

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061004.D
 Acq On : 16 Apr 2020 11:33
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 12:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	162961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	273374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	245066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	107183	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	11849	5.43	ug/l	0.00
Spiked Amount			Recovery	=	10.86%	
35) Dibromofluoromethane	7.56	113	8489	5.22	ug/l	0.00
Spiked Amount			Recovery	=	10.44%	
50) Toluene-d8	10.08	98	35560	5.46	ug/l	0.00
Spiked Amount			Recovery	=	10.92%	
62) 4-Bromofluorobenzene	12.39	95	13036	5.37	ug/l	0.00
Spiked Amount			Recovery	=	10.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	8034	4.806	ug/l	97
3) Chloromethane	2.04	50	14593	4.945	ug/l	97
4) Vinyl Chloride	2.17	62	12398	5.332	ug/l	99
5) Bromomethane	2.54	94	6152	5.935	ug/l	99
6) Chloroethane	2.68	64	7041	5.256	ug/l	99
7) Trichlorofluoromethane	3.00	101	15496	5.392	ug/l	97
8) Diethyl Ether	3.38	74	6531	5.682	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	9558	5.772	ug/l	99
10) Methyl Iodide	3.93	142	7216	4.846	ug/l	98
11) Tert butyl alcohol	4.72	59	9554	28.346	ug/l #	82
12) 1,1-Dichloroethene	3.71	96	9572	5.411	ug/l	96
13) Acrolein	3.57	56	8586	24.460	ug/l	96
14) Allyl chloride	4.29	41	18851	5.988	ug/l	95
15) Acrylonitrile	4.94	53	26808	27.444	ug/l	98
16) Acetone	3.78	43	23690	28.792	ug/l	99
17) Carbon Disulfide	4.03	76	29744	5.513	ug/l	100
18) Methyl Acetate	4.29	43	14605	6.221	ug/l	95
19) Methyl tert-butyl Ether	5.00	73	34119	5.591	ug/l	98
20) Methylene Chloride	4.52	84	10802	5.519	ug/l	96
21) trans-1,2-Dichloroethene	5.00	96	10483	5.561	ug/l	93
22) Diisopropyl ether	5.91	45	37630	5.686	ug/l #	92
23) Vinyl Acetate	5.86	43	148832	27.717	ug/l	99
24) 1,1-Dichloroethane	5.81	63	20527	5.692	ug/l	99
25) 2-Butanone	6.80	43	36324	27.762	ug/l	100
26) 2,2-Dichloropropane	6.79	77	16759	5.815	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	11926	5.552	ug/l	98
28) Bromochloromethane	7.17	49	9333	5.437	ug/l #	100
29) Tetrahydrofuran	7.18	42	25721	28.026	ug/l	98
30) Chloroform	7.34	83	19424	5.634	ug/l	98
31) Cyclohexane	7.63	56	23011	6.299	ug/l #	81
32) 1,1,1-Trichloroethane	7.54	97	16651	5.624	ug/l	100
36) 1,1-Dichloropropene	7.77	75	14788	5.543	ug/l	99
37) Ethyl Acetate	6.89	43	17631	6.085	ug/l #	93
38) Carbon Tetrachloride	7.75	117	12031	5.063	ug/l	96

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 Data File : VN061004.D
 Acq On : 16 Apr 2020 11:33
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 12:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	18145	5.700	ug/l	98
40) Benzene	8.02	78	45823	5.696	ug/l	99
41) Methacrylonitrile	7.13	41	5574	4.503	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	15365	5.582	ug/l	97
43) Isopropyl Acetate	8.14	43	26562	5.574	ug/l	98
44) Trichloroethene	8.81	130	11682	5.788	ug/l	99
45) 1,2-Dichloropropane	9.10	63	12189	5.731	ug/l	96
46) Dibromomethane	9.19	93	7337	5.734	ug/l	98
47) Bromodichloromethane	9.38	83	14862	5.569	ug/l	98
48) Methyl methacrylate	9.18	41	11044	5.194	ug/l	98
49) 1,4-Dioxane	9.18	88	2968	115.914	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	75793	27.902	ug/l	100
52) Toluene	10.14	92	26804	5.522	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	16579	5.405	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	18943	5.616	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	10490	5.618	ug/l	98
56) Ethyl methacrylate	10.42	69	14649	5.026	ug/l	96
57) 1,3-Dichloropropane	10.70	76	18157	5.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	35313	25.397	ug/l	99
59) 2-Hexanone	10.74	43	53637	27.421	ug/l	98
60) Dibromochloromethane	10.89	129	10162	5.287	ug/l	100
61) 1,2-Dibromoethane	10.99	107	10161	5.430	ug/l	98
64) Tetrachloroethene	10.62	164	10654	5.553	ug/l	96
65) Chlorobenzene	11.42	112	27232	5.573	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	9656	5.466	ug/l	98
67) Ethyl Benzene	11.50	91	51122	5.625	ug/l	99
68) m/p-Xylenes	11.61	106	36811	10.944	ug/l	99
69) o-Xylene	11.94	106	17907	5.578	ug/l	99
70) Styrene	11.96	104	26892	5.117	ug/l	100
71) Bromoform	12.12	173	6708	5.095	ug/l #	99
73) Isopropylbenzene	12.24	105	48019	5.936	ug/l	99
74) N-amyl acetate	12.06	43	20867	5.559	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	14366	5.842	ug/l	98
76) 1,2,3-Trichloropropane	12.54	75	19770	8.517	ug/l #	100
77) Bromobenzene	12.52	156	10989	5.659	ug/l	98
78) n-propylbenzene	12.58	91	55751	5.814	ug/l	98
79) 2-Chlorotoluene	12.67	91	32983	5.780	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	39154	5.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	4819	5.304	ug/l	96
82) 4-Chlorotoluene	12.77	91	33416	5.736	ug/l	99
83) tert-Butylbenzene	12.99	119	33387	5.861	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	38344	5.646	ug/l	98
85) sec-Butylbenzene	13.17	105	44415	5.784	ug/l	99
86) p-Isopropyltoluene	13.28	119	39163	5.677	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	19508	5.675	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	19599	5.683	ug/l	97
89) n-Butylbenzene	13.61	91	36154	5.776	ug/l	98
90) Hexachloroethane	13.87	117	6119	6.084	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	18481	5.639	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	2732	4.958	ug/l	94

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Acq On : 16 Apr 2020 11:33
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Apr 16 12:50:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 16 12:43:37 2020
Response via : Initial Calibration

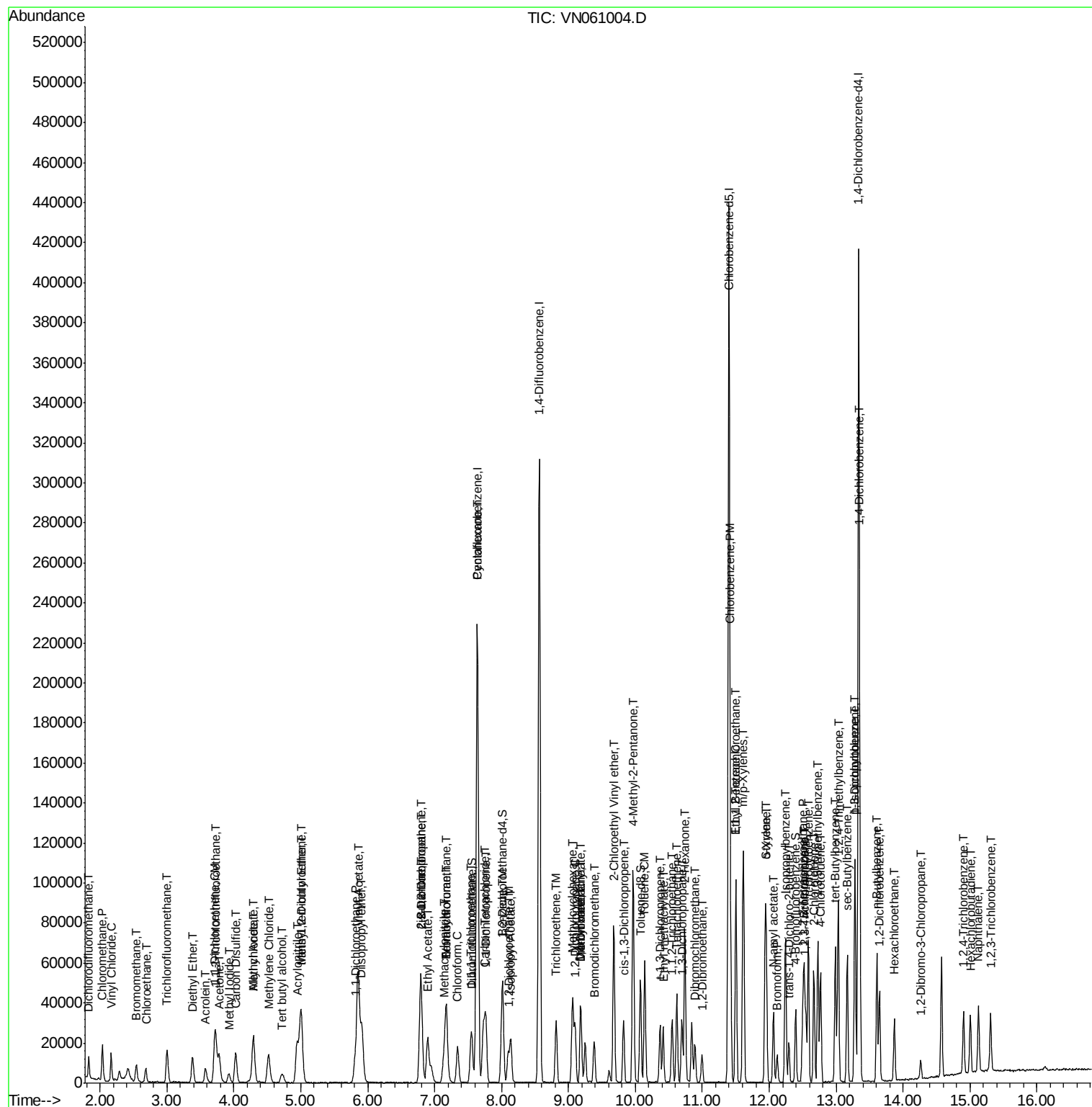
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	9797	4.871	ug/l	98
94) Hexachlorobutadiene	15.00	225	5890	5.924	ug/l	99
95) Naphthalene	15.13	128	28338	4.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	10018	5.055	ug/l	98

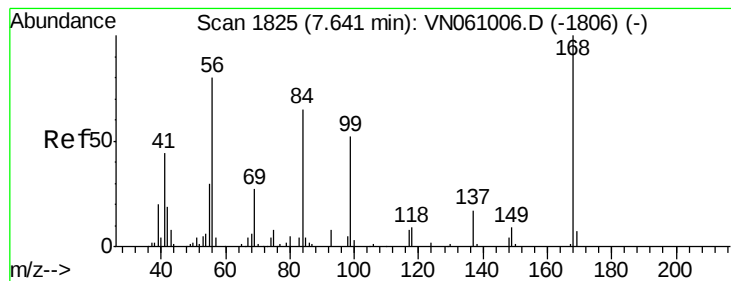
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041620\
Data File : VN061004.D
Acq On : 16 Apr 2020 11:33
Operator : JC/MD
Sample : VSTDIC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Quant Time: Apr 16 12:50:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 16 12:43:37 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

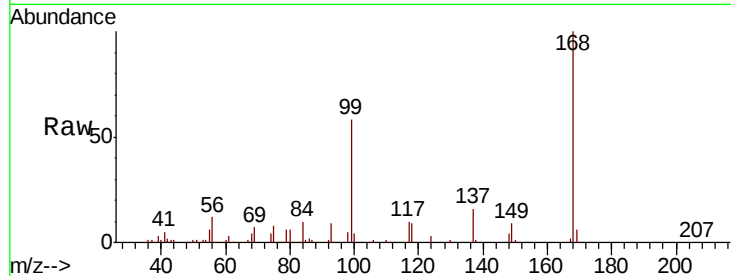
VSTDIC005

Tot Ion:168 Resp: 162961

Ion Ratio Lower Upper

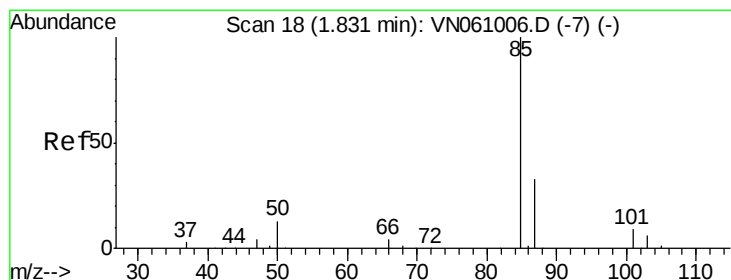
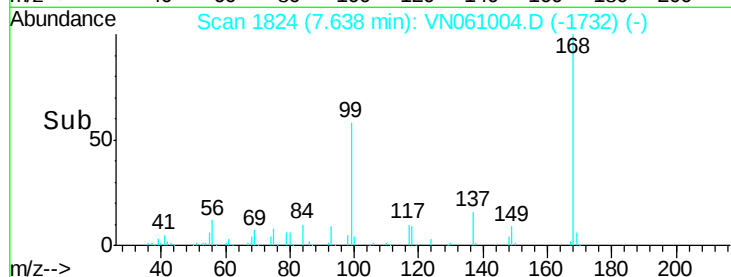
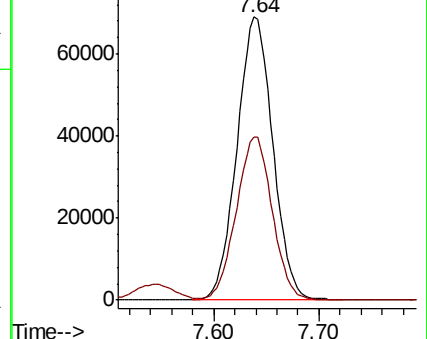
168 100

99 57.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 4.806 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061004.D

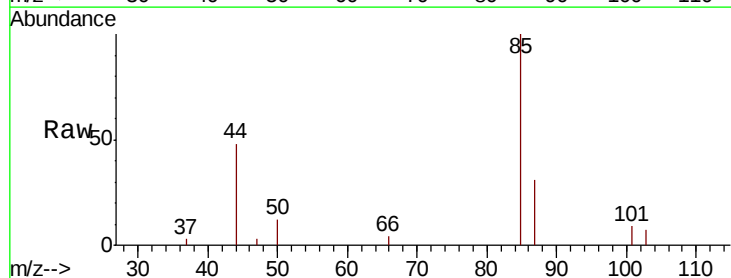
Acq: 16 Apr 2020 11:33

Tgt Ion: 85 Resp: 8034

Ion Ratio Lower Upper

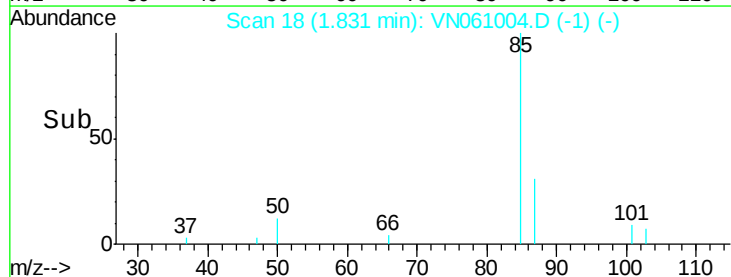
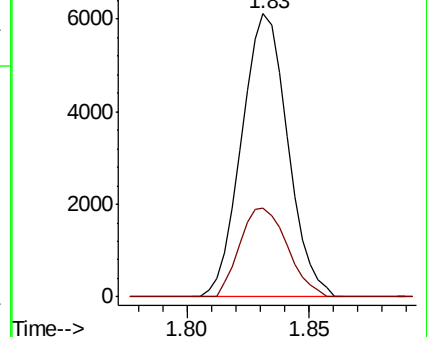
85 100

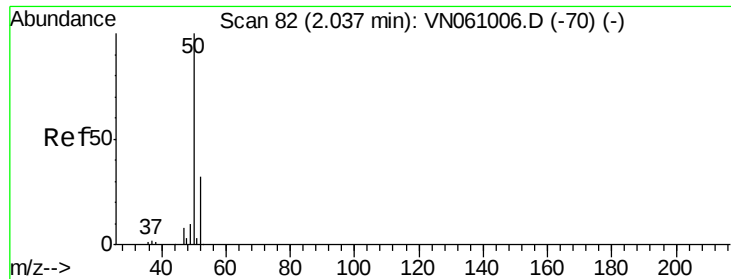
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

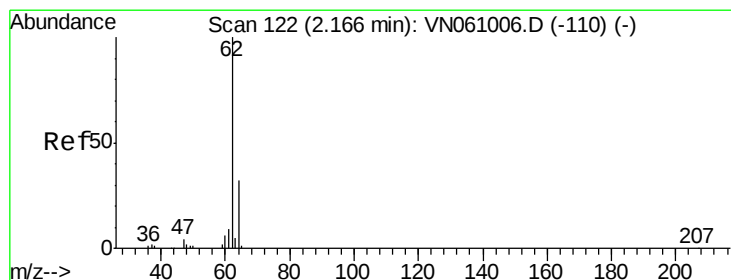
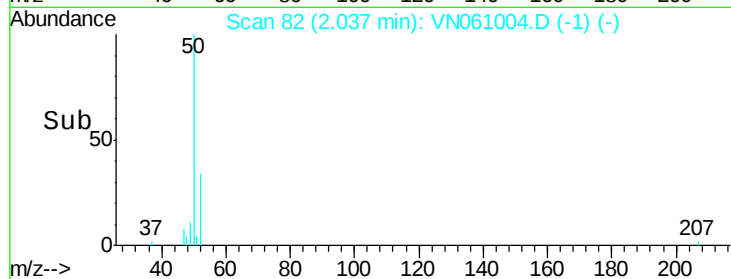
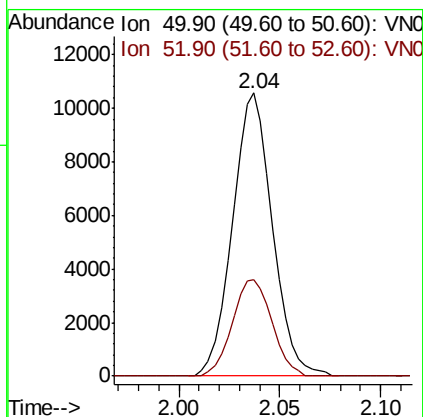
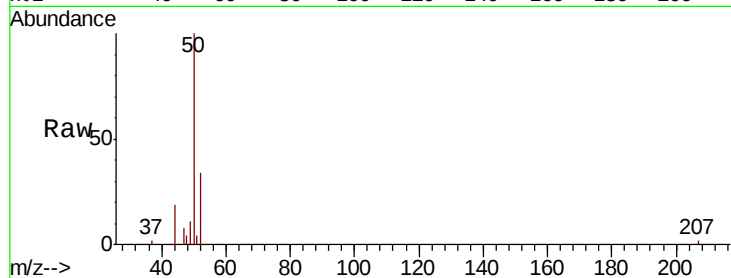




#3
Chloromethane
Concen: 4.945 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

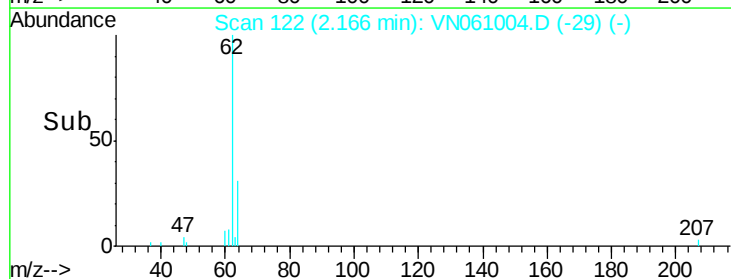
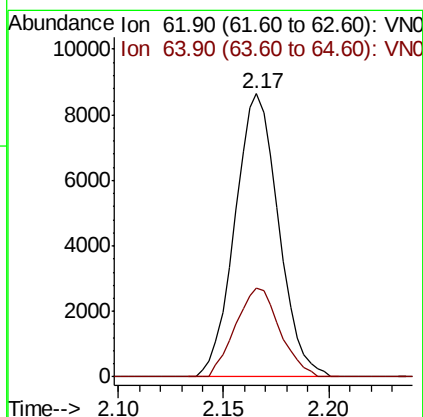
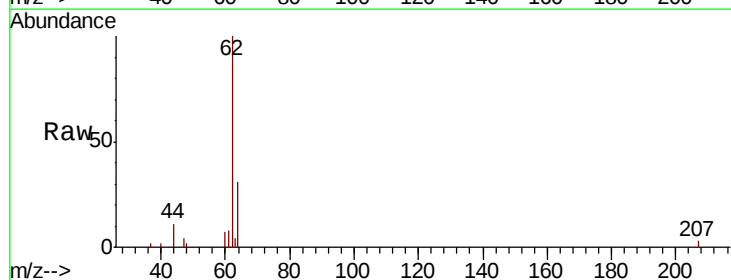
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

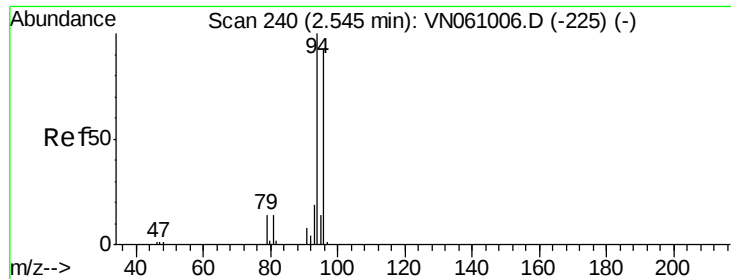
Tot Ion: 50 Resp: 14593
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 5.332 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 62 Resp: 12398
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5

Bromomethane

Concen: 5.935 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

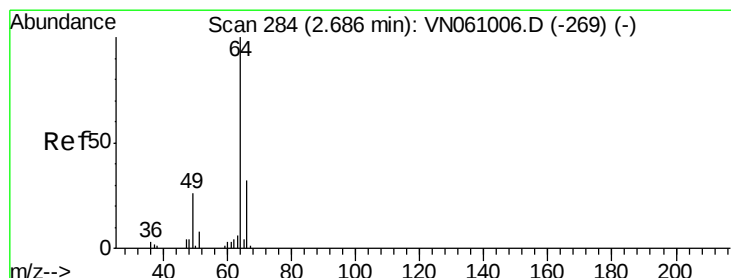
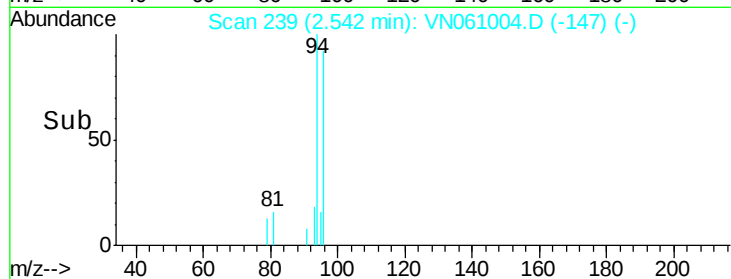
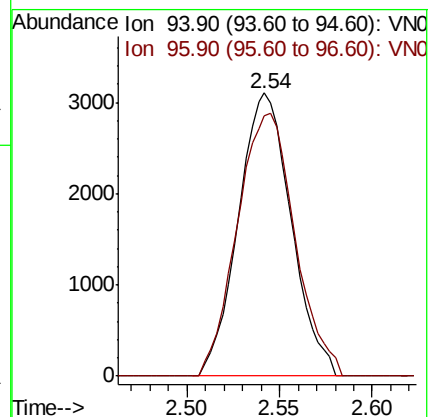
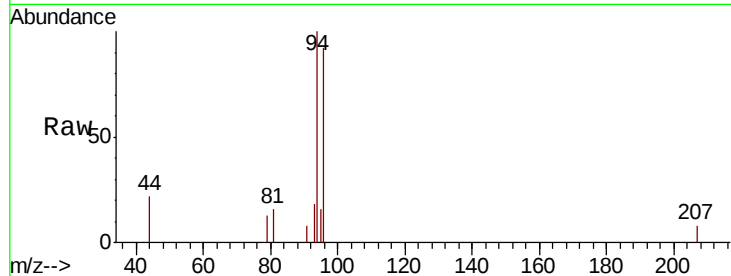
VSTDIC005

