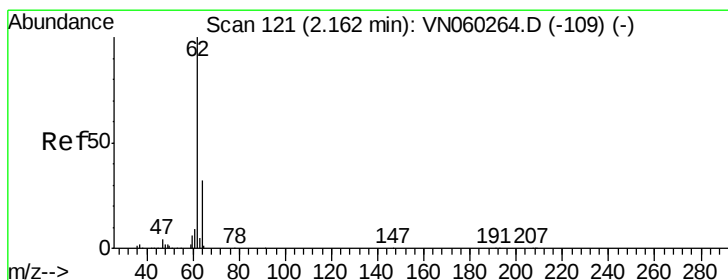
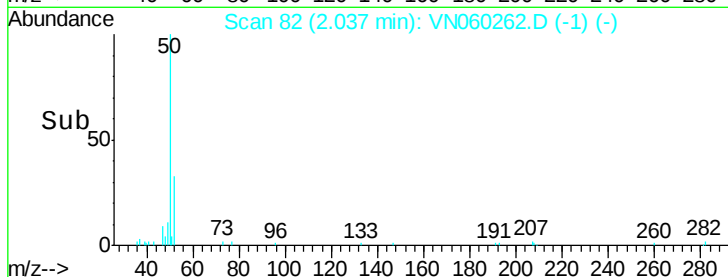
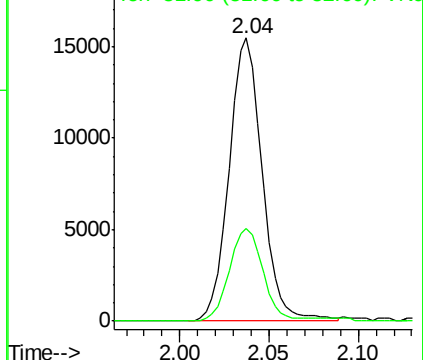
50 100

52 32.5 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 5.88 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060262.D

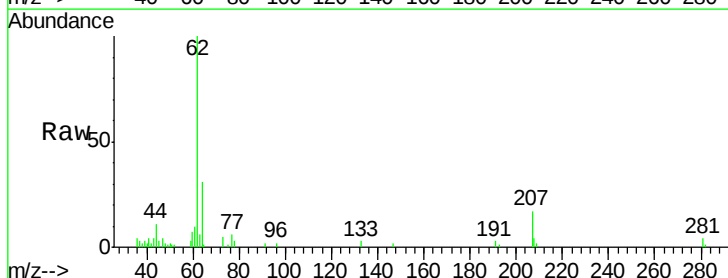
Acq: 27 Feb 2020 10:43

Tgt Ion: 62 Resp: 16962

Ion Ratio Lower Upper

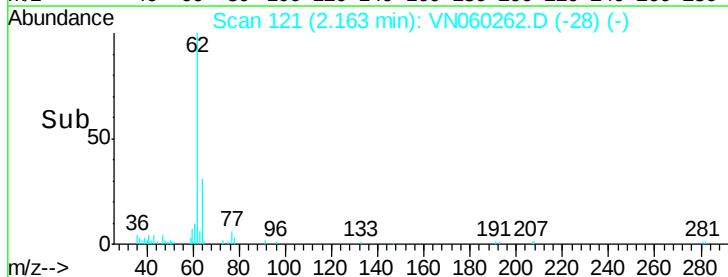
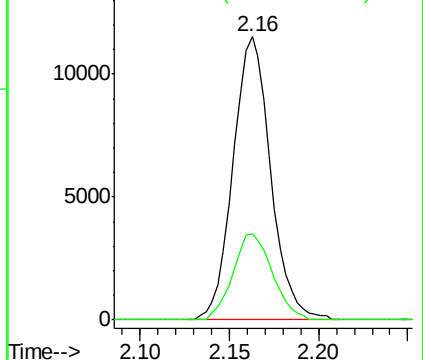
62 100

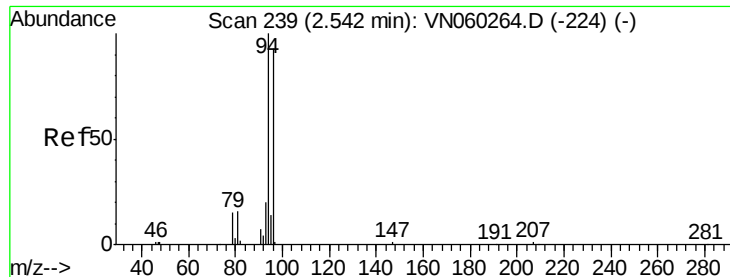
64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 5.08 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

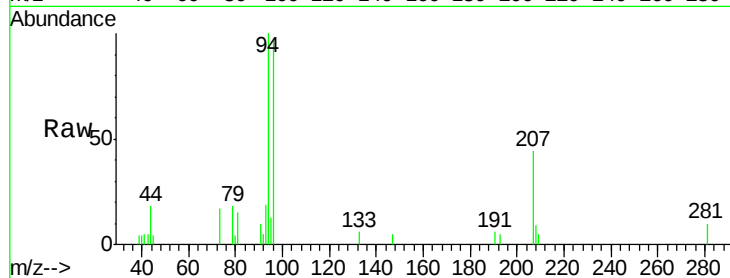
VSTDIC005

Tgt Ion: 94 Resp: 8517

Ion Ratio Lower Upper

94 100

96 92.4 74.3 111.5

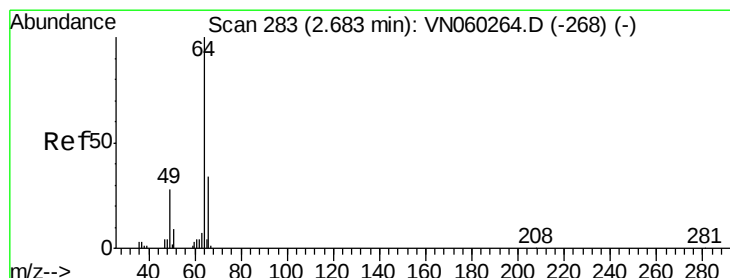
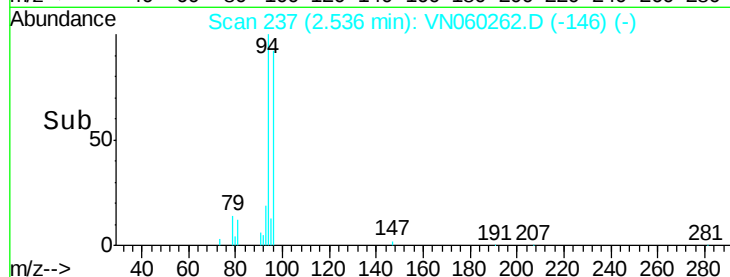


Abundance Ion 93.90 (93.60 to 94.60): VN060264.D (-224) (-)

Ion 95.90 (95.60 to 96.60): VN060264.D (-224) (-)

2.54

Time-->



#6

Chloroethane

Concen: 6.30 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060262.D

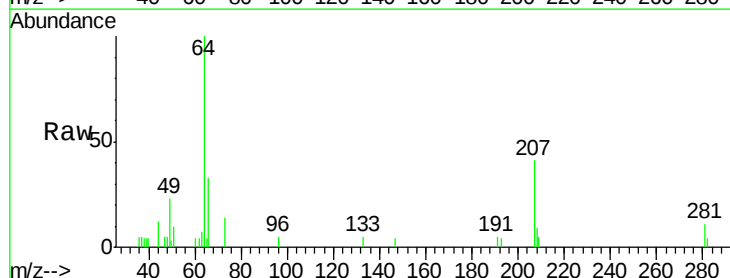
Acq: 27 Feb 2020 10:43

Tgt Ion: 64 Resp: 9357

Ion Ratio Lower Upper

64 100

66 32.6 27.4 41.2

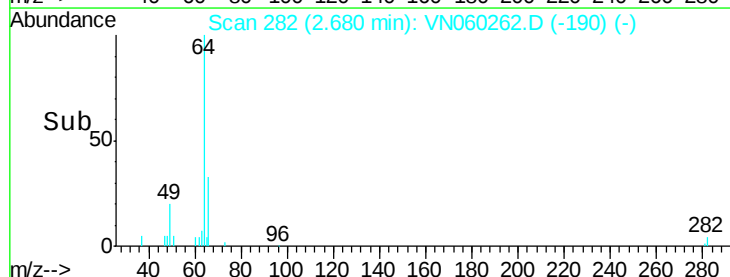


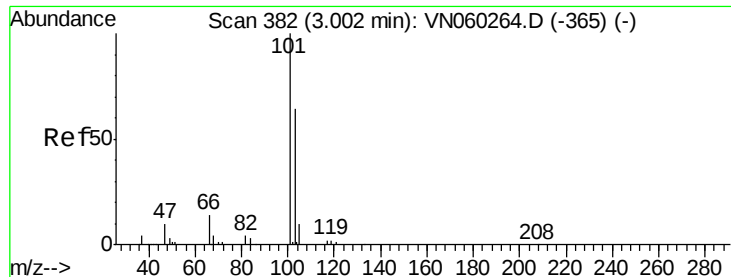
Abundance Ion 63.90 (63.60 to 64.60): VN060264.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN060264.D (-268) (-)

2.68

Time-->



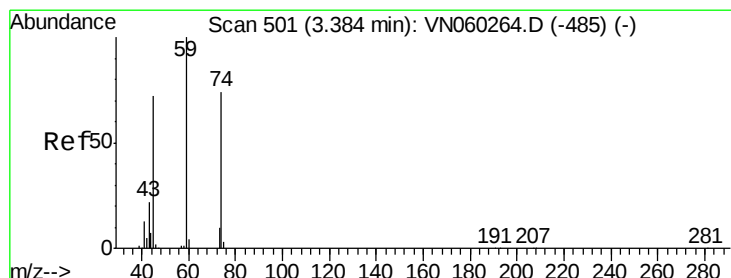
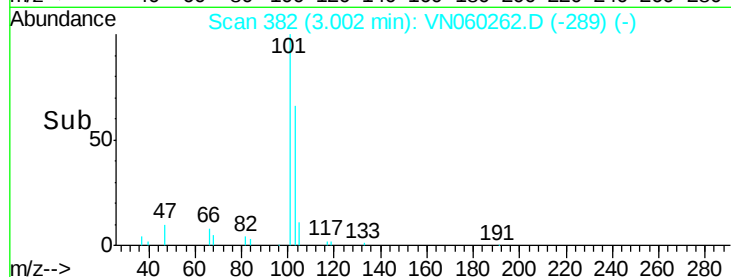
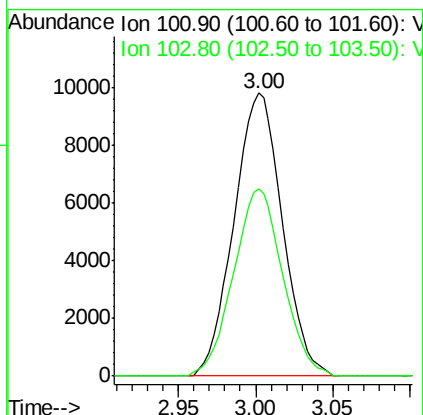
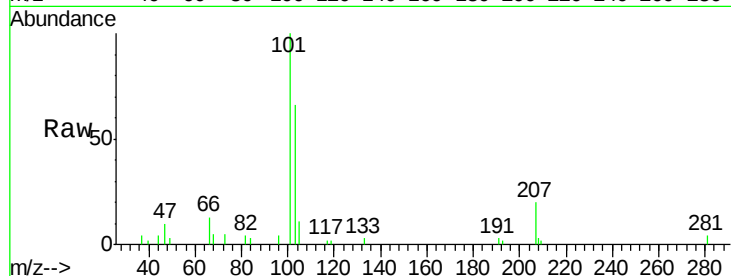


#7

Trichlorofluoromethane
 Concen: 5.72 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

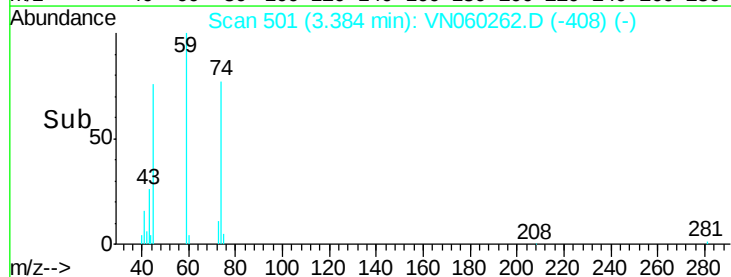
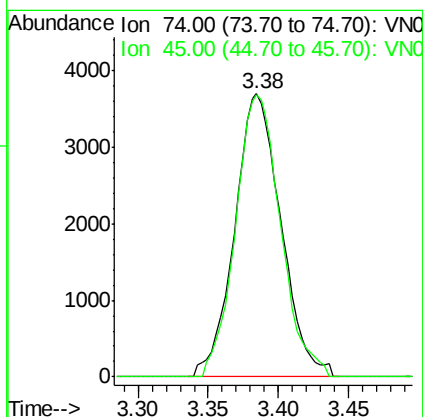
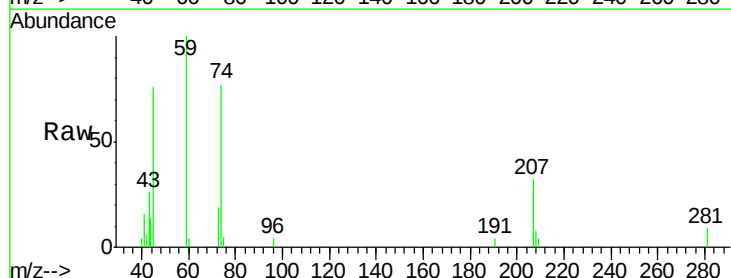
Tgt Ion:101 Resp: 21364
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.3 76.9



#8

Diethyl Ether
 Concen: 6.70 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion: 74 Resp: 8502
 Ion Ratio Lower Upper
 74 100
 45 97.0 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.85 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

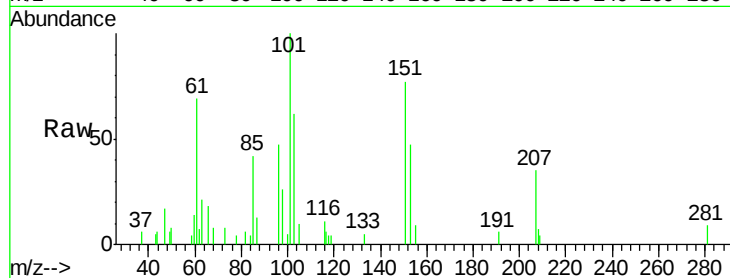
Tgt Ion:101 Resp: 12185

Ion Ratio Lower Upper

101 100

85 42.4 35.4 53.2

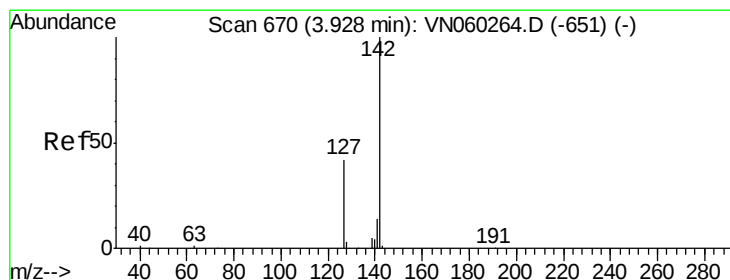
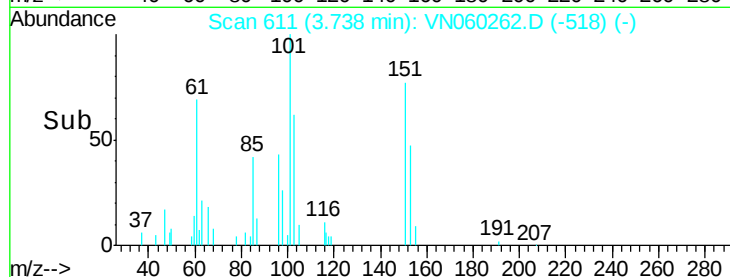
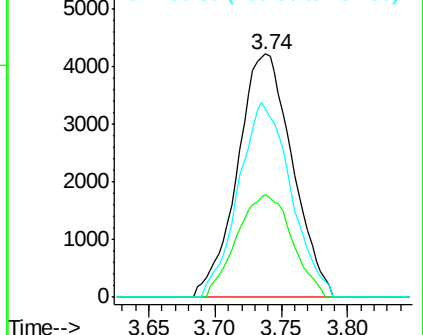
151 76.7 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.11 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

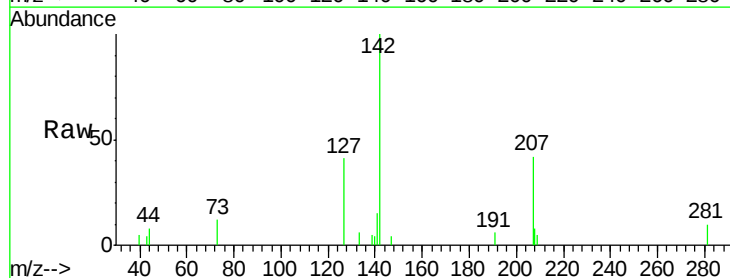
Tgt Ion:142 Resp: 9868

Ion Ratio Lower Upper

142 100

127 42.6 33.8 50.6

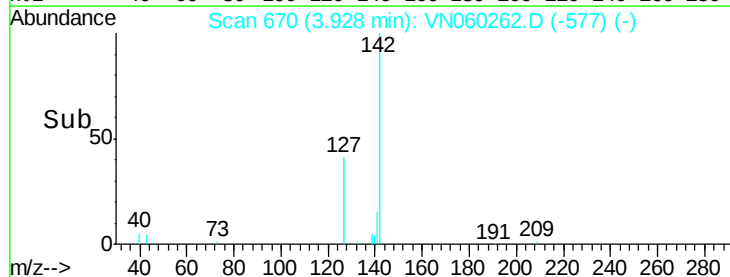
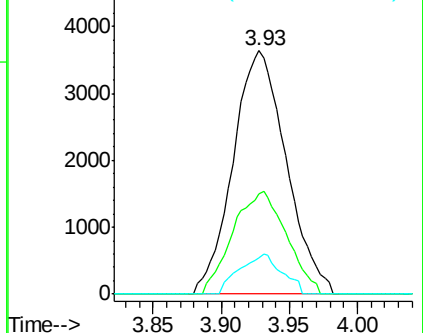
141 13.1 11.1 16.7

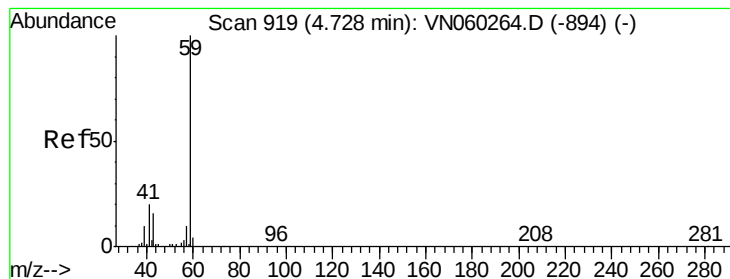


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



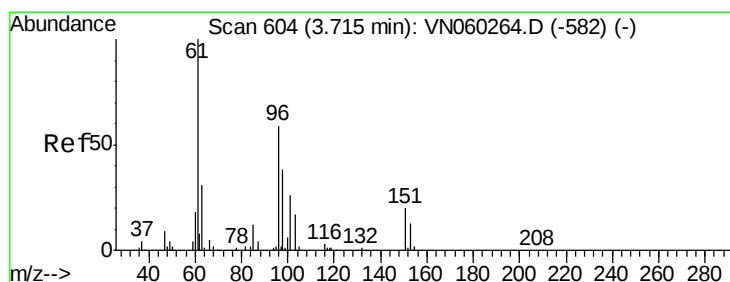
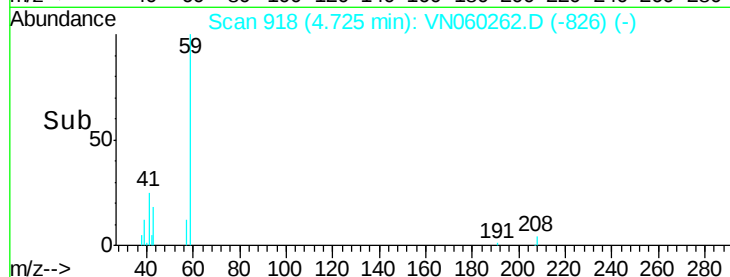
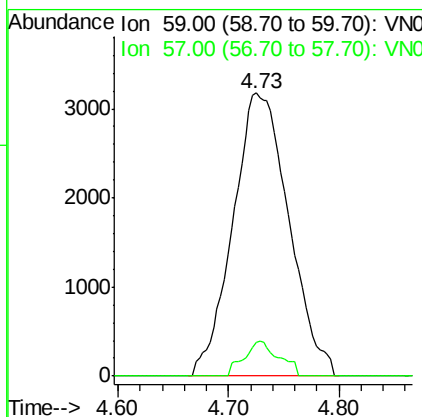
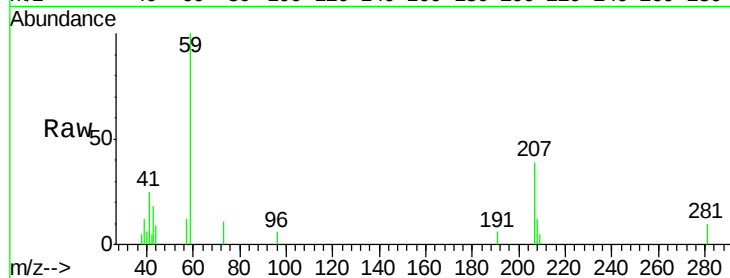


#11

Tert butyl alcohol
 Concen: 28.51 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

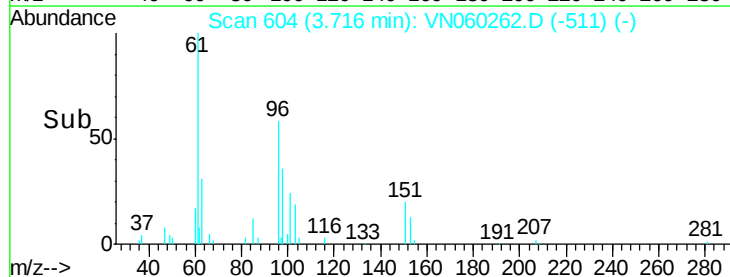
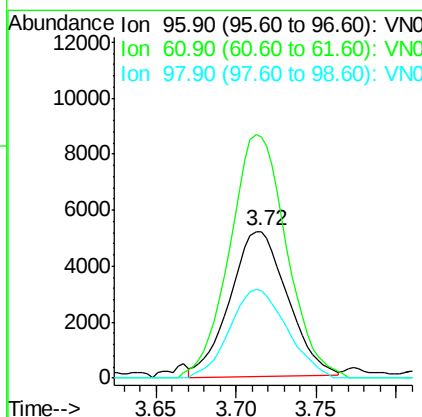
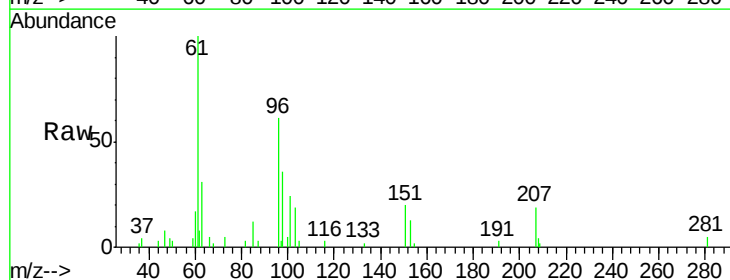
Tgt Ion: 59 Resp: 11192
 Ion Ratio Lower Upper
 59 100
 57 7.8 8.2 12.2#



#12

1,1-Dichloroethene
 Concen: 6.22 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion: 96 Resp: 12683
 Ion Ratio Lower Upper
 96 100
 61 167.2 135.4 203.0
 98 62.2 51.6 77.4





#13

Acrolein

Concen: 19.37 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

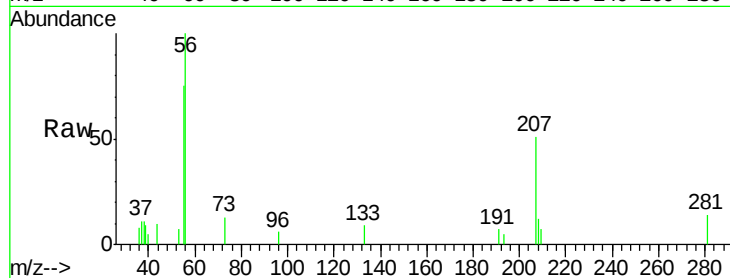
VSTDIC005

Tgt Ion: 56 Resp: 7540

Ion Ratio Lower Upper

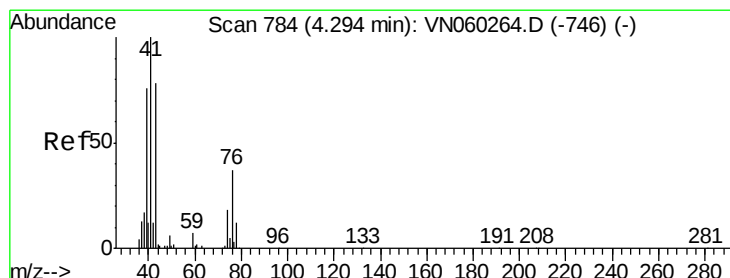
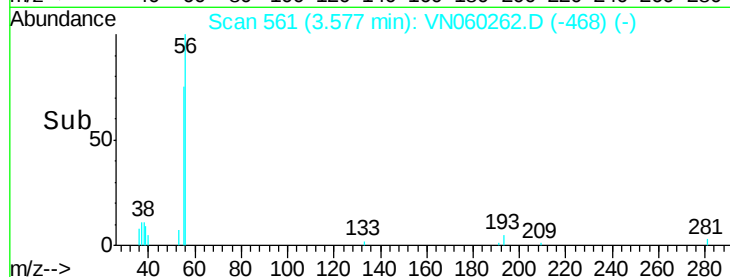
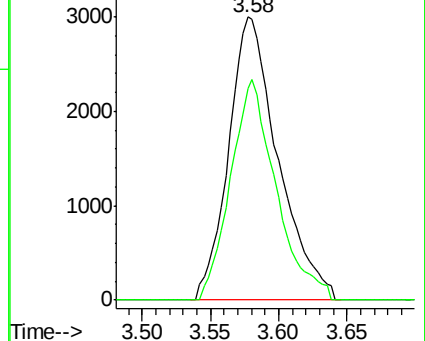
56 100

55 71.7 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN060262.D (-545) (-)

Ion 55.00 (54.70 to 55.70): VN060262.D (-545) (-)



#14

Allyl chloride

Concen: 7.20 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

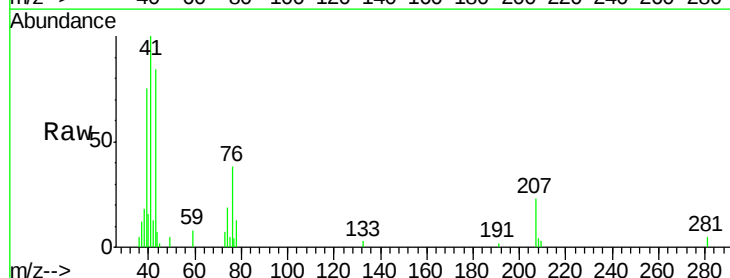
Tgt Ion: 41 Resp: 22602

Ion Ratio Lower Upper

41 100

39 70.3 55.4 83.2

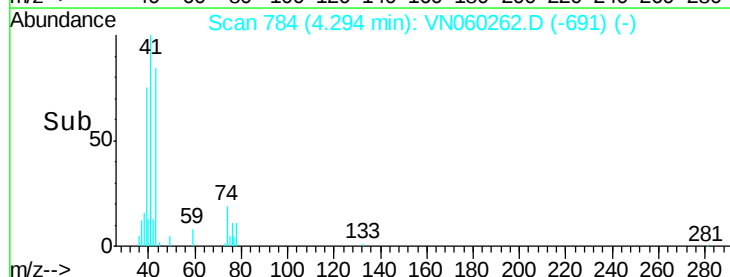
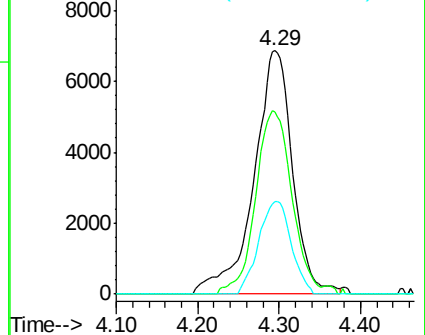
76 31.9 27.0 40.6

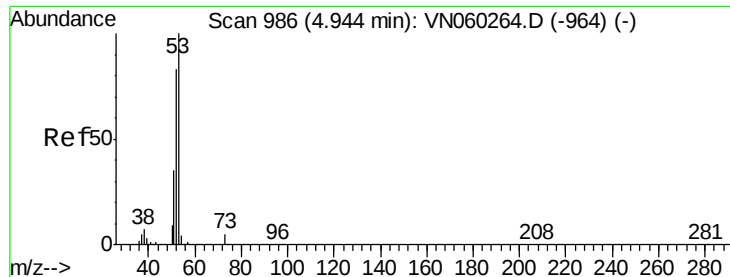


Abundance Ion 41.00 (40.70 to 41.70): VN060262.D (-691) (-)

Ion 39.00 (38.70 to 39.70): VN060262.D (-691) (-)

Ion 75.90 (75.60 to 76.60): VN060262.D (-691) (-)