Tot Ion: 94 Resp: 6152

Ion Ratio Lower Upper

94 100

96 92.1 74.3 111.5



#6

Chloroethane

Concen: 5.256 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061004.D

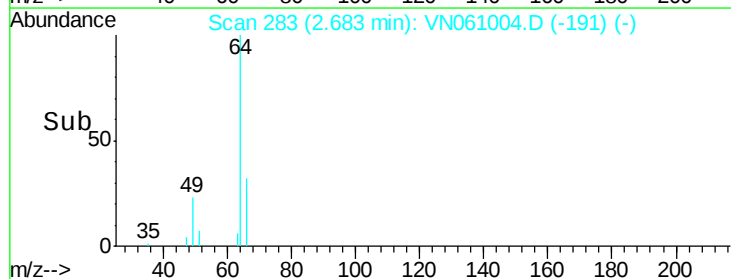
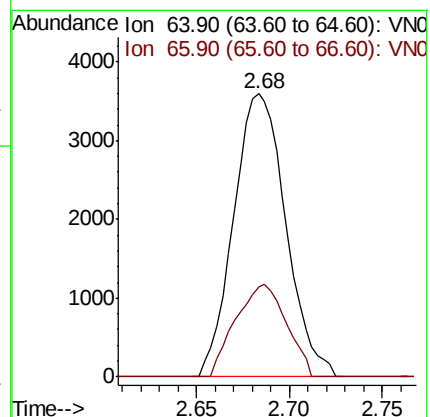
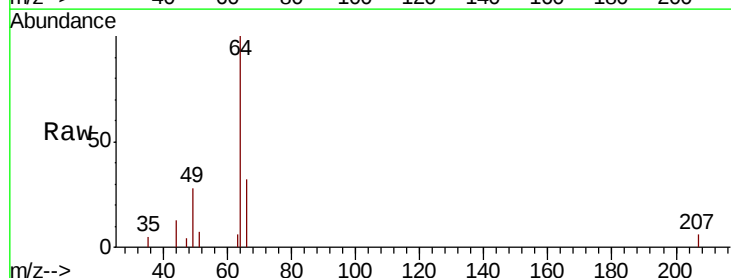
Acq: 16 Apr 2020 11:33

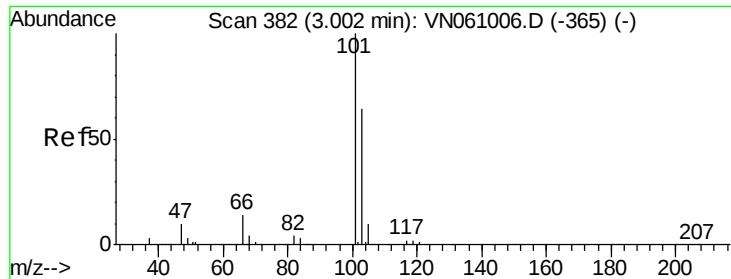
Tgt Ion: 64 Resp: 7041

Ion Ratio Lower Upper

64 100

66 32.0 25.8 38.8





#7

Trichlorofluoromethane

Concen: 5.392 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

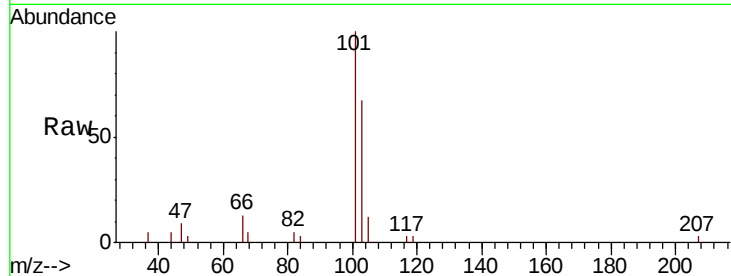
VSTDIC005

Tot Ion:101 Resp: 15496

Ion Ratio Lower Upper

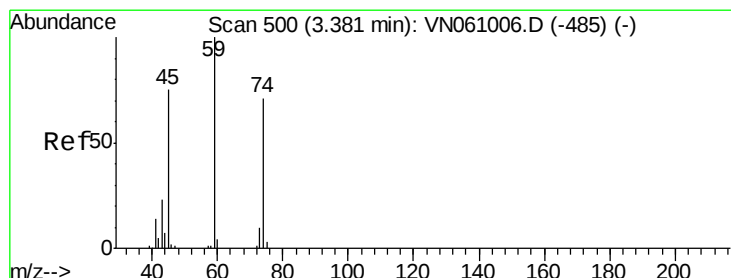
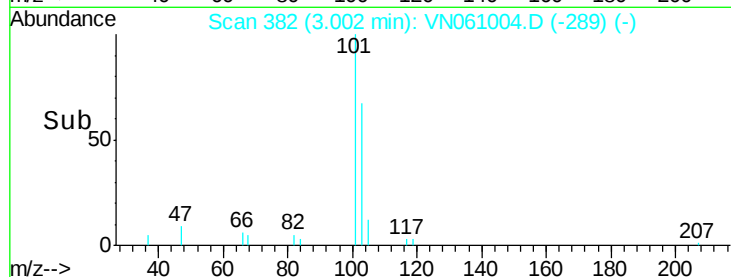
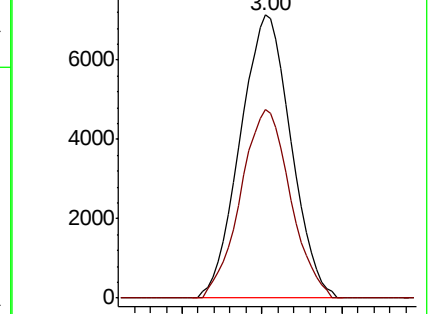
101 100

103 66.8 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.682 ug/l

RT: 3.38 min Scan# 500

Delta R.T. 0.00 min

Lab File: VN061004.D

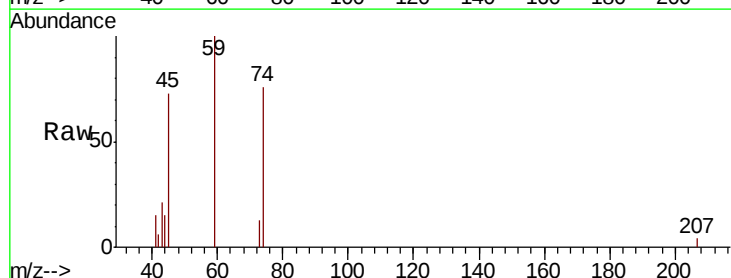
Acq: 16 Apr 2020 11:33

Tgt Ion: 74 Resp: 6531

Ion Ratio Lower Upper

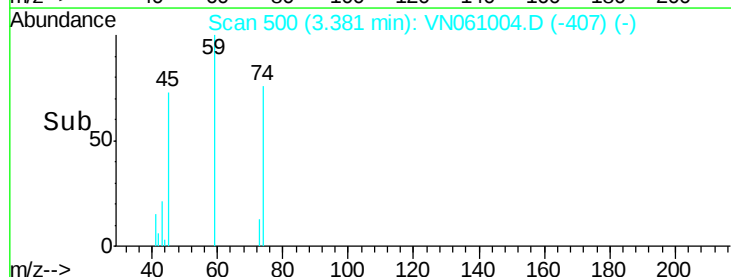
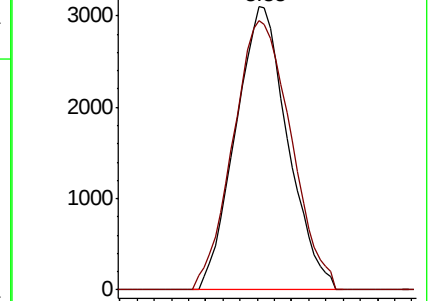
74 100

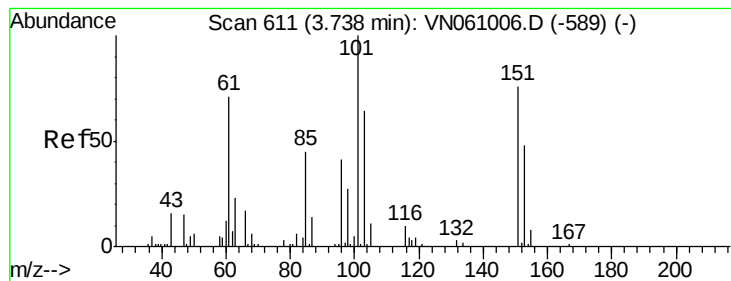
45 105.4 52.9 158.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.772 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

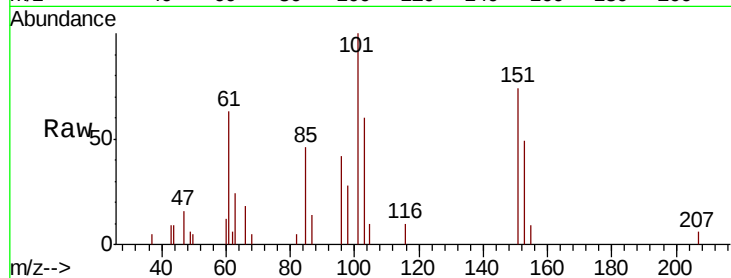
Tot Ion:101 Resp: 9558

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

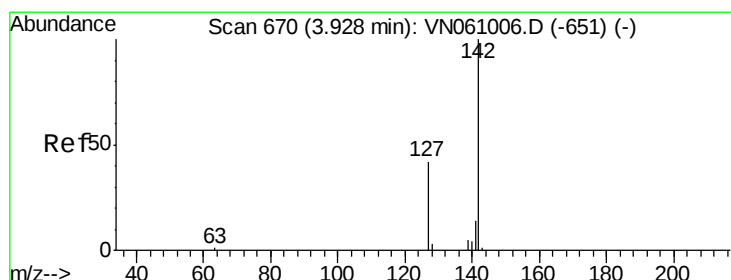
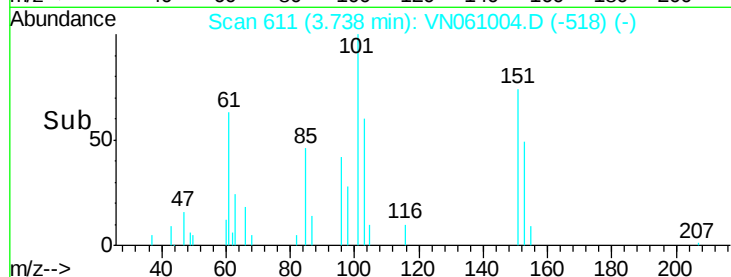
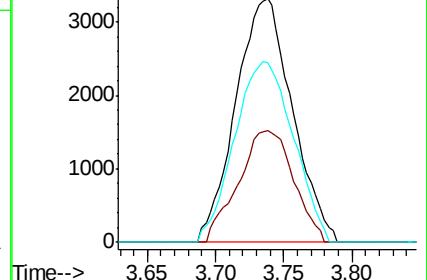
151 77.1 60.8 91.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.846 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

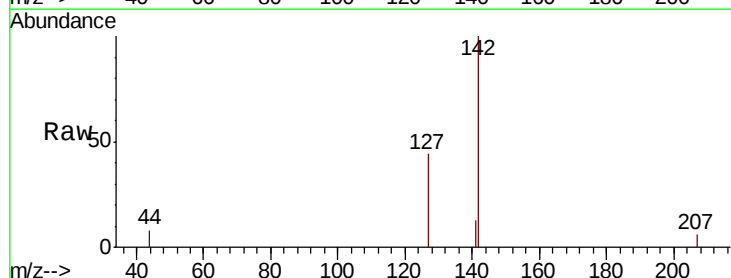
Tgt Ion:142 Resp: 7216

Ion Ratio Lower Upper

142 100

127 42.5 33.4 50.2

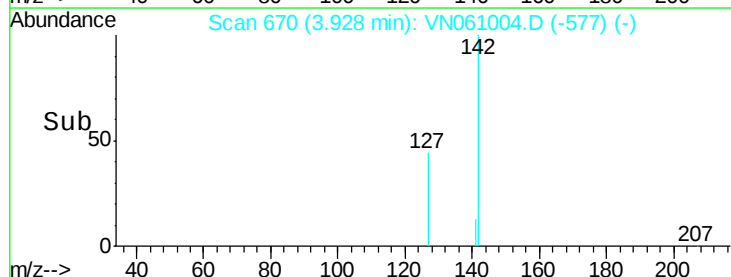
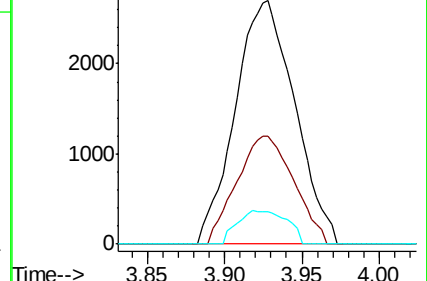
141 11.3 11.0 16.6

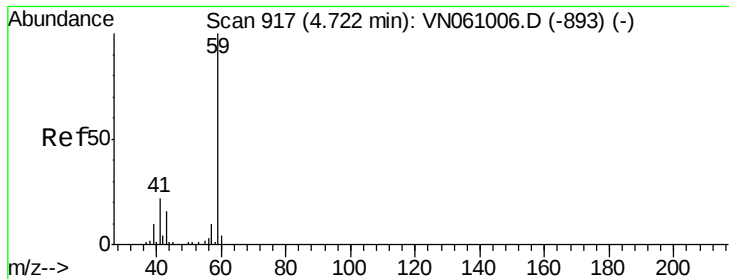


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



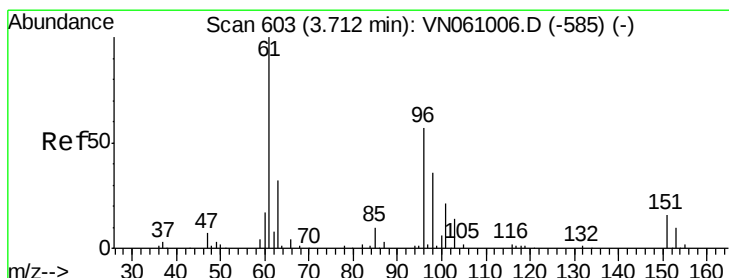
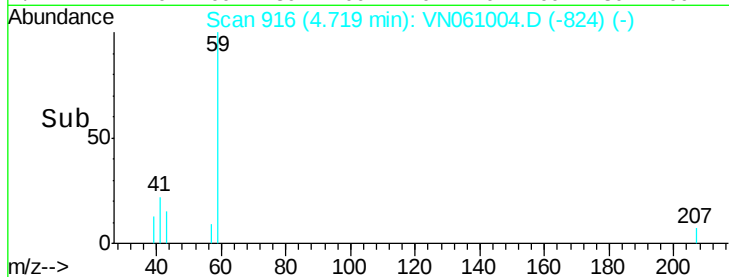
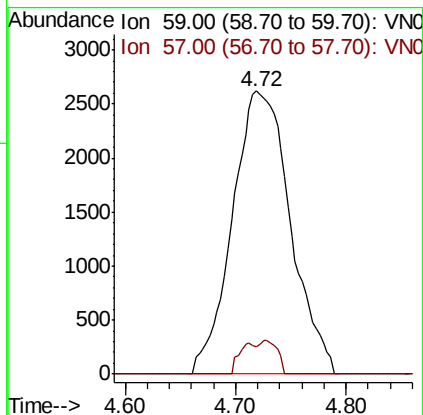
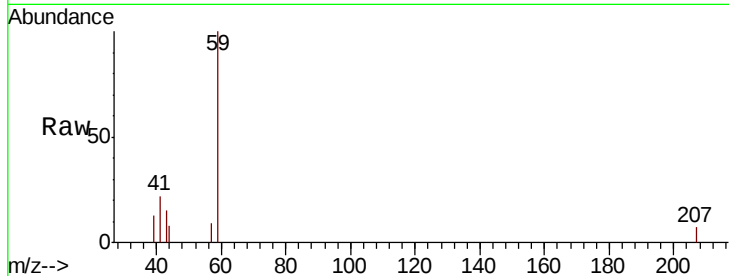


#11

Tert butyl alcohol
Concen: 28.346 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

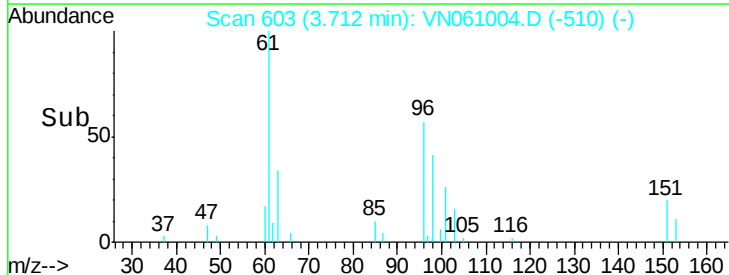
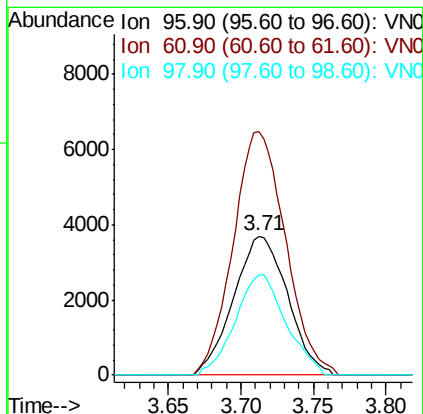
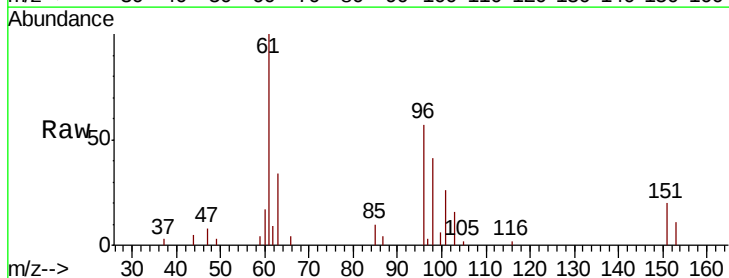
Tot Ion: 59 Resp: 9554
Ion Ratio Lower Upper
59 100
57 3.3 8.1 12.1#

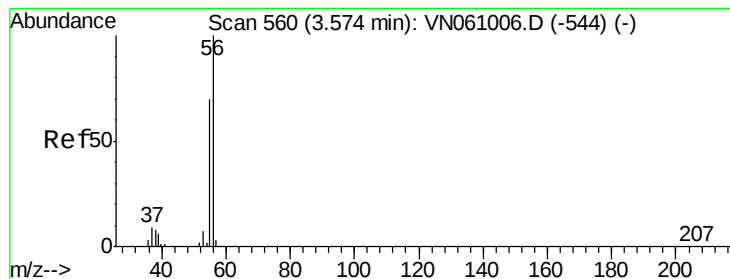


#12

1,1-Dichloroethene
Concen: 5.411 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 96 Resp: 9572
Ion Ratio Lower Upper
96 100
61 175.3 139.2 208.8
98 72.0 50.0 75.0





#13

Acrolein

Concen: 24.460 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

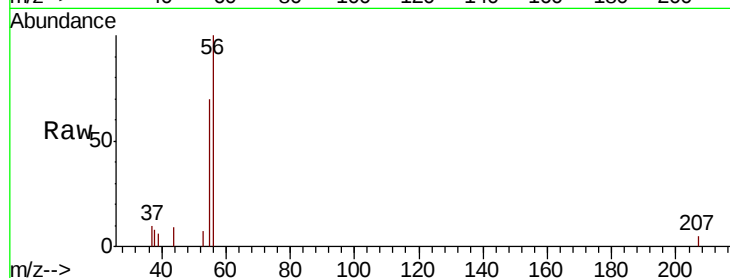
VSTDIC005

Tot Ion: 56 Resp: 8586

Ion Ratio Lower Upper

56 100

55 67.9 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN061006.D (-544) (-)

Ion 55.00 (54.70 to 55.70): VN061006.D (-544) (-)

3.57

3000

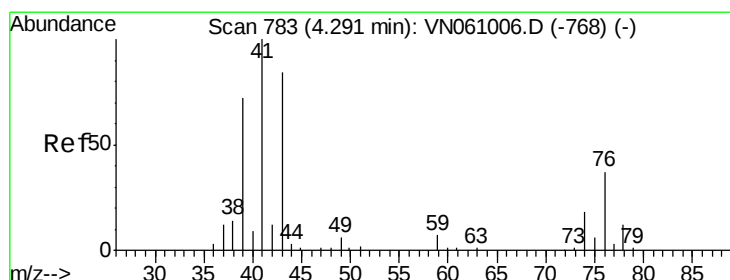
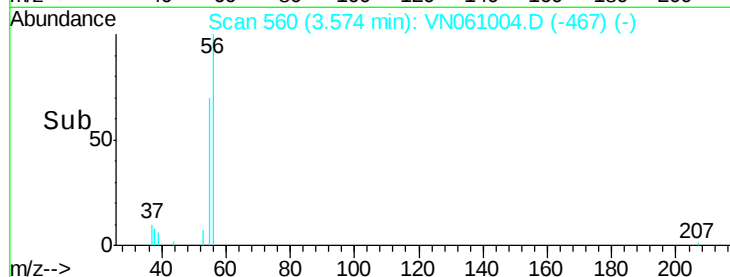
2000

1000

0

Time-->

3.50 3.55 3.60 3.65



#14

Allyl chloride

Concen: 5.988 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

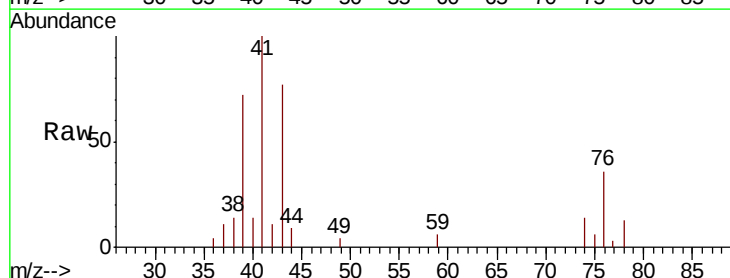
Tgt Ion: 41 Resp: 18851

Ion Ratio Lower Upper

41 100

39 66.9 56.3 84.5

76 30.4 27.7 41.5



Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-768) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-768) (-)

Ion 75.90 (75.60 to 76.60): VN061006.D (-768) (-)

8000

6000

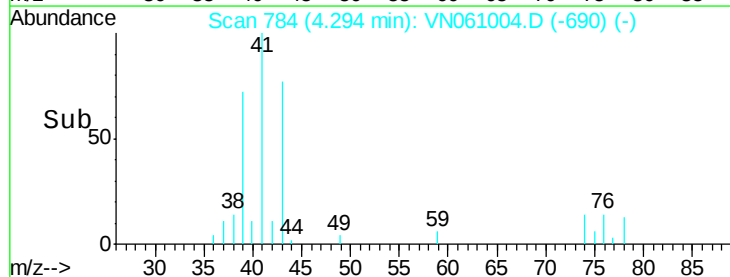
4000

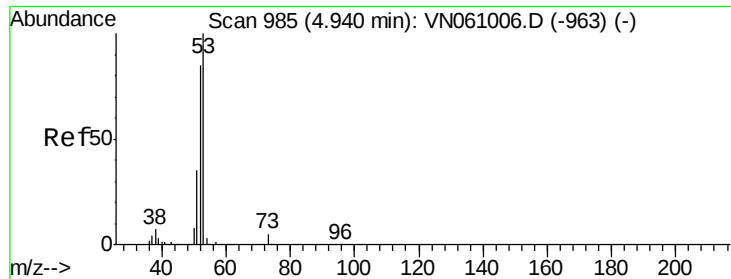
2000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 27.444 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

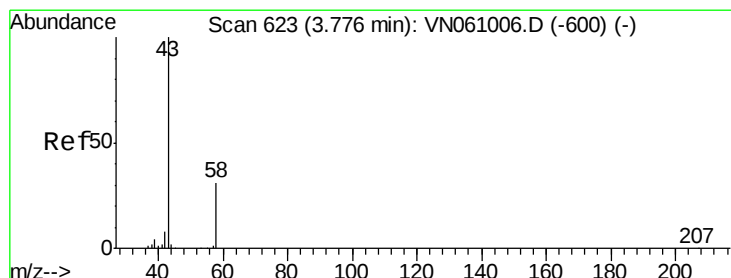
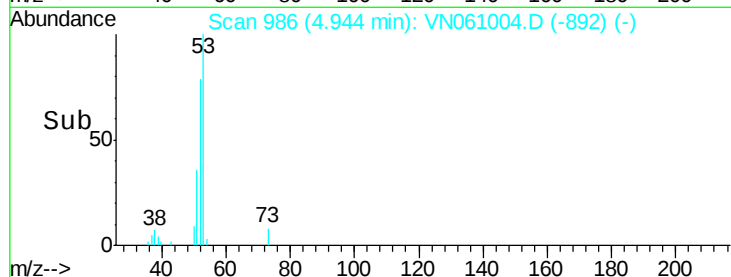
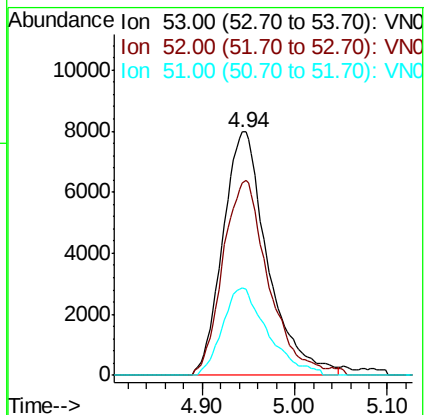
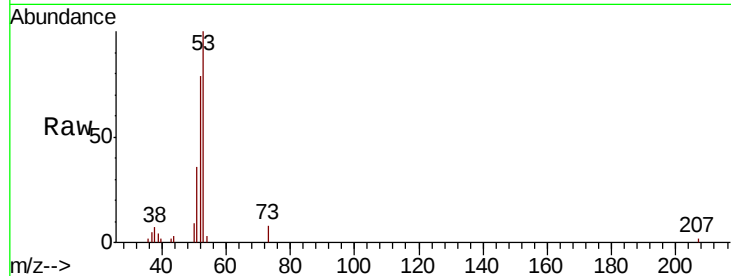
Tot Ion: 53 Resp: 26808

Ion Ratio Lower Upper

53 100

52 81.0 66.8 100.2

51 36.2 28.9 43.3



#16

Acetone

Concen: 28.792 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN061004.D

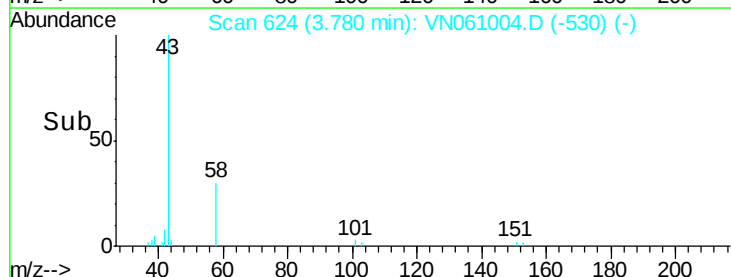
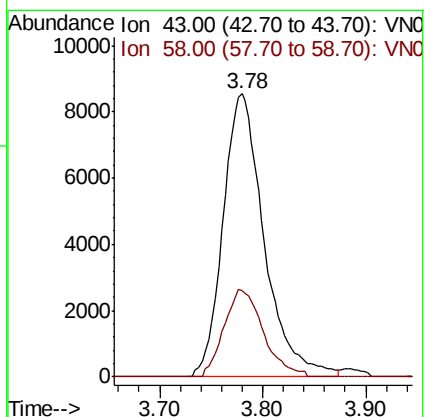
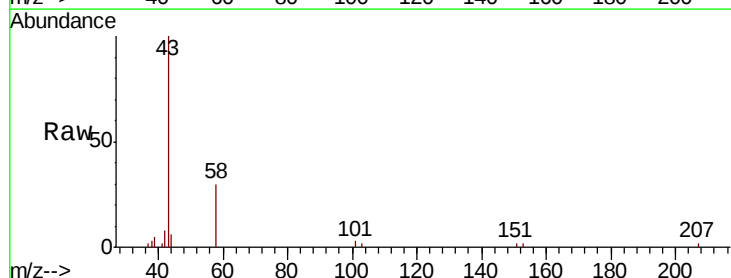
Acq: 16 Apr 2020 11:33

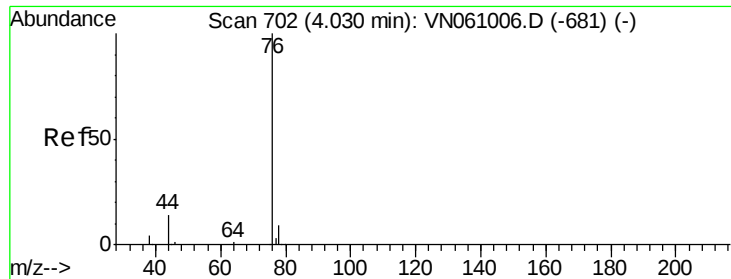
Tgt Ion: 43 Resp: 23690

Ion Ratio Lower Upper

43 100

58 30.4 24.6 37.0

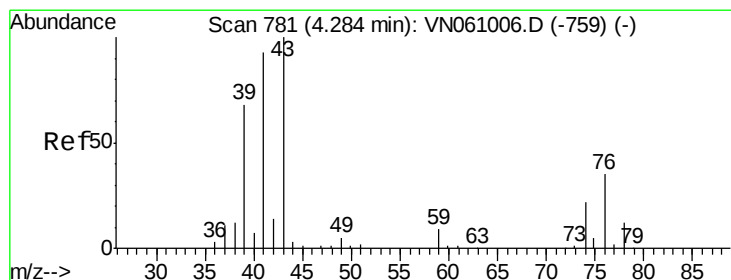
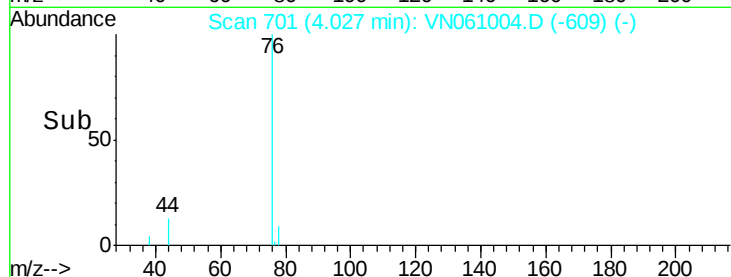
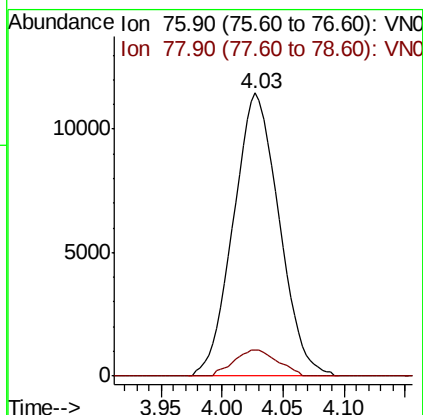
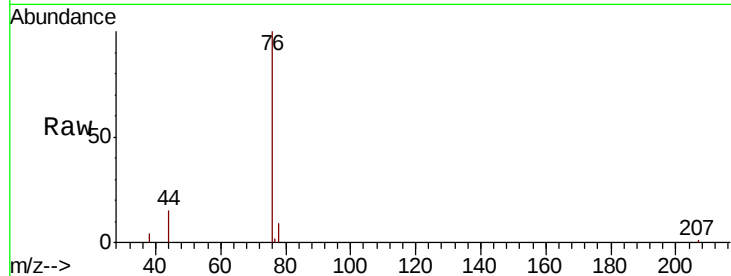




#17
Carbon Disulfide
Concen: 5.513 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

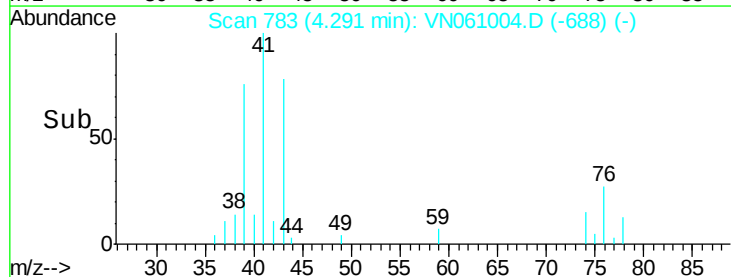
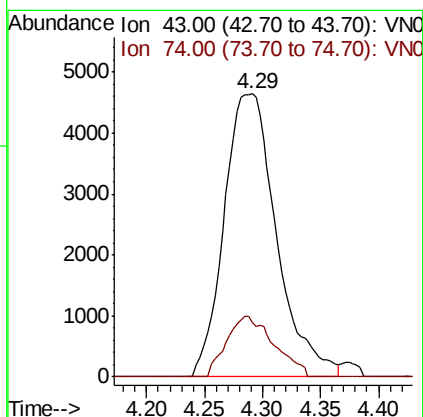
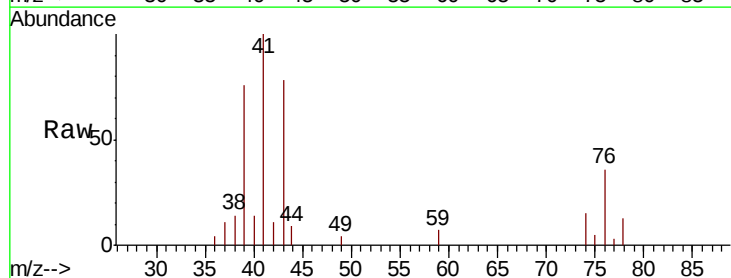
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

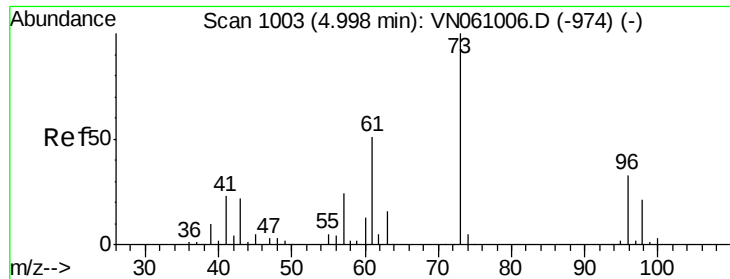
Tot Ion: 76 Resp: 29744
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 6.221 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 43 Resp: 14605
Ion Ratio Lower Upper
43 100
74 19.4 17.4 26.0

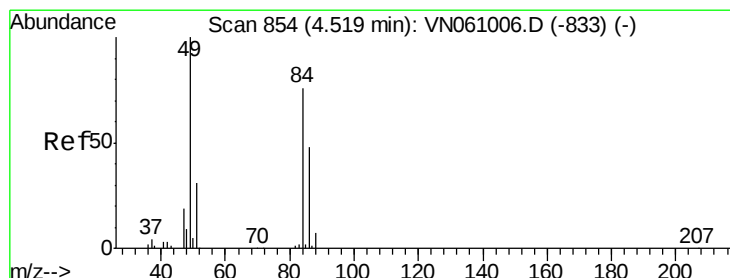
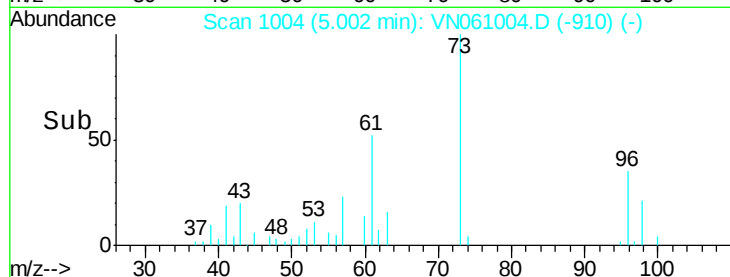
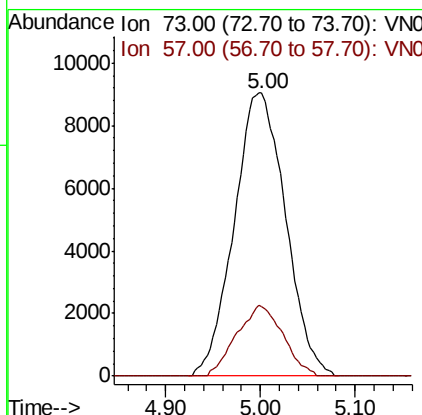
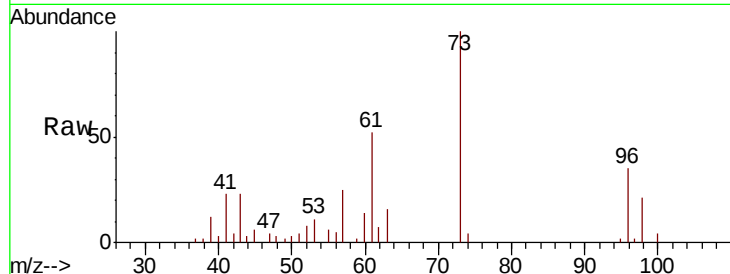




#19
Methvl tert-butvl Ether
Concen: 5.591 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

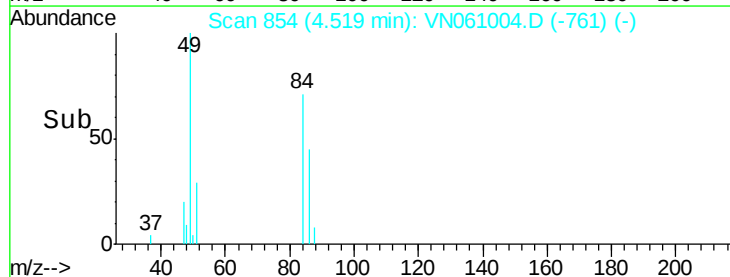
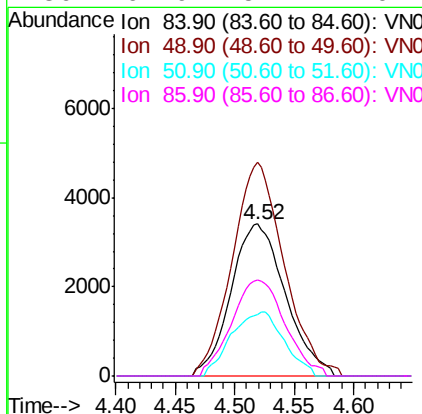
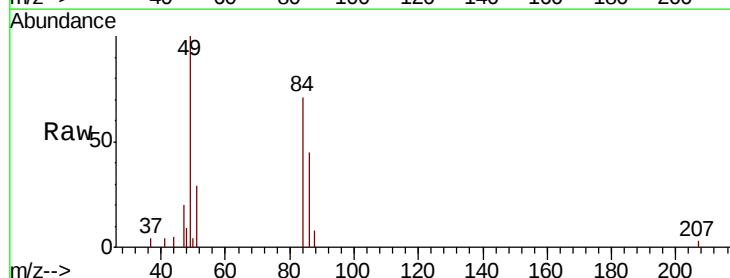
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

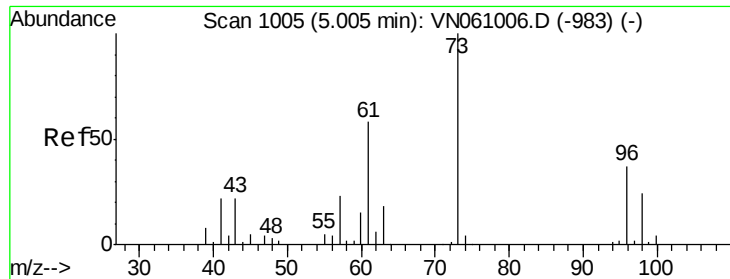
Tot Ion: 73 Resp: 34119
Ion Ratio Lower Upper
73 100
57 24.6 19.0 28.4



#20
Methylene Chloride
Concen: 5.519 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 84 Resp: 10802
Ion Ratio Lower Upper
84 100
49 140.5 105.8 158.6
51 40.8 32.4 48.6
86 62.9 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 5.561 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

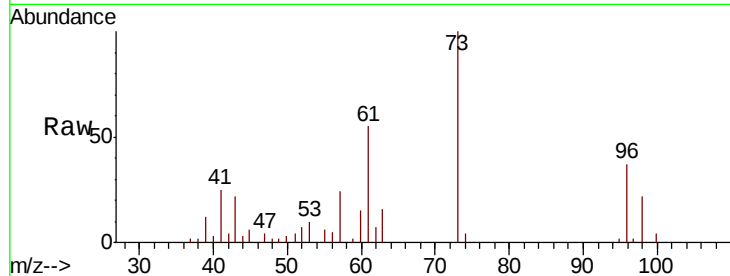
Tot Ion: 96 Resp: 10483

Ion Ratio Lower Upper

96 100

61 146.2 124.8 187.2

98 59.5 51.3 76.9

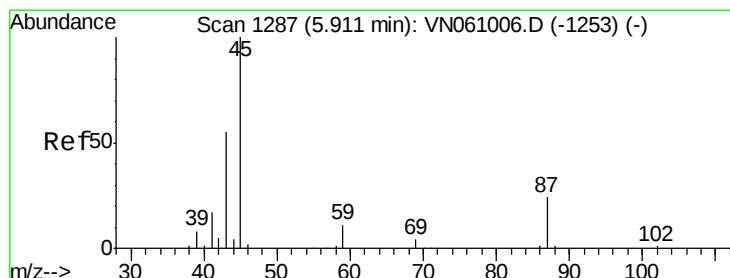
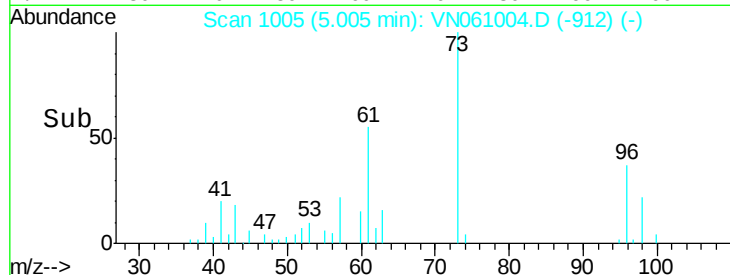
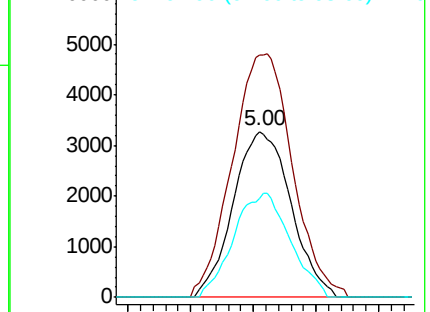


Abundance

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: 5.686 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Tgt Ion: 45 Resp: 37630

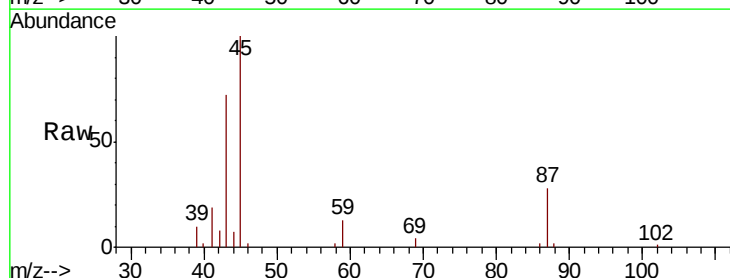
Ion Ratio Lower Upper

45 100

43 67.6 48.6 72.8

87 27.6 19.4 29.2

59 12.9 8.6 12.8#



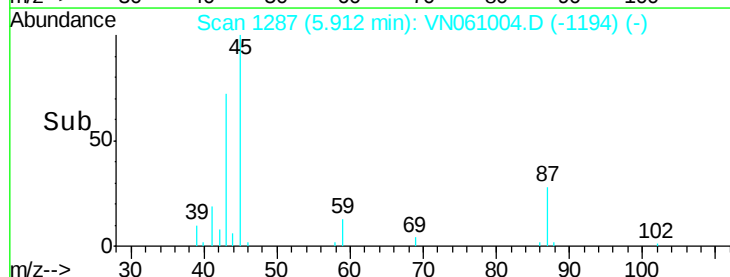
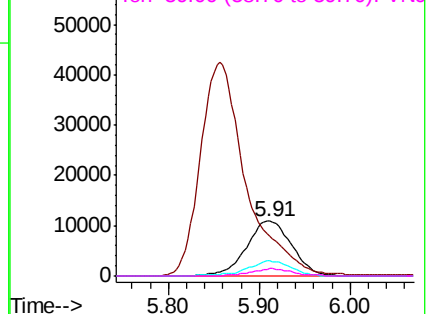
Abundance

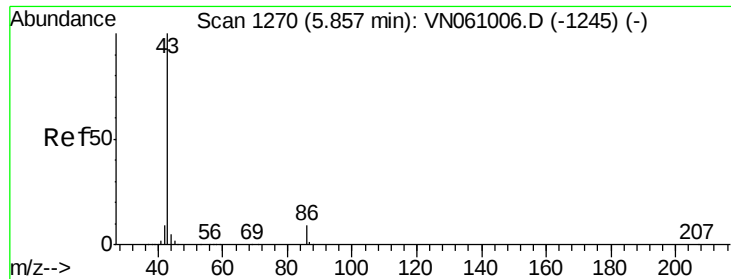
Ion 45.00 (44.70 to 45.70): VN0

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

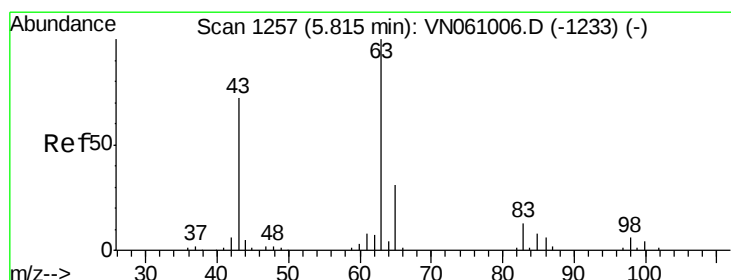
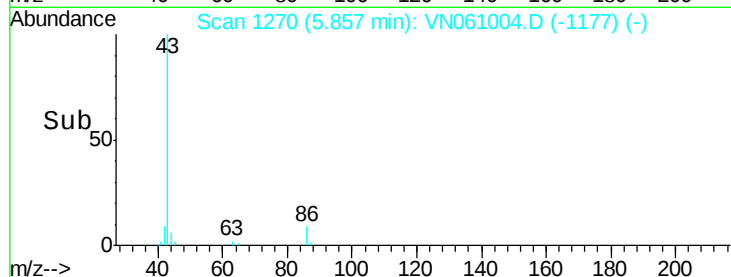
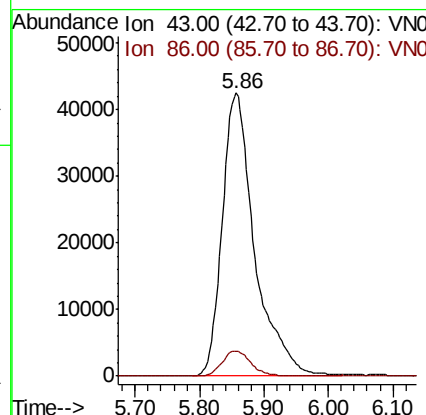
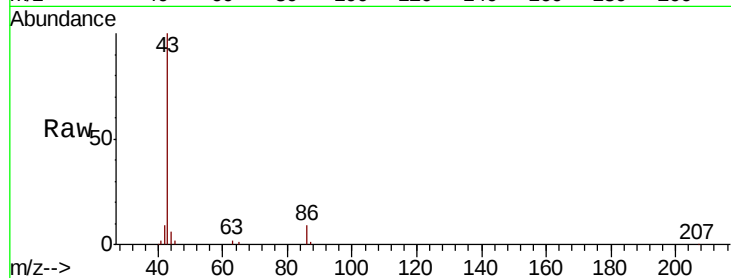




#23
 Vinyl Acetate
 Concen: 27.717 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