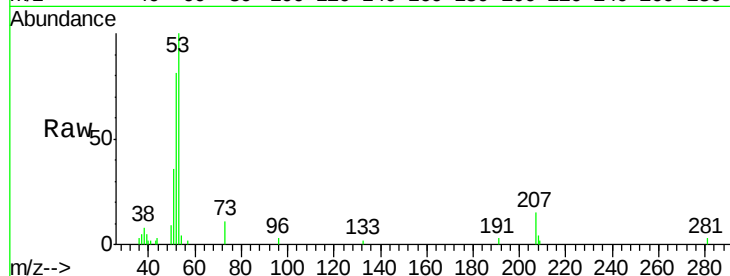




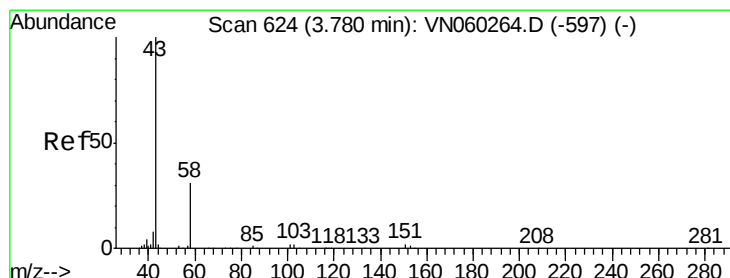
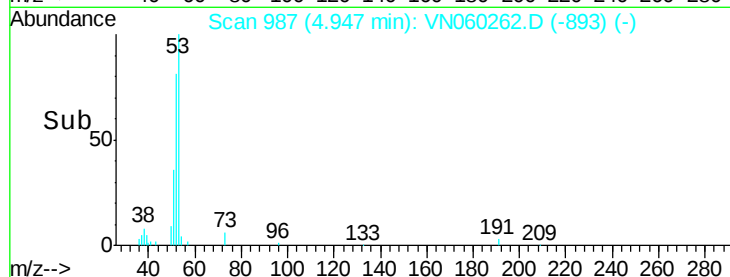
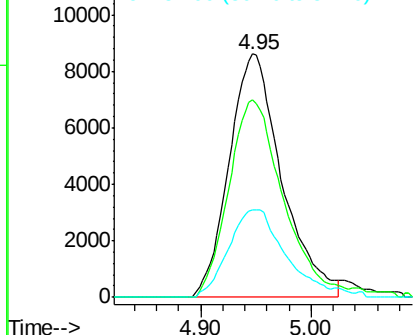
#15
Acrylonitrile
Concen: 29.37 ug/l
RT: 4.95 min Scan# 987
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 53 Resp: 28506
Ion Ratio Lower Upper
53 100
52 83.8 66.8 100.2
51 39.5 29.0 43.6

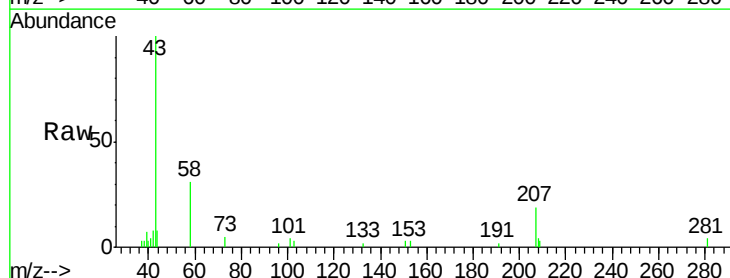


Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0

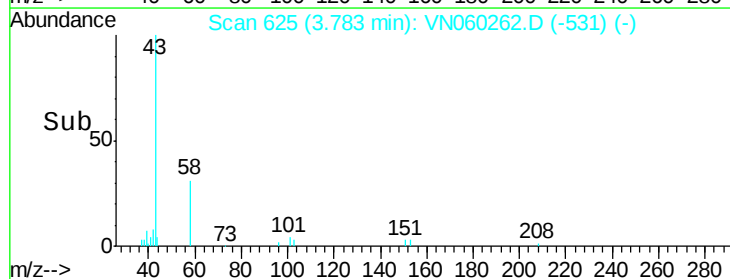
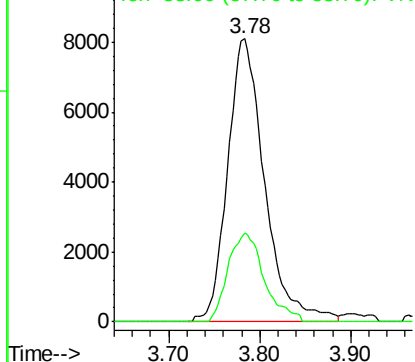


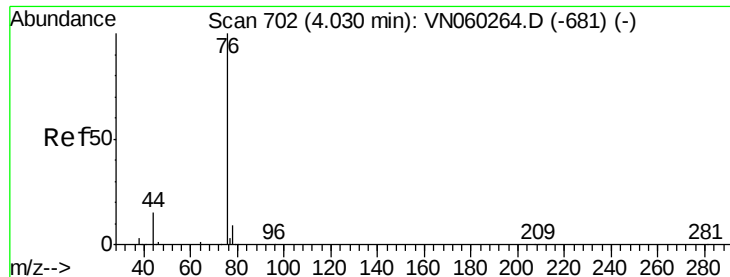
#16
Acetone
Concen: 21.22 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 43 Resp: 22934
Ion Ratio Lower Upper
43 100
58 31.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

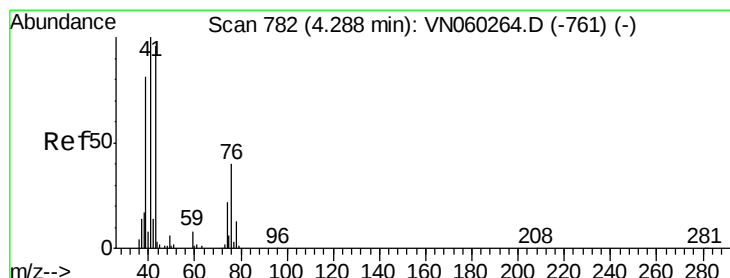
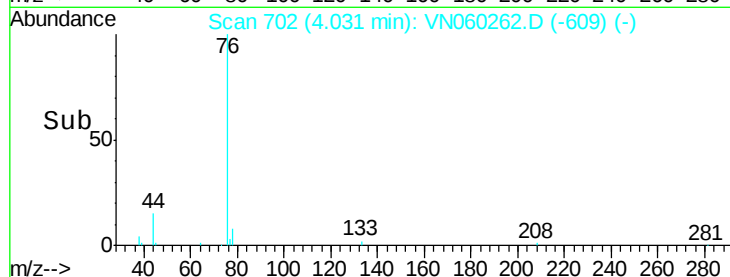
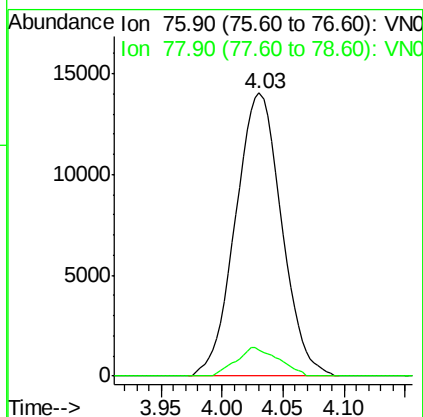
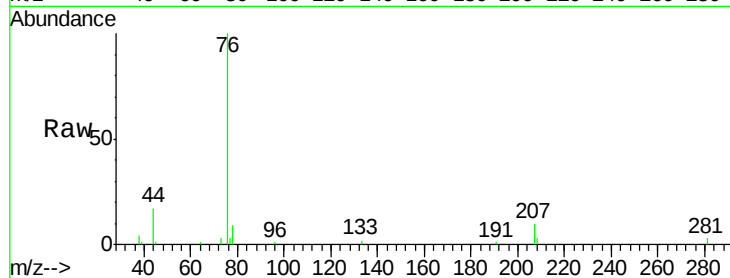




#17
Carbon Disulfide
Concen: 6.09 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

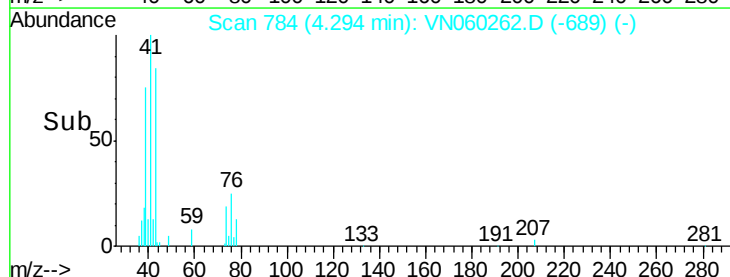
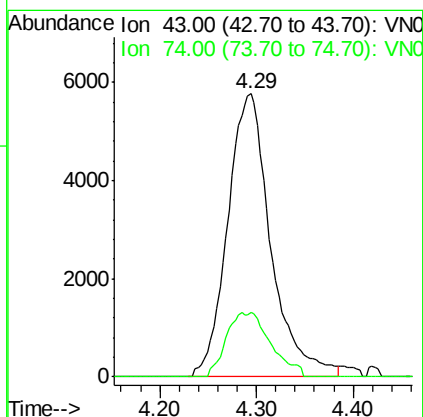
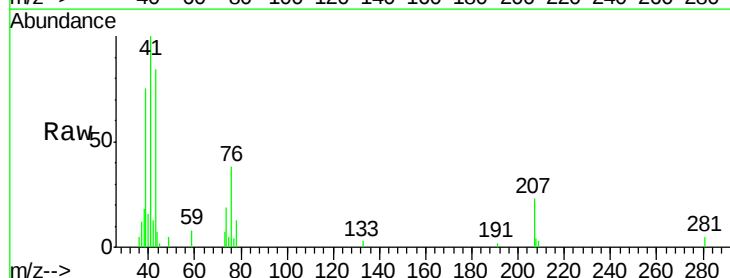
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

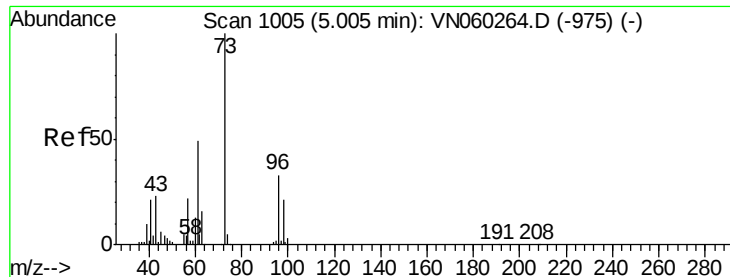
Tgt Ion: 76 Resp: 36750
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 8.01 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.01 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 43 Resp: 17870
Ion Ratio Lower Upper
43 100
74 11.7 18.8 28.2#

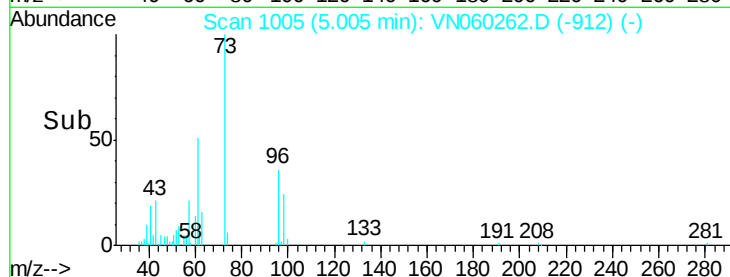
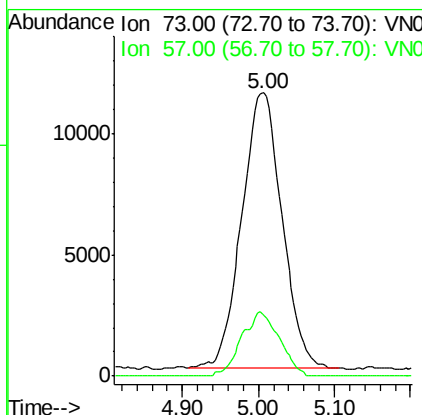
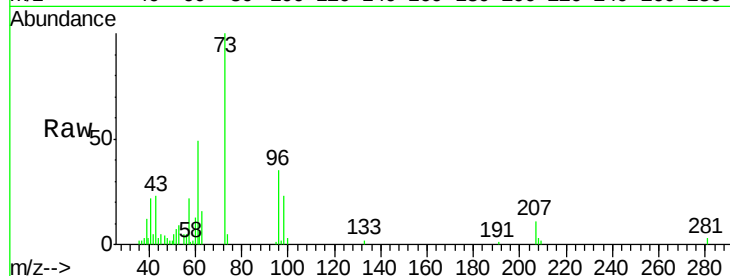




#19
Methyl tert-butyl Ether
Concen: 6.08 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

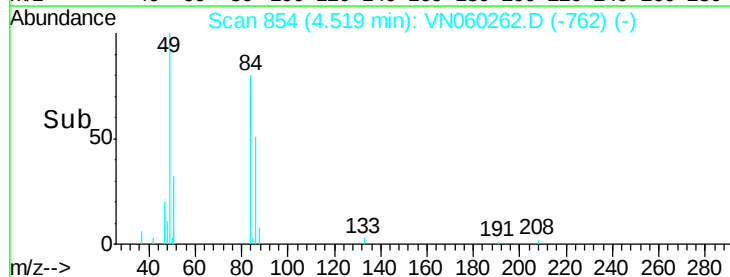
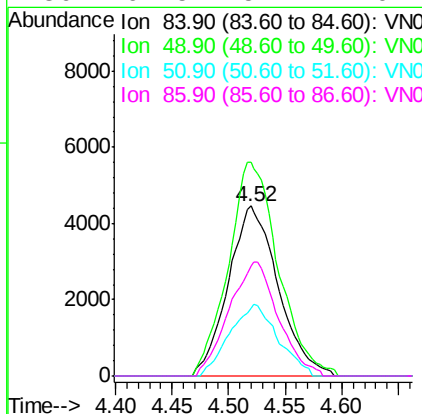
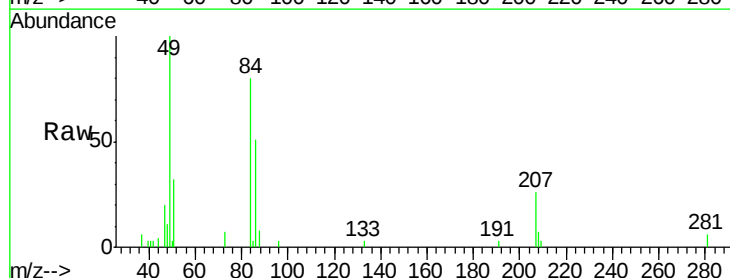
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tgt Ion: 73 Resp: 41999
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 5.99 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 84 Resp: 13676
Ion Ratio Lower Upper
84 100
49 125.7 99.3 148.9
51 39.7 30.1 45.1
86 64.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 6.50 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

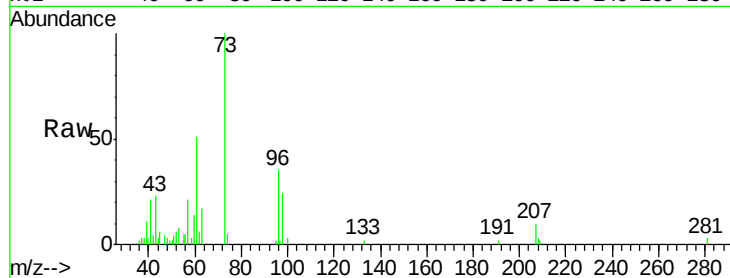
Tgt Ion: 96 Resp: 14359

Ion Ratio Lower Upper

96 100

61 146.4 113.8 170.8

98 67.5 48.8 73.2

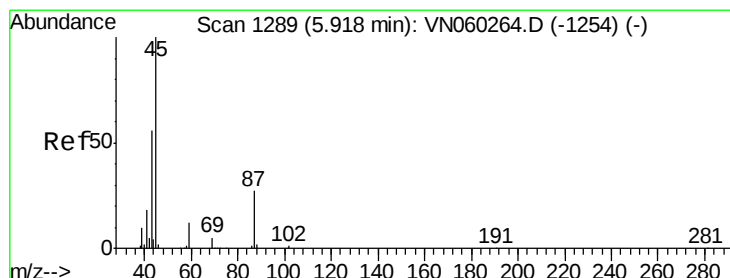
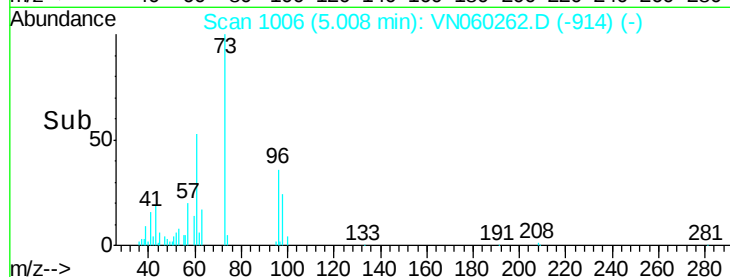
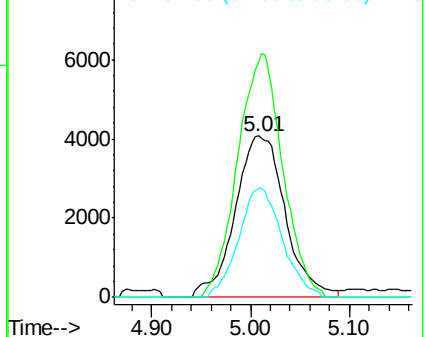


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 6.48 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Tgt Ion: 45 Resp: 43510

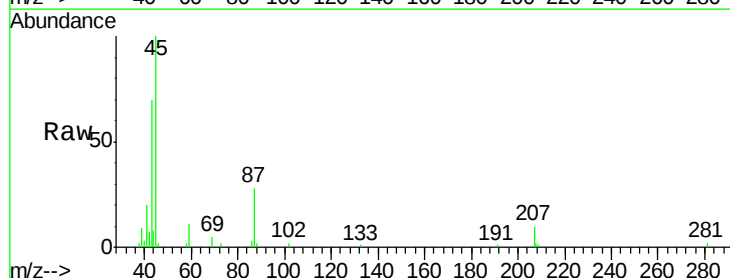
Ion Ratio Lower Upper

45 100

43 66.1 48.6 72.8

87 28.2 22.2 33.2

59 10.7 9.5 14.3



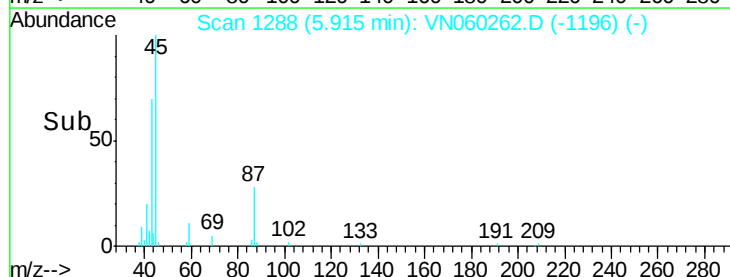
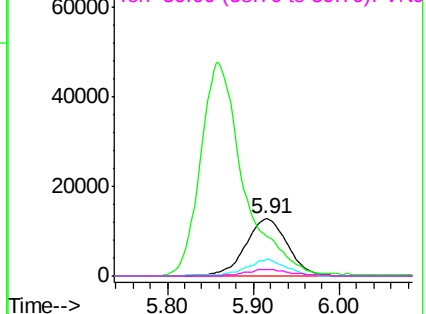
Abundance

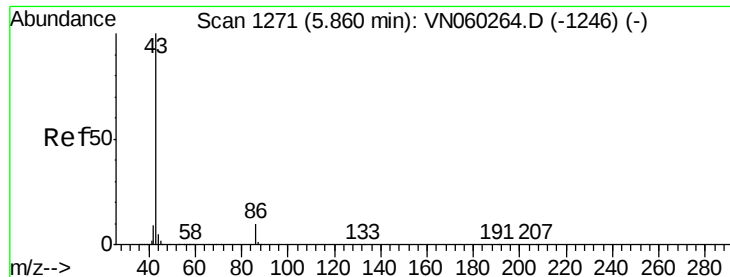
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 29.84 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

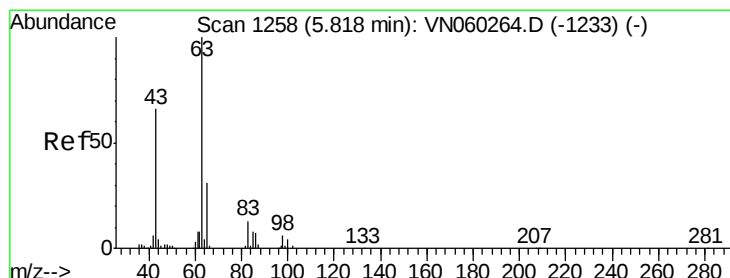
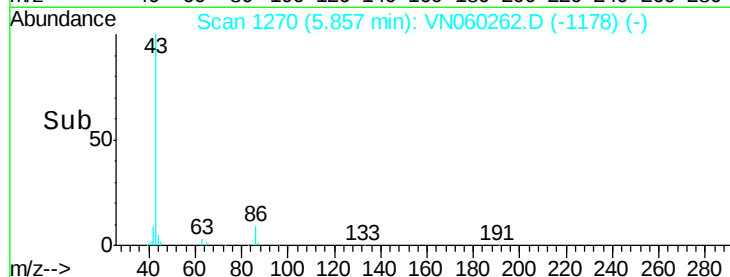
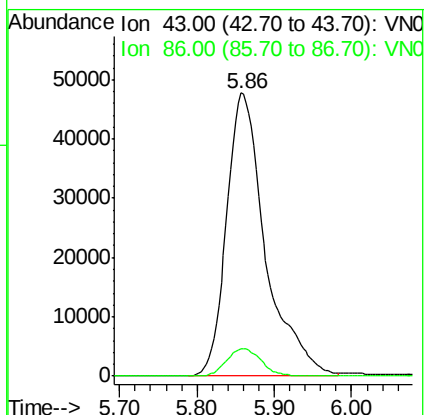
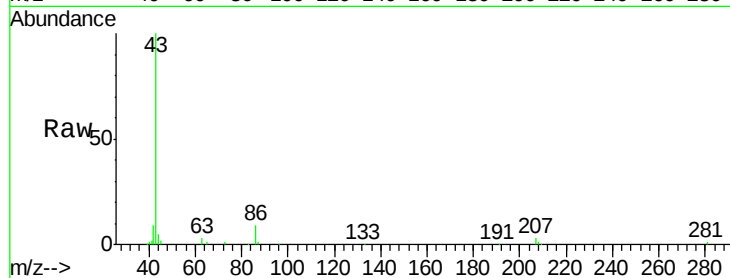
VSTDIC005

Tgt Ion: 43 Resp: 166658

Ion Ratio Lower Upper

43 100

86 9.5 8.0 12.0



#24

1,1-Dichloroethane

Concen: 6.23 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

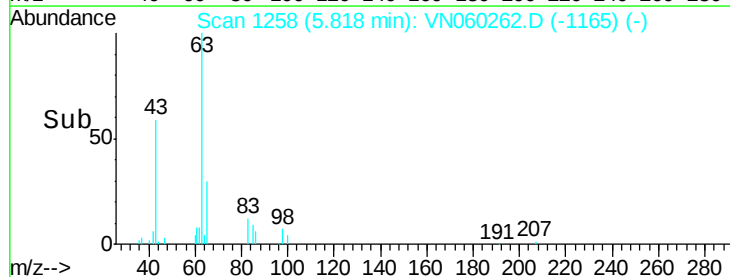
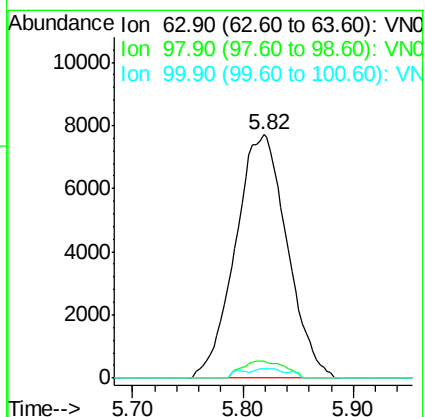
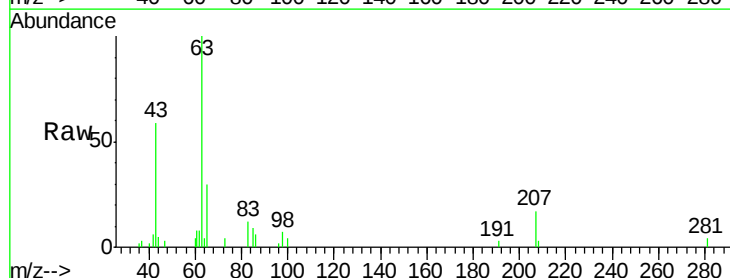
Tgt Ion: 63 Resp: 25033

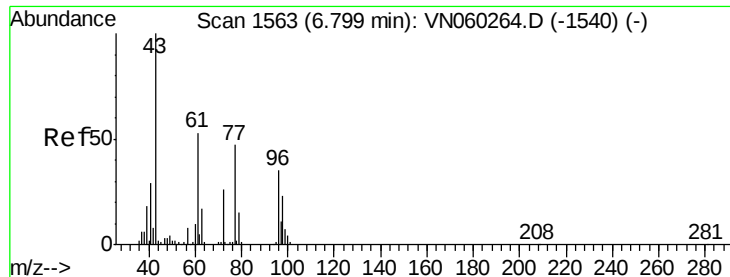
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 27.53 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

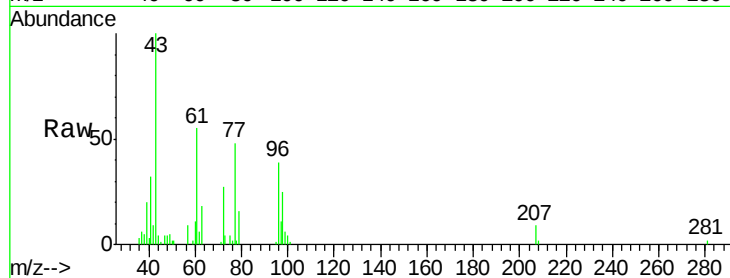
VSTDIC005

Tgt Ion: 43 Resp: 38947

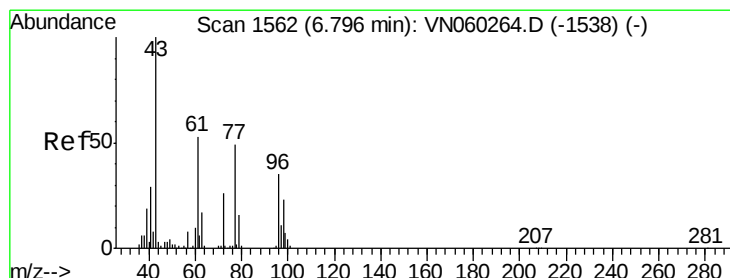
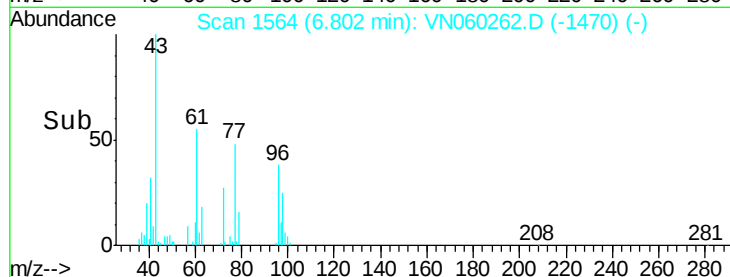
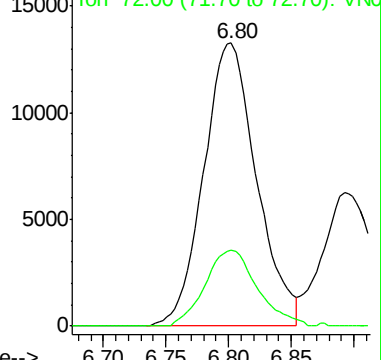
Ion Ratio Lower Upper

43 100

72 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN060262.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 5.95 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN060262.D

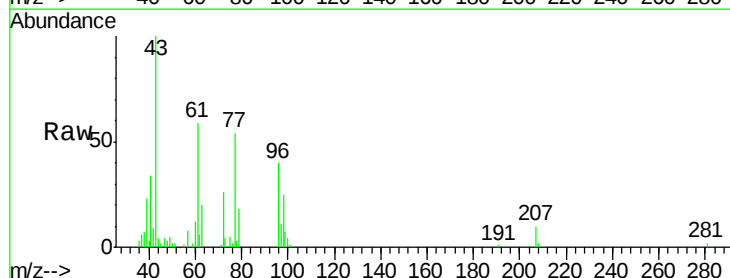
Acq: 27 Feb 2020 10:43

Tgt Ion: 77 Resp: 22455

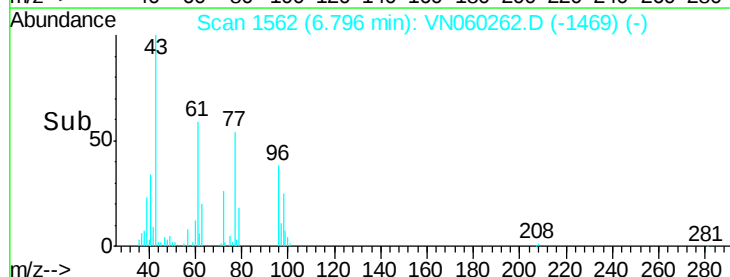
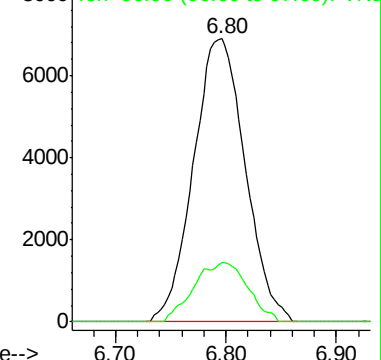
Ion Ratio Lower Upper