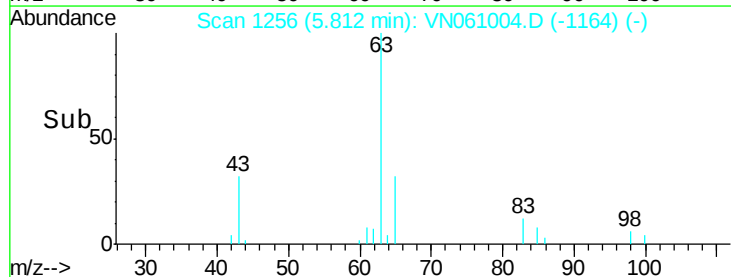
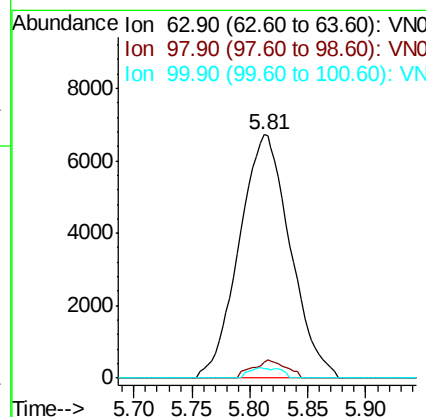
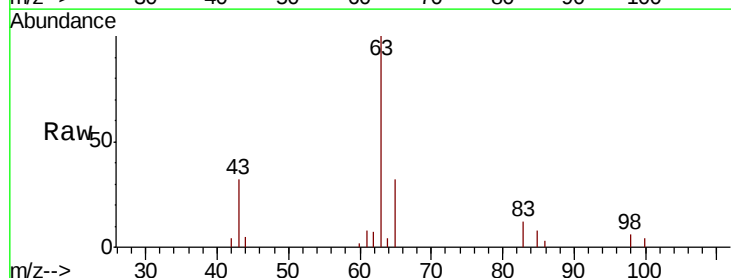
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 43 Resp: 148832
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 5.692 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 63 Resp: 20527
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.9 8.8
 100 4.0 2.0 5.8

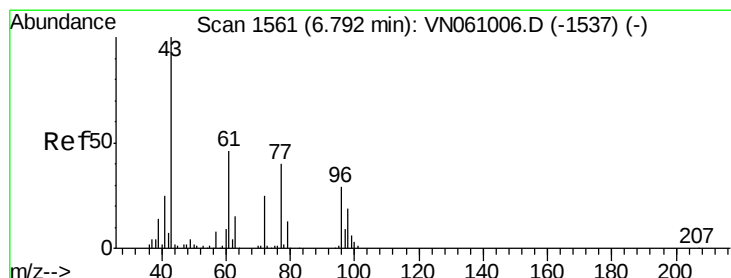
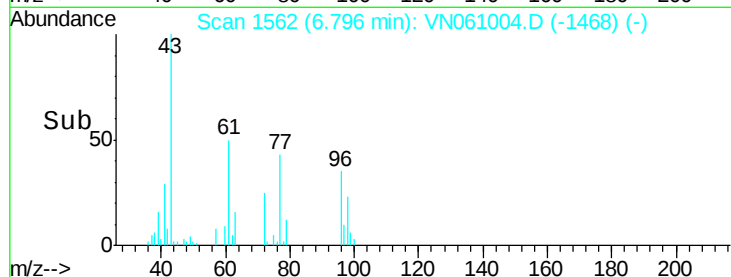
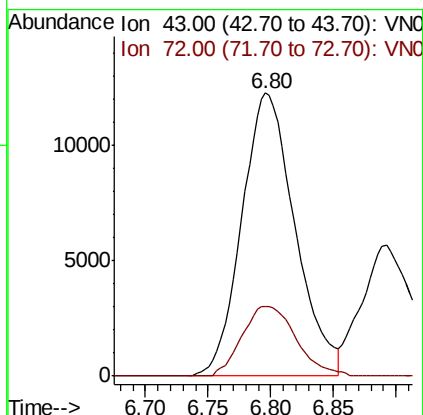
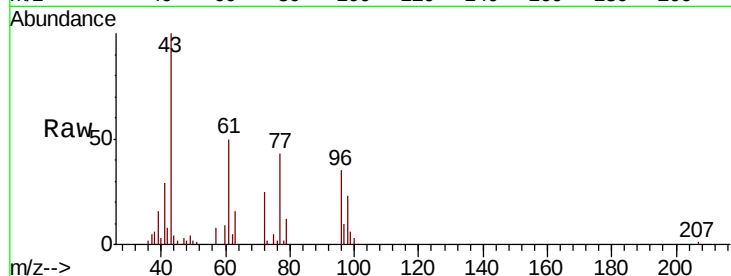




#25
2-Butanone
Concen: 27.762 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

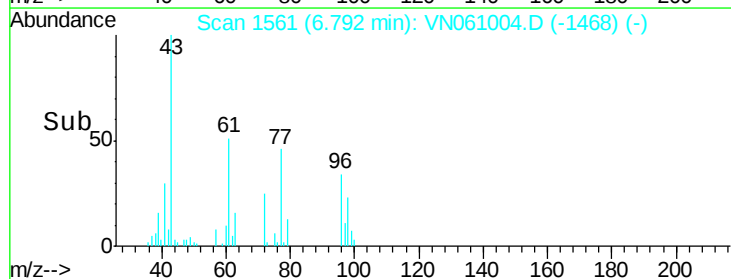
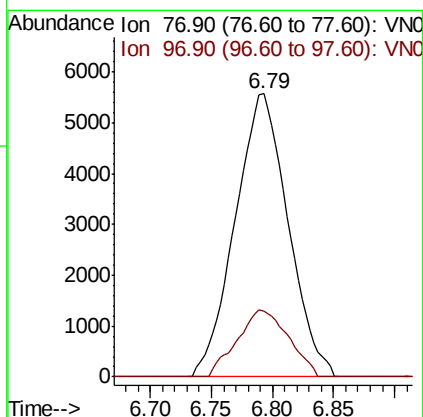
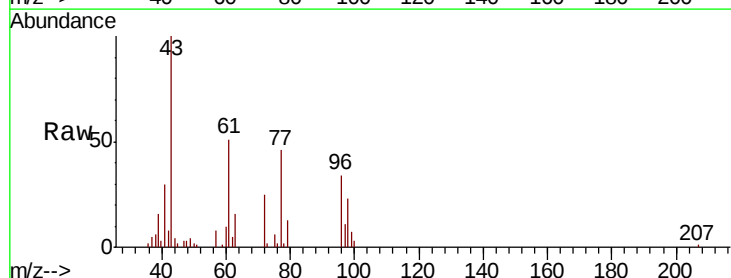
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 43 Resp: 36324
Ion Ratio Lower Upper
43 100
72 24.7 19.6 29.4



#26
2,2-Dichloropropane
Concen: 5.815 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 77 Resp: 16759
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 5.552 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

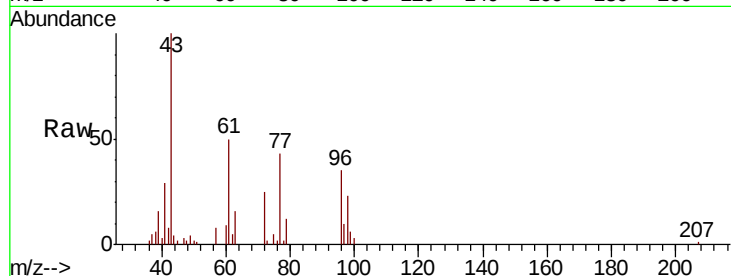
Tot Ion: 96 Resp: 11926

Ion Ratio Lower Upper

96 100

61 155.9 0.0 317.4

98 63.3 0.0 127.8

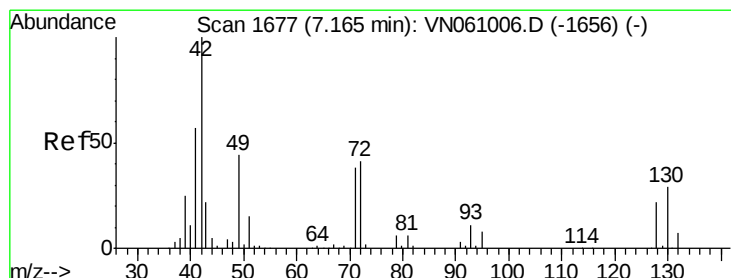
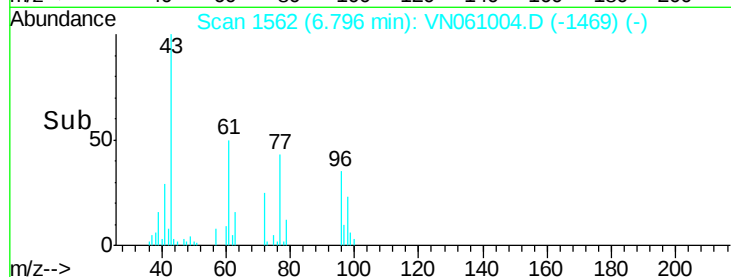
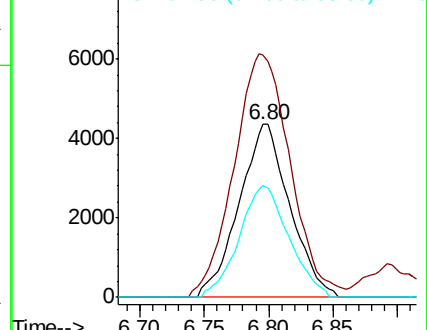


Abundance

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



#28

Bromochloromethane

Concen: 5.437 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

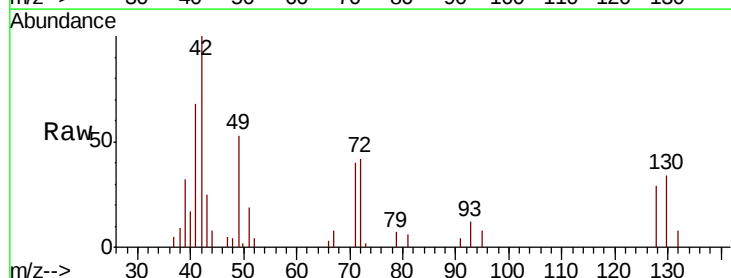
Tgt Ion: 49 Resp: 9333

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.0

130 66.0 52.9 79.3

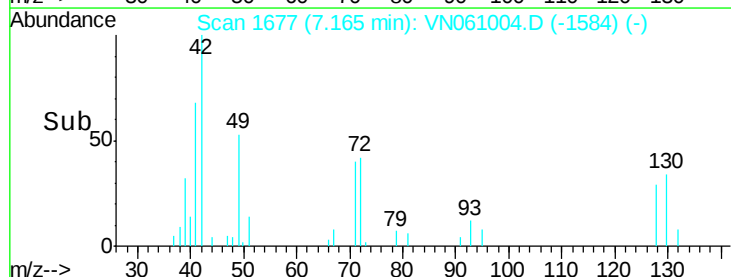
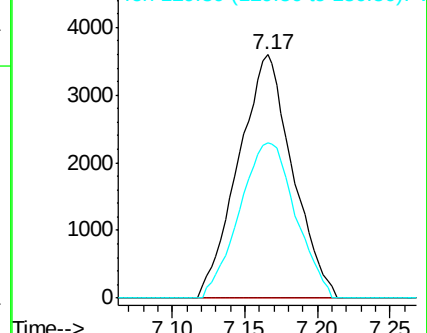


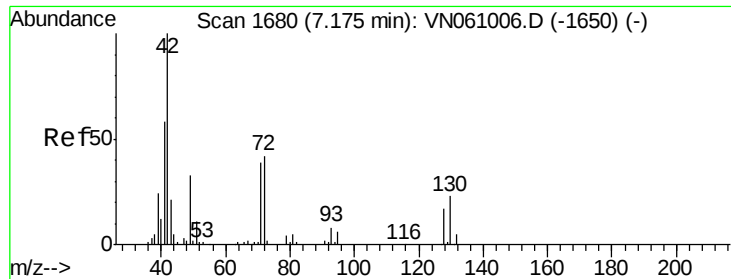
Abundance

Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

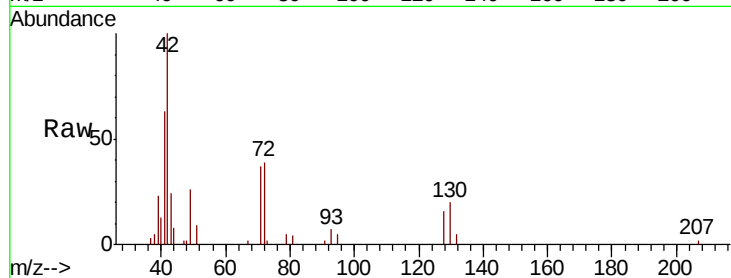




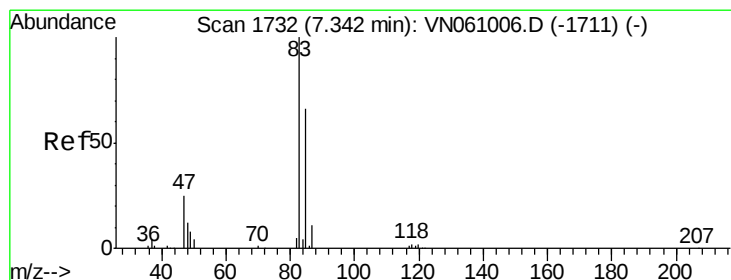
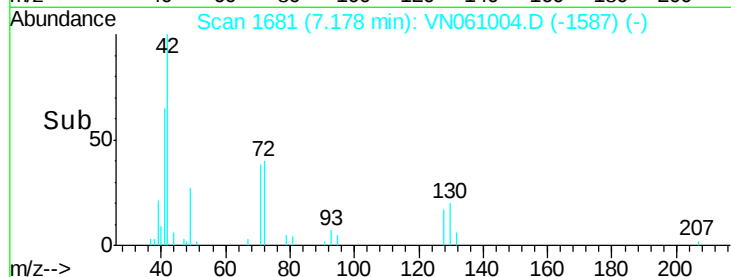
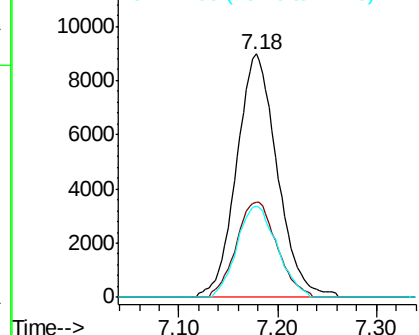
#29
Tetrahydrofuran
Concen: 28.026 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 42 Resp: 25721
Ion Ratio Lower Upper
42 100
72 39.3 32.1 48.1
71 36.8 30.5 45.7

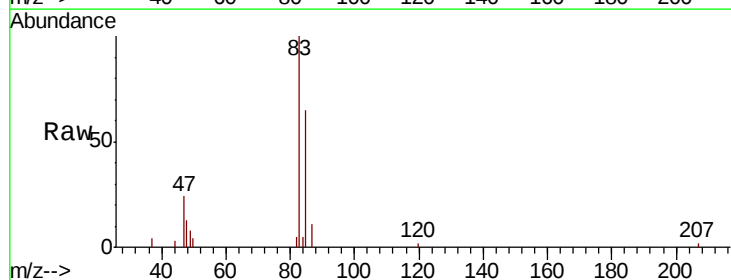


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

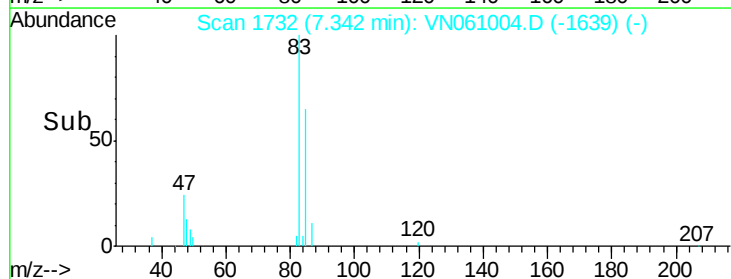
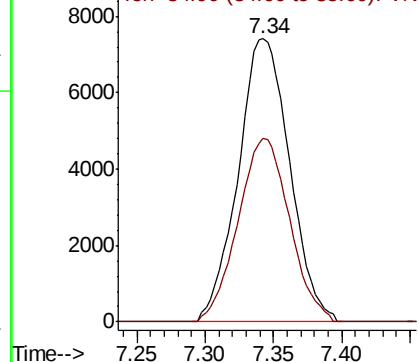


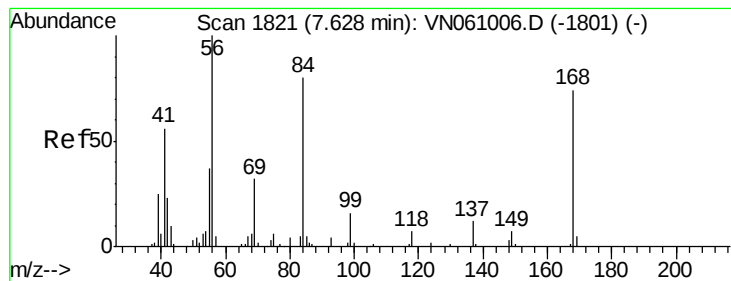
#30
Chloroform
Concen: 5.634 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 83 Resp: 19424
Ion Ratio Lower Upper
83 100
85 64.8 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 6.299 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

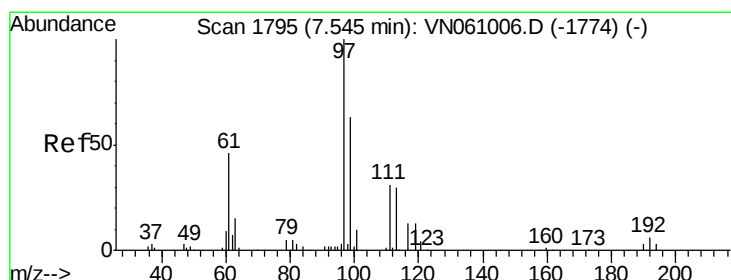
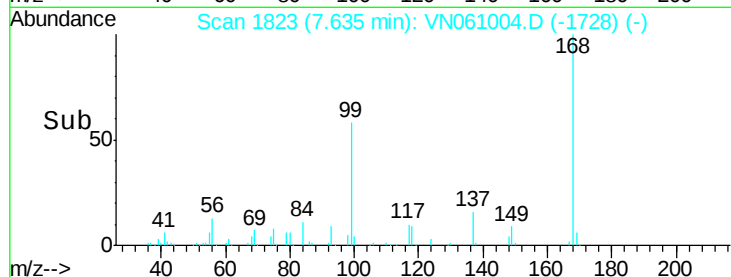
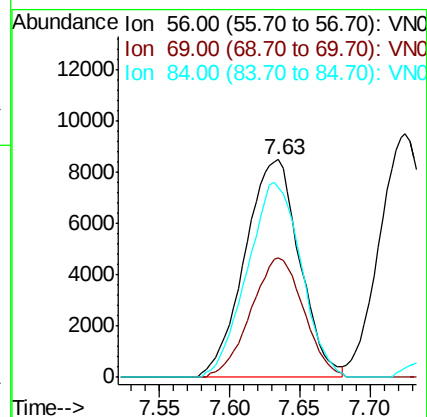
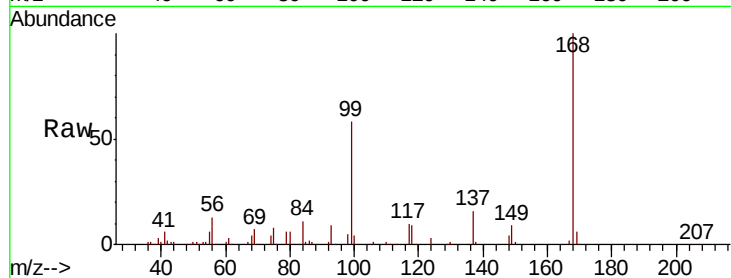
Tot Ion: 56 Resp: 23011

Ion Ratio Lower Upper

56 100

69 55.1 25.6 38.4#

84 87.4 63.4 95.2



#32

1,1,1-Trichloroethane

Concen: 5.624 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

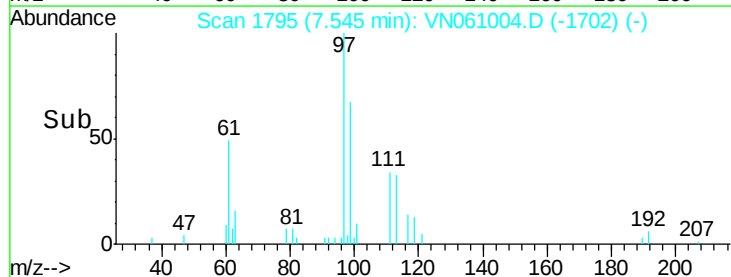
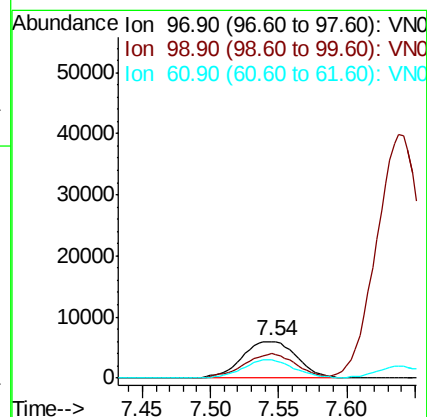
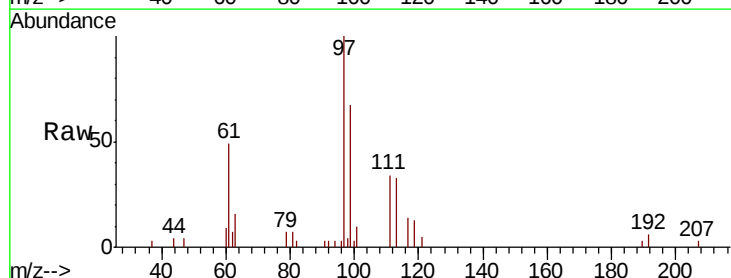
Tgt Ion: 97 Resp: 16651

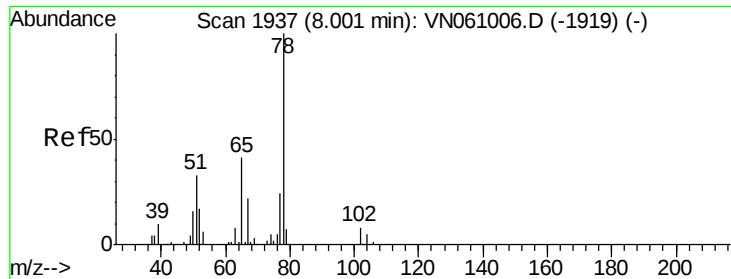
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 46.0 37.0 55.6

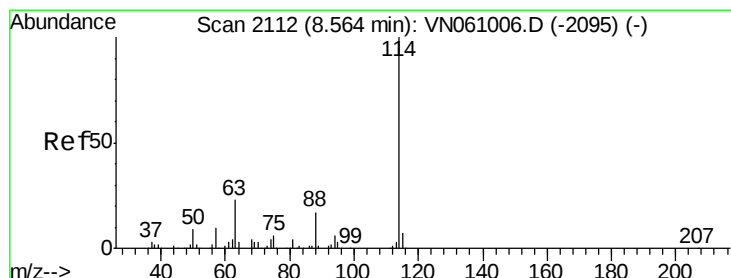
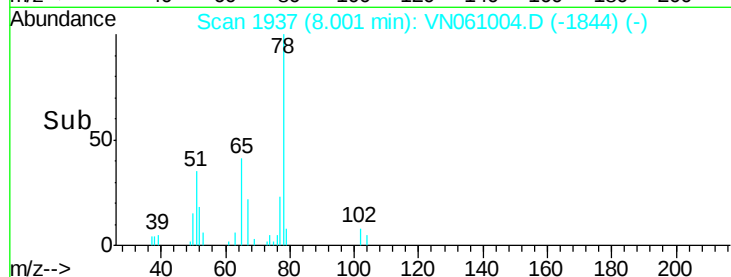
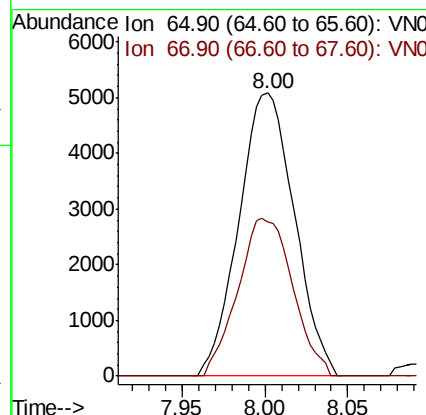
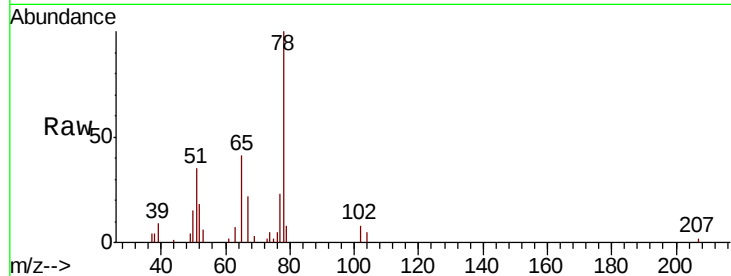