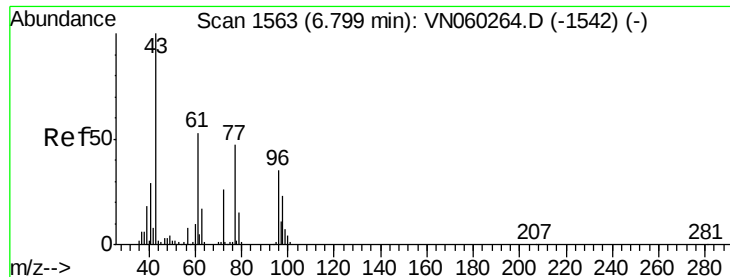
77 100

97 21.9 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN060262.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 6.24 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

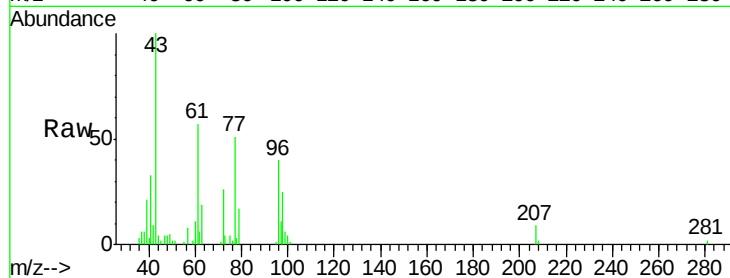
Tgt Ion: 96 Resp: 16186

Ion Ratio Lower Upper

96 100

61 140.2 0.0 300.8

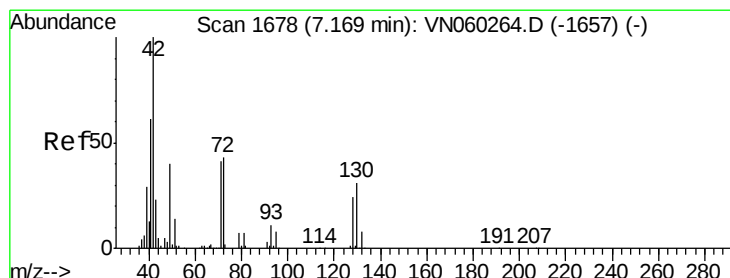
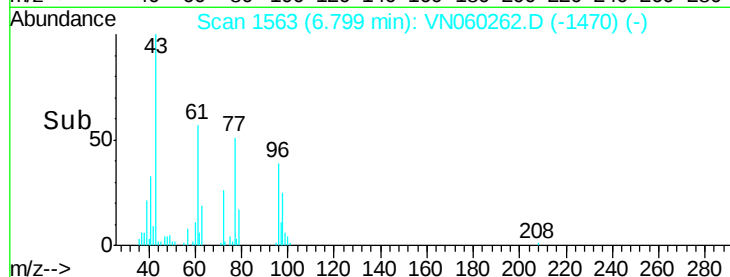
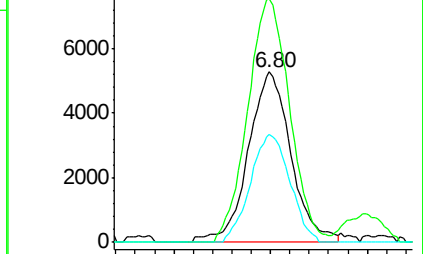
98 58.5 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN060262.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060262.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060262.D (-1470) (-)



#28

Bromochloromethane

Concen: 6.54 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

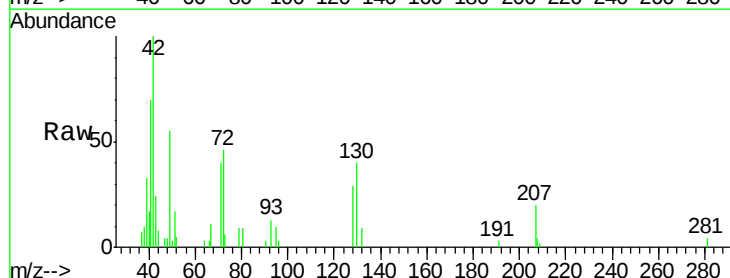
Tgt Ion: 49 Resp: 10280

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

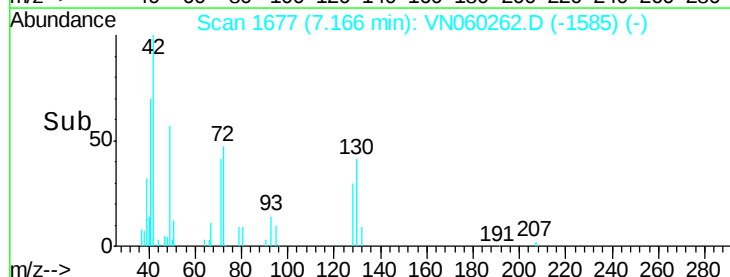
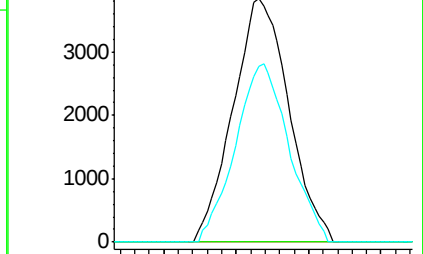
130 70.0 59.8 89.8



Abundance Ion 48.90 (48.60 to 49.60): VN060262.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060262.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060262.D (-1585) (-)





#29

Tetrahydrofuran

Concen: 31.61 ug/l

RT: 7.18 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

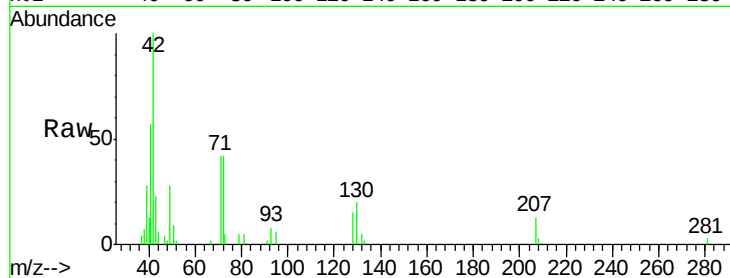
Tgt Ion: 42 Resp: 28231

Ion Ratio Lower Upper

42 100

72 44.4 34.6 52.0

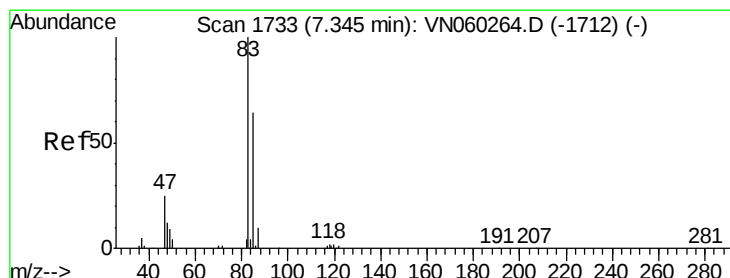
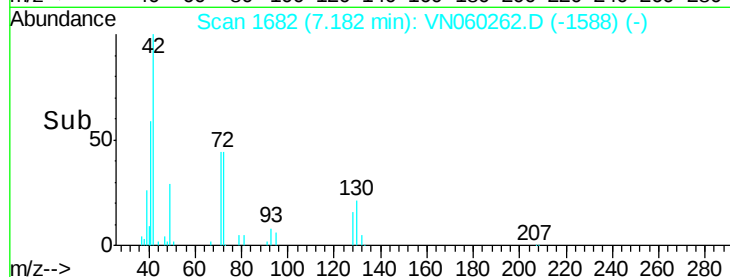
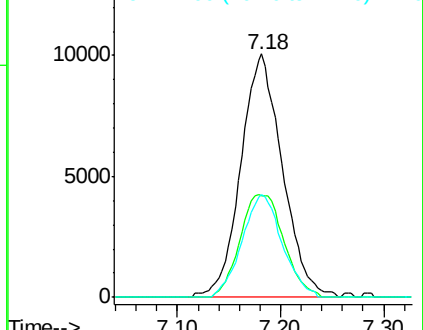
71 40.7 32.9 49.3



Abundance Ion 42.00 (41.70 to 42.70): VN060262.D (-1651) (-)

Ion 72.00 (71.70 to 72.70): VN060262.D (-1651) (-)

Ion 71.00 (70.70 to 71.70): VN060262.D (-1651) (-)



#30

Chloroform

Concen: 5.88 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN060262.D

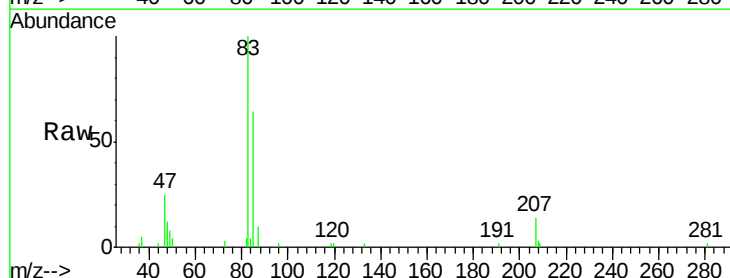
Acq: 27 Feb 2020 10:43

Tgt Ion: 83 Resp: 24444

Ion Ratio Lower Upper

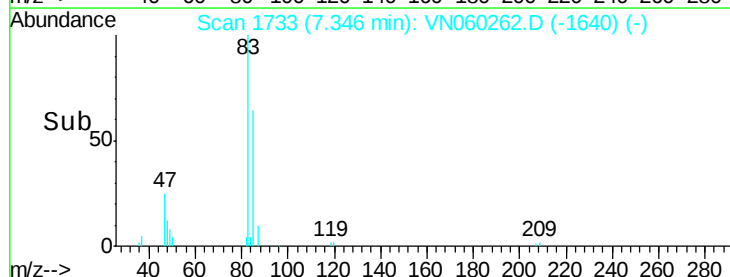
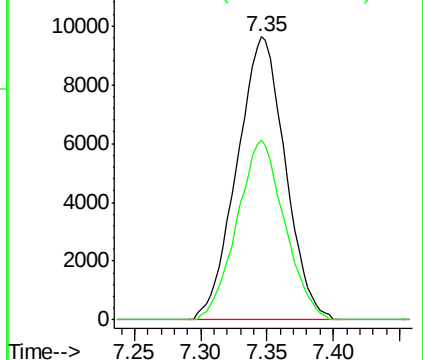
83 100

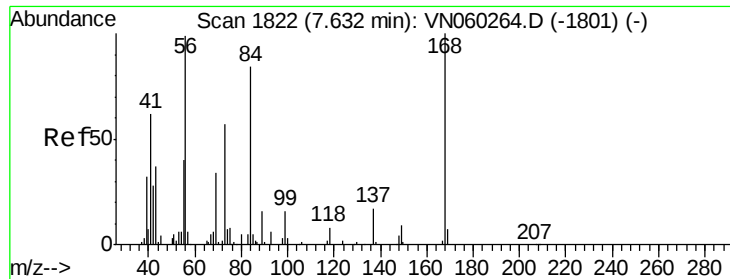
85 63.7 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN060262.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN060262.D (-1640) (-)





#31

Cyclohexane

Concen: 7.32 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

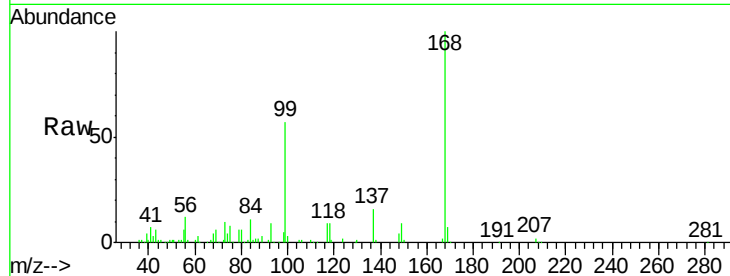
Tgt Ion: 56 Resp: 27289

Ion Ratio Lower Upper

56 100

69 52.7 27.2 40.8#

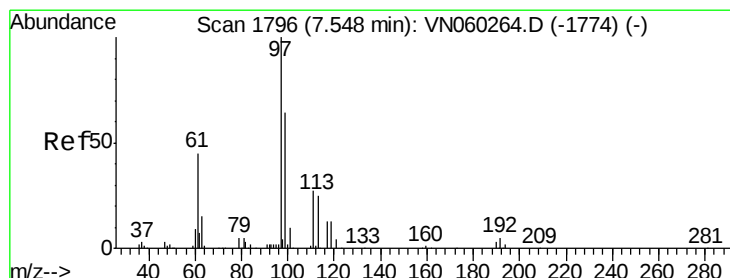
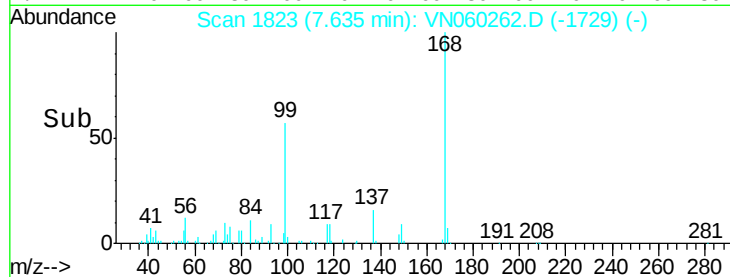
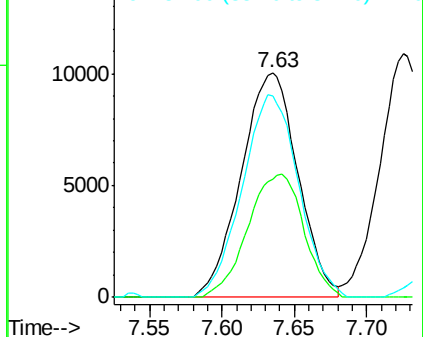
84 89.7 66.7 100.1



Abundance Ion 56.00 (55.70 to 56.70): VN060262.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060262.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060262.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 5.81 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

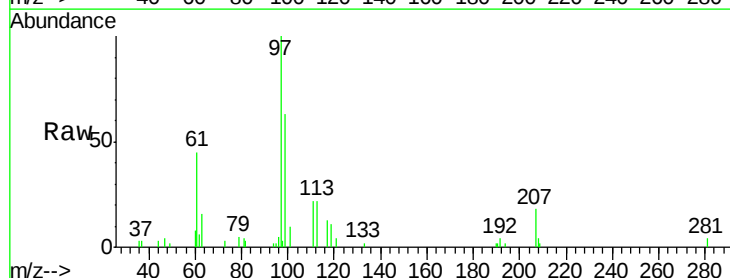
Tgt Ion: 97 Resp: 21944

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

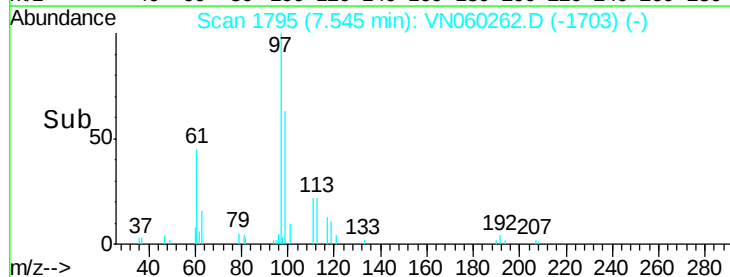
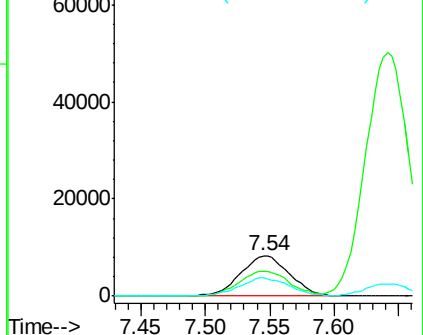
61 46.1 36.6 55.0

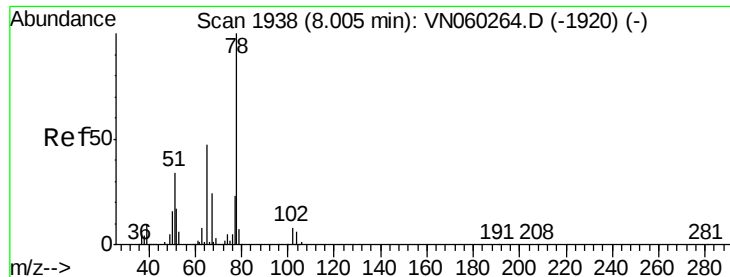


Abundance Ion 96.90 (96.60 to 97.60): VN060262.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060262.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060262.D (-1703) (-)





#33

1,2-Dichloroethane-d4

Concen: 5.36 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

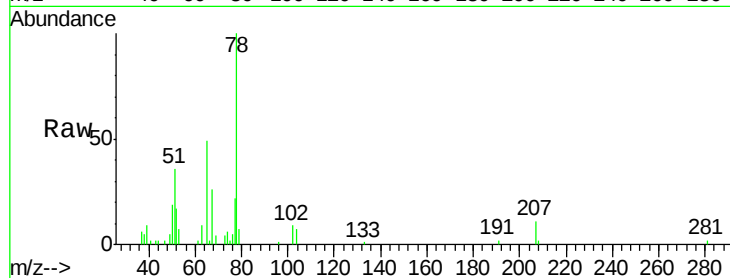
VSTDIC005

Tgt Ion: 65 Resp: 13990

Ion Ratio Lower Upper

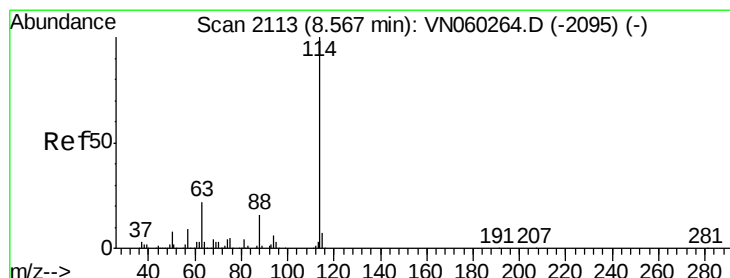
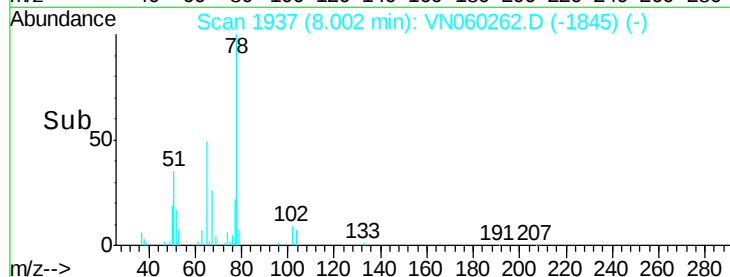
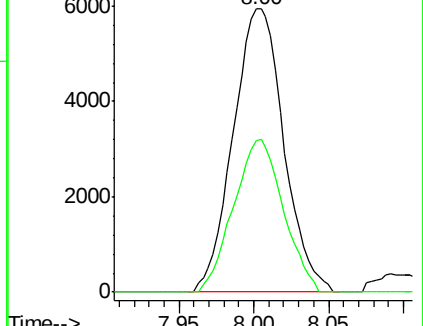
65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN060262.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060262.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

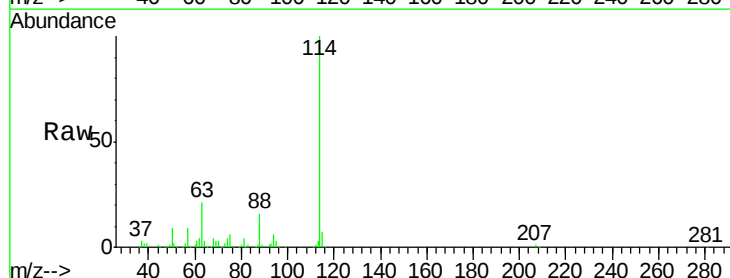
Tgt Ion: 114 Resp: 349272

Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.2

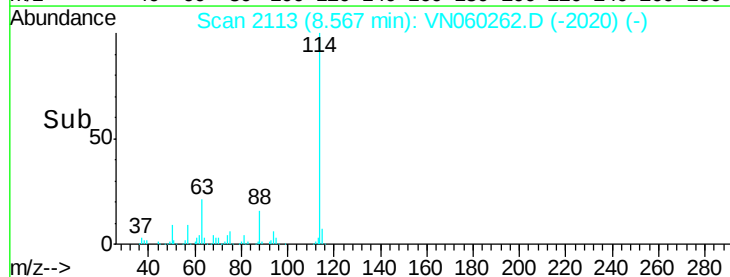
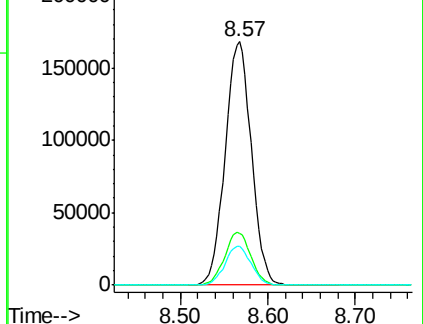
88 15.7 0.0 31.6

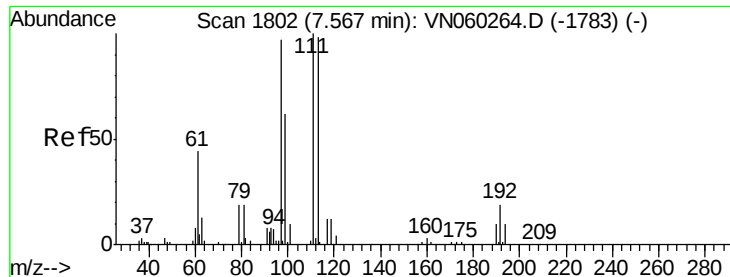


Abundance Ion 113.90 (113.60 to 114.60): VN060262.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060262.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060262.D (-2020) (-)

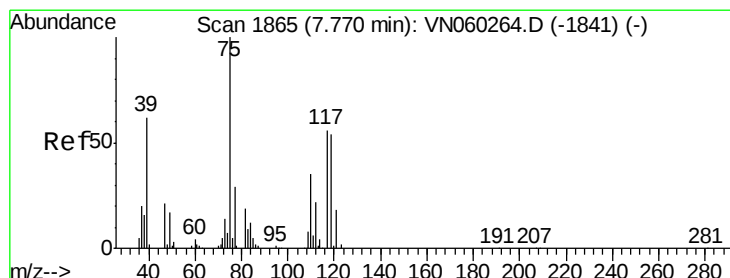
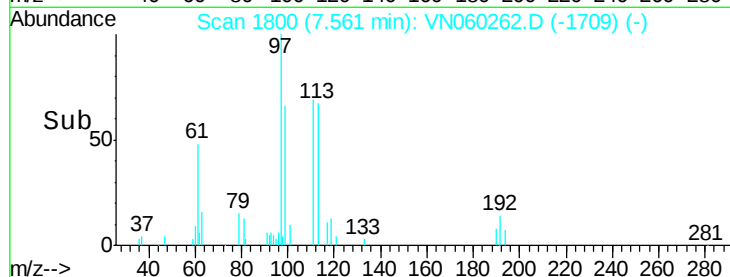
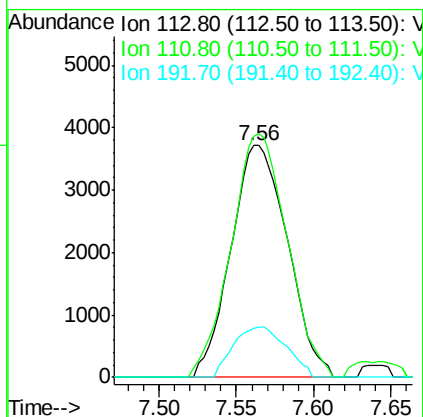
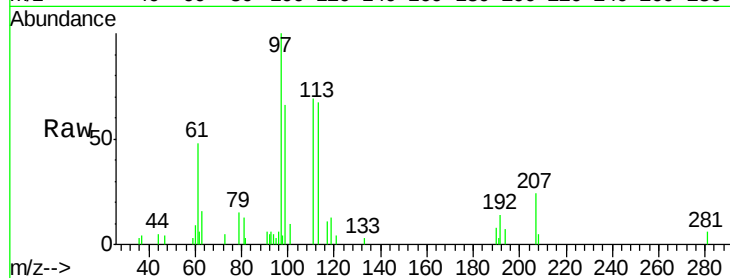




#35
Dibromofluoromethane
Concen: 4.67 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

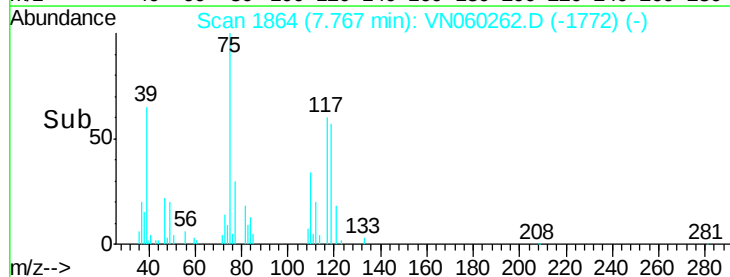
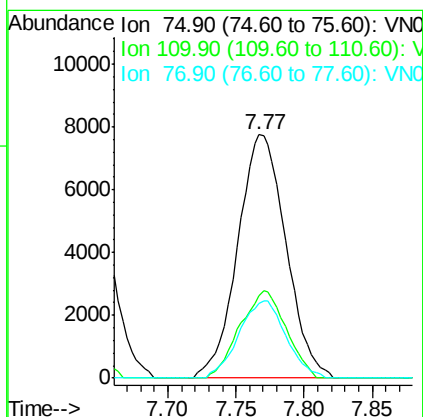
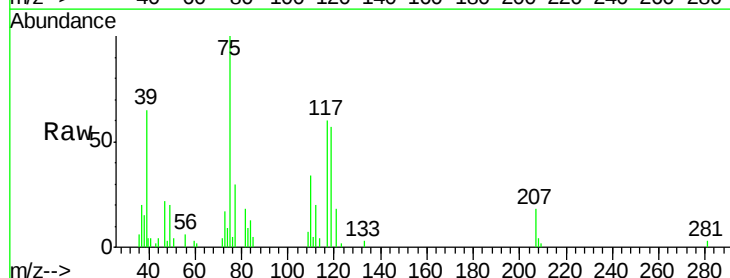
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

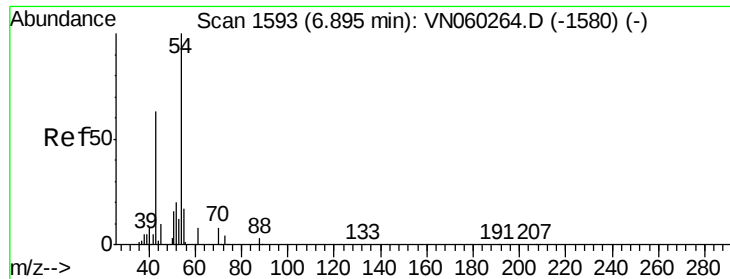
Tgt Ion: 113 Resp: 9444
Ion Ratio Lower Upper
113 100
111 104.1 82.4 123.6
192 20.3 16.2 24.2



#36
1,1-Dichloropropene
Concen: 5.90 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 75 Resp: 19012
Ion Ratio Lower Upper
75 100
110 34.5 17.3 52.0
77 31.0 24.2 36.2

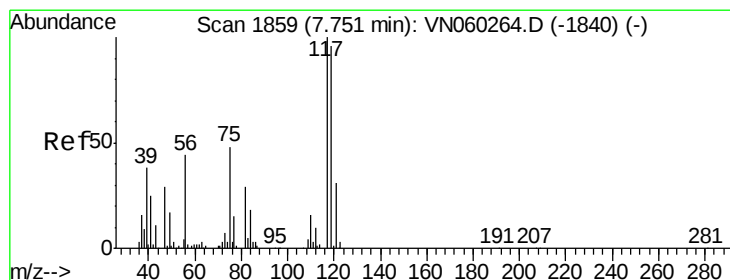
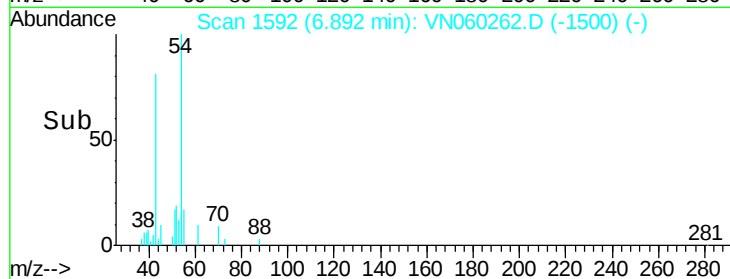
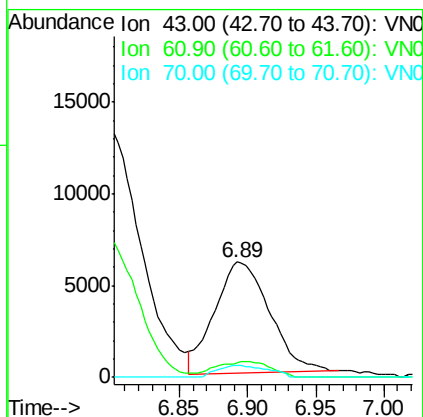
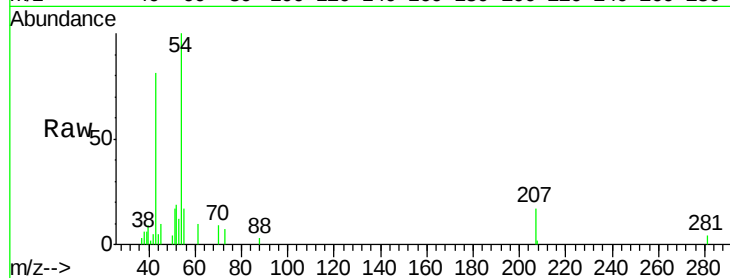




#37
 Ethyl Acetate
 Concen: 5.73 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

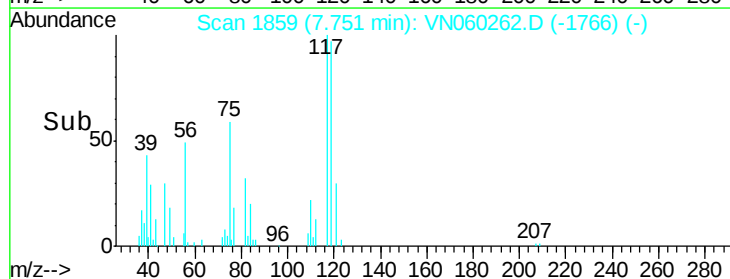
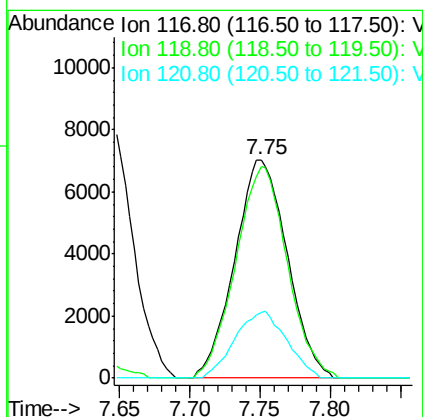
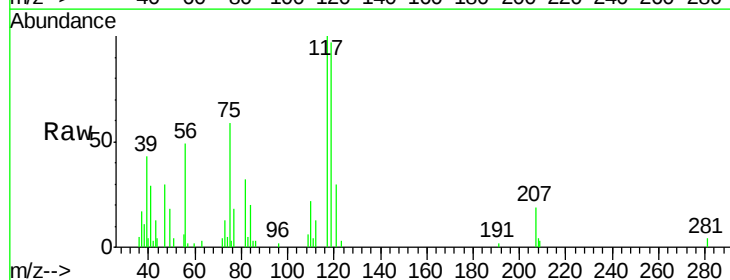
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 16949
 Ion Ratio Lower Upper
 43 100
 61 14.4 11.1 16.7
 70 9.7 8.4 12.6



#38
 Carbon Tetrachloride
 Concen: 5.27 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion: 117 Resp: 18288
 Ion Ratio Lower Upper
 117 100
 119 97.2 76.7 115.1
 121 30.4 24.5 36.7

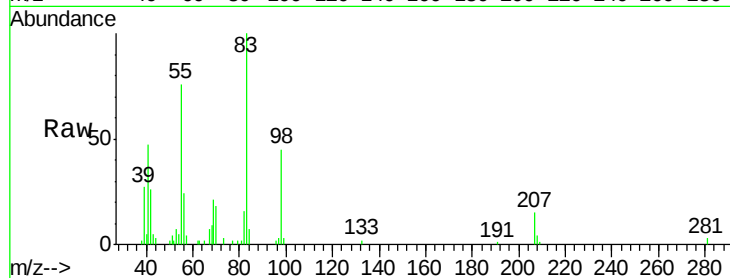




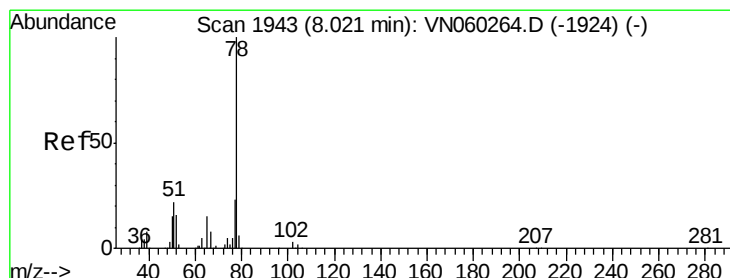
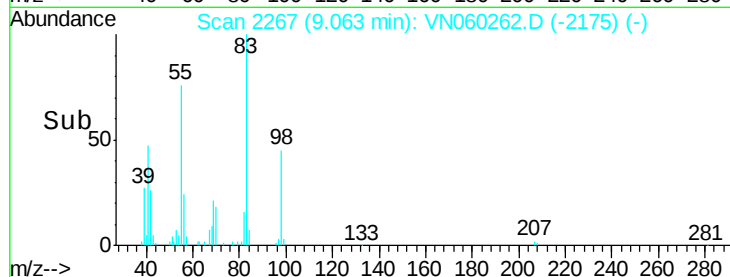
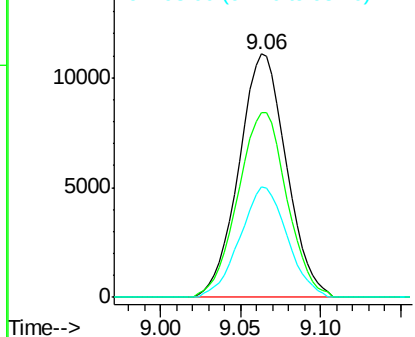
#39
Methylcyclohexane
Concen: 5.65 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 22496
Ion Ratio Lower Upper
83 100
55 75.8 61.0 91.4
98 45.4 36.1 54.1

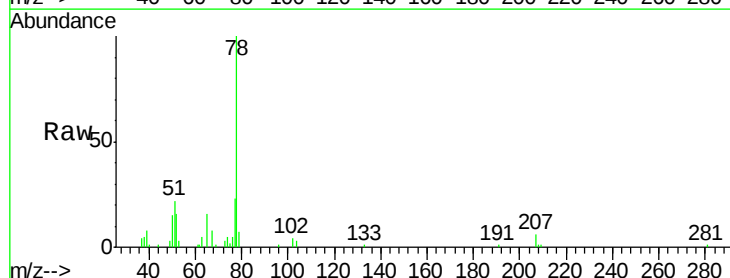


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

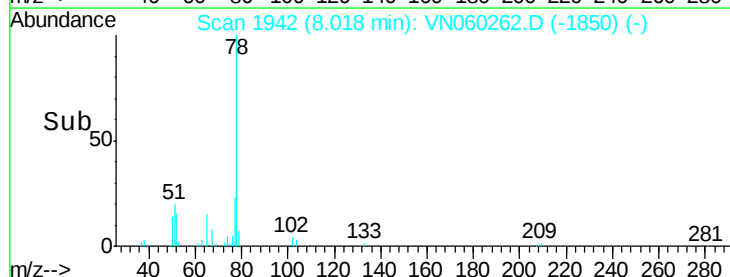
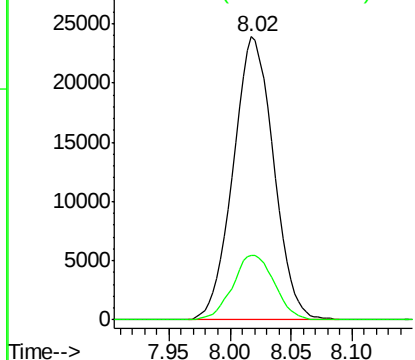


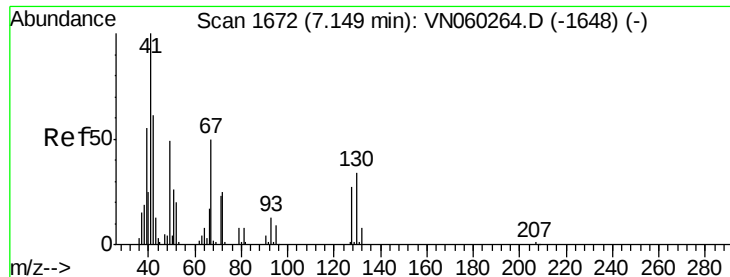
#40
Benzene
Concen: 5.73 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 78 Resp: 54953
Ion Ratio Lower Upper
78 100
77 22.7 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

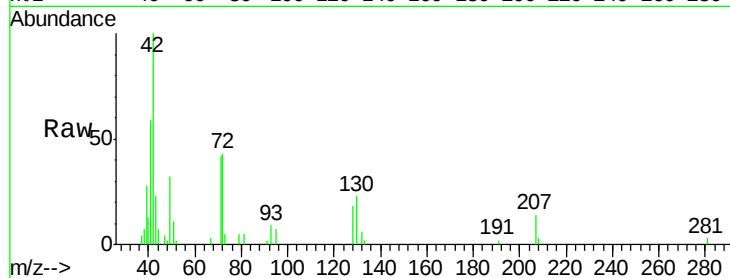




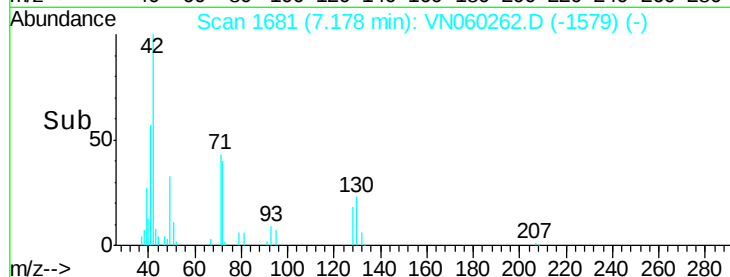
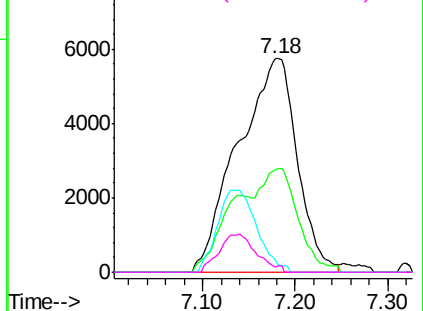
#41
Methacrylonitrile
Concen: 20.33 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	25513
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

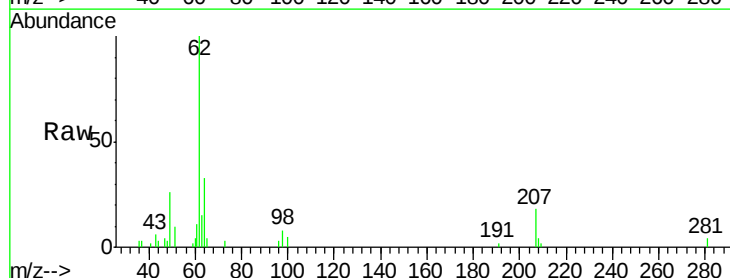


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

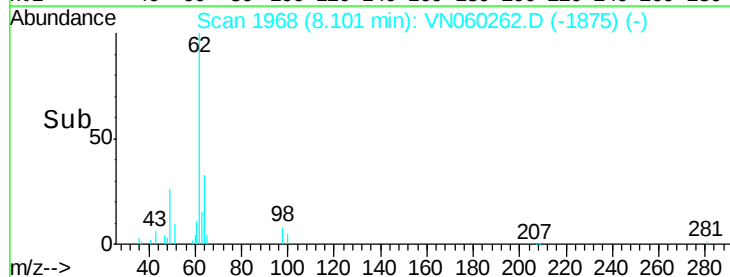
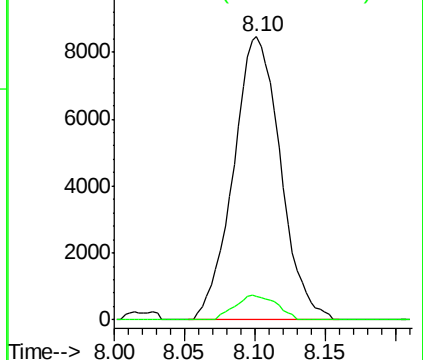


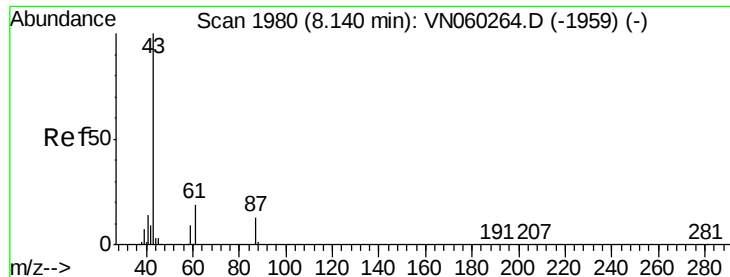
#42
1,2-Dichloroethane
Concen: 5.86 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion:	62	Resp:	19781
Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 6.01 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

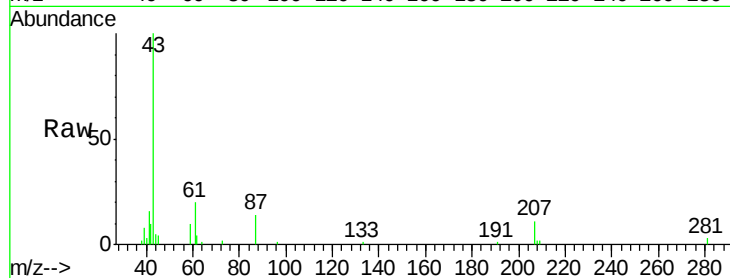
Tgt Ion: 43 Resp: 30542

Ion Ratio Lower Upper

43 100

61 26.8 20.9 31.3

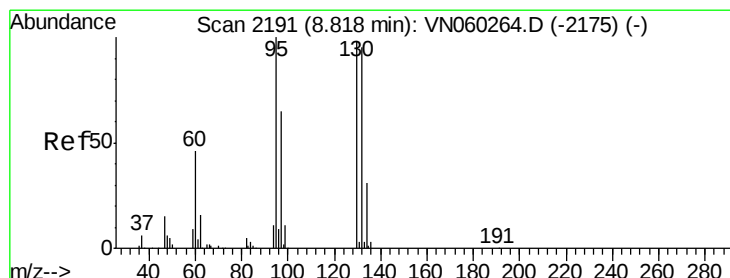
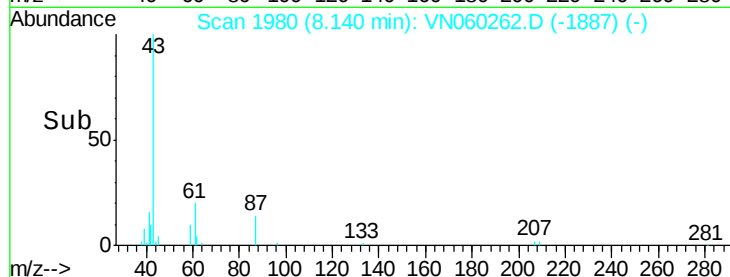
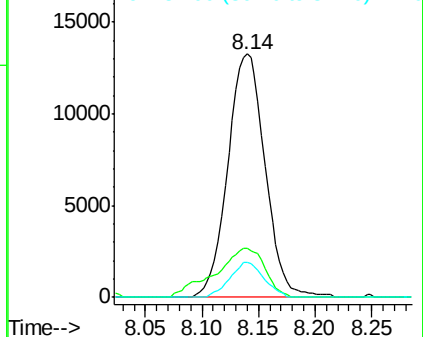
87 13.0 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060262.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060262.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060262.D (-1887) (-)



#44

Trichloroethene

Concen: 5.75 ug/l

RT: 8.82 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060262.D

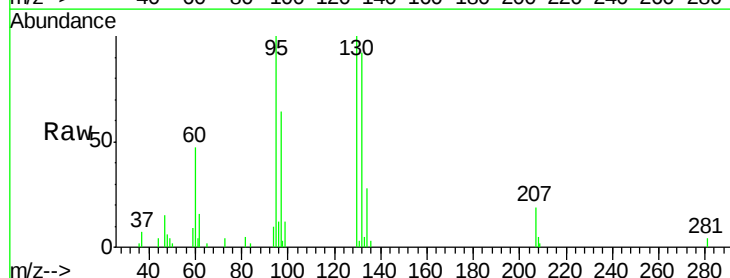
Acq: 27 Feb 2020 10:43

Tgt Ion: 130 Resp: 15254

Ion Ratio Lower Upper

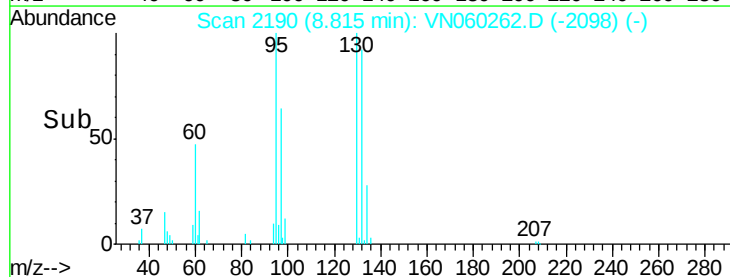
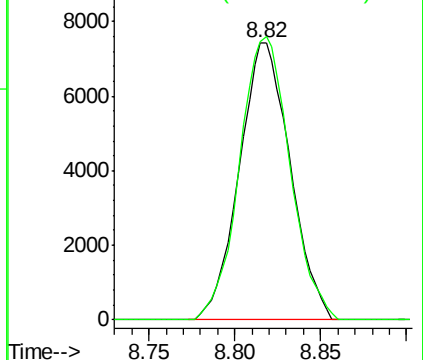
130 100

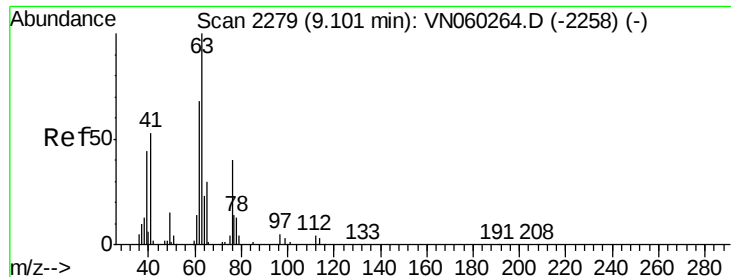
95 100.2 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060262.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN060262.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 6.05 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

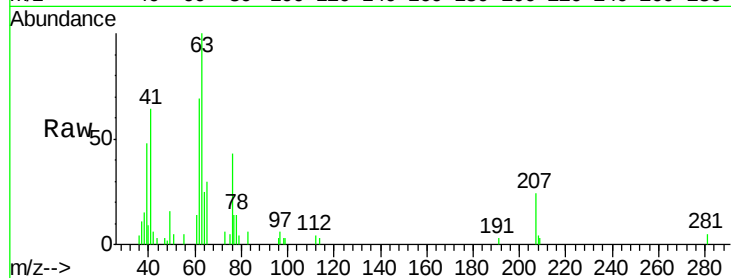
VSTDIC005

Tgt Ion: 63 Resp: 14496

Ion Ratio Lower Upper

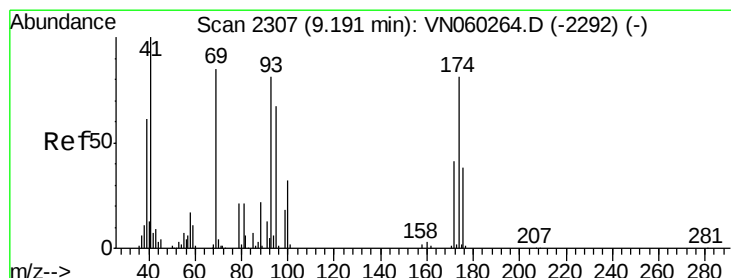
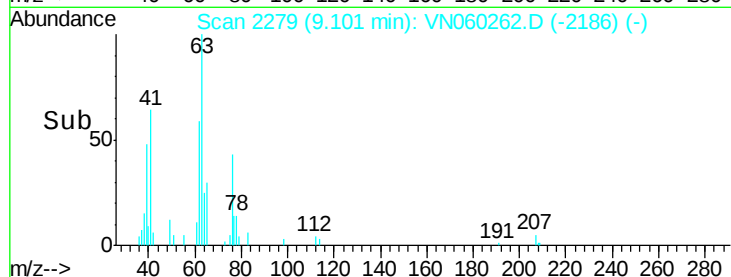
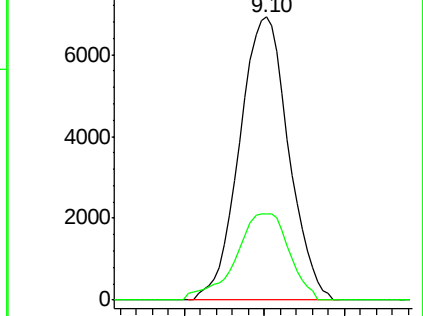
63 100

65 30.3 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN060262.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060262.D (-2186) (-)



#46

Dibromomethane

Concen: 5.53 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

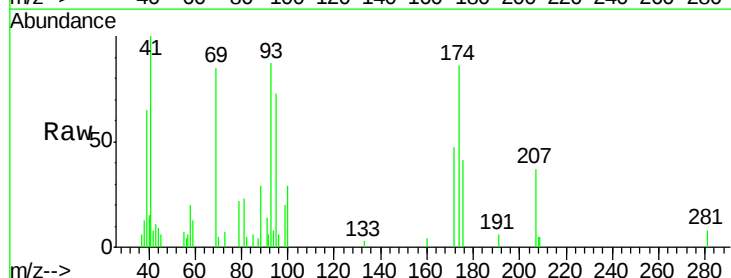
Tgt Ion: 93 Resp: 9224

Ion Ratio Lower Upper

93 100

95 80.4 65.9 98.9

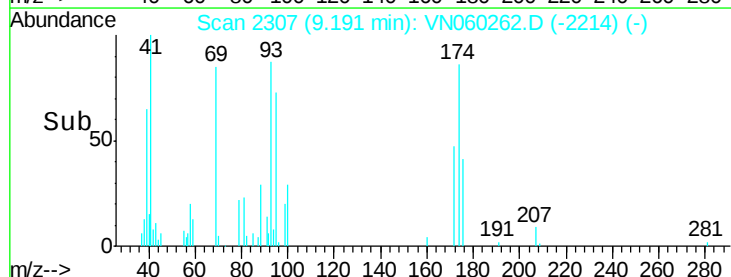
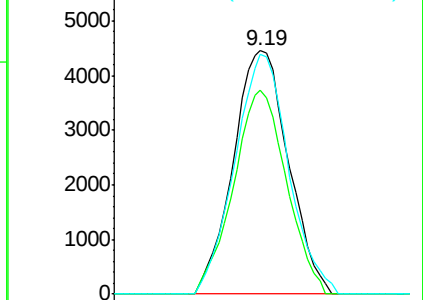
174 96.3 79.6 119.4

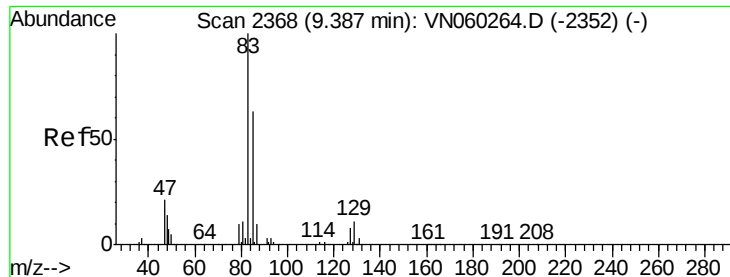


Abundance Ion 92.80 (92.50 to 93.50): VN060262.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060262.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060262.D (-2214) (-)





#47

Bromodichloromethane

Concen: 5.27 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

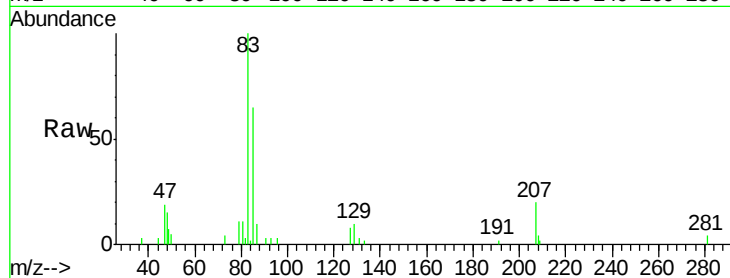
Tgt Ion: 83 Resp: 17908

Ion Ratio Lower Upper

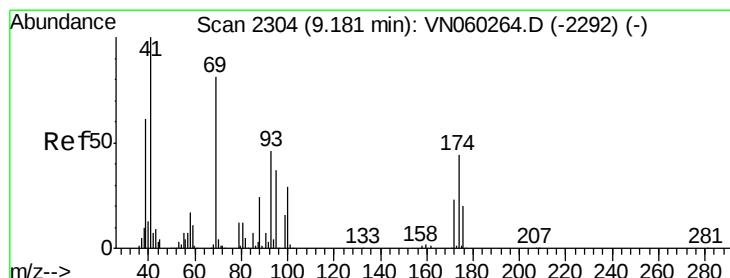
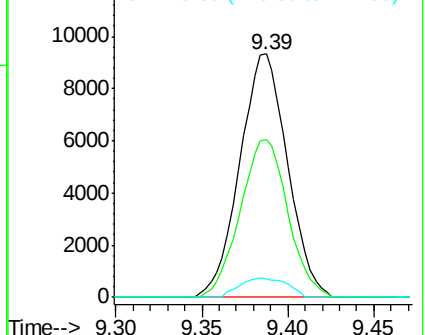
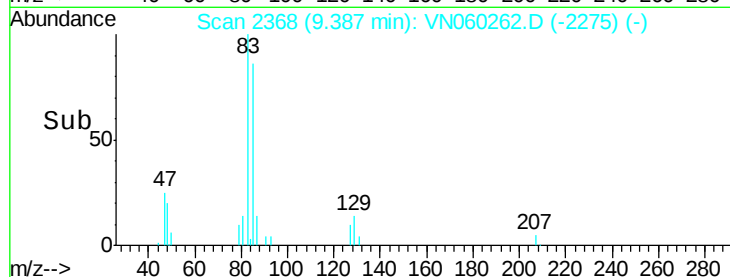
83 100

85 64.9 50.7 76.1

127 7.8 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN060262.D (-2275) (-)



#48

Methyl methacrylate

Concen: 5.69 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

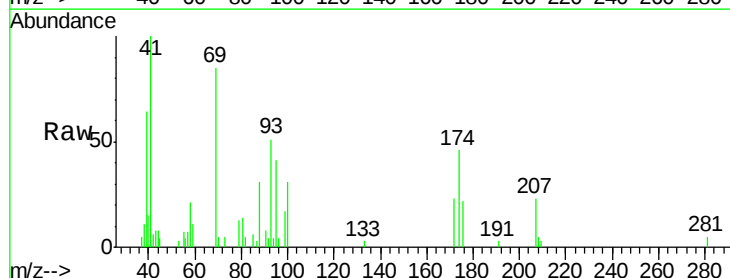
Tgt Ion: 41 Resp: 12966

Ion Ratio Lower Upper

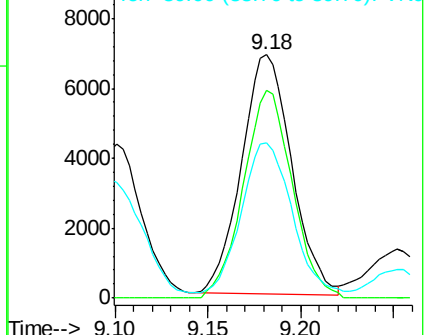
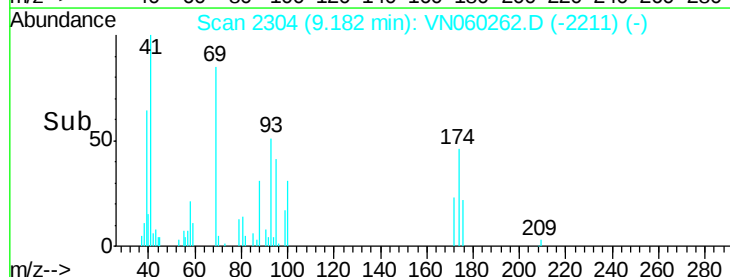
41 100

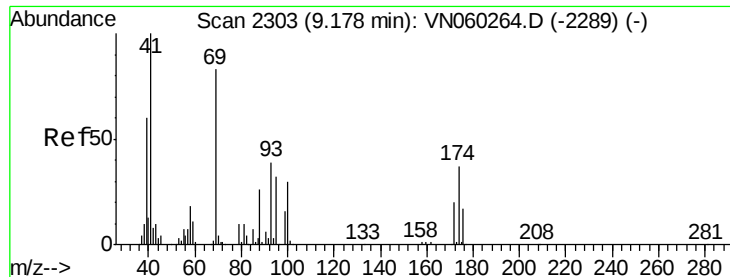
69 83.7 66.7 100.1

39 63.3 50.1 75.1



Abundance Ion 41.00 (40.70 to 41.70): VN060262.D (-2211) (-)

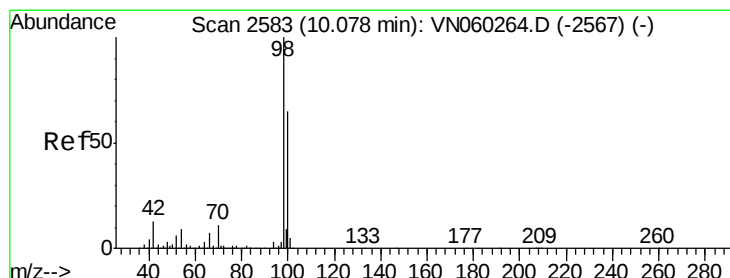
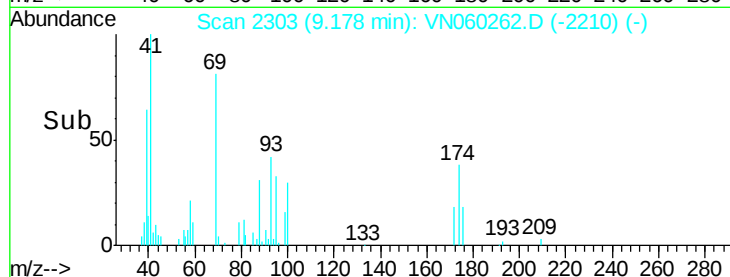
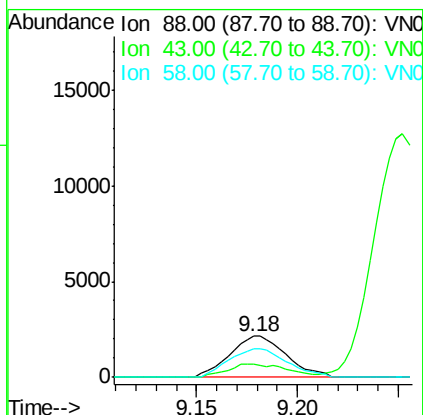
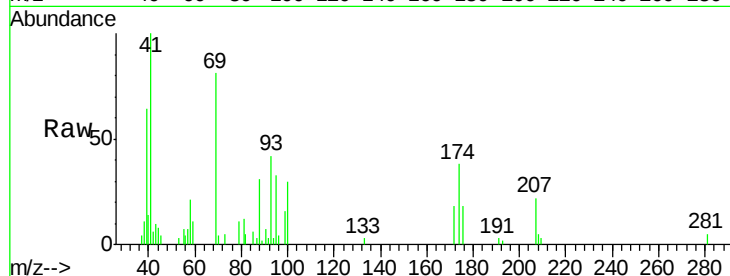