#33
 1,2-Dichloroethane-d4
 Concen: 5.428 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

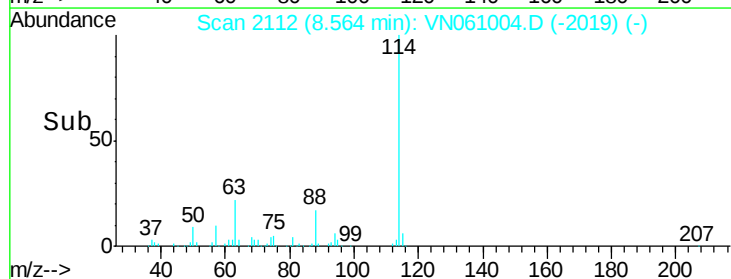
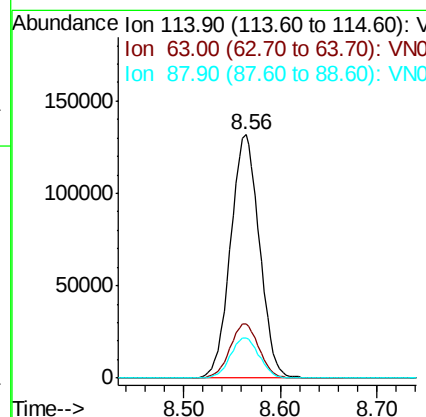
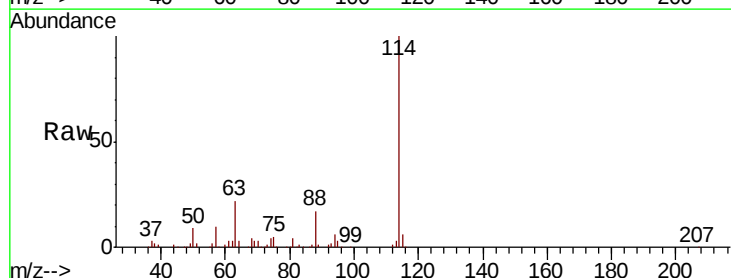
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

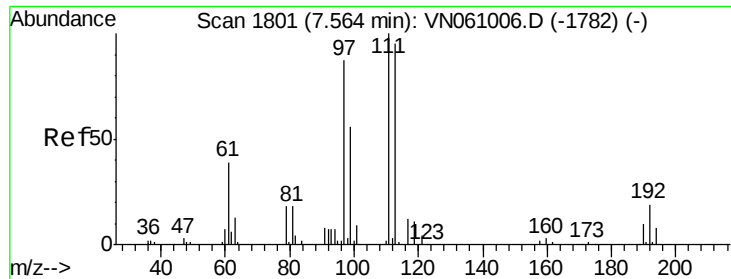
Tot Ion: 65 Resp: 11849
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 114 Resp: 273374
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 46.2
 88 16.5 0.0 33.4

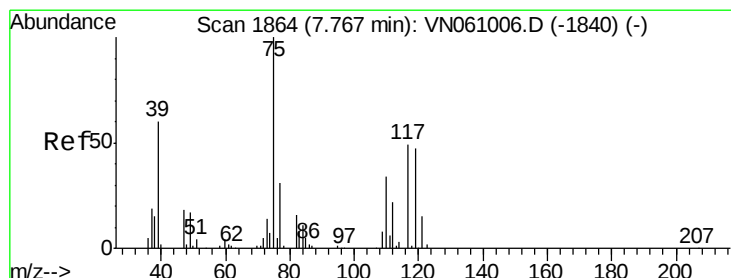
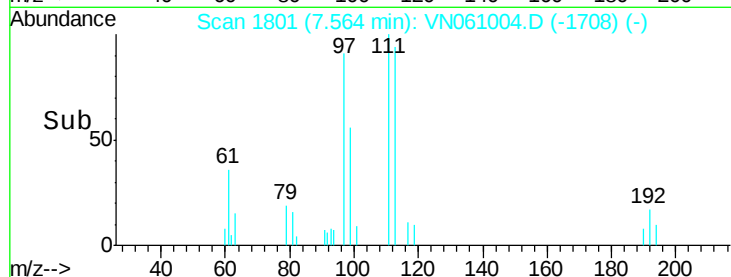
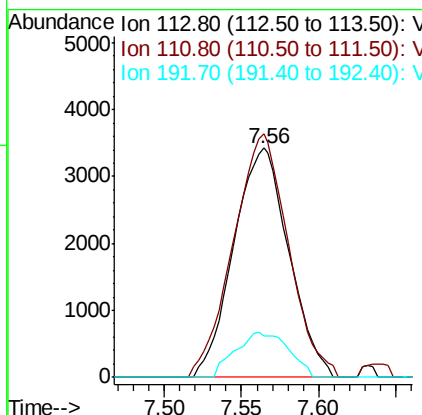
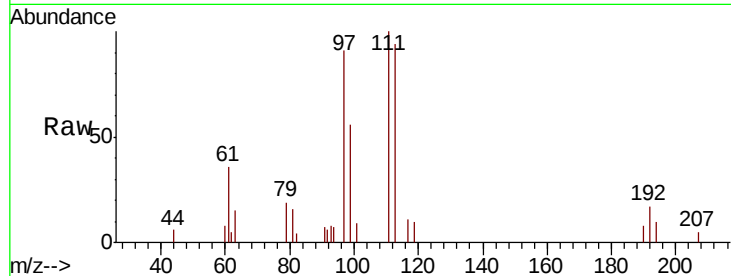




#35
 Dibromofluoromethane
 Concen: 5.217 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

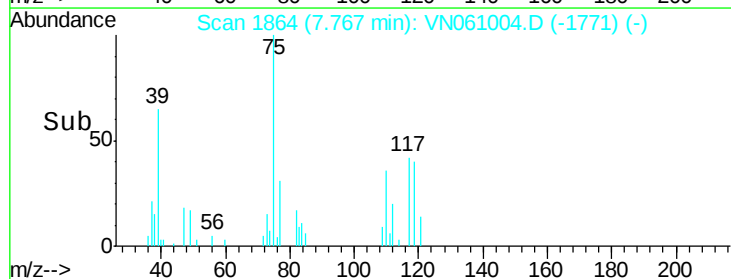
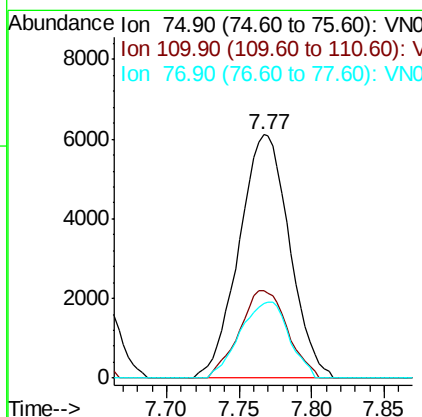
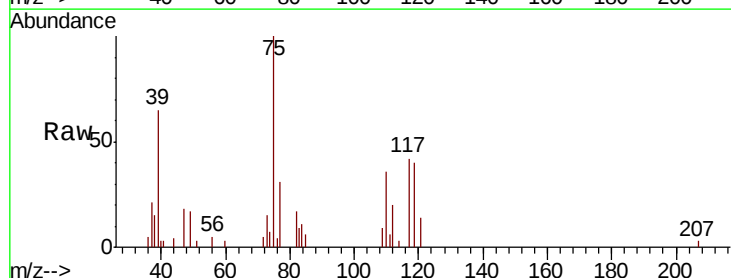
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

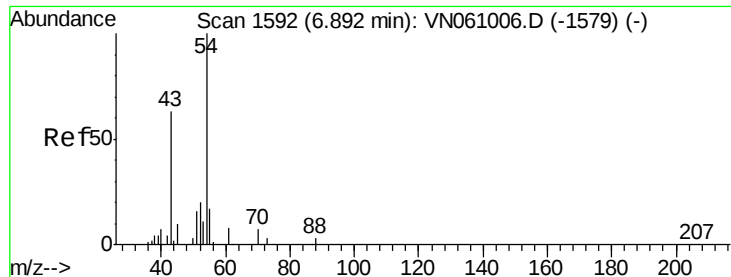
Tot Ion:113 Resp: 8489
 Ion Ratio Lower Upper
 113 100
 111 106.0 83.4 125.2
 192 18.9 15.5 23.3



#36
 1,1-Dichloropropene
 Concen: 5.543 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 75 Resp: 14788
 Ion Ratio Lower Upper
 75 100
 110 34.3 16.8 50.3
 77 30.3 24.7 37.1

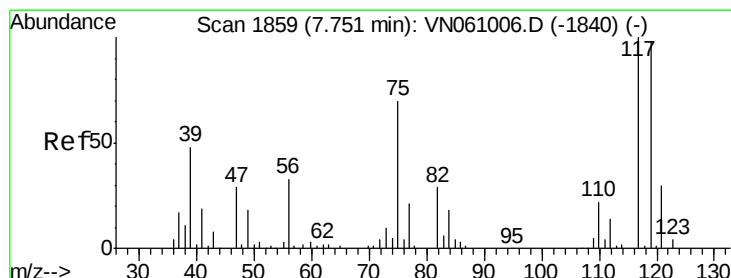
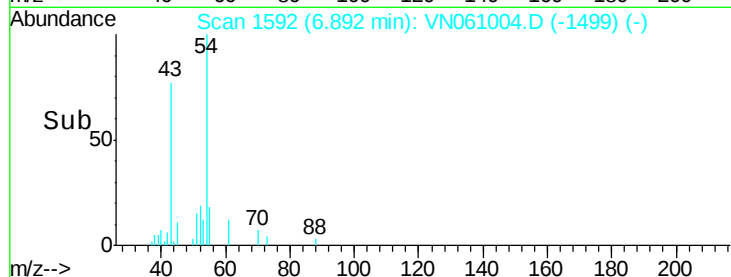
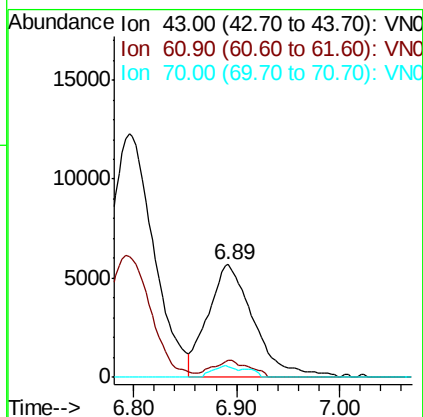
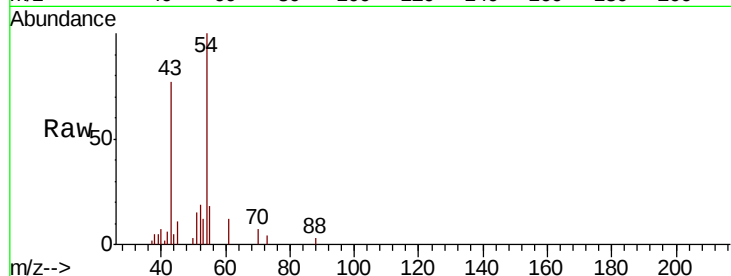




#37
Ethyl Acetate
Concen: 6.085 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

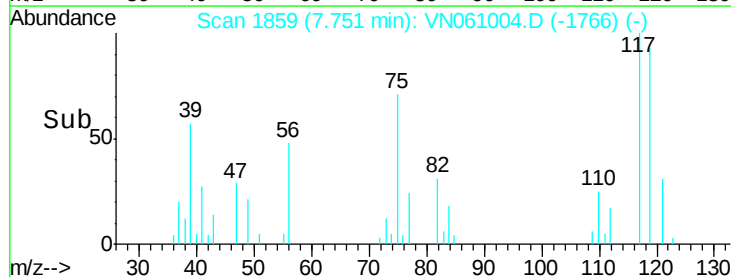
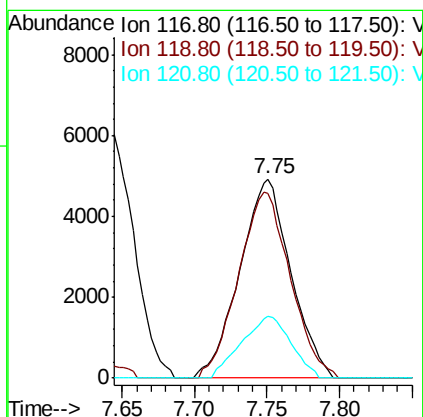
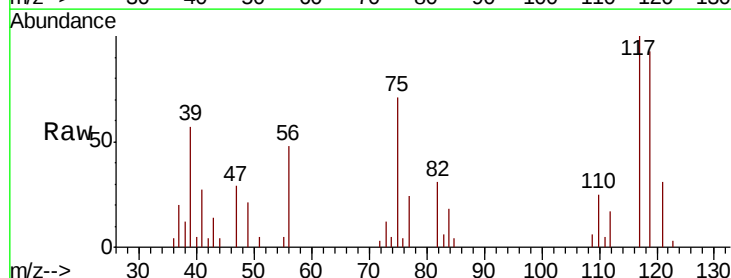
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

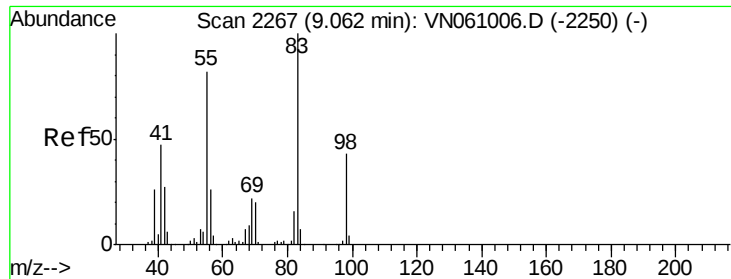
Tot Ion: 43 Resp: 17631
Ion Ratio Lower Upper
43 100
61 12.1 10.9 16.3
70 5.0 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 5.063 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 117 Resp: 12031
Ion Ratio Lower Upper
117 100
119 93.1 78.1 117.1
121 31.1 24.0 36.0

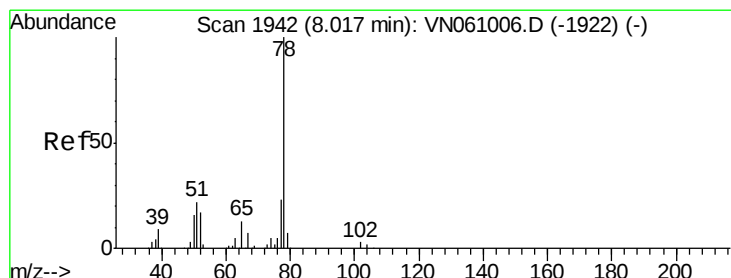
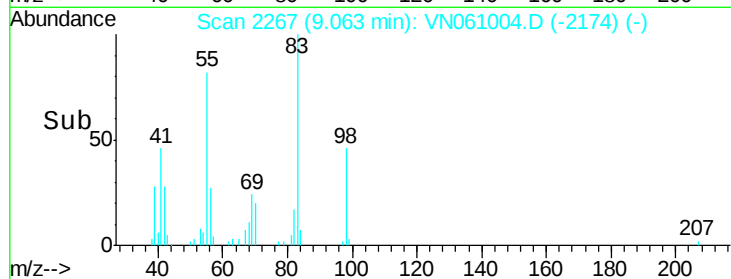
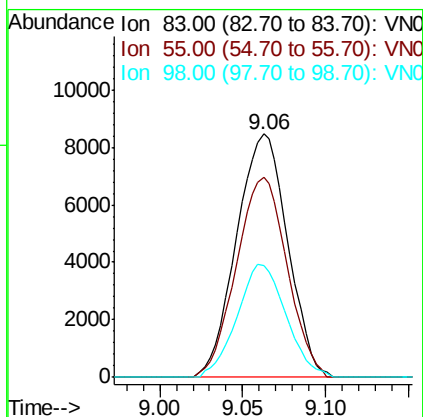
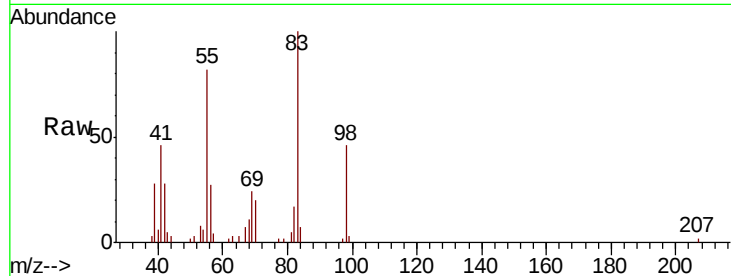




#39
Methylvlcvclohexane
Concen: 5.700 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

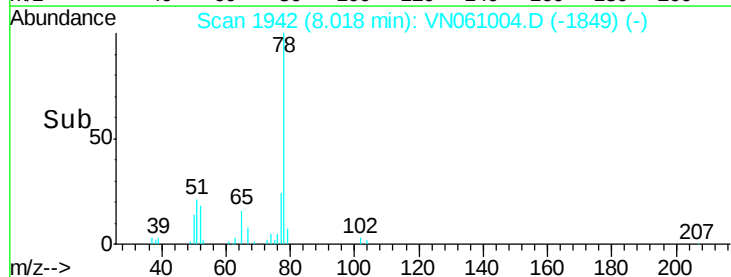
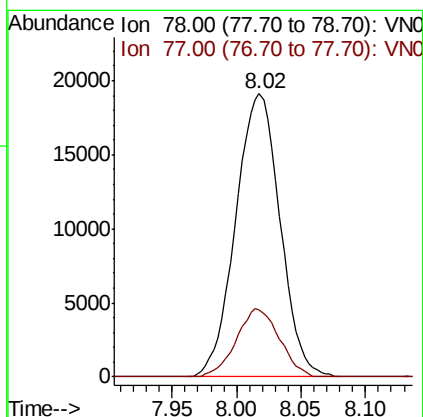
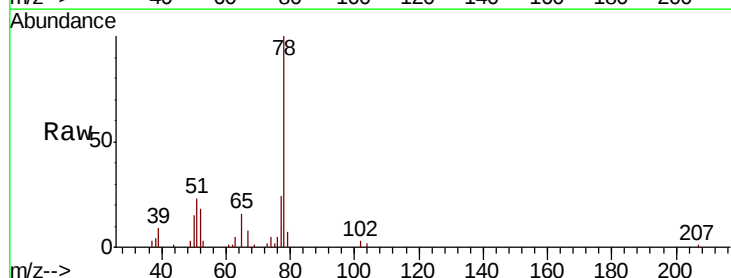
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

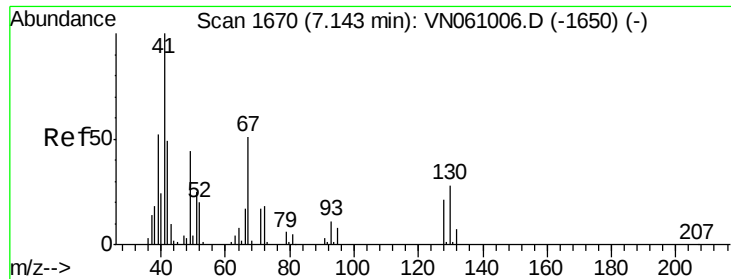
Tot Ion: 83 Resp: 18145
Ion Ratio Lower Upper
83 100
55 82.0 65.4 98.0
98 45.9 34.6 51.8



#40
Benzene
Concen: 5.696 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 78 Resp: 45823
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

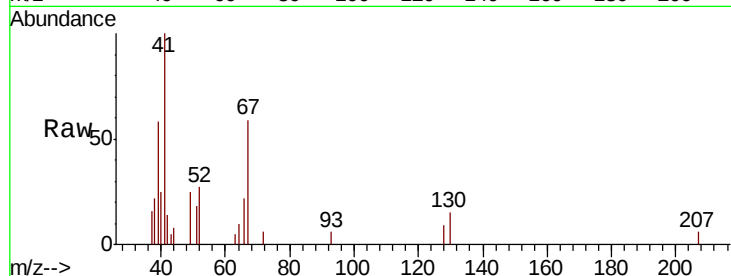




#41
Methacrylonitrile
Concen: 4.503 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. -0.01 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	5574
Ion	Ratio	Lower	Upper
41	100		
39	74.3	0.0	0.0#
67	101.2	0.0	0.0#
52	42.1	0.0	0.0#

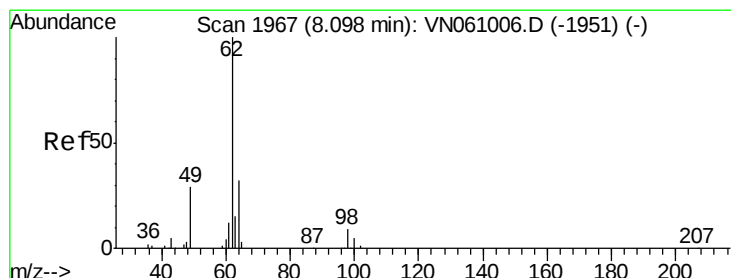
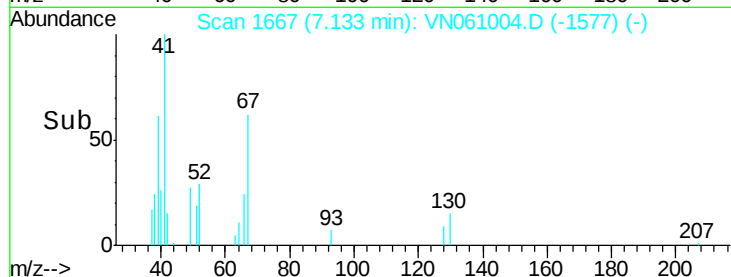
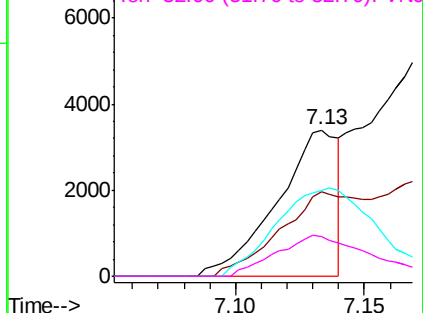


Abundance Ion 41.00 (40.70 to 41.70): VN061006.D (-1650) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-1650) (-)

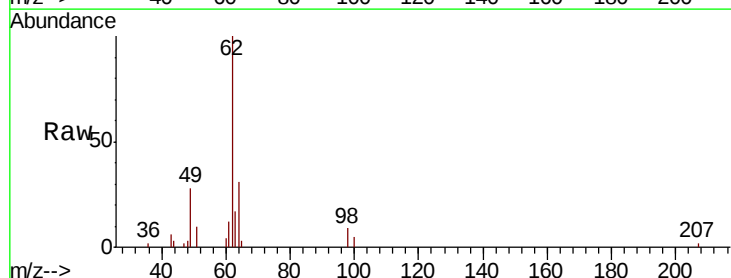
Ion 67.00 (66.70 to 67.70): VN061006.D (-1650) (-)

Ion 52.00 (51.70 to 52.70): VN061006.D (-1650) (-)



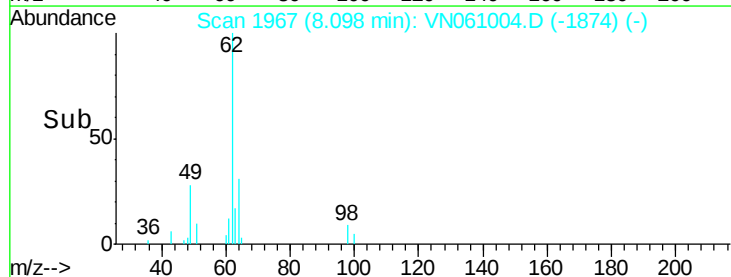
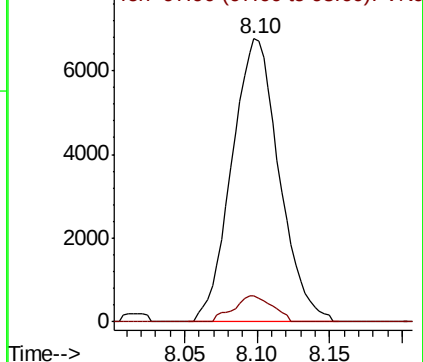
#42
1,2-Dichloroethane
Concen: 5.582 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