#49
1,4-Dioxane
Concen: 113.18 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

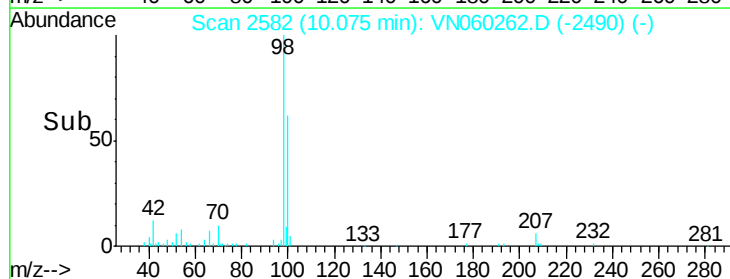
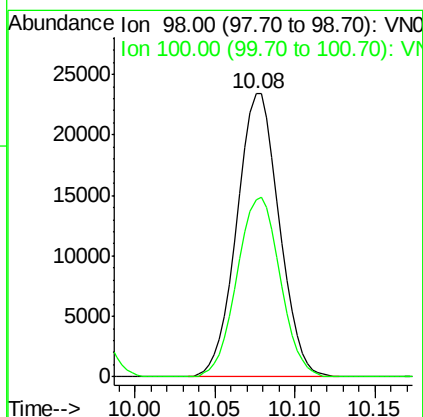
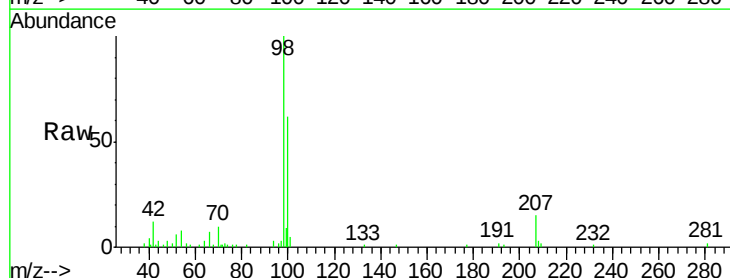
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

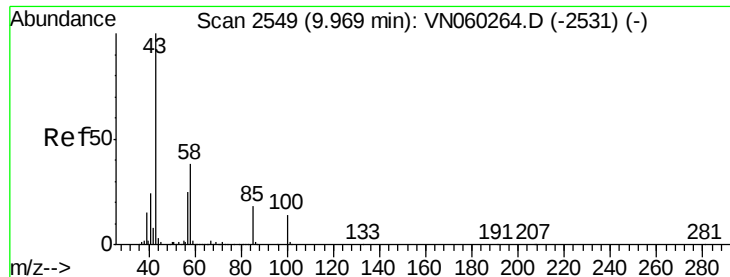
Tgt Ion: 88 Resp: 4174
Ion Ratio Lower Upper
88 100
43 34.0 30.4 45.6
58 71.8 57.0 85.6



#50
Toluene-d8
Concen: 5.10 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 98 Resp: 42361
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 29.03 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

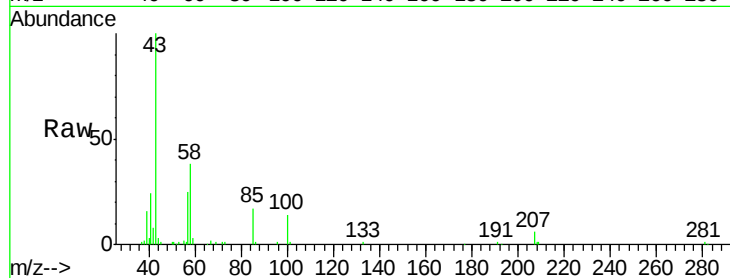
VSTDIC005

Tgt Ion: 43 Resp: 84928

Ion Ratio Lower Upper

43 100

58 38.5 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

9.97

50000

40000

30000

20000

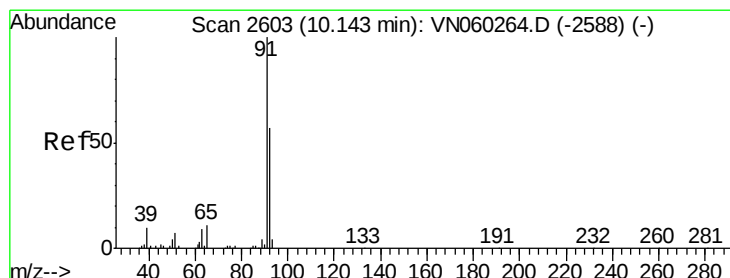
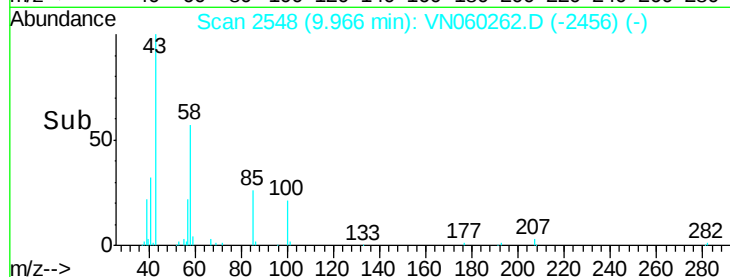
10000

0

9.90

10.00

Time-->



#52

Toluene

Concen: 5.54 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060262.D

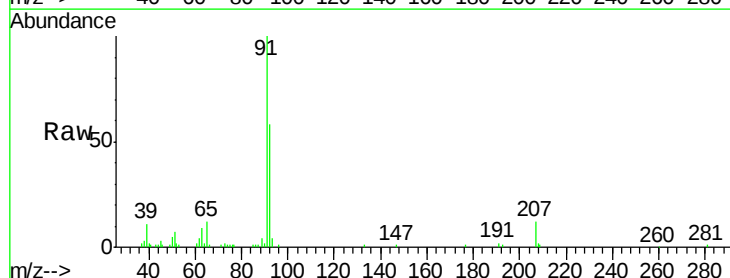
Acq: 27 Feb 2020 10:43

Tgt Ion: 92 Resp: 33957

Ion Ratio Lower Upper

92 100

91 171.5 138.1 207.1



Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)

10.14

30000

20000

10000

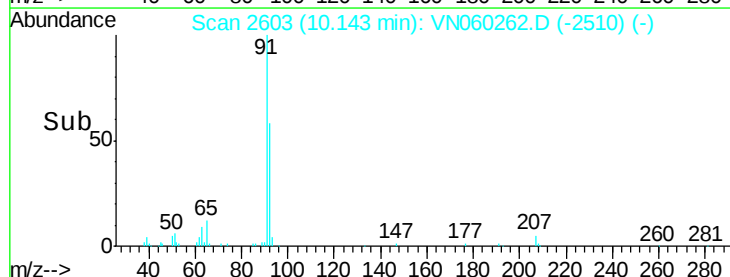
0

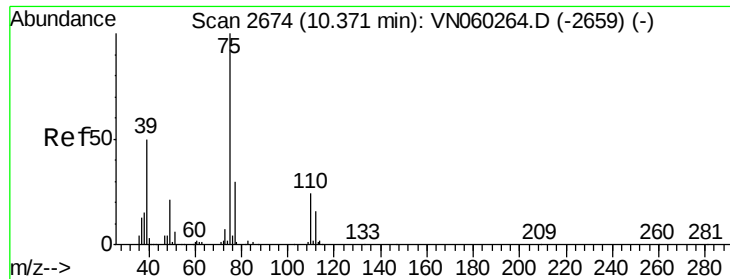
10.10

10.15

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 5.88 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

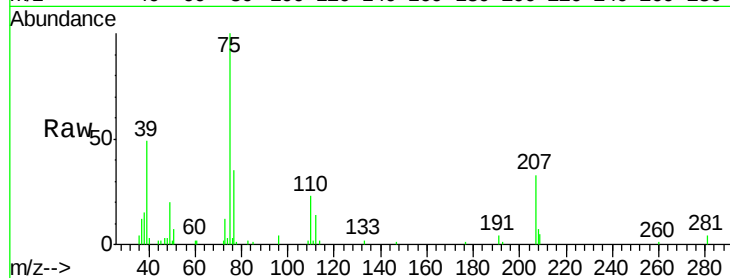
VSTDIC005

Tgt Ion: 75 Resp: 22703

Ion Ratio Lower Upper

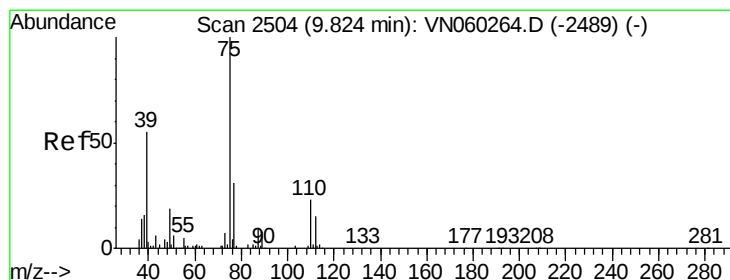
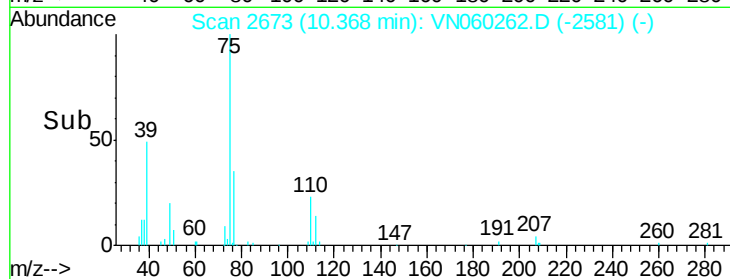
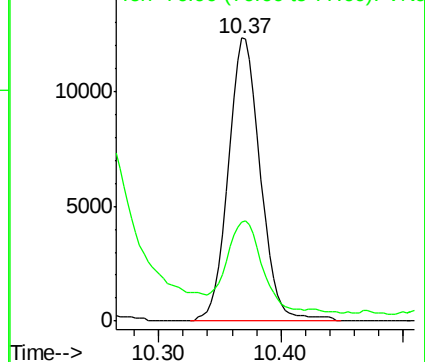
75 100

77 31.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 5.79 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

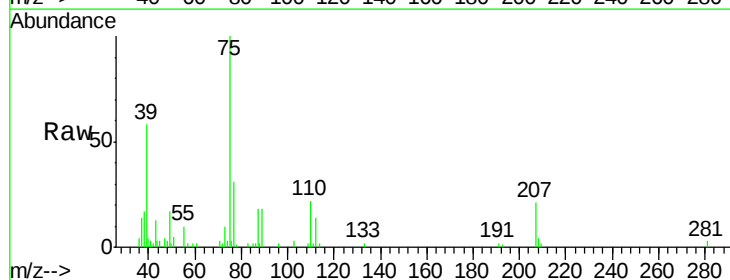
Tgt Ion: 75 Resp: 23570

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2

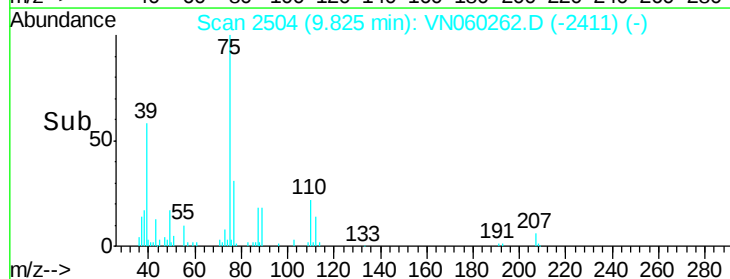
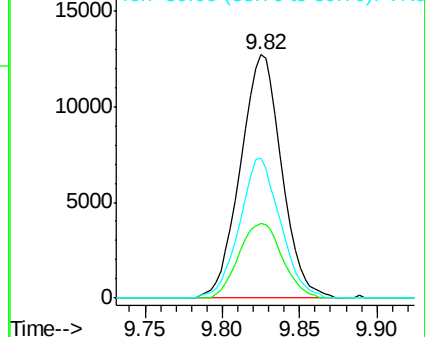
39 57.6 43.8 65.8

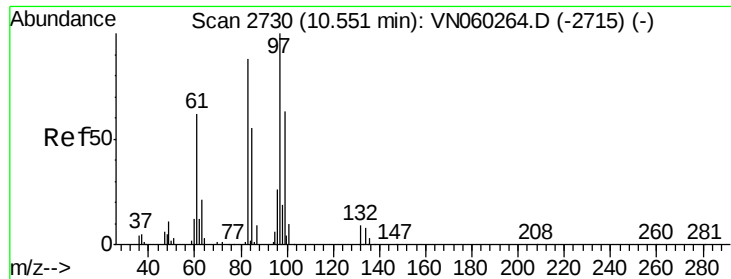


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 5.70 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 13619

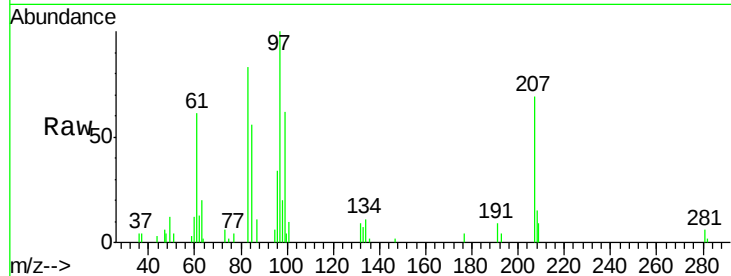
Ion Ratio Lower Upper

97 100

83 83.1 70.0 105.0

85 55.7 44.0 66.0

99 62.0 50.4 75.6

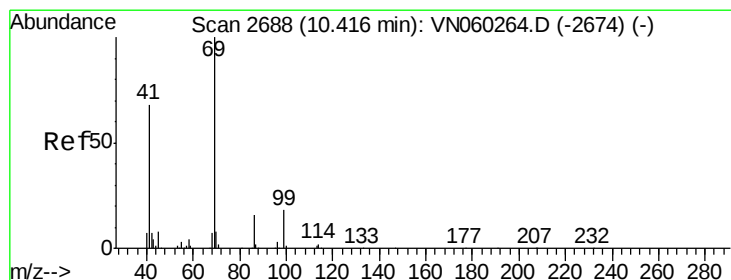
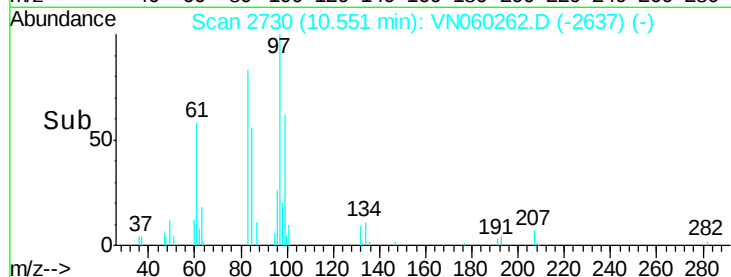
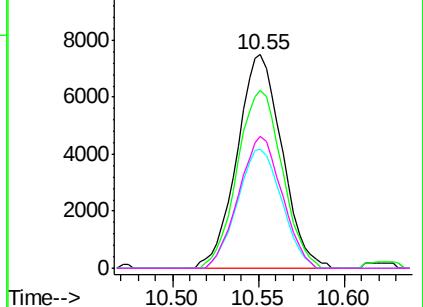


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 5.25 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

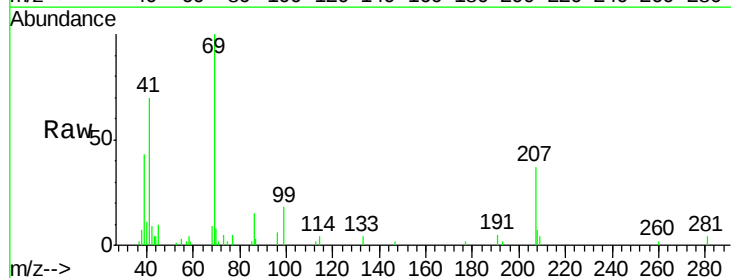
Tgt Ion: 69 Resp: 17905

Ion Ratio Lower Upper

69 100

41 73.5 54.1 81.1

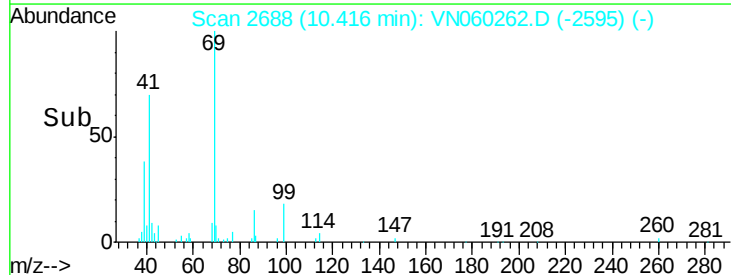
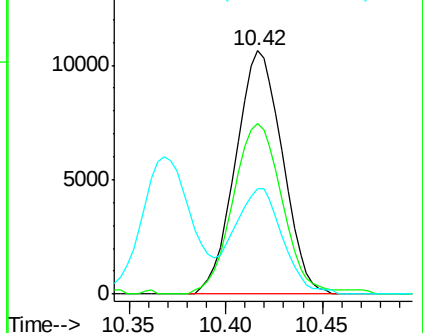
39 45.5 32.5 48.7

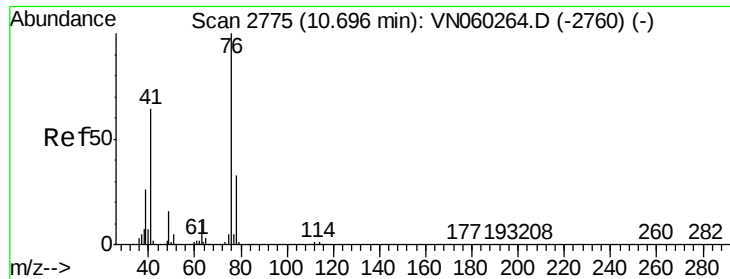


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 5.51 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampled :

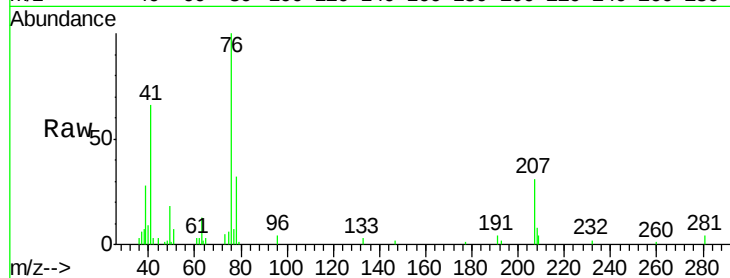
VSTDIC005

Tgt Ion: 76 Resp: 21858

Ion Ratio Lower Upper

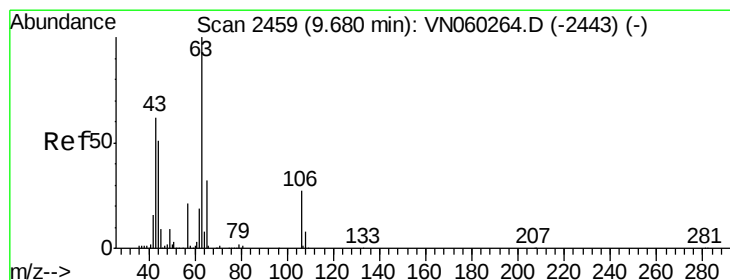
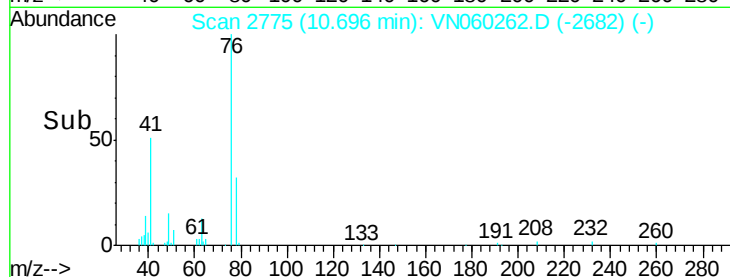
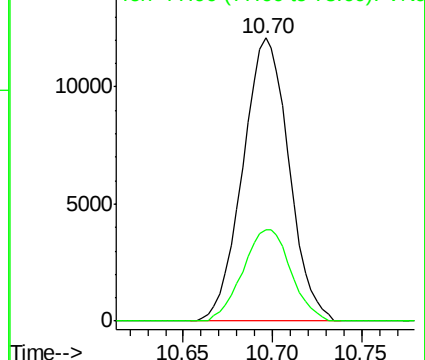
76 100

78 33.7 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 32.97 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060262.D

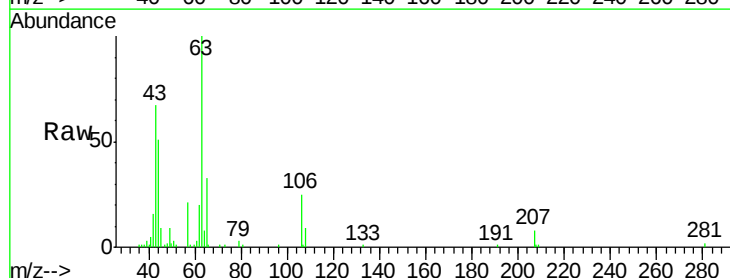
Acq: 27 Feb 2020 10:43

Tgt Ion: 63 Resp: 53193

Ion Ratio Lower Upper

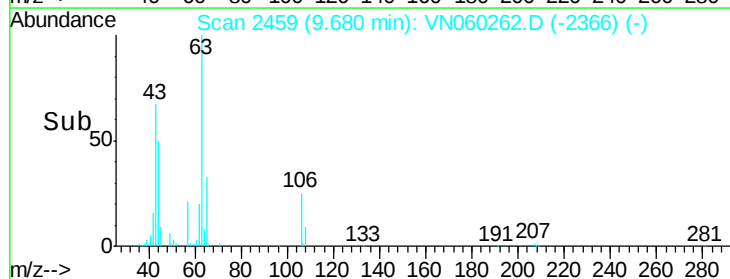
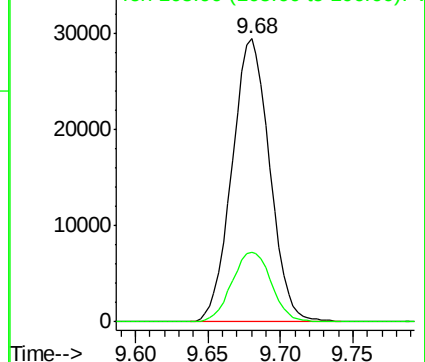
63 100

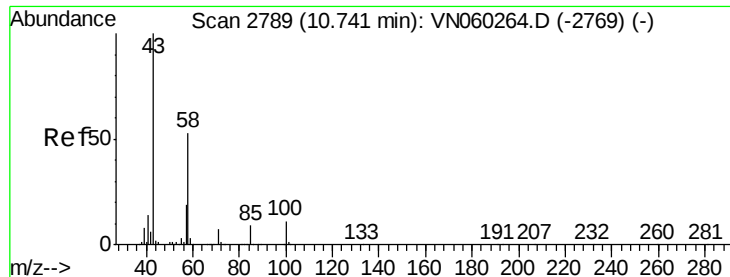
106 25.7 21.1 31.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 27.62 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

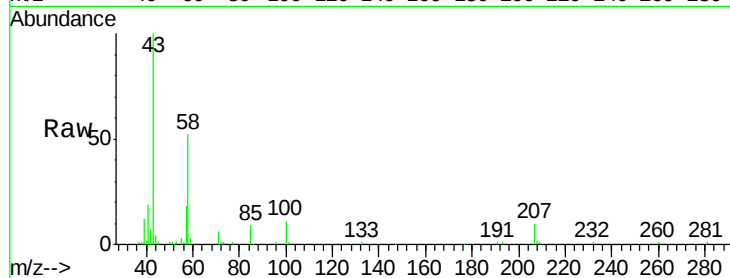
VSTDIC005

Tgt Ion: 43 Resp: 61451

Ion Ratio Lower Upper

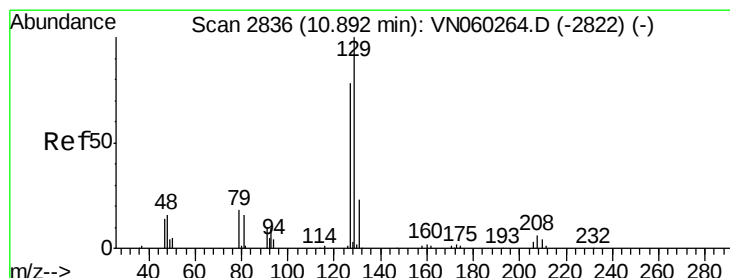
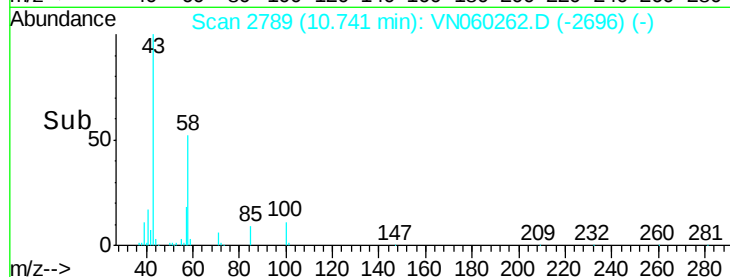
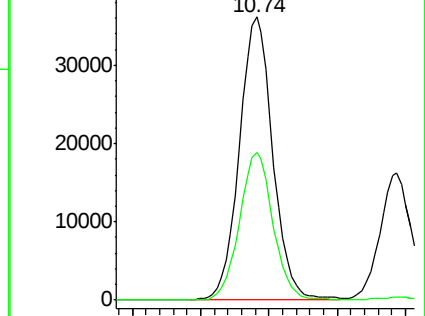
43 100

58 52.0 26.5 79.5



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2769) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2769) (-)



#60

Dibromochloromethane

Concen: 4.87 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN060262.D

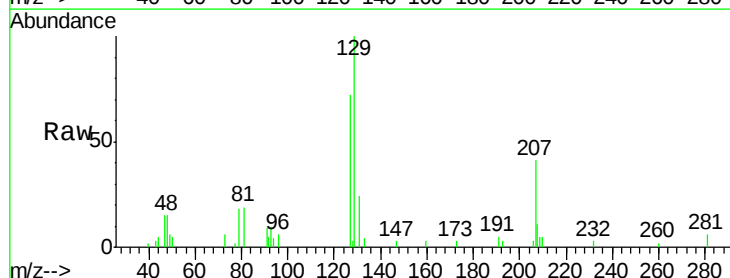
Acq: 27 Feb 2020 10:43

Tgt Ion: 129 Resp: 13177

Ion Ratio Lower Upper

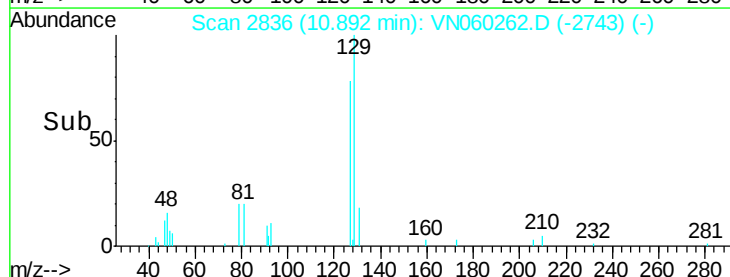
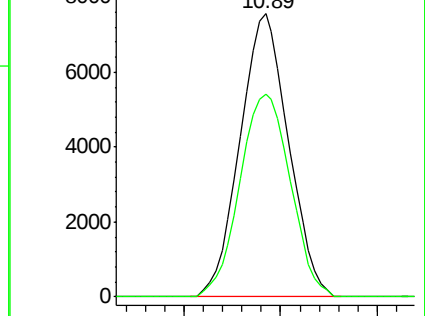
129 100

127 74.6 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VN060264.D (-2822) (-)

Ion 126.80 (126.50 to 127.50): VN060264.D (-2822) (-)

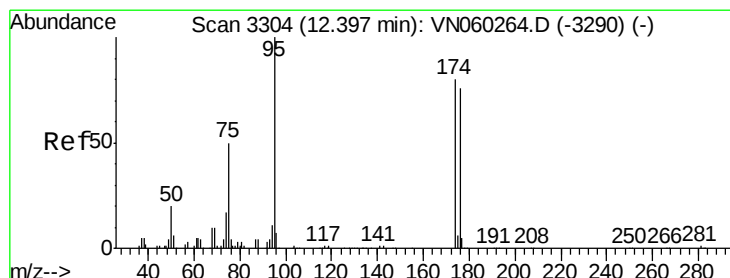
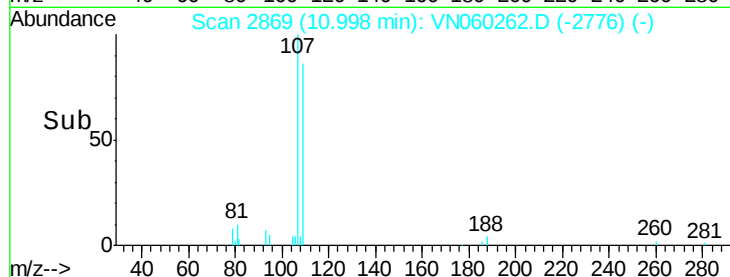
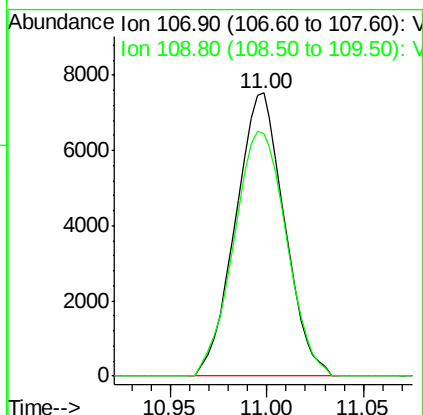
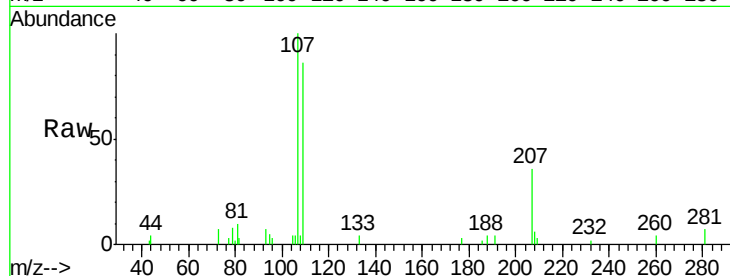




#61
 1,2-Dibromoethane
 Concen: 5.32 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

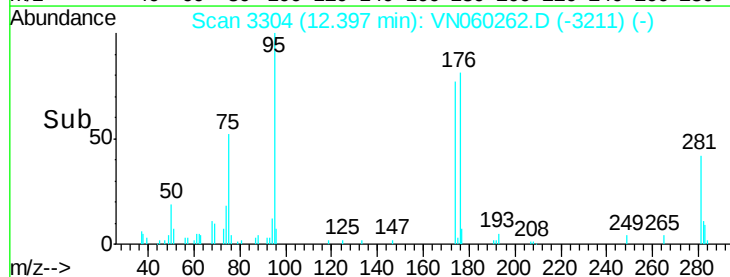
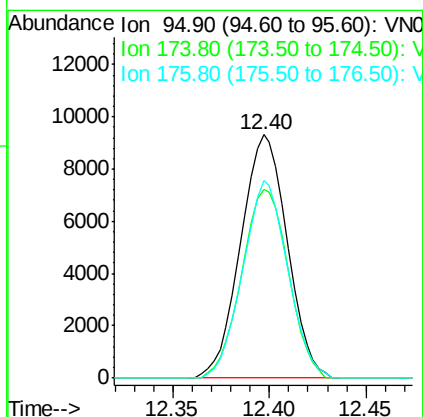
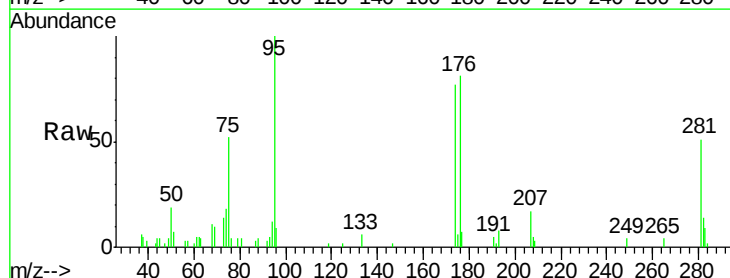
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

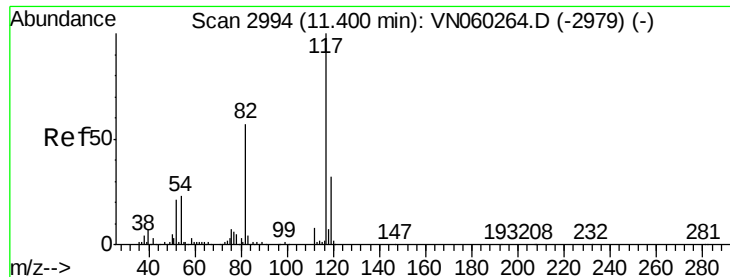
Tgt Ion: 107 Resp: 13234
 Ion Ratio Lower Upper
 107 100
 109 92.8 76.8 115.2



#62
 4-Bromofluorobenzene
 Concen: 5.08 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion: 95 Resp: 15601
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 159.2
 176 78.3 0.0 153.8

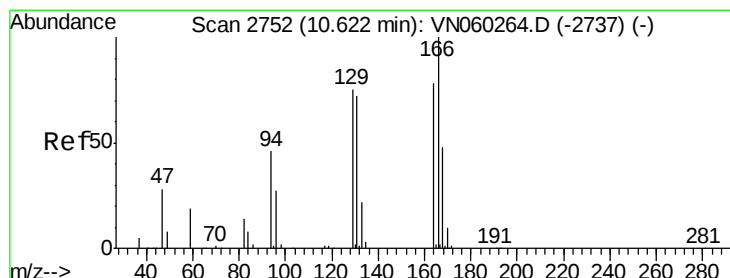
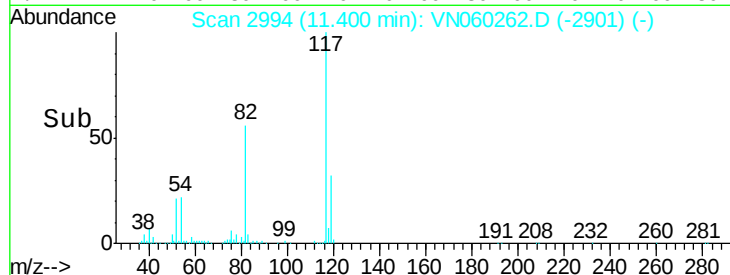
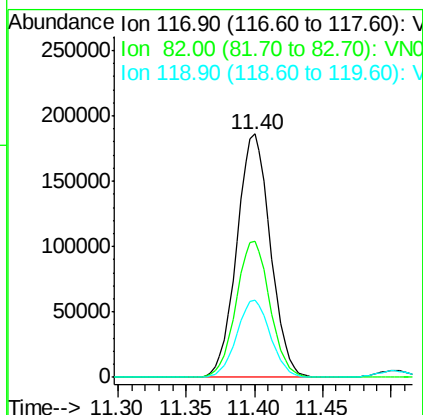
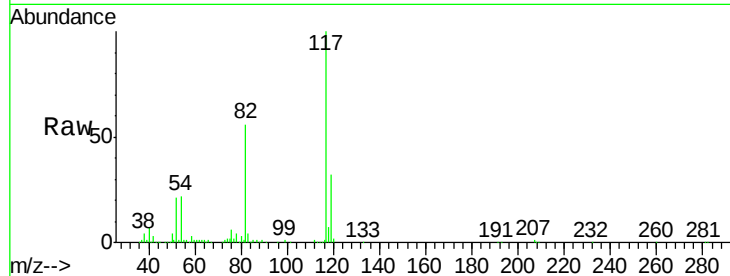




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

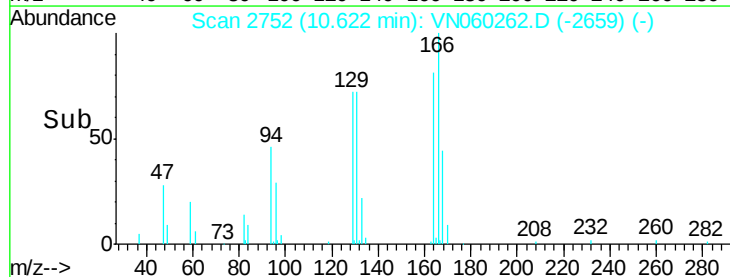
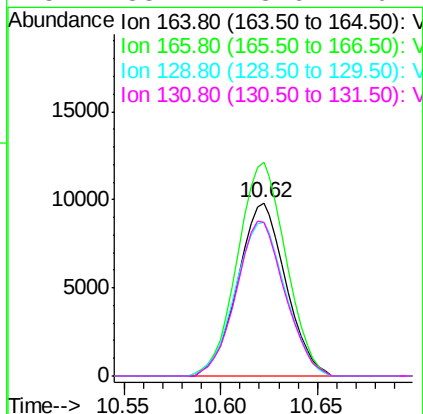
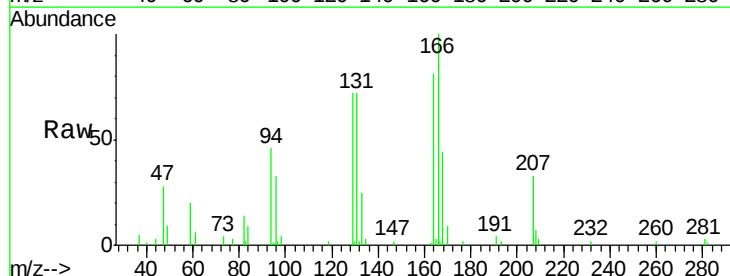
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

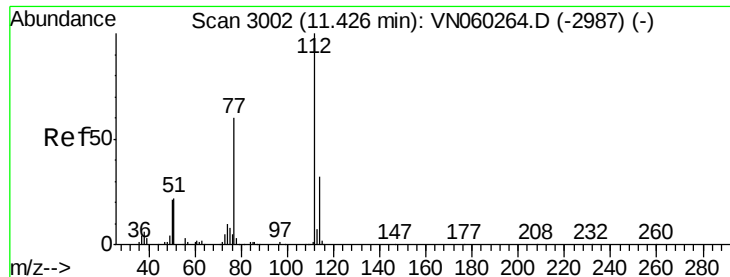
Tgt Ion:117 Resp: 317948
Ion Ratio Lower Upper
117 100
82 56.0 45.8 68.6
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 6.91 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion:164 Resp: 16988
Ion Ratio Lower Upper
164 100
166 123.2 102.0 153.0
129 88.5 76.4 114.6
131 88.4 73.6 110.4





#65

Chlorobenzene

Concen: 5.51 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

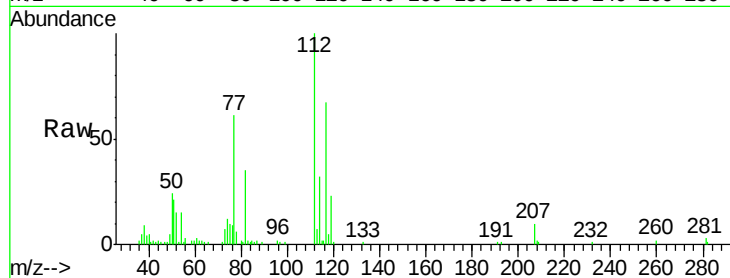
VSTDIC005

Tgt Ion:112 Resp: 35531

Ion Ratio Lower Upper

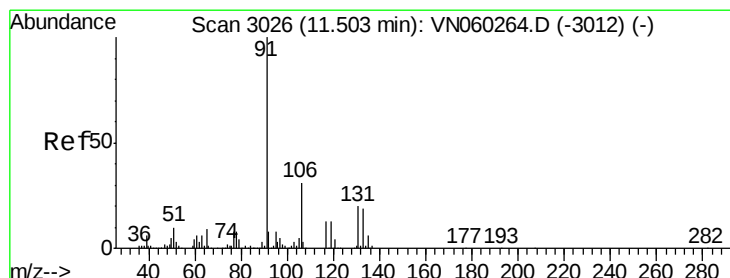
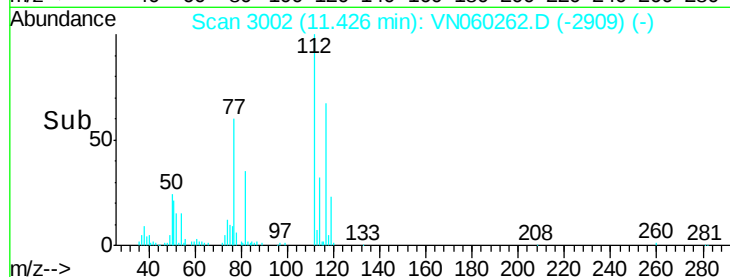
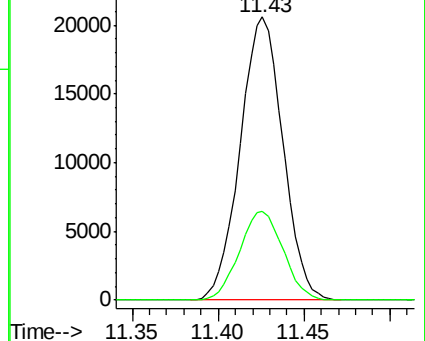
112 100

114 31.5 25.4 38.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.31 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

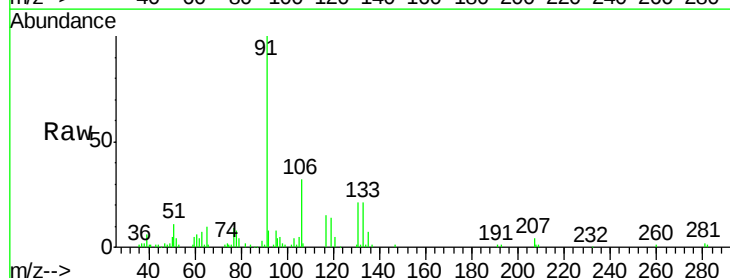
Tgt Ion:131 Resp: 12923

Ion Ratio Lower Upper

131 100

133 96.8 47.7 143.1

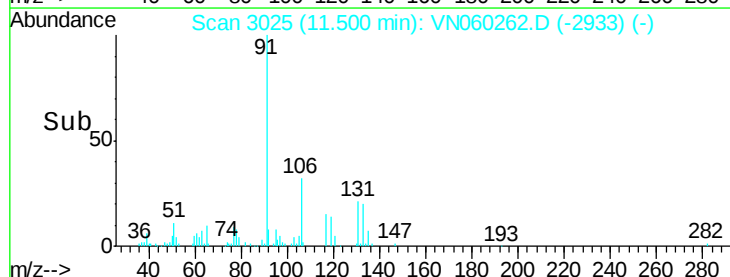
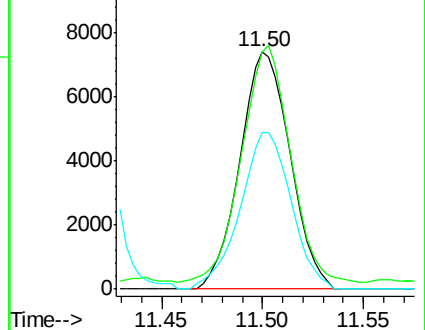
119 66.8 33.2 99.6

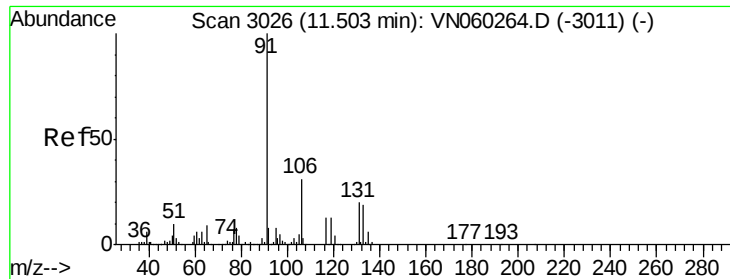


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

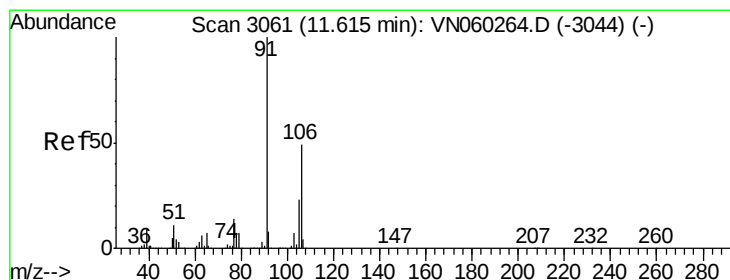
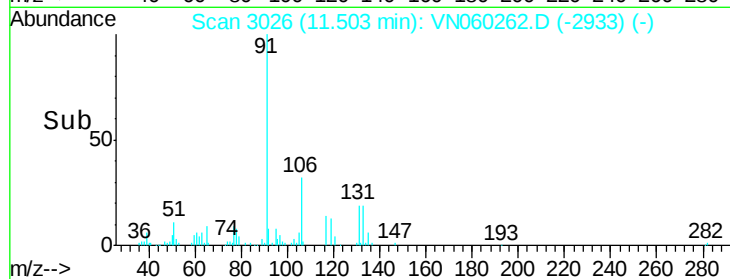
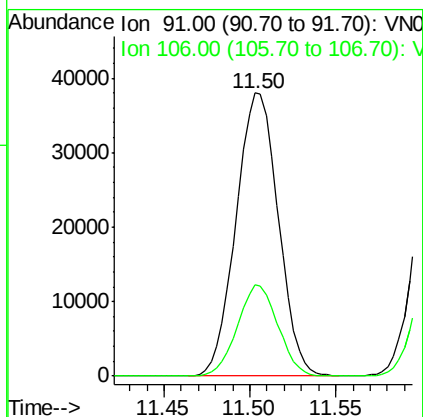
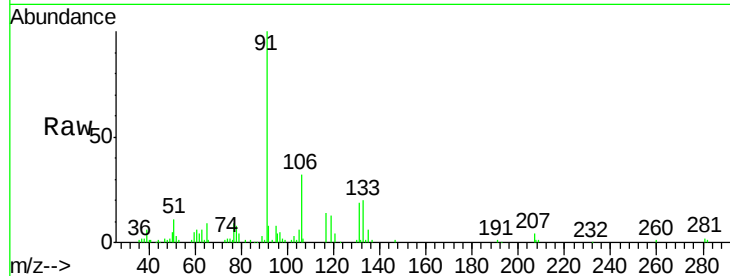




#67
Ethyl Benzene
Concen: 5.56 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

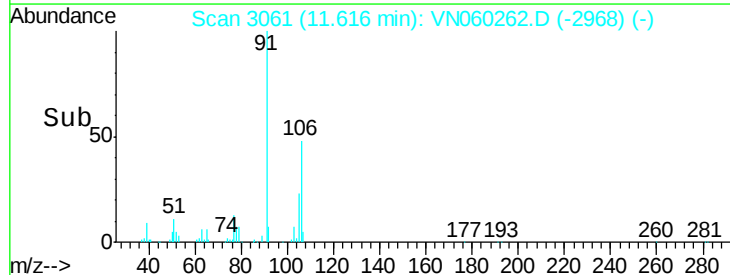
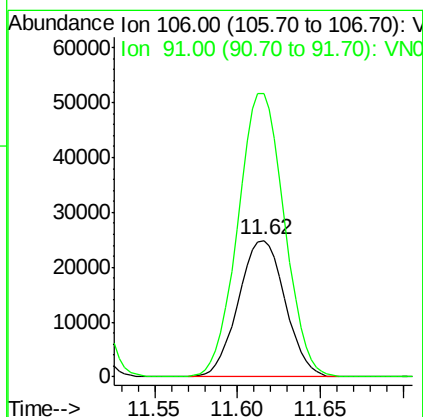
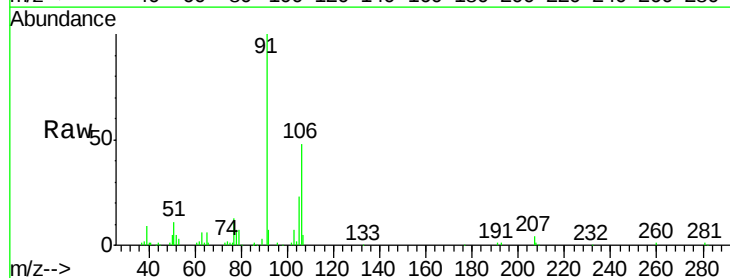
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 64818
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1



#68
m/p-Xylenes
Concen: 11.19 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 106 Resp: 48858
Ion Ratio Lower Upper
106 100
91 205.6 164.5 246.7

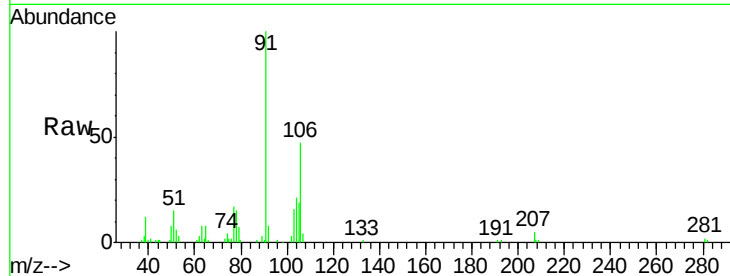




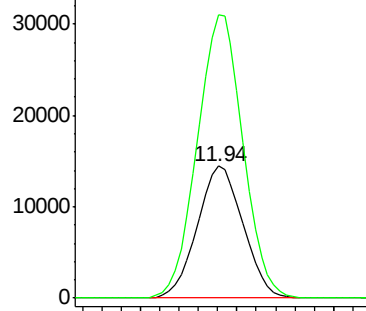
#69
o-Xylene
Concen: 5.65 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

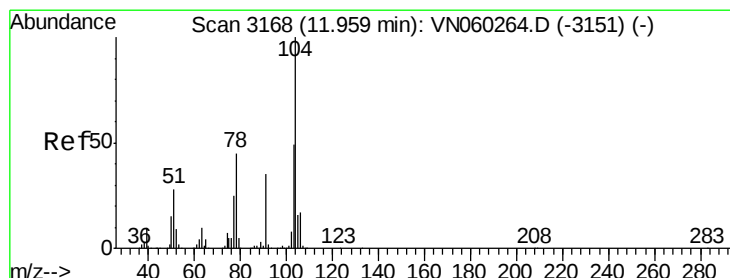
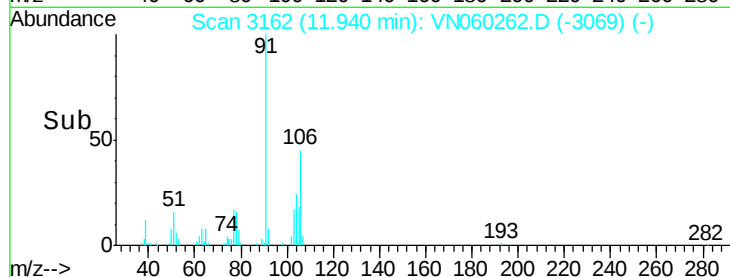
Tgt Ion:106 Resp: 23764
Ion Ratio Lower Upper
106 100
91 214.1 109.5 328.4



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

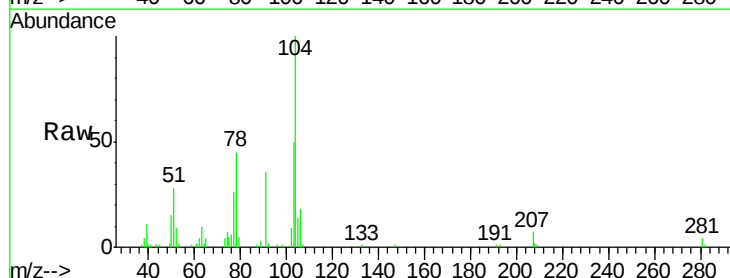


Time-->

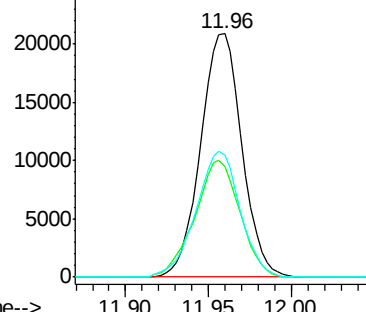


#70
Styrene
Concen: 5.31 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

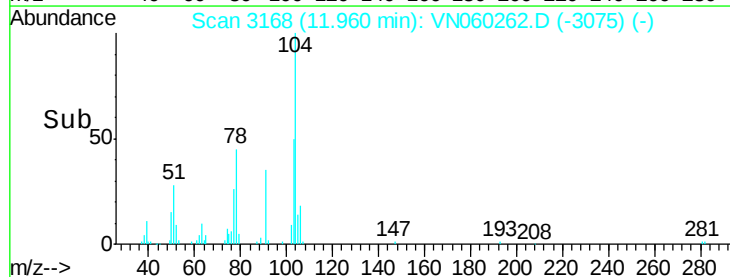
Tgt Ion:104 Resp: 36023
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 55.2 43.9 65.9

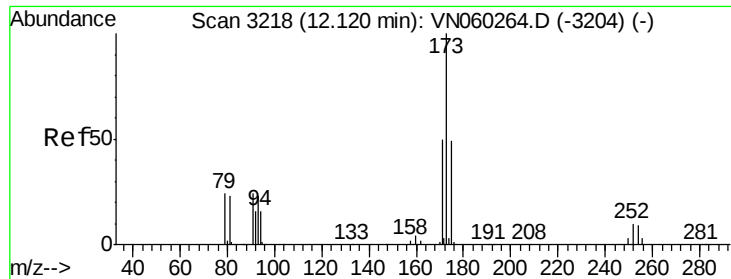


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 4.46 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

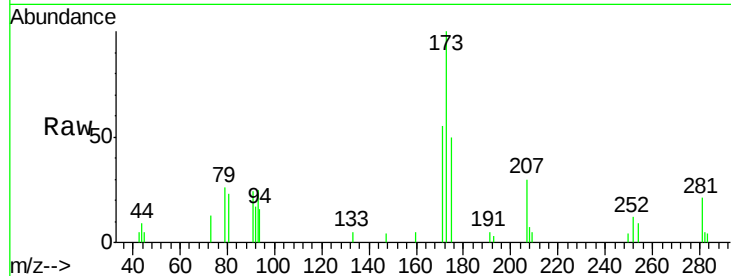
Tgt Ion:173 Resp: 8608

Ion Ratio Lower Upper

173 100

175 51.1 24.1 72.2

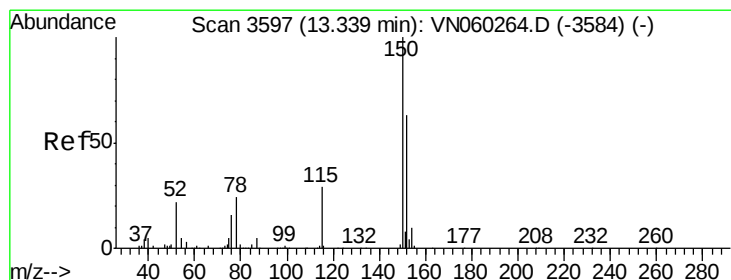
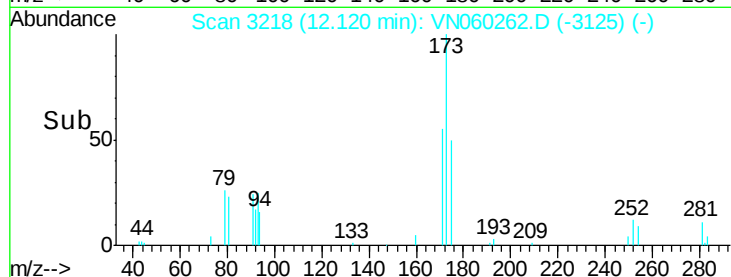
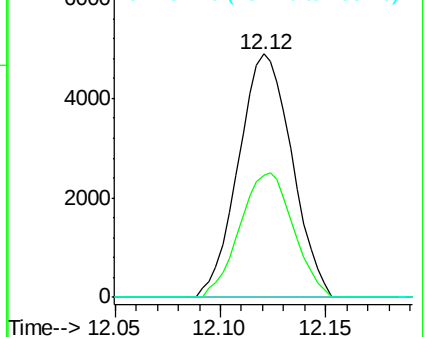
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

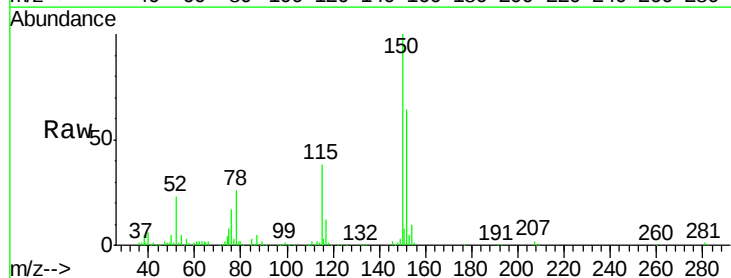
Tgt Ion:152 Resp: 149177

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

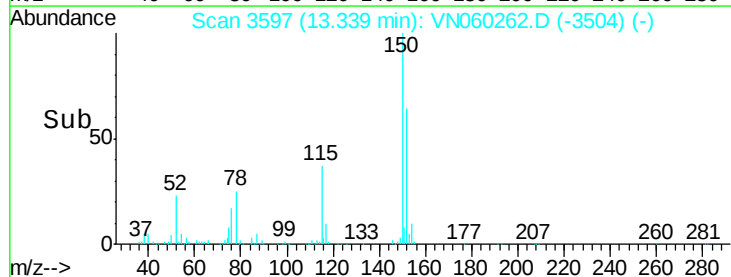
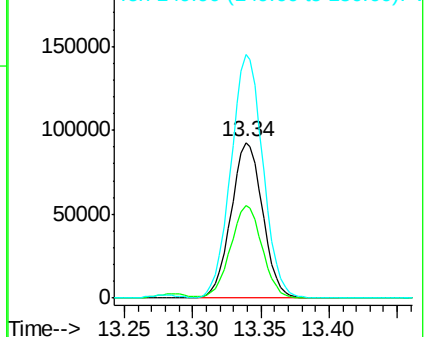
150 158.9 0.0 349.6

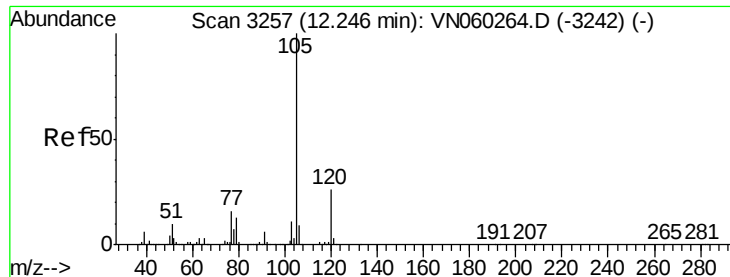


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.68 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