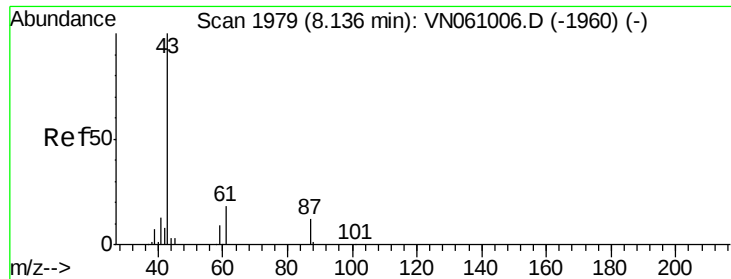
Tgt Ion:	62	Resp:	15365
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	17.2



Abundance Ion 61.90 (61.60 to 62.60): VN061006.D (-1951) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1951) (-)





#43

Isopropyl Acetate

Concen: 5.574 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

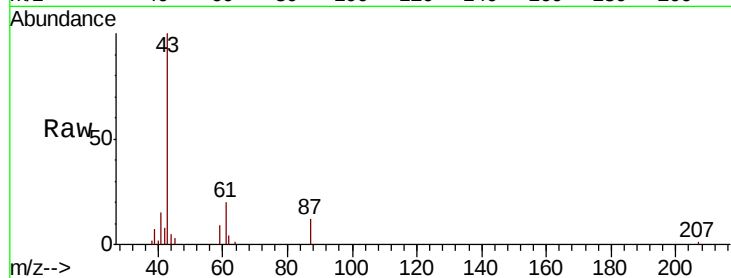
Tot Ion: 43 Resp: 26562

Ion Ratio Lower Upper

43 100

61 25.9 20.3 30.5

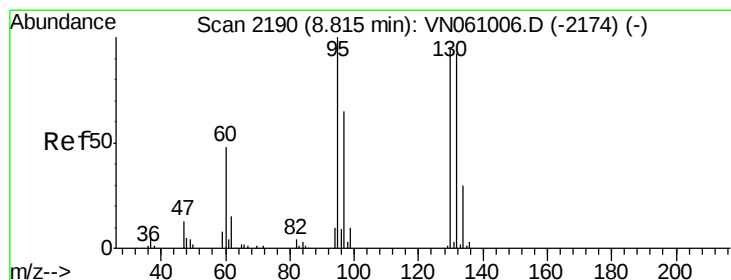
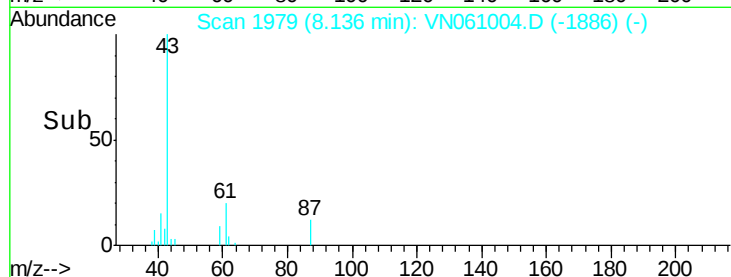
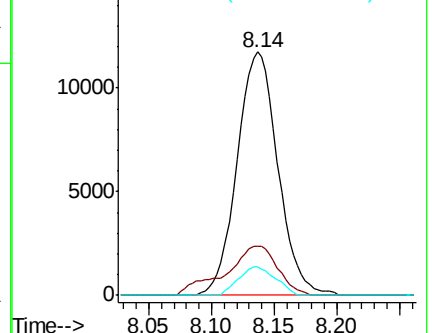
87 10.6 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061004.D (-1886) (-)

Ion 61.00 (60.70 to 61.70): VN061004.D (-1886) (-)

Ion 87.00 (86.70 to 87.70): VN061004.D (-1886) (-)



#44

Trichloroethene

Concen: 5.788 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061004.D

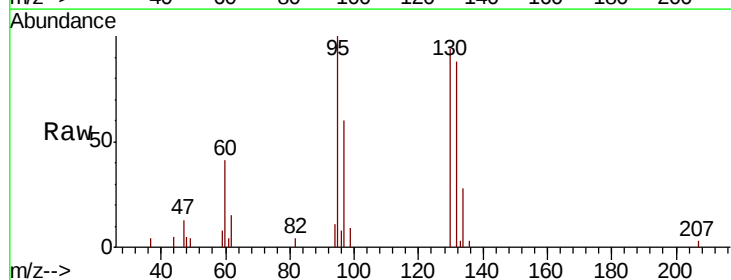
Acq: 16 Apr 2020 11:33

Tgt Ion: 130 Resp: 11682

Ion Ratio Lower Upper

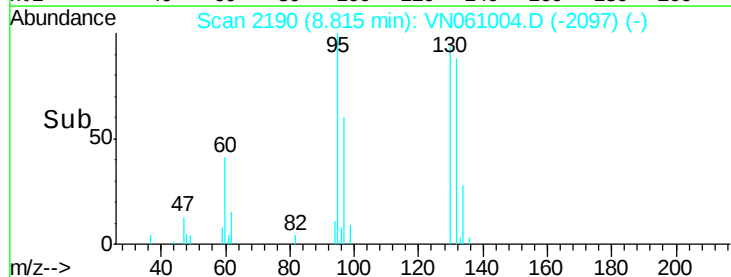
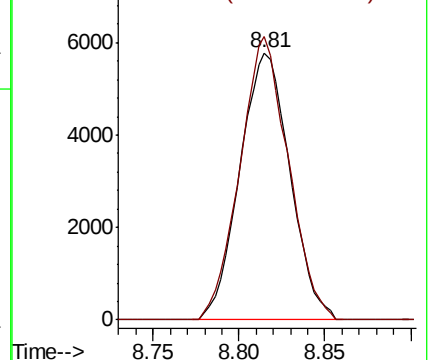
130 100

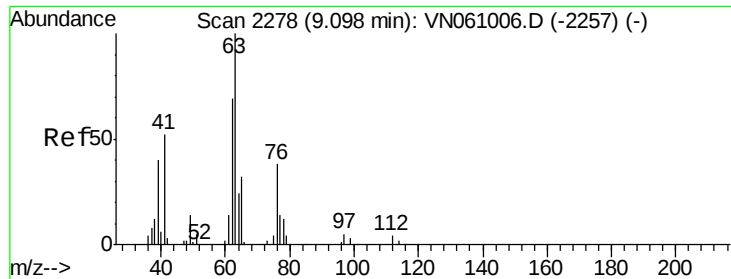
95 105.9 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061004.D (-2097) (-)

Ion 94.90 (94.60 to 95.60): VN061004.D (-2097) (-)

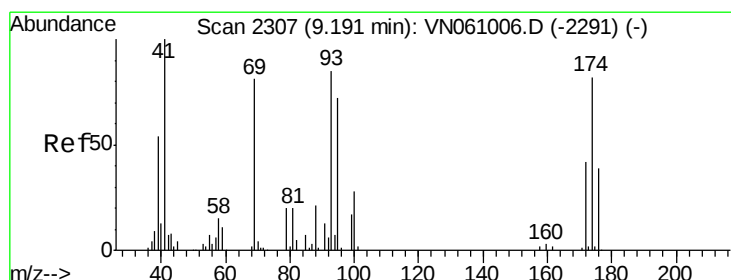
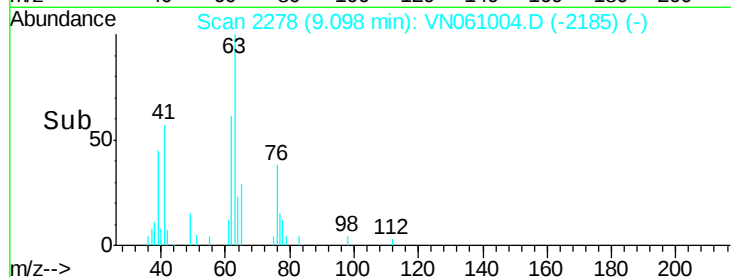
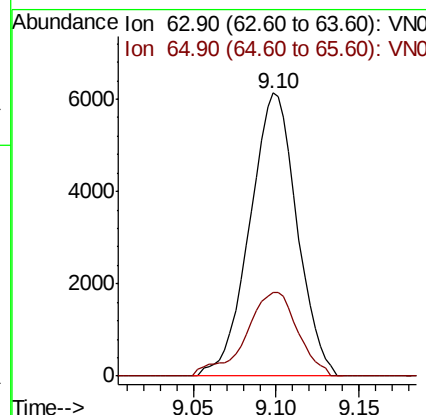
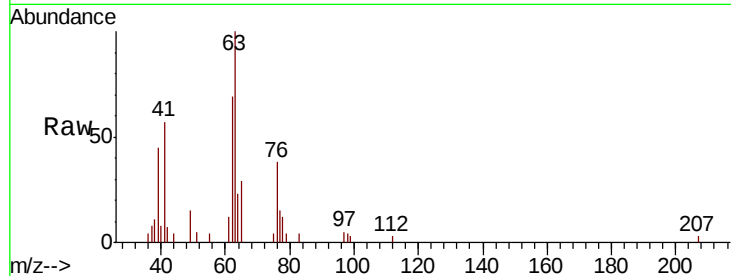




#45
 1,2-Dichloropropane
 Concen: 5.731 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

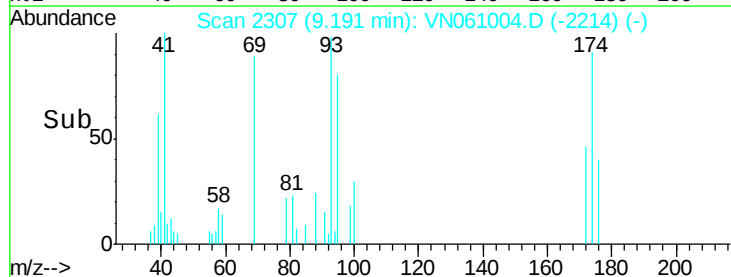
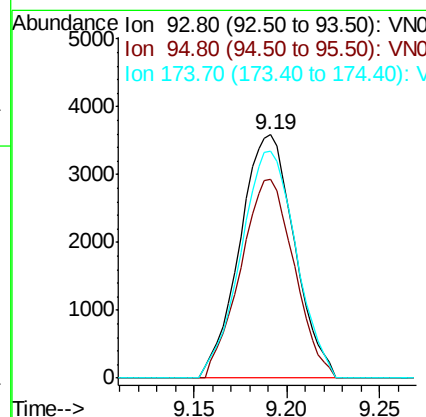
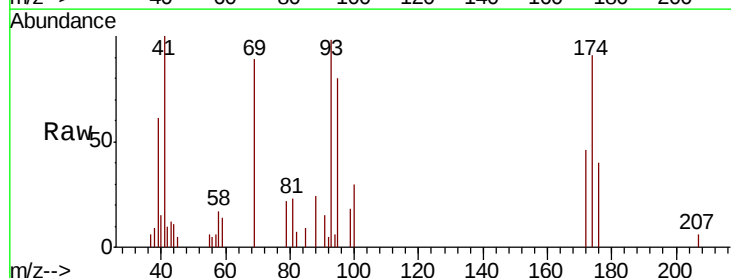
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 12189
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.2 37.8



#46
 Dibromomethane
 Concen: 5.734 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 93 Resp: 7337
 Ion Ratio Lower Upper
 93 100
 95 80.1 66.8 100.2
 174 94.2 76.2 114.4

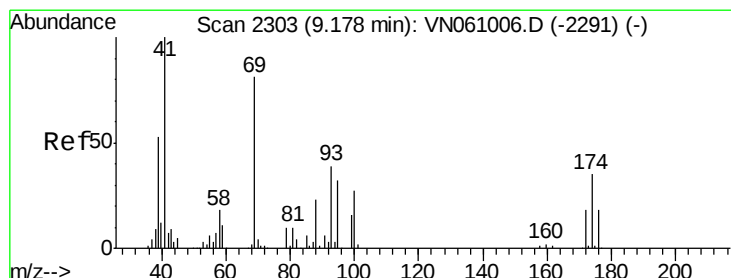
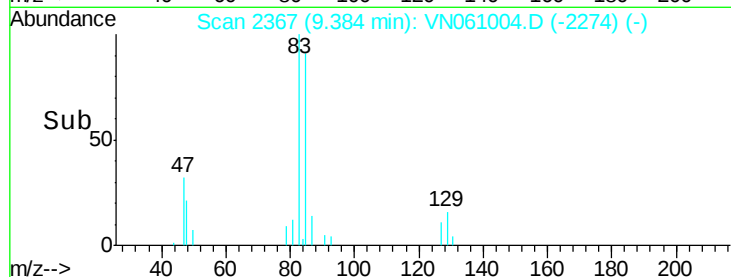
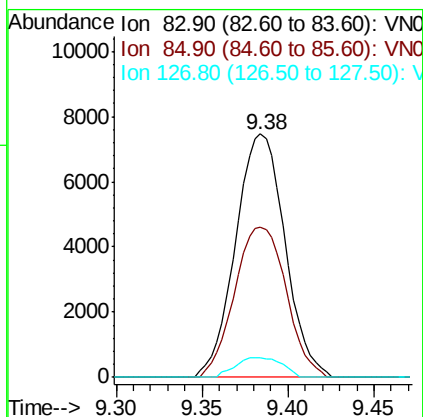
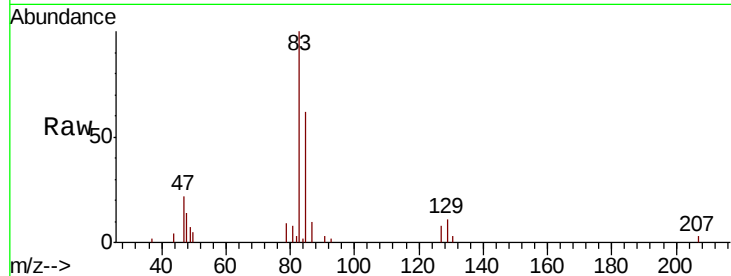




#47
 Bromodichloromethane
 Concen: 5.569 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

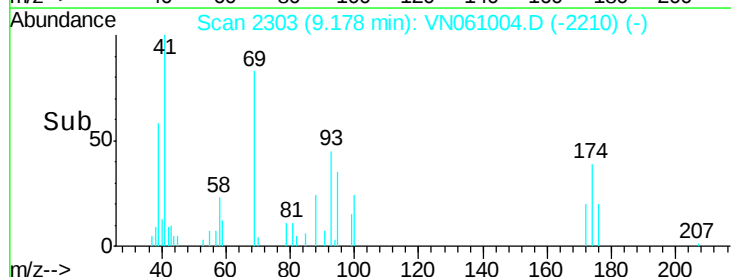
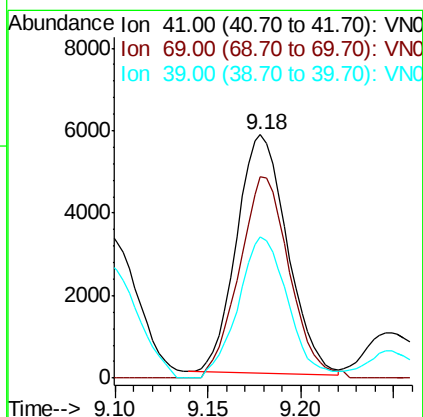
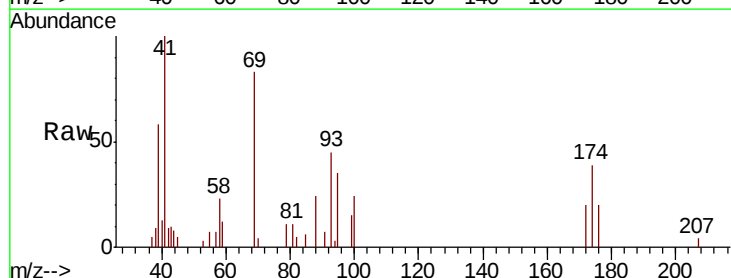
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 83 Resp: 14862
 Ion Ratio Lower Upper
 83 100
 85 61.8 50.6 76.0
 127 7.8 6.1 9.1



#48
 Methyl methacrylate
 Concen: 5.194 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 41 Resp: 11044
 Ion Ratio Lower Upper
 41 100
 69 83.4 65.3 97.9
 39 57.7 45.2 67.8



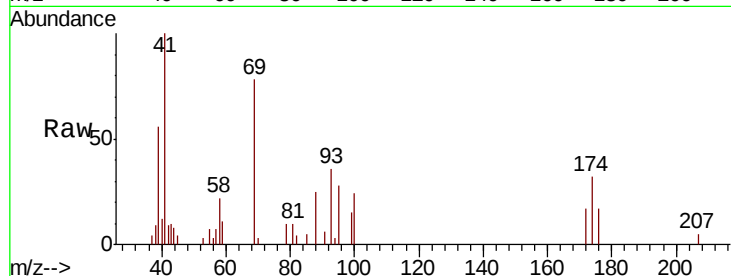


#49
 1,4-Dioxane
 Concen: 115.914 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

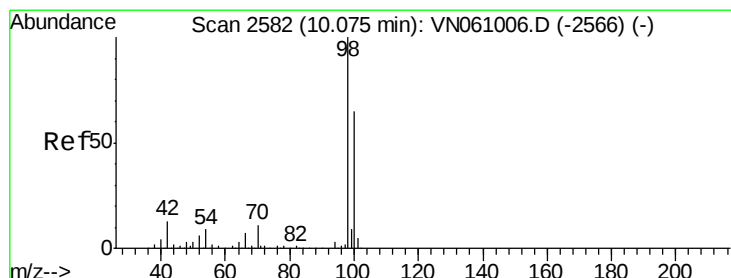
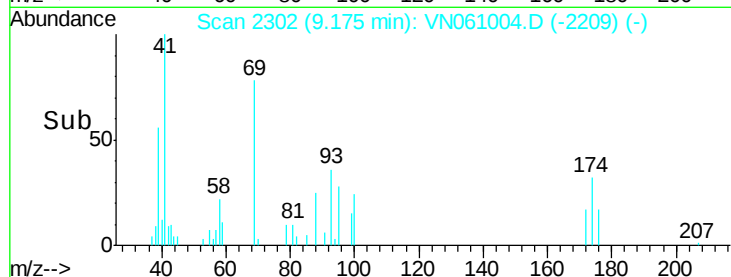
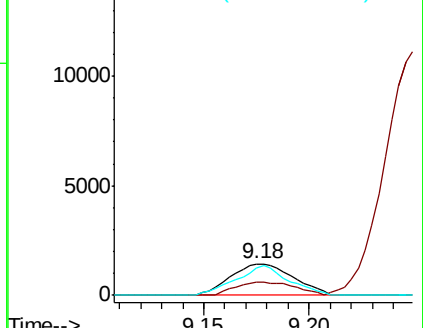
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion: 88 Resp: 2968

Ion	Ratio	Lower	Upper
88	100		
43	39.8	30.9	46.3
58	79.7	59.8	89.8



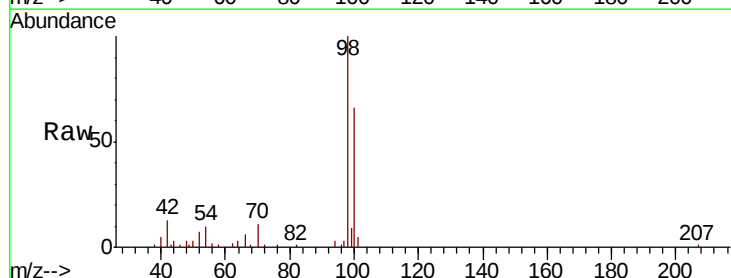
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



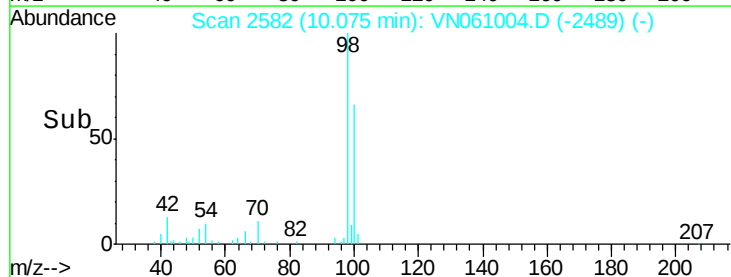
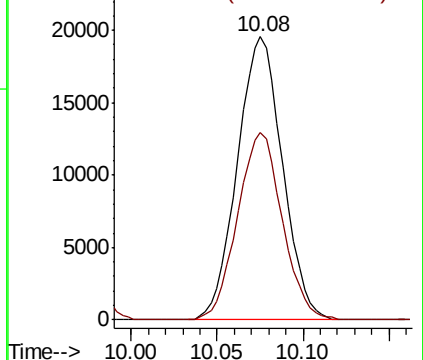
#50
 Toluene-d8
 Concen: 5.461 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

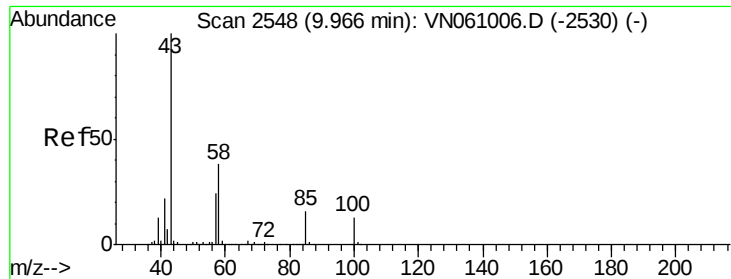
Tgt Ion: 98 Resp: 35560

Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

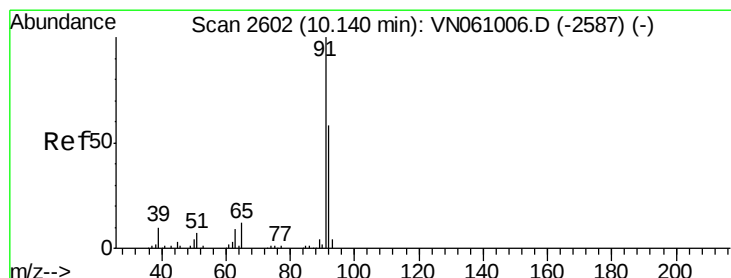
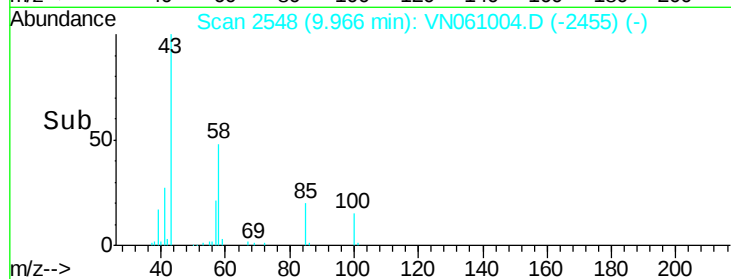
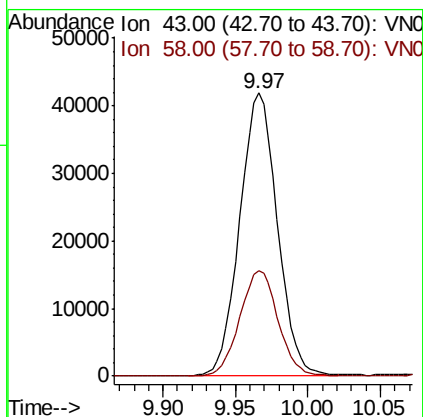
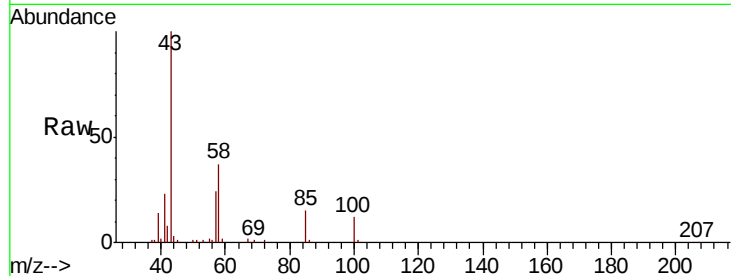