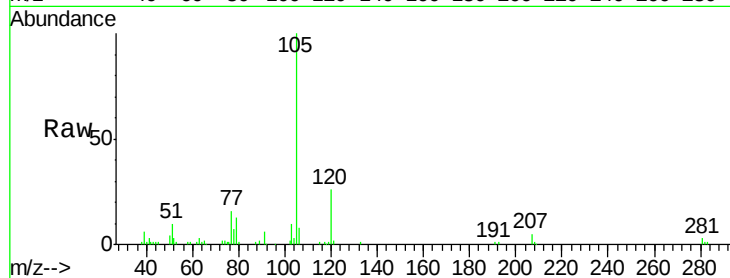
VSTDIC005

Tgt Ion: 105 Resp: 63421

Ion Ratio Lower Upper

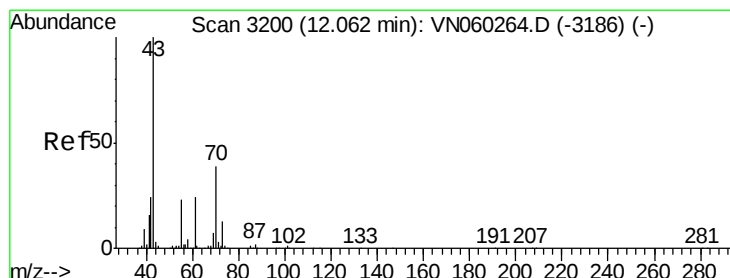
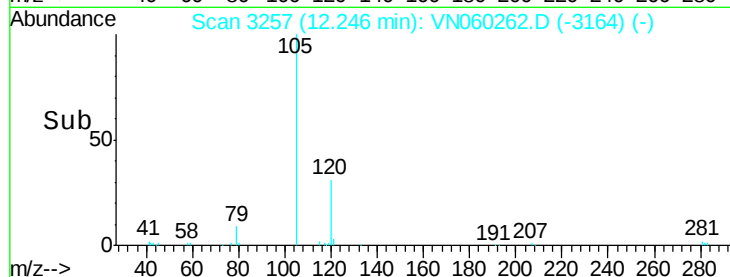
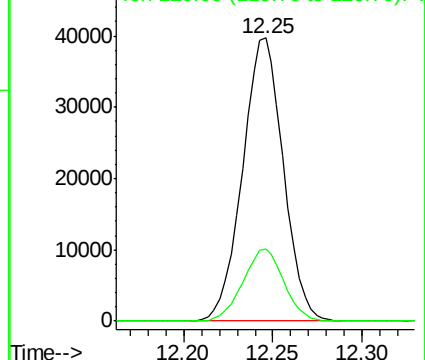
105 100

120 25.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 6.35 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Tgt Ion: 43 Resp: 26077

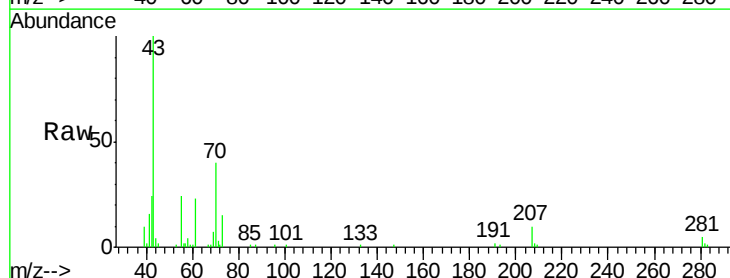
Ion Ratio Lower Upper

43 100

70 40.4 32.2 48.2

55 24.5 18.2 27.4

61 23.3 19.2 28.8

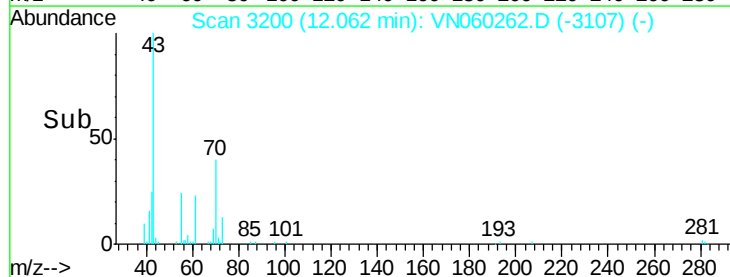
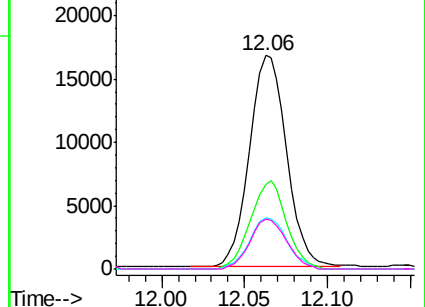


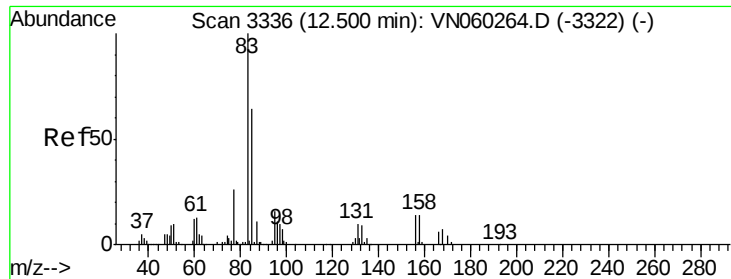
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.20 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

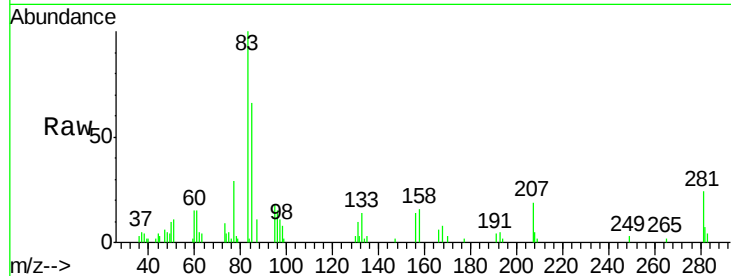
Tgt Ion: 83 Resp: 16502

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

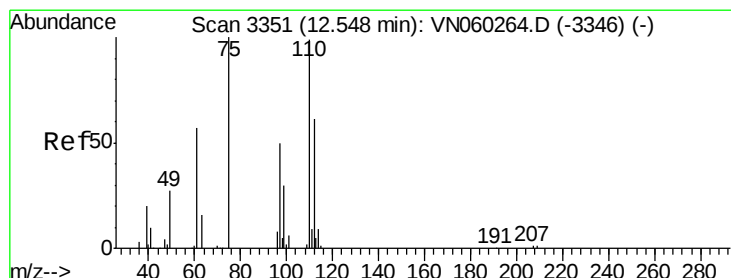
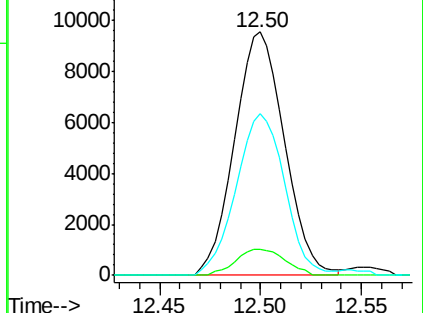
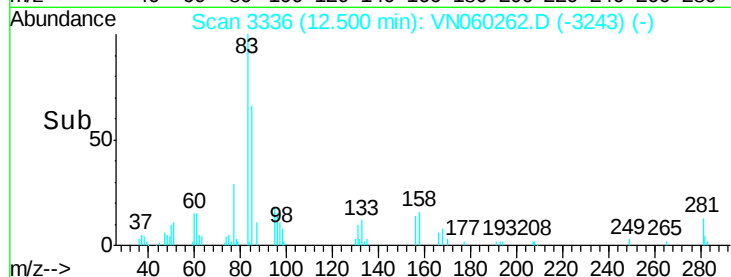
85 64.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 8.85 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060262.D

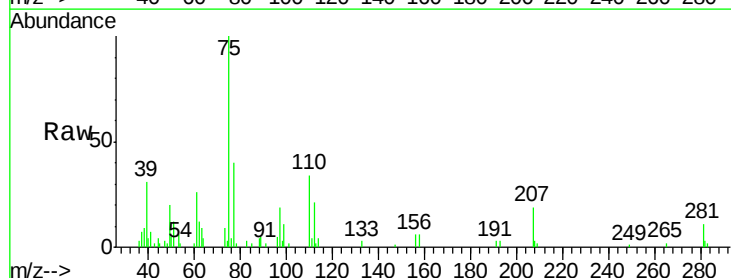
Acq: 27 Feb 2020 10:43

Tgt Ion: 75 Resp: 25407

Ion Ratio Lower Upper

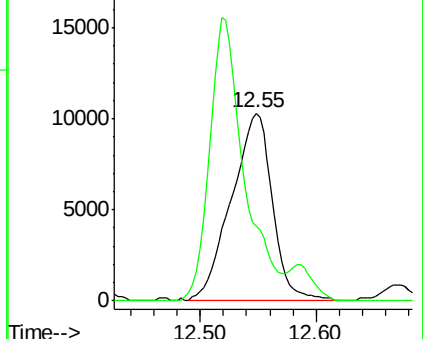
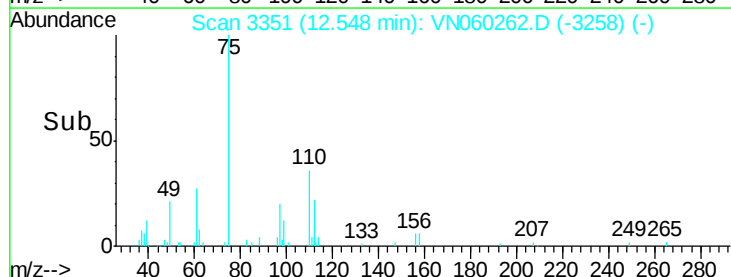
75 100

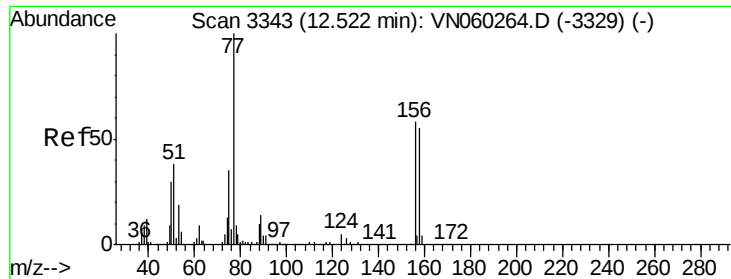
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.44 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

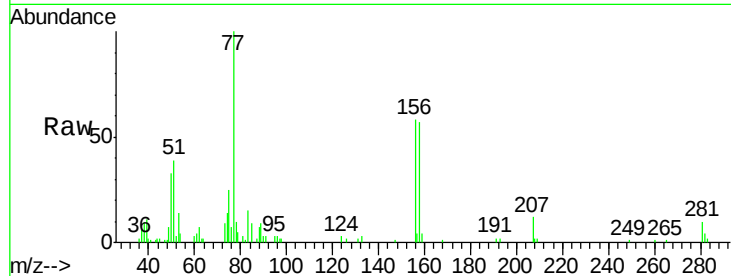
Tgt Ion:156 Resp: 14989

Ion Ratio Lower Upper

156 100

77 214.8 106.1 318.3

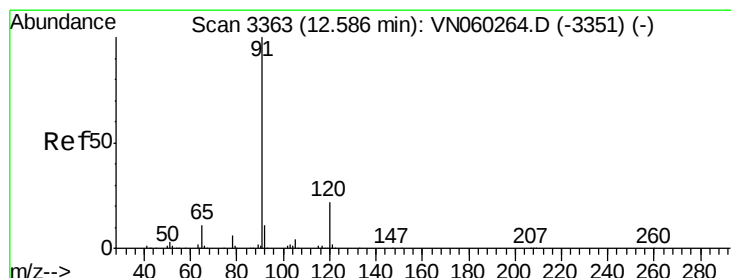
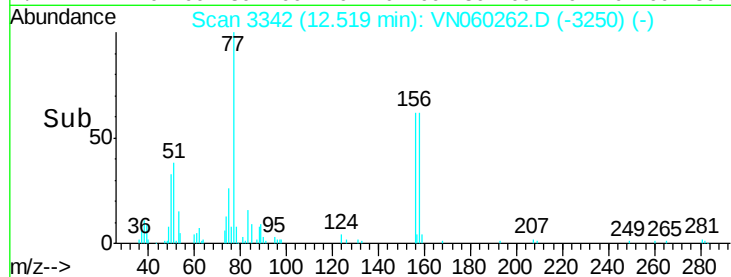
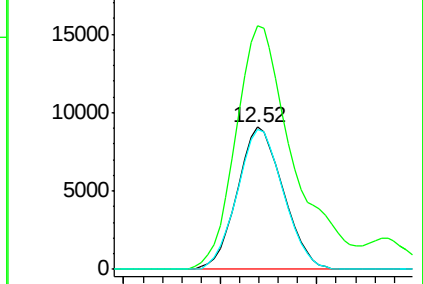
158 98.9 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.77 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060262.D

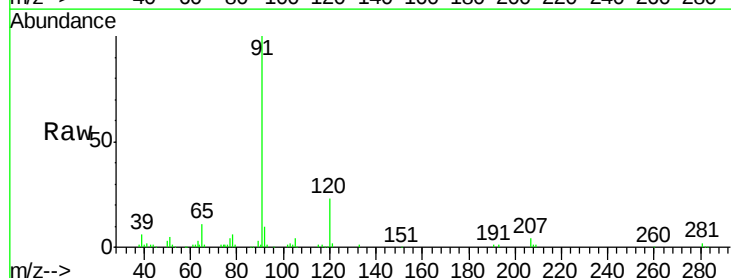
Acq: 27 Feb 2020 10:43

Tgt Ion: 91 Resp: 73582

Ion Ratio Lower Upper

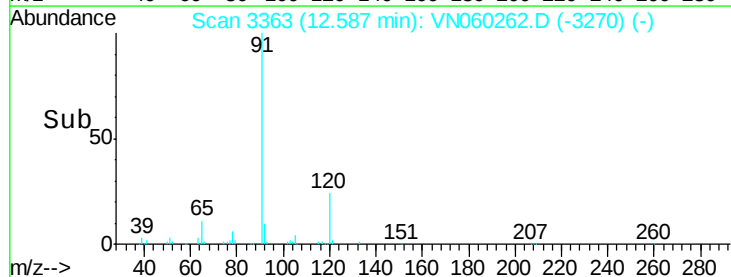
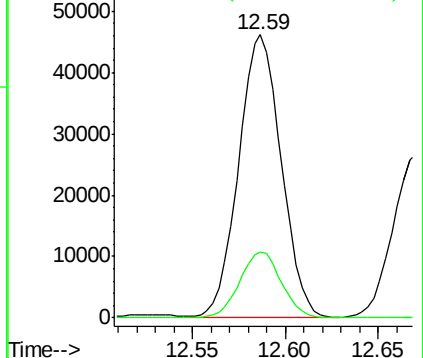
91 100

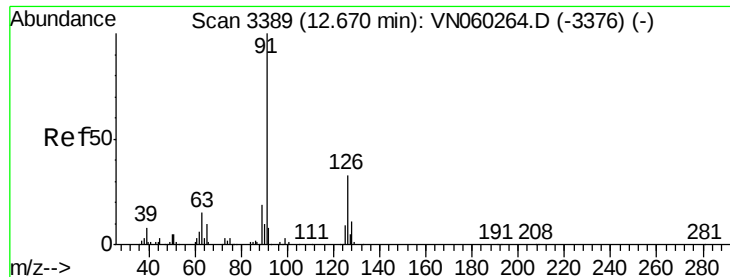
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.79 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

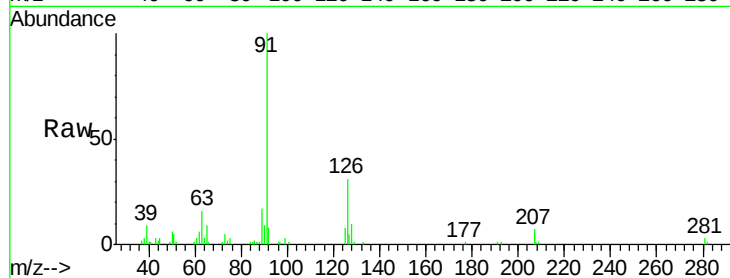
VSTDIC005

Tgt Ion: 91 Resp: 43459

Ion Ratio Lower Upper

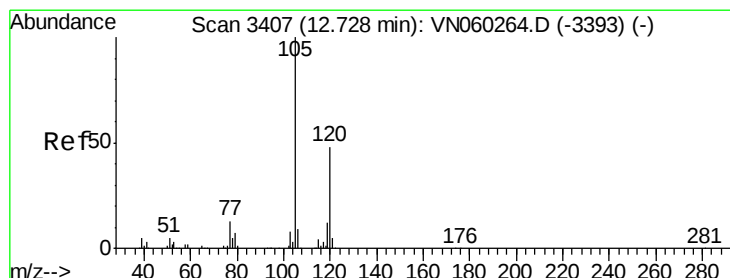
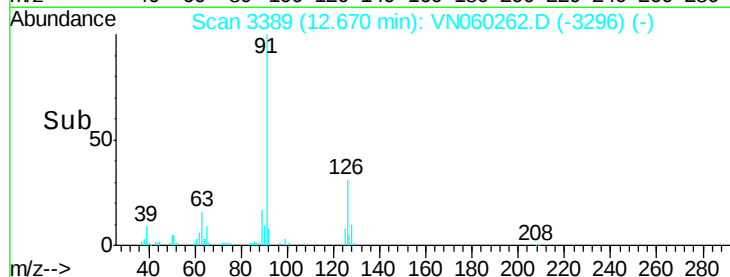
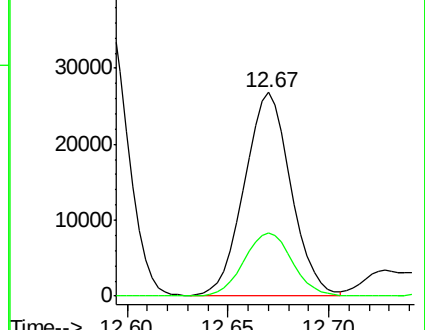
91 100

126 32.1 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN060262.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060262.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.61 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060262.D

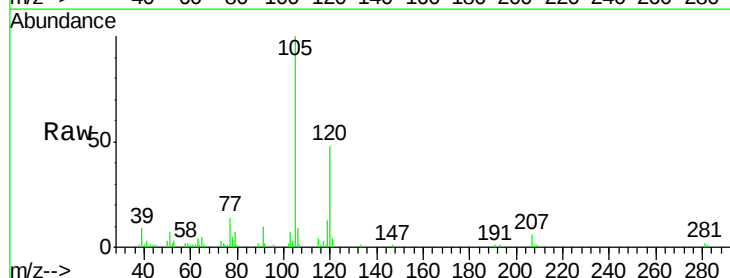
Acq: 27 Feb 2020 10:43

Tgt Ion: 105 Resp: 52104

Ion Ratio Lower Upper

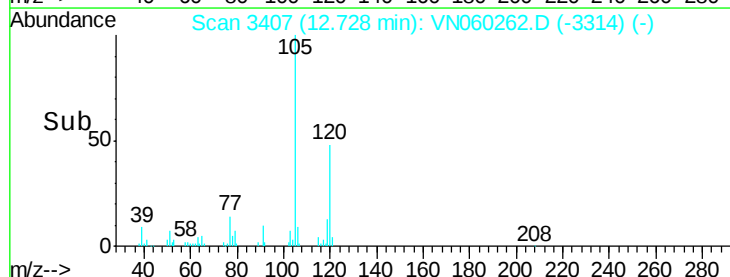
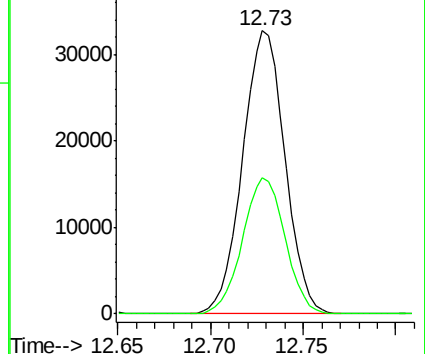
105 100

120 48.2 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060262.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060262.D (-3393) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 5.42 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

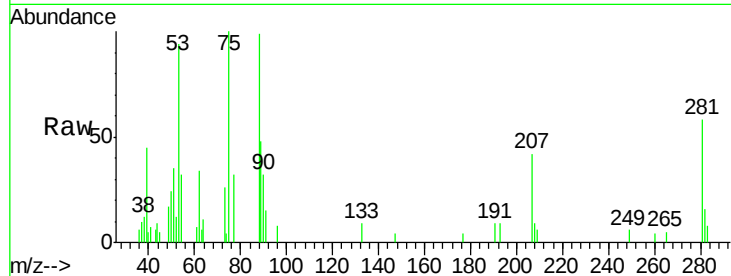
Tgt Ion: 75 Resp: 6355

Ion Ratio Lower Upper

75 100

53 98.1 73.8 110.6

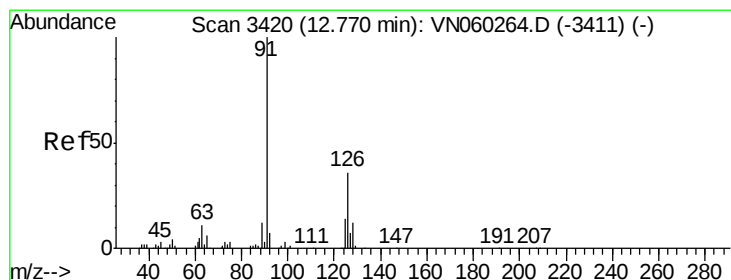
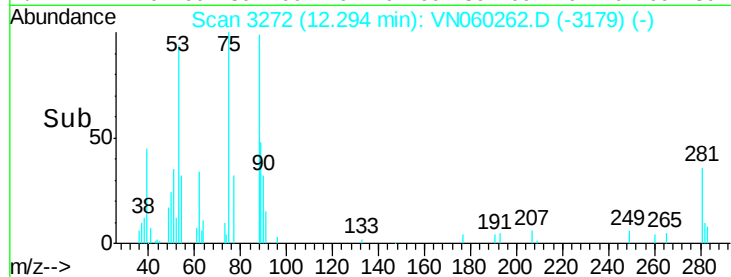
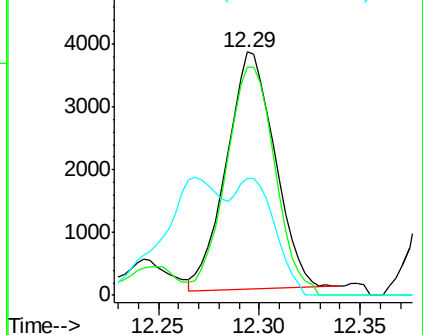
89 0.0 57.1 85.7#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 5.78 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060262.D

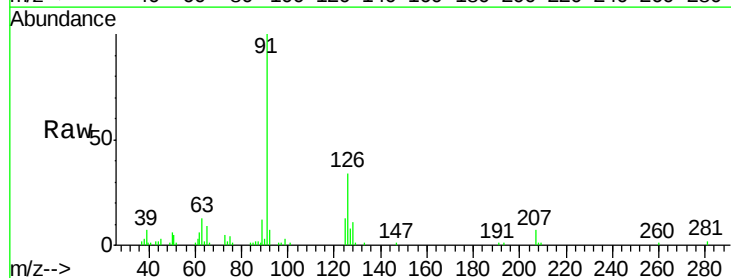
Acq: 27 Feb 2020 10:43

Tgt Ion: 91 Resp: 44452

Ion Ratio Lower Upper

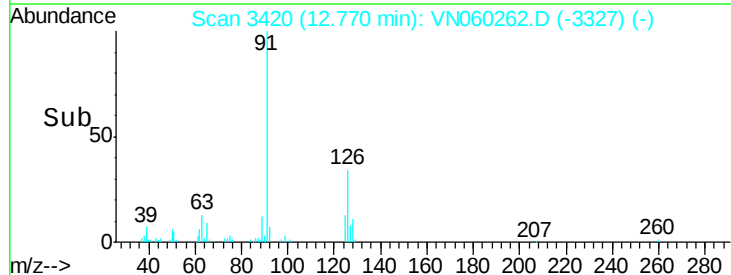
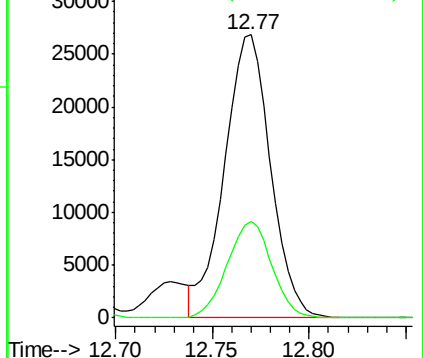
91 100

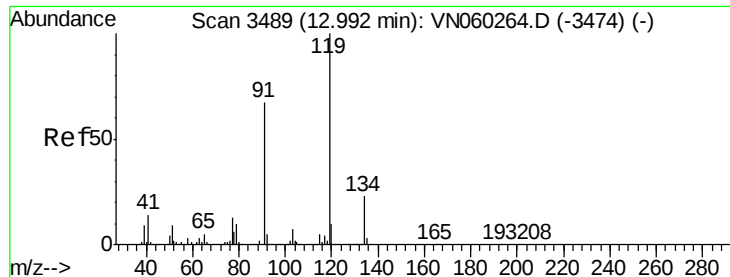
126 32.8 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

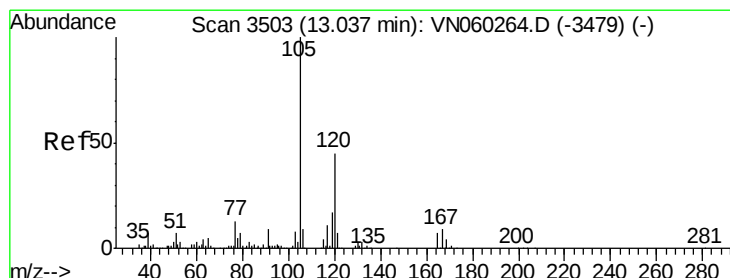
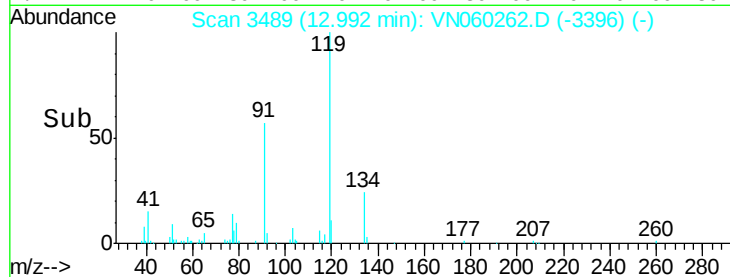
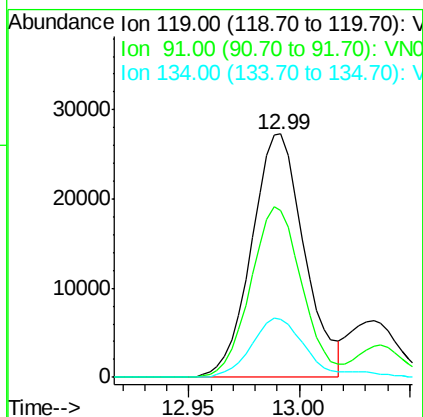
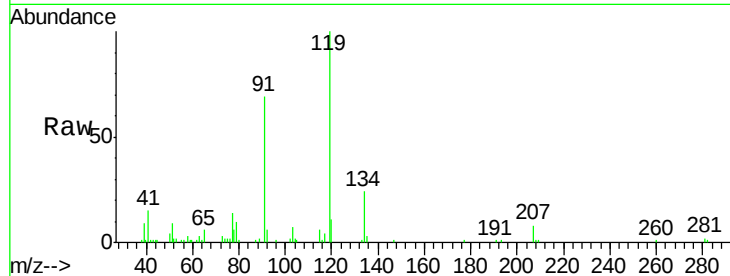




#83
 tert-Butylbenzene
 Concen: 5.52 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

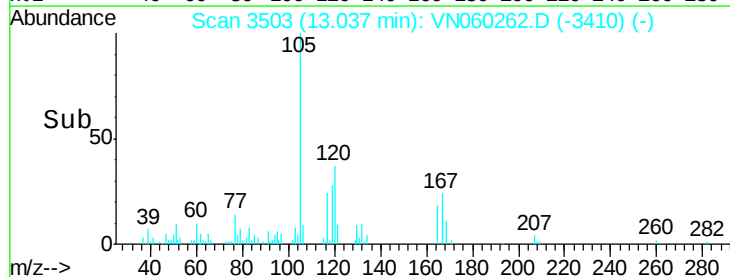
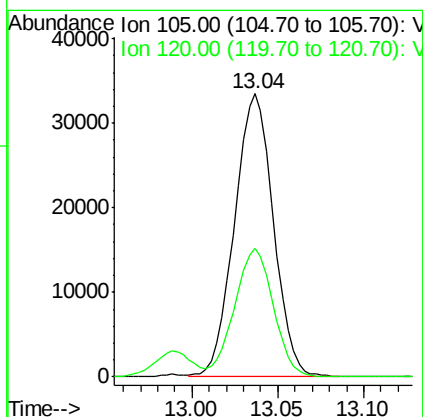
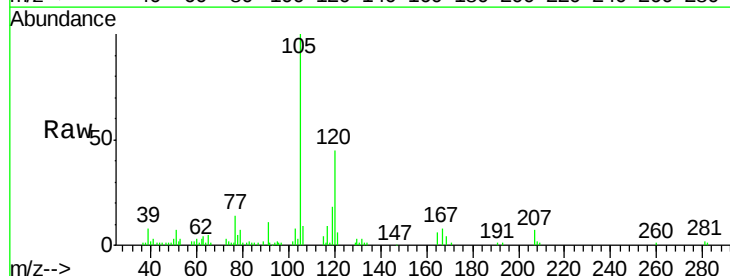
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

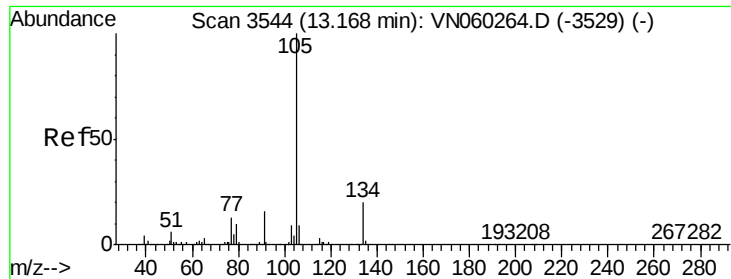
Tgt Ion:119 Resp: 45424
 Ion Ratio Lower Upper
 119 100
 91 68.0 33.1 99.2
 134 25.4 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.74 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion:105 Resp: 52668
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.9

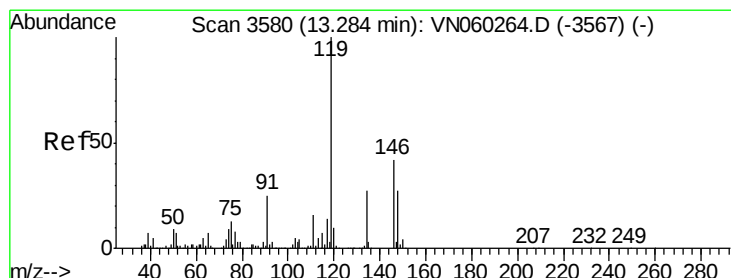
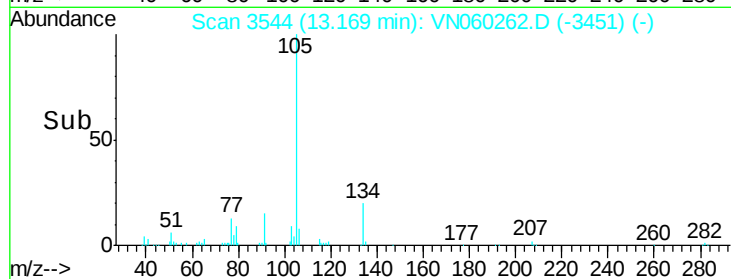
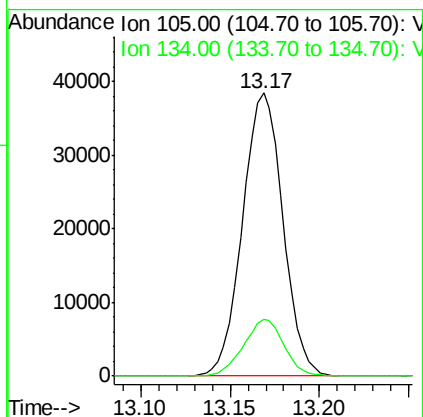
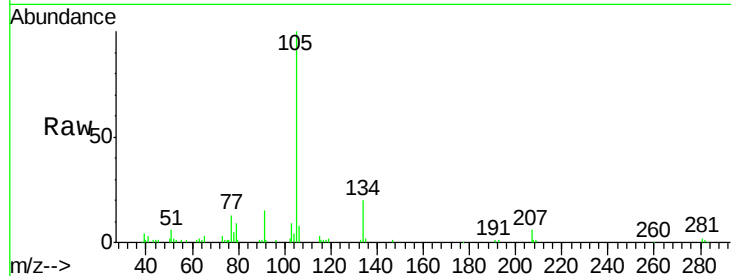




#85
 sec-Butylbenzene
 Concen: 5.59 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

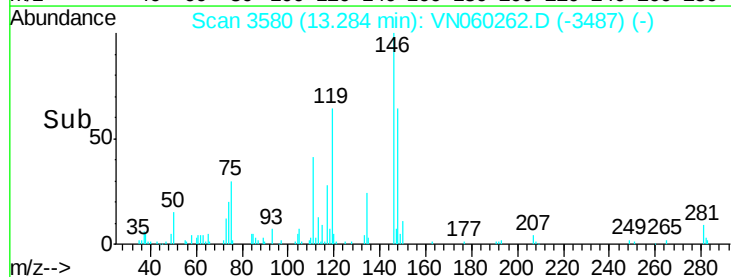
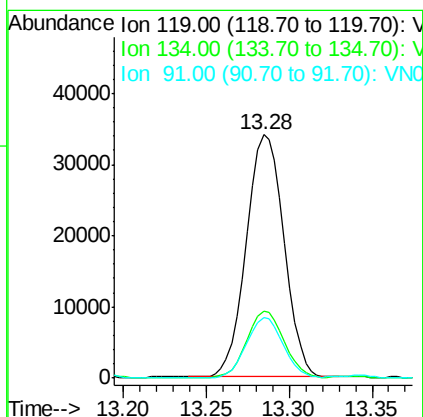
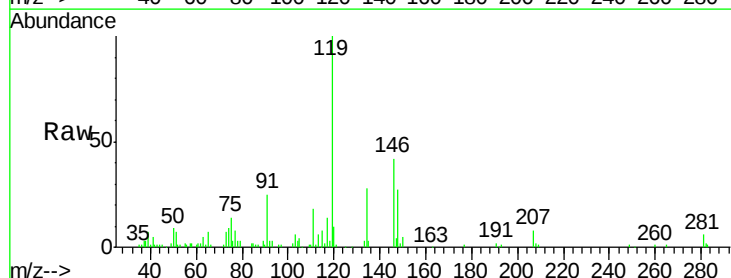
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

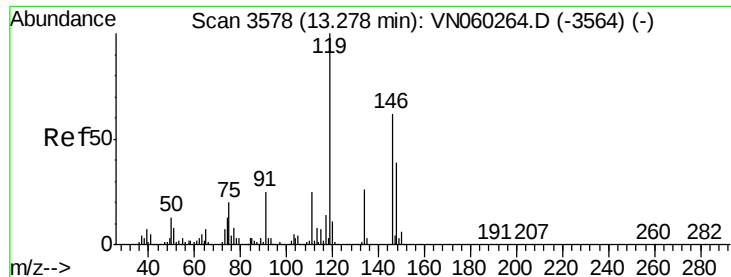
Tgt Ion:105 Resp: 60790
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.49 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion:119 Resp: 54041
 Ion Ratio Lower Upper
 119 100
 134 27.5 13.2 39.6
 91 24.5 12.2 36.6

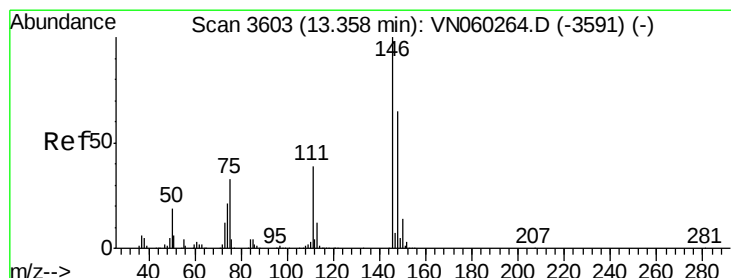
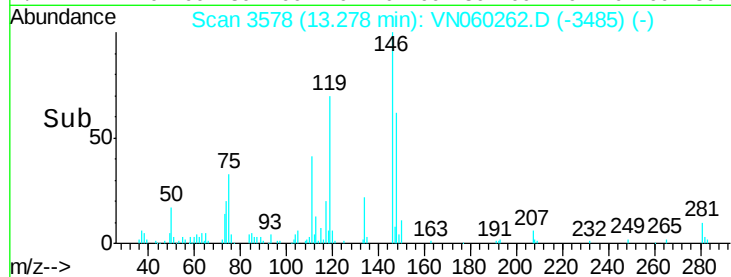
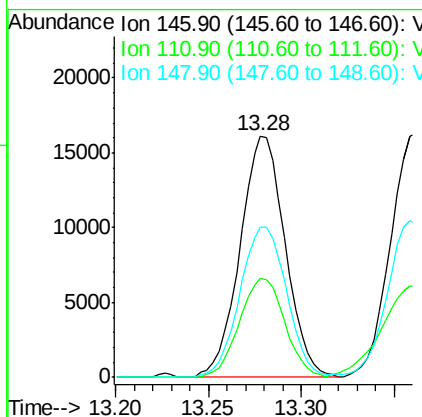
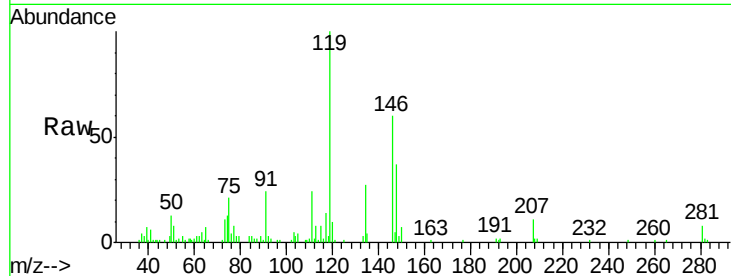




#87
 1,3-Dichlorobenzene
 Concen: 5.59 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

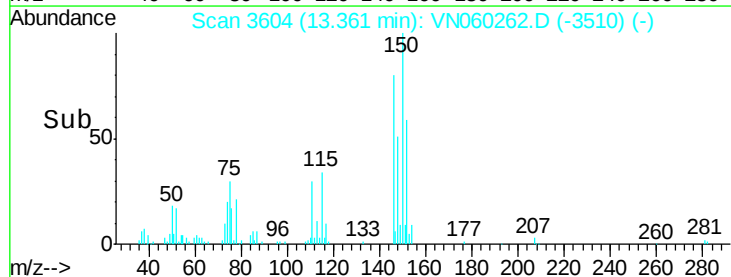
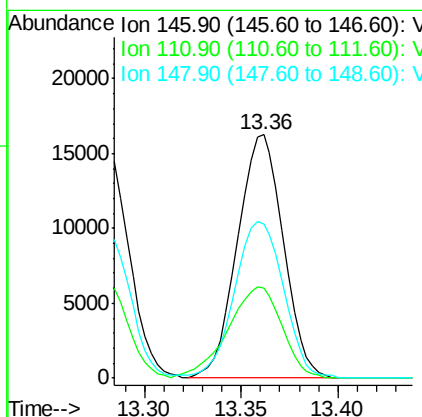
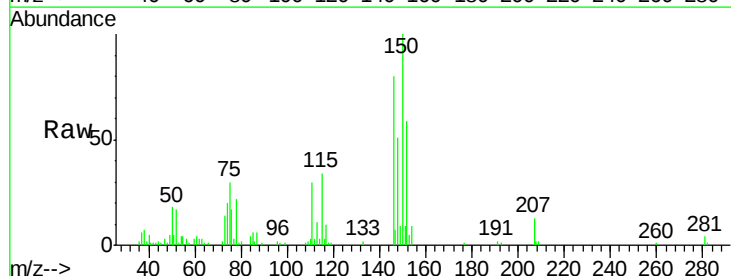
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

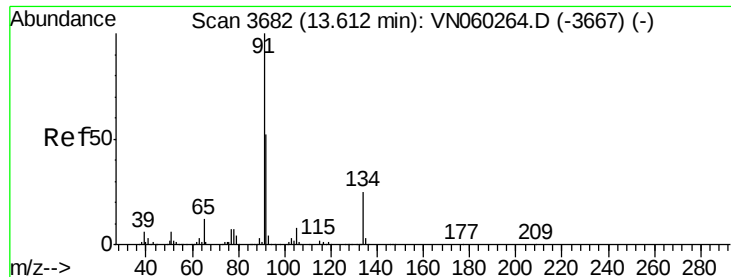
Tgt Ion:146 Resp: 27328
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 59.9
 148 64.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 5.51 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion:146 Resp: 26928
 Ion Ratio Lower Upper
 146 100
 111 44.1 19.8 59.4
 148 68.8 32.3 96.9

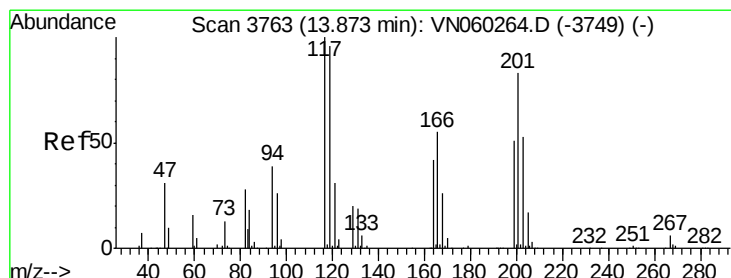
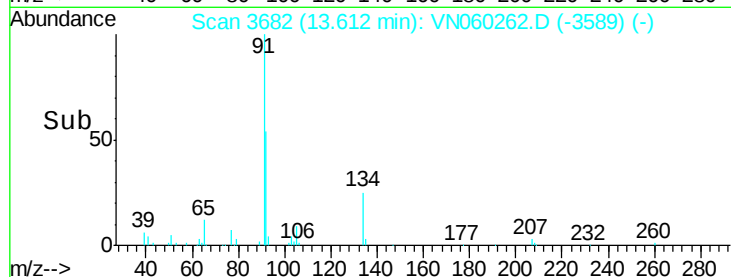
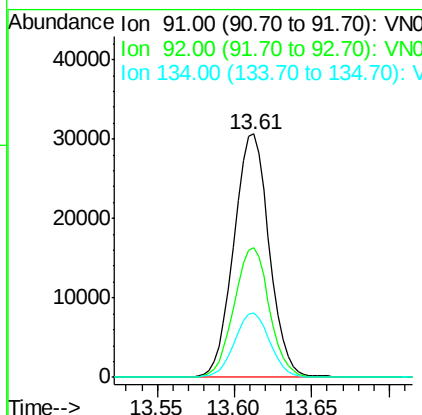
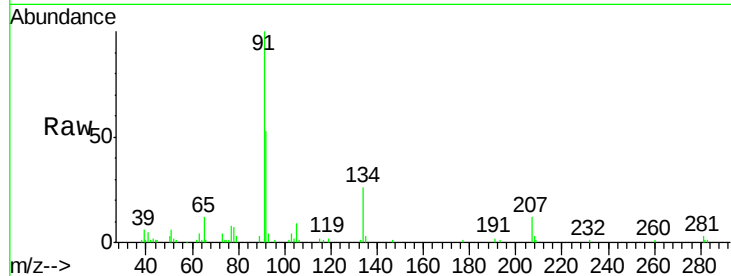




#89
n-Butylbenzene
Concen: 5.59 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

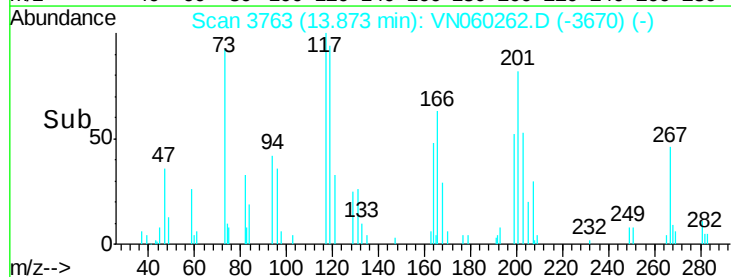
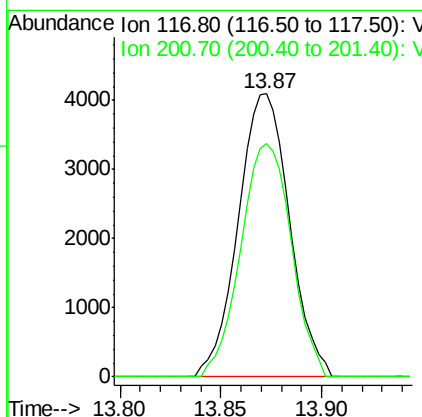
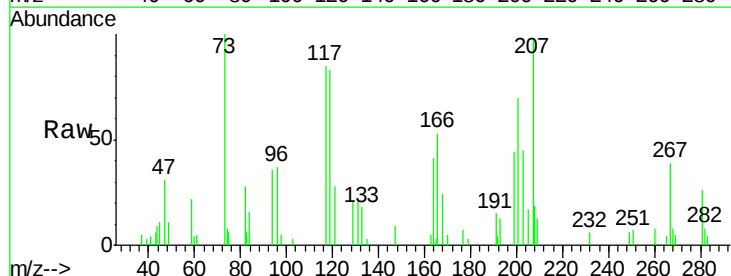
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

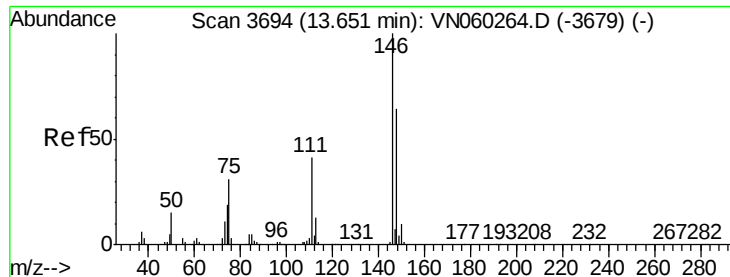
Tgt Ion: 91 Resp: 48660
Ion Ratio Lower Upper
91 100
92 53.1 26.0 78.0
134 26.2 12.7 38.1



#90
Hexachloroethane
Concen: 4.09 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060262.D
Acq: 27 Feb 2020 10:43

Tgt Ion: 117 Resp: 7287
Ion Ratio Lower Upper
117 100
201 81.1 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 5.40 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

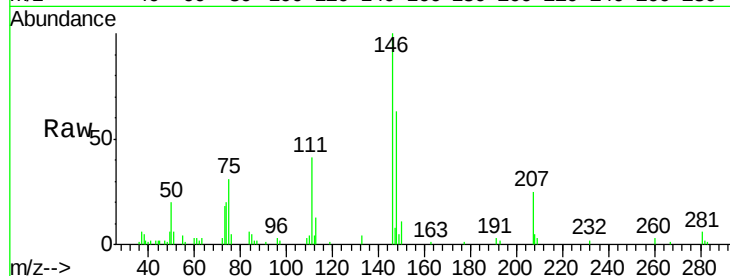
Tgt Ion:146 Resp: 25830

Ion Ratio Lower Upper

146 100

111 41.0 20.3 61.0

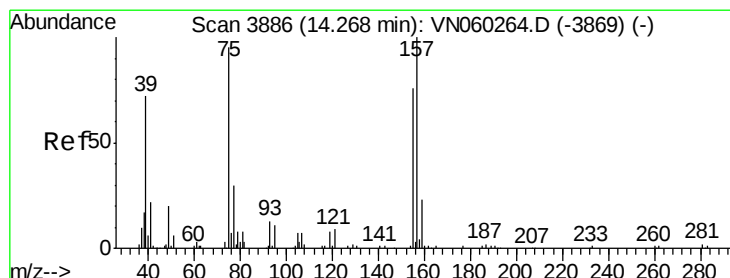
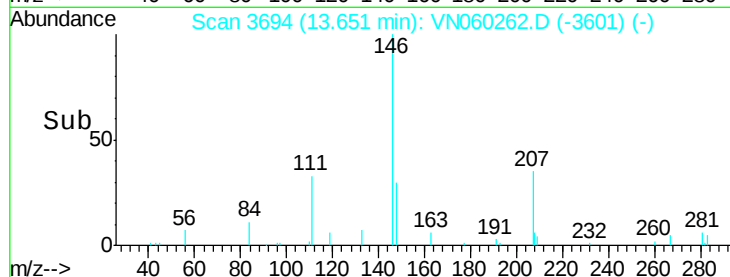
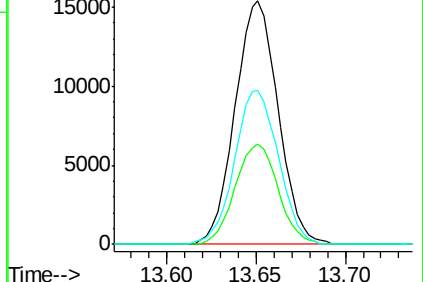
148 64.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.74 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

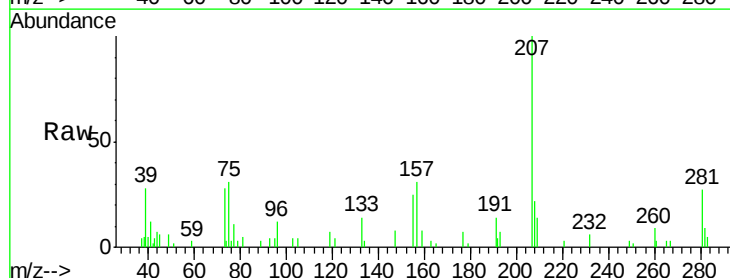
Tgt Ion: 75 Resp: 3498

Ion Ratio Lower Upper

75 100

155 80.9 40.4 121.2

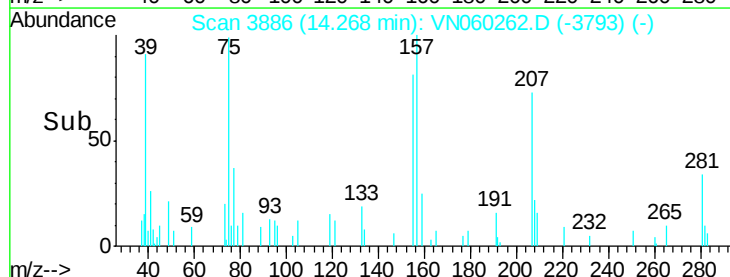
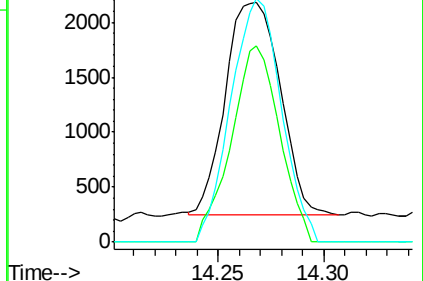
157 105.1 52.5 157.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

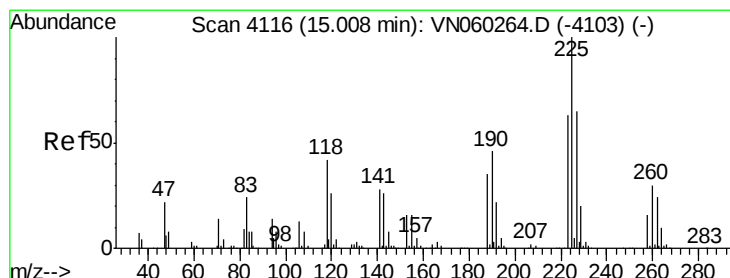
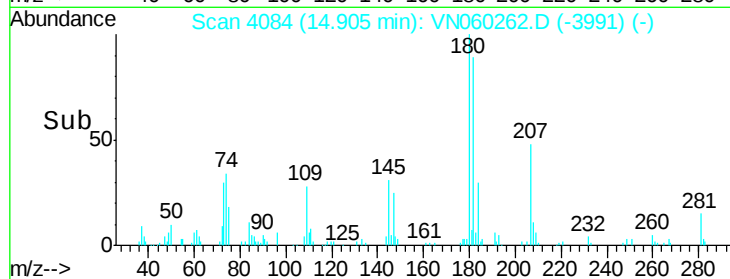
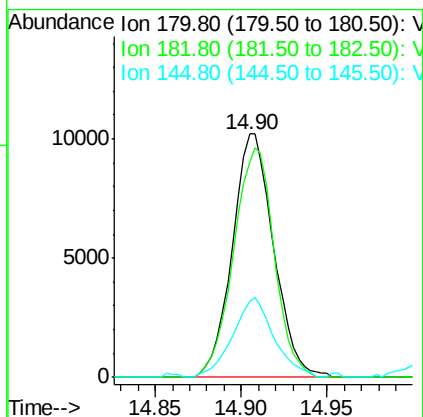
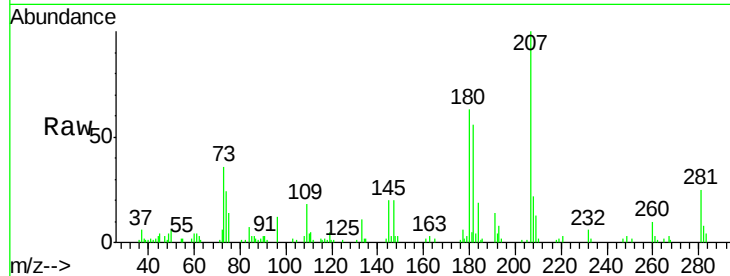




#93
 1,2,4-Trichlorobenzene
 Concen: 6.04 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

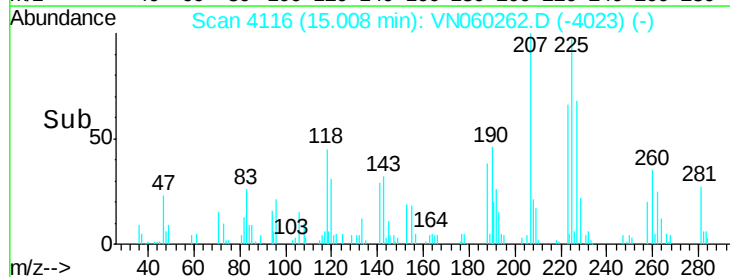
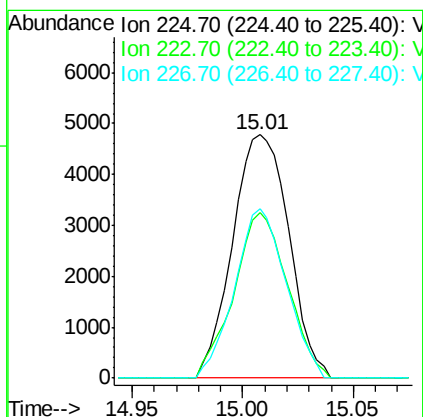
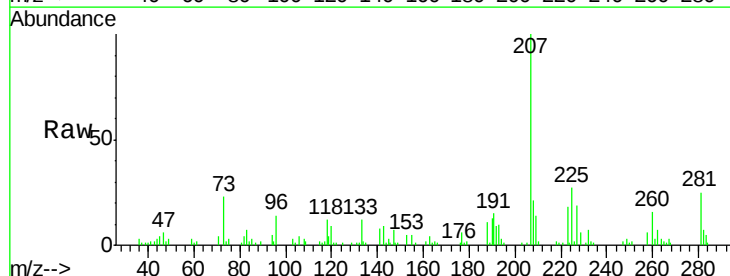
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tgt Ion:180 Resp: 17116
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.8 143.3
 145 32.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 5.20 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060262.D
 Acq: 27 Feb 2020 10:43

Tgt Ion:225 Resp: 8436
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.3 93.9
 227 63.9 32.3 96.9





#95

Naphthalene

Concen: 6.53 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

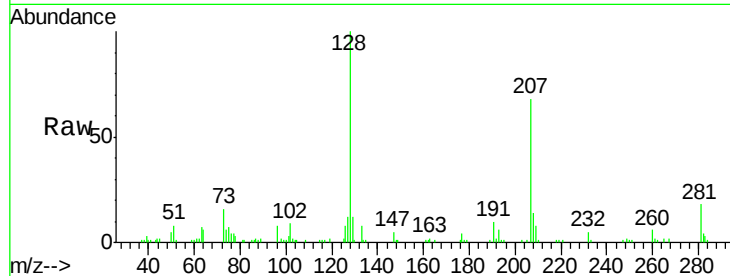
Tgt Ion:128 Resp: 50660

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

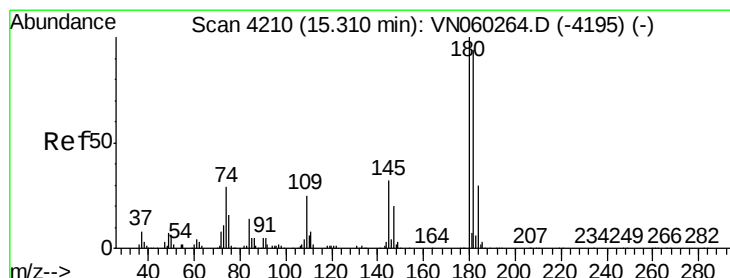
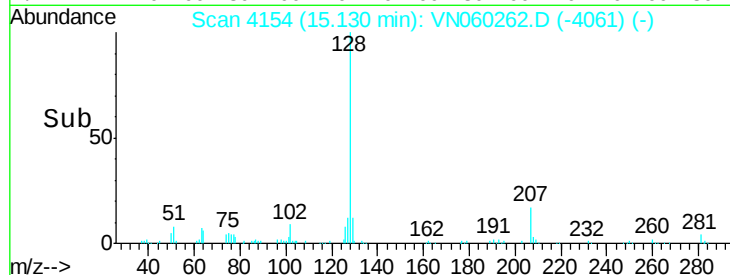
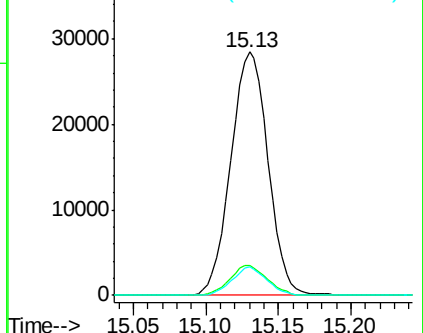
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 5.81 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060262.D

Acq: 27 Feb 2020 10:43

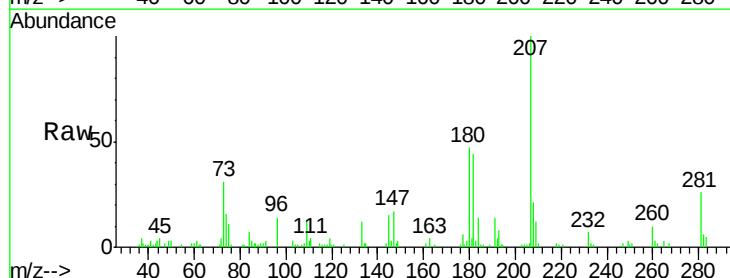
Tgt Ion:180 Resp: 16335

Ion Ratio Lower Upper

180 100

182 93.4 47.3 142.0

145 33.6 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