#51
 4-Methyl-2-Pentanone
 Concen: 27.902 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

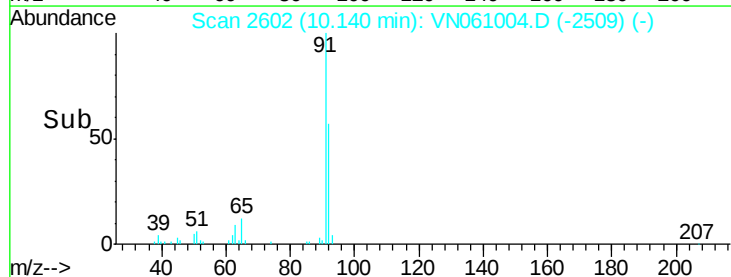
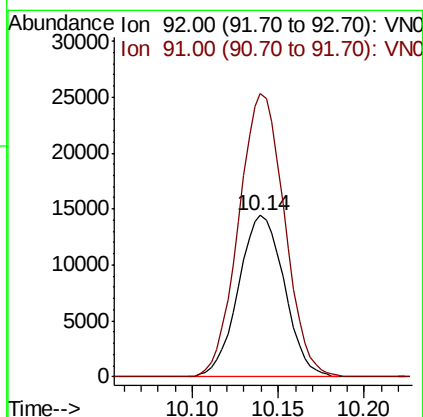
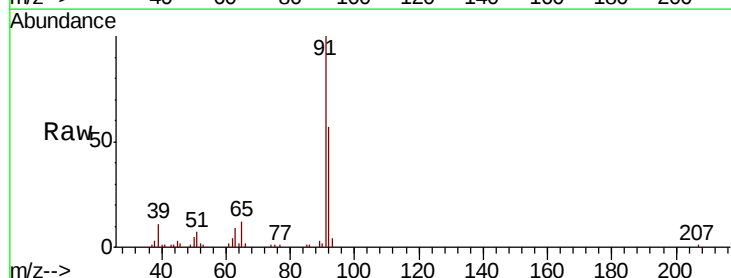
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

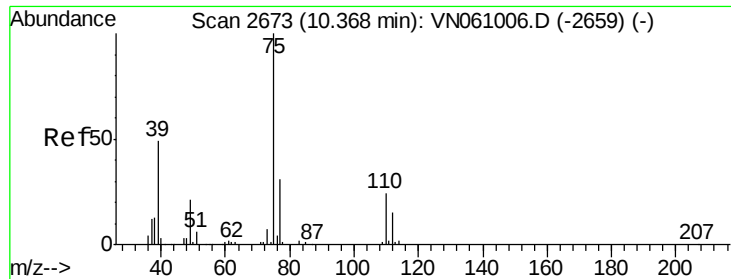
Tot Ion: 43 Resp: 75793
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.3 45.5



#52
 Toluene
 Concen: 5.522 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 92 Resp: 26804
 Ion Ratio Lower Upper
 92 100
 91 175.2 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 5.405 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

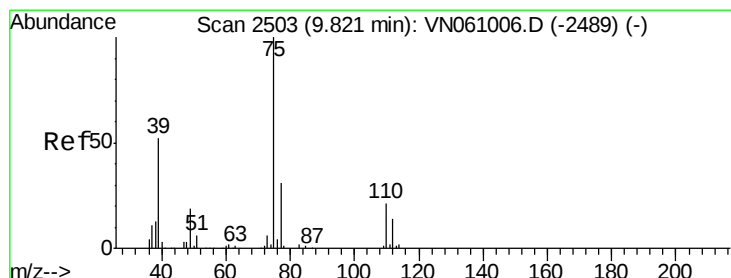
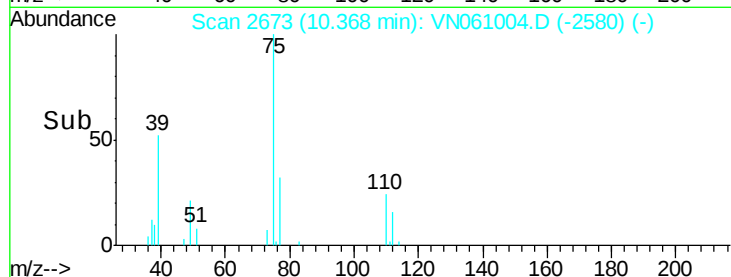
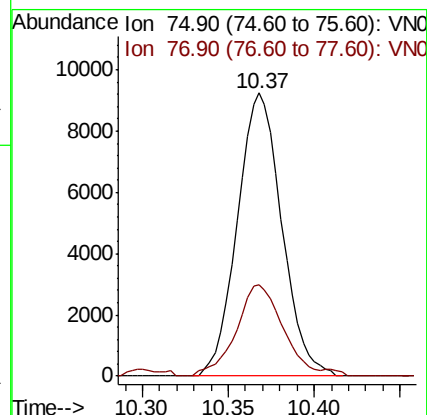
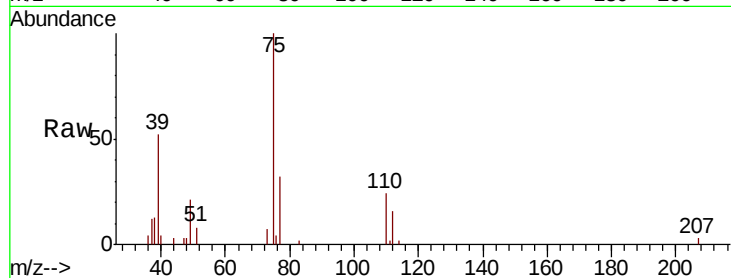
VSTDIC005

Tot Ion: 75 Resp: 16579

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 5.616 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

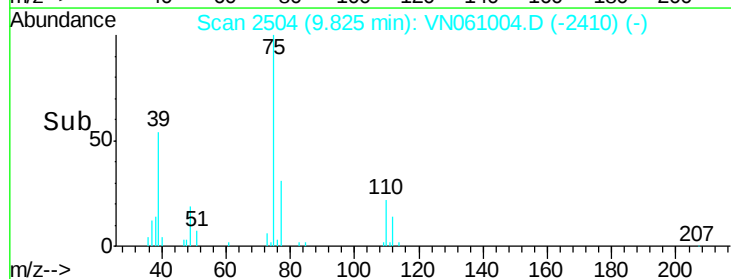
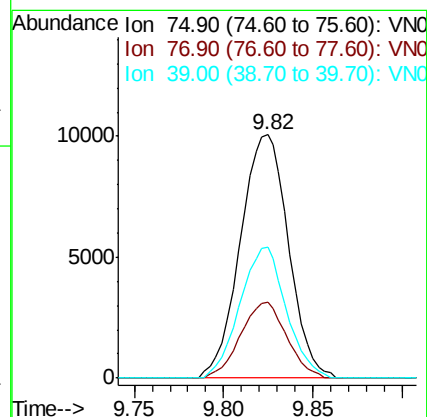
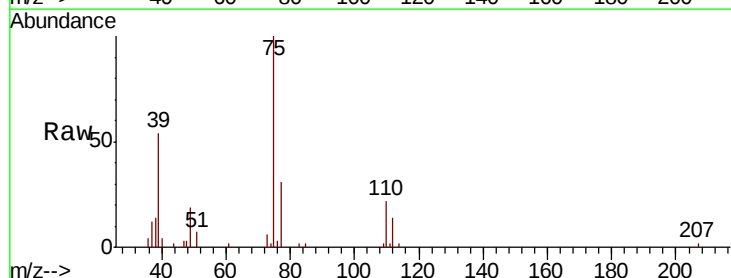
Tgt Ion: 75 Resp: 18943

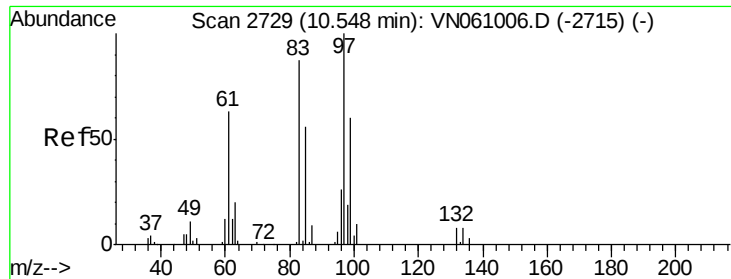
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 53.8 41.4 62.2

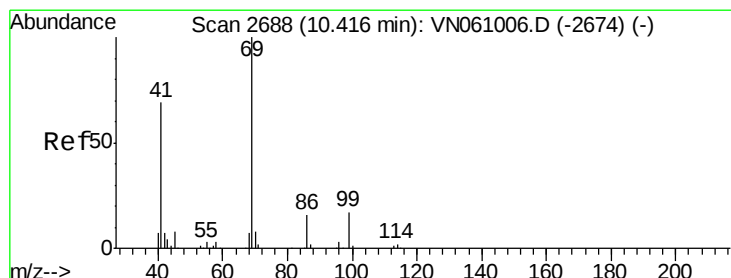
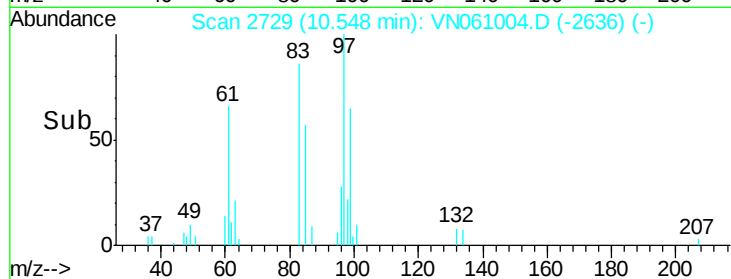
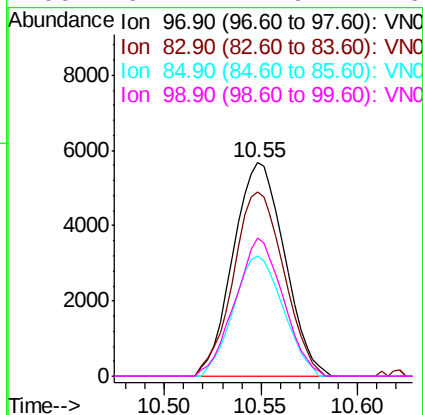
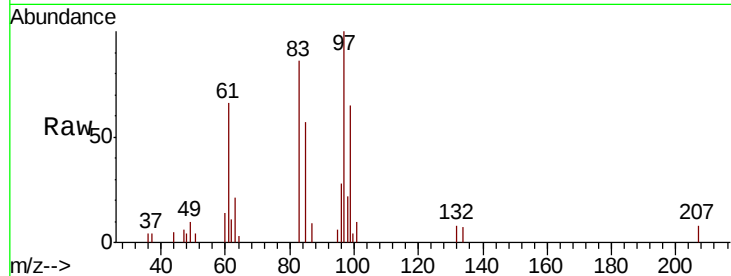




#55
 1,1,2-Trichloroethane
 Concen: 5.618 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

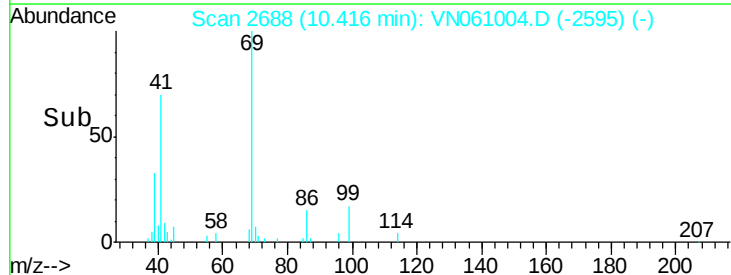
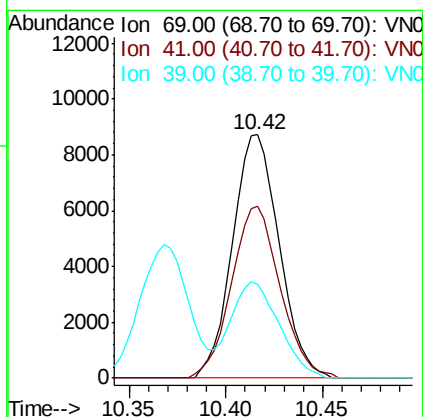
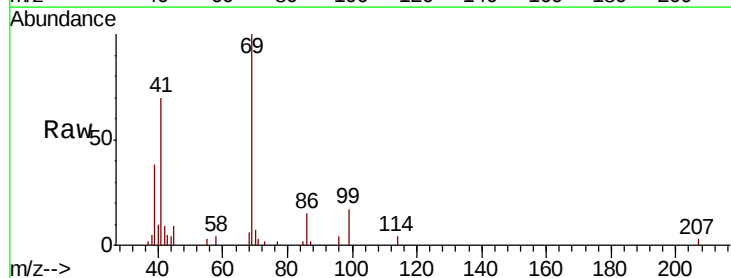
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

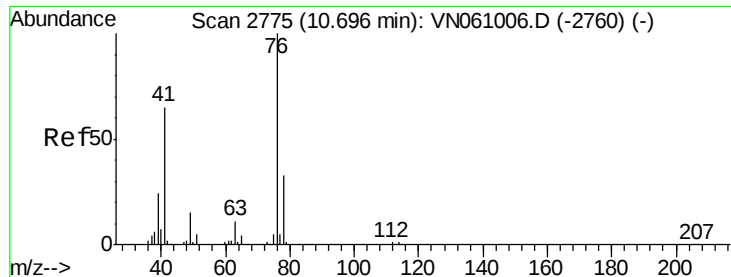
Tot Ion:	97	Resp:	10490
Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.5	104.3
85	56.6	45.0	67.4
99	64.7	47.9	71.9



#56
 Ethyl methacrylate
 Concen: 5.026 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion:	69	Resp:	14649
Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.7	85.1
39	40.8	29.4	44.0





#57

1,3-Dichloropropane

Concen: 5.593 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampled :

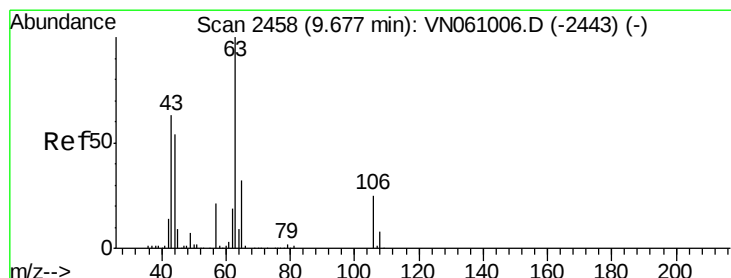
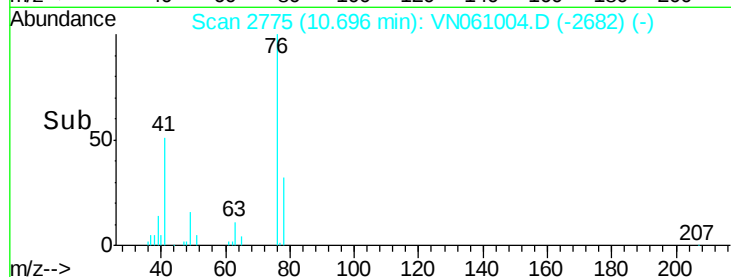
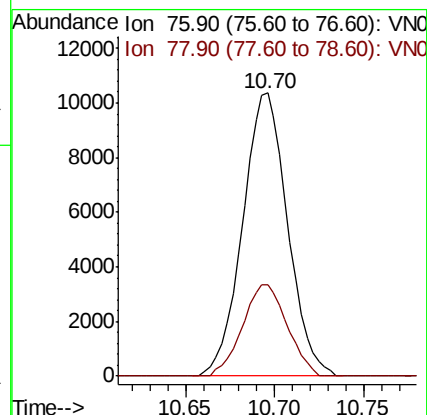
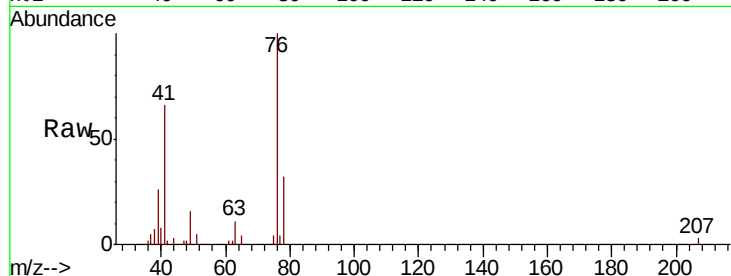
VSTDIC005

Tot Ion: 76 Resp: 18157

Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 25.397 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. 0.00 min

Lab File: VN061004.D

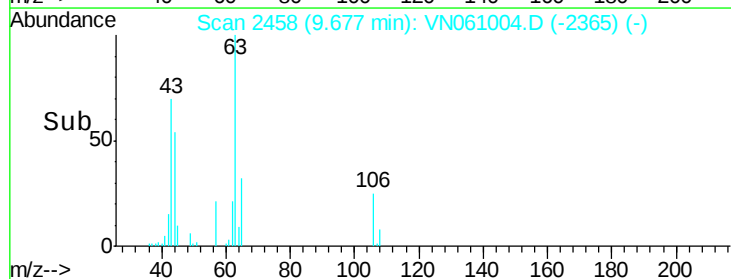
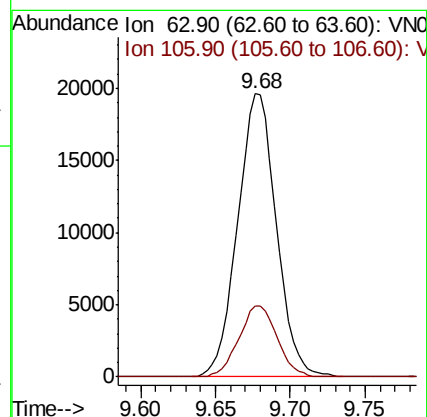
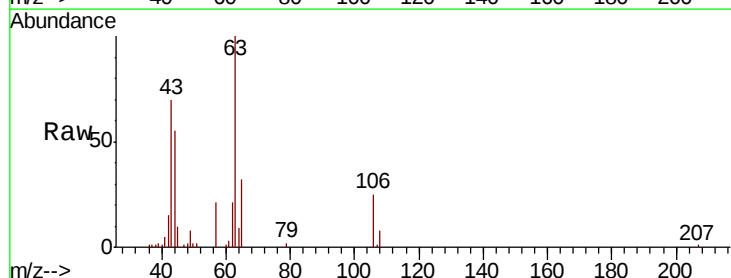
Acq: 16 Apr 2020 11:33

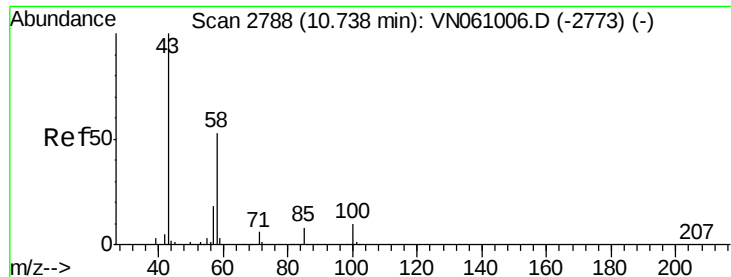
Tgt Ion: 63 Resp: 35313

Ion Ratio Lower Upper

63 100

106 24.9 19.5 29.3

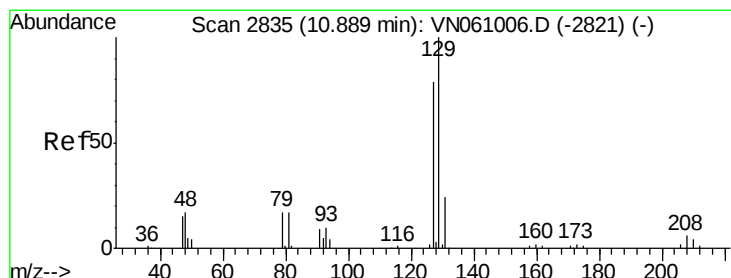
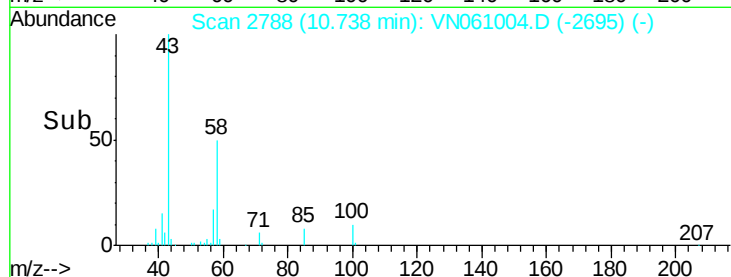
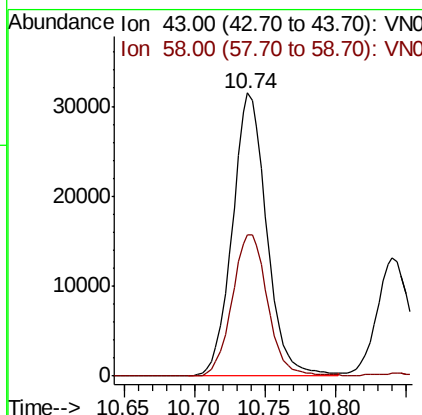
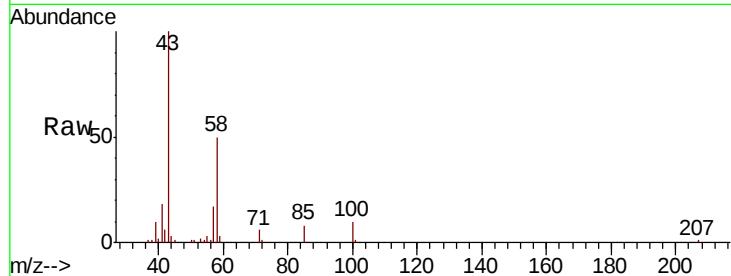




#59
2-Hexanone
Concen: 27.421 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

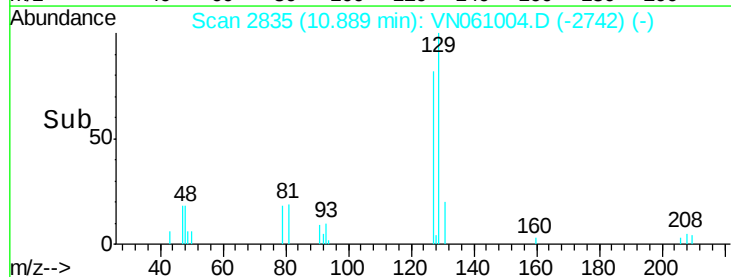
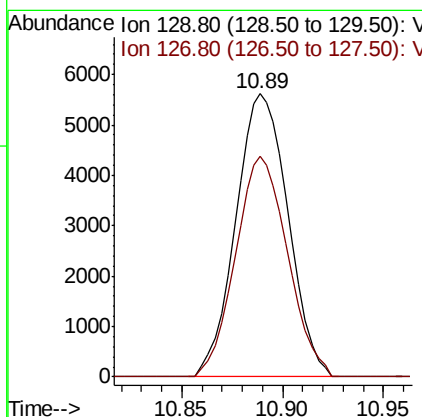
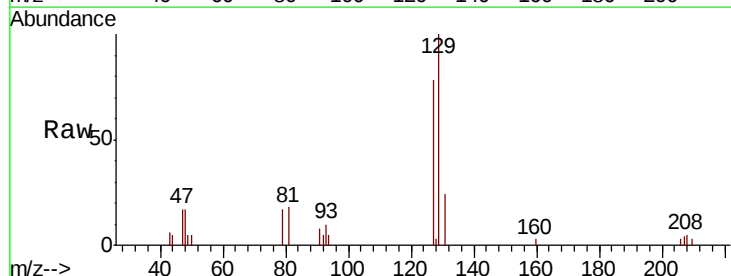
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

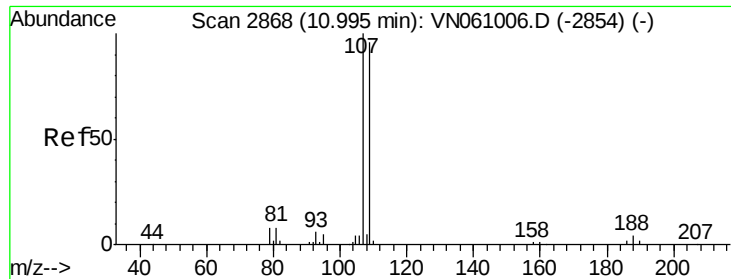
Tot Ion: 43 Resp: 53637
Ion Ratio Lower Upper
43 100
58 51.4 26.4 79.0



#60
Dibromochloromethane
Concen: 5.287 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 129 Resp: 10162
Ion Ratio Lower Upper
129 100
127 77.7 39.0 116.9

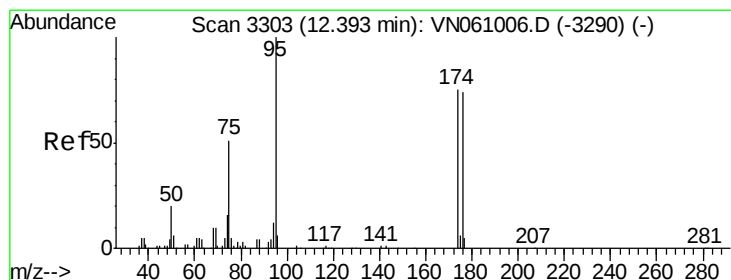
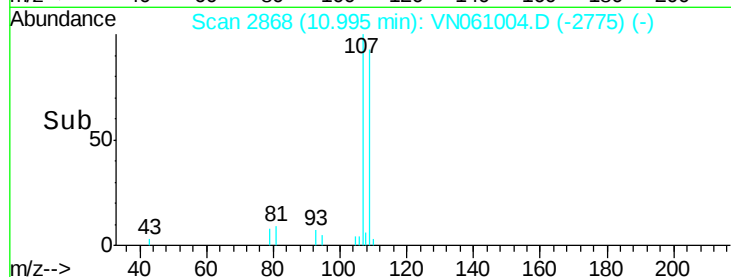
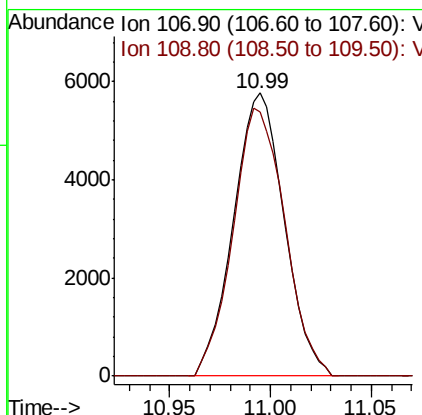
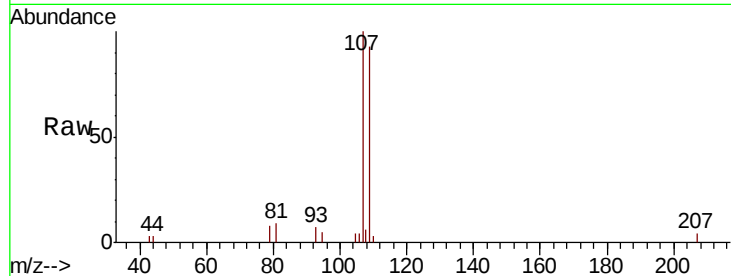




#61
 1,2-Dibromoethane
 Concen: 5.430 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

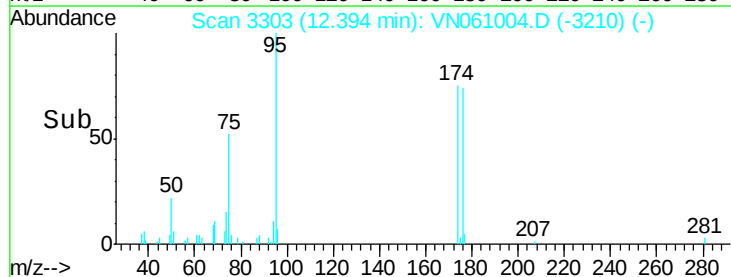
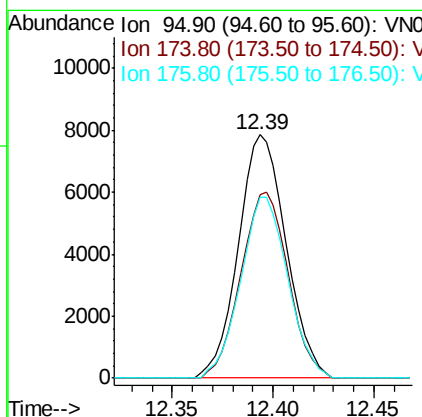
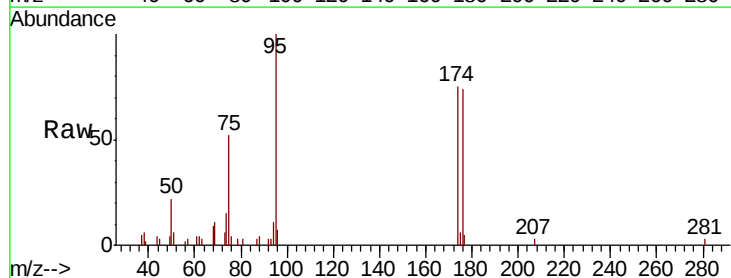
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

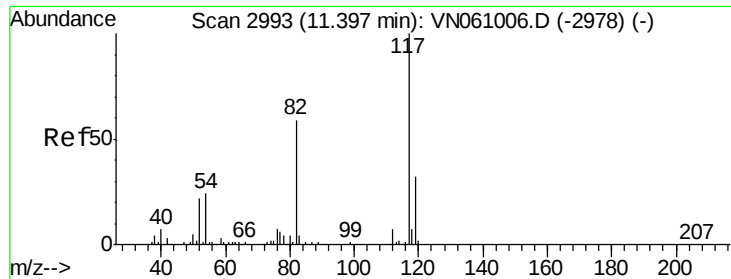
Tot Ion:107 Resp: 10161
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 5.375 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 95 Resp: 13036
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 151.2
 176 73.5 0.0 148.2

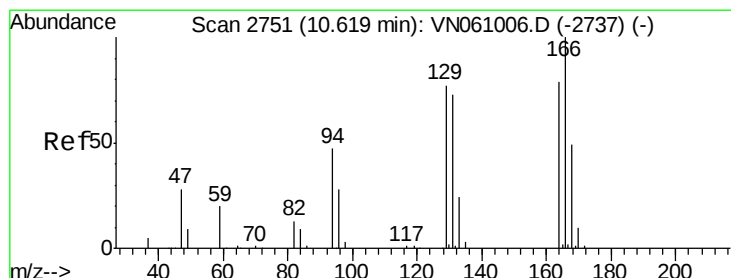
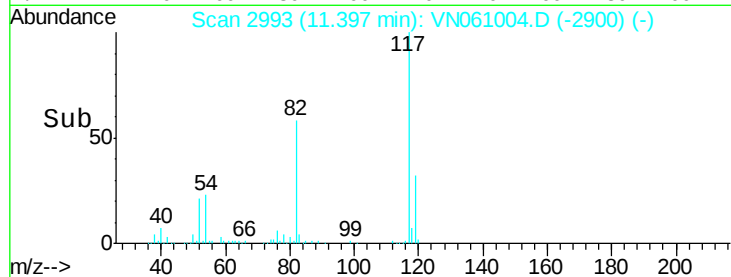
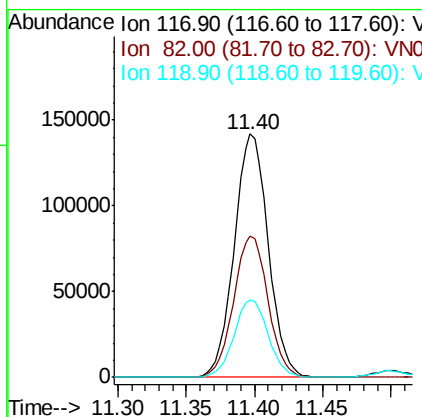
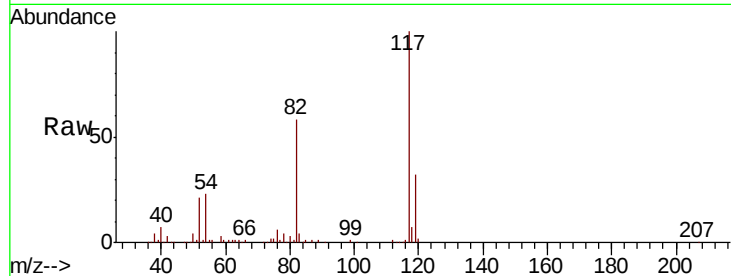




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

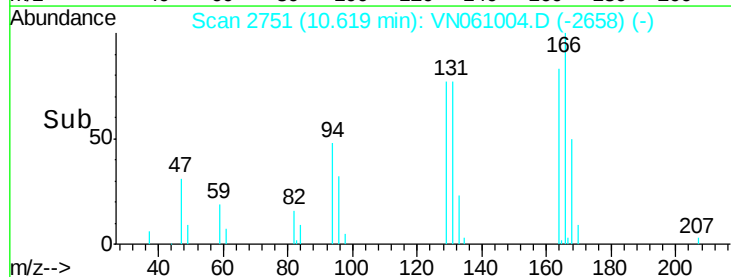
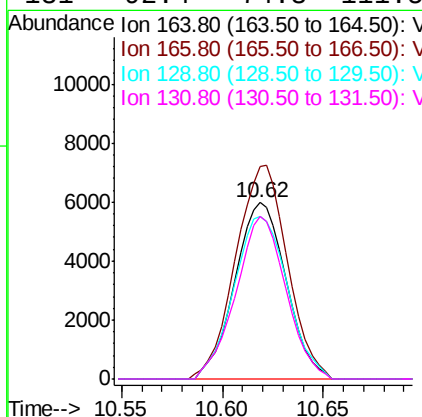
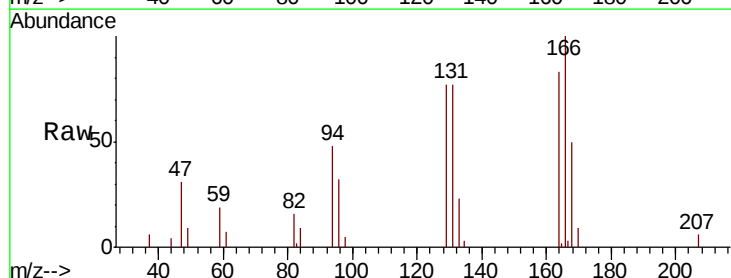
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

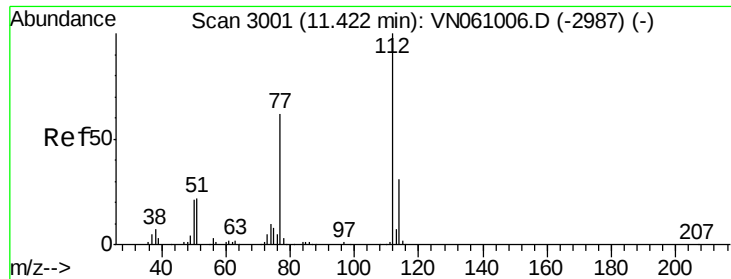
Tot Ion:117 Resp: 245066
Ion Ratio Lower Upper
117 100
82 58.1 47.1 70.7
119 32.0 25.7 38.5



#64
Tetrachloroethene
Concen: 5.553 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion:164 Resp: 10654
Ion Ratio Lower Upper
164 100
166 120.5 101.6 152.4
129 92.6 78.5 117.7
131 92.4 74.3 111.5

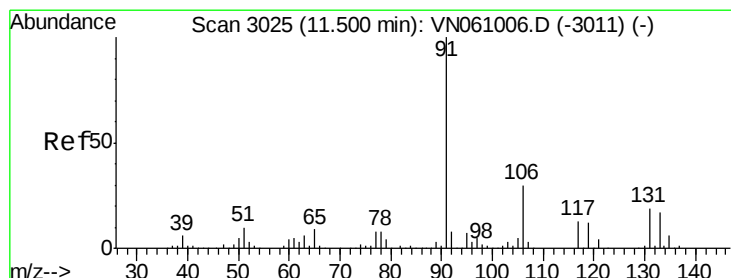
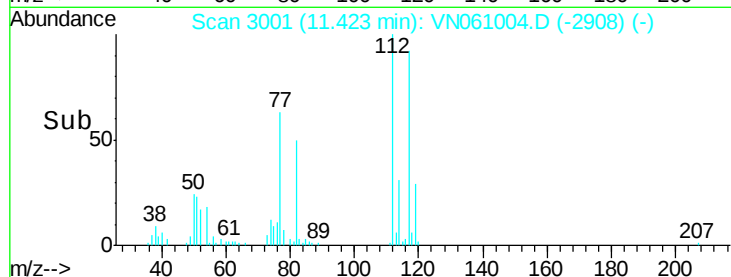
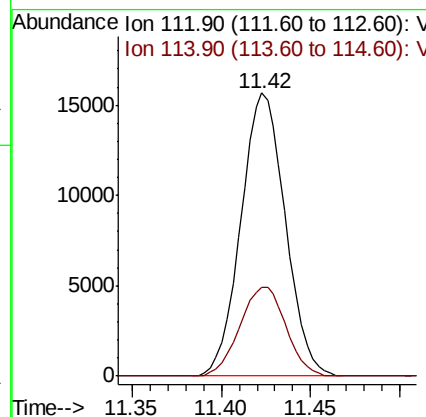
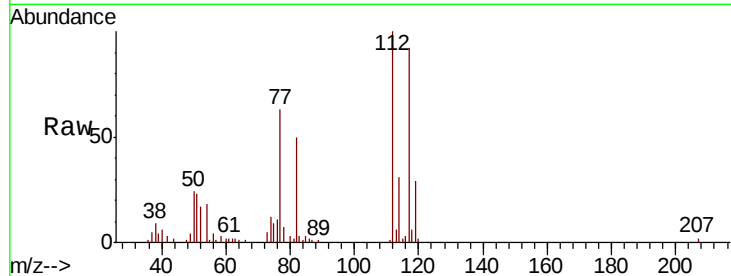




#65
Chlorobenzene
Concen: 5.573 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

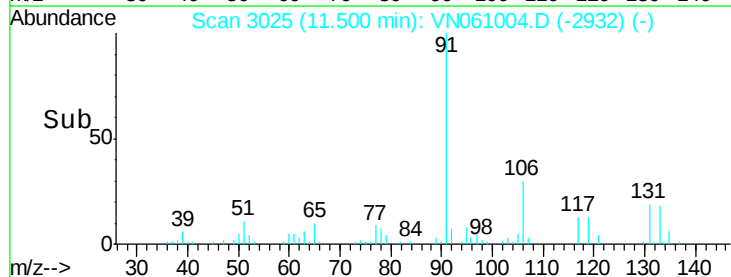
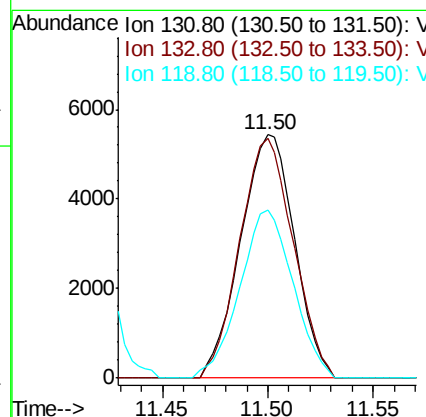
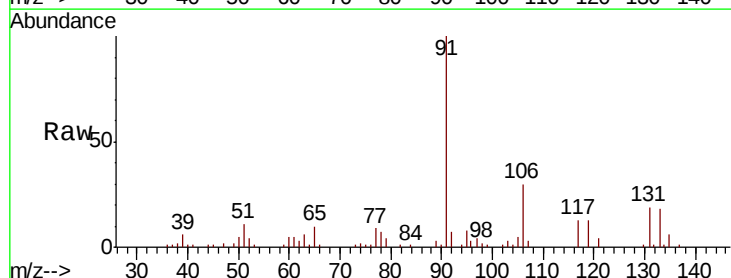
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

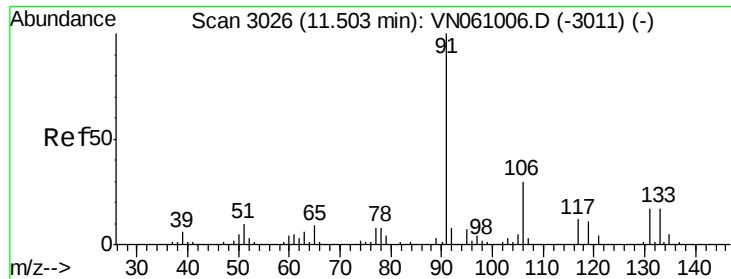
Tot Ion:112 Resp: 27232
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.466 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion:131 Resp: 9656
Ion Ratio Lower Upper
131 100
133 97.7 47.9 143.8
119 68.2 33.3 99.8

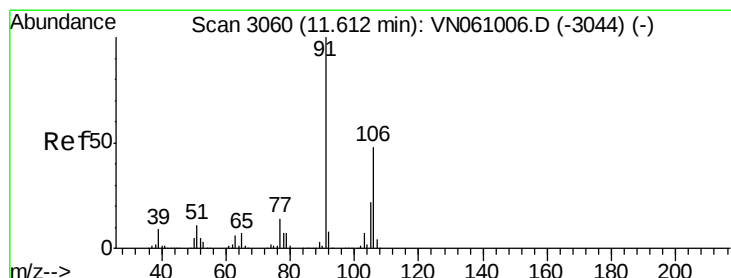
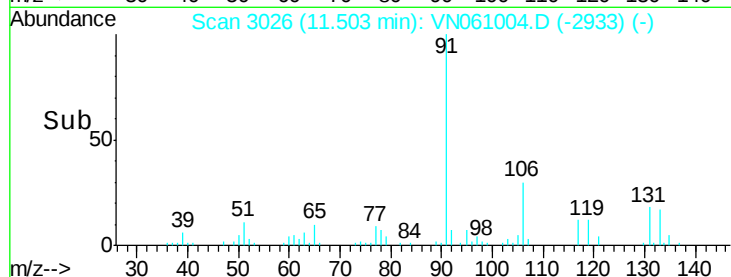
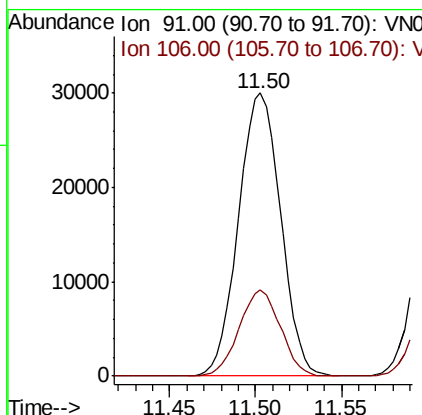
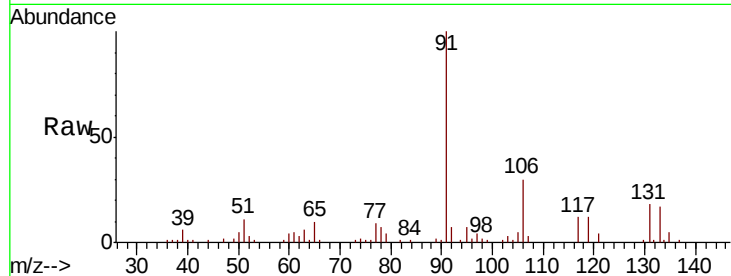




#67
Ethyl Benzene
Concen: 5.625 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

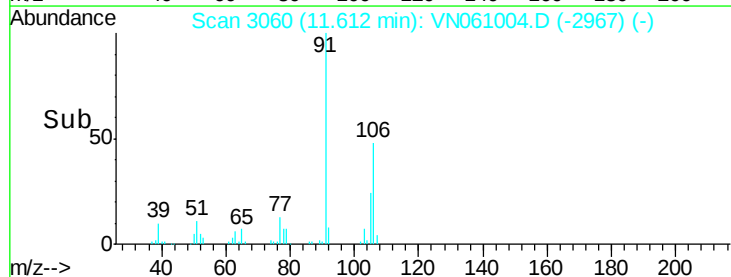
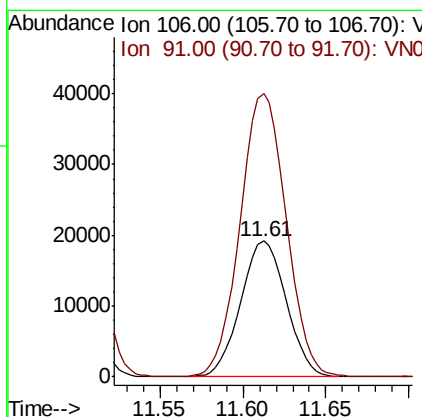
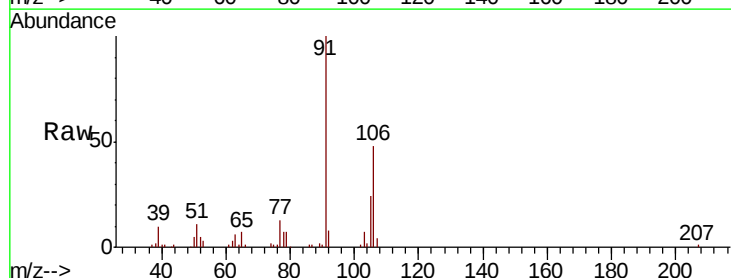
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

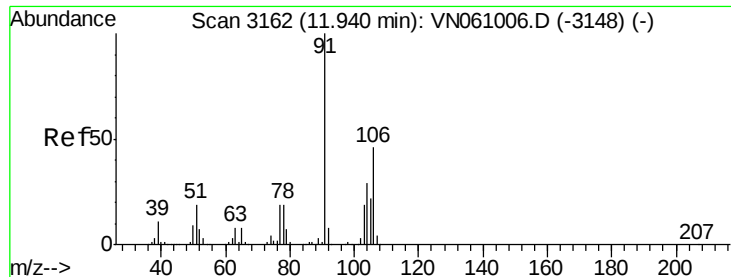
Tot Ion: 91 Resp: 51122
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8



#68
m/p-Xylenes
Concen: 10.944 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 106 Resp: 36811
Ion Ratio Lower Upper
106 100
91 210.9 167.9 251.9

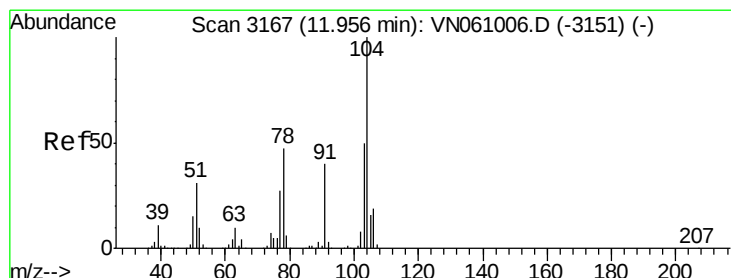
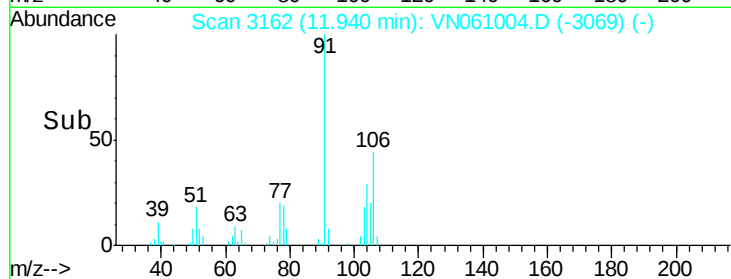
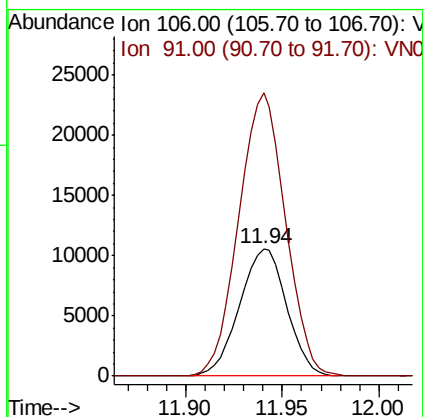
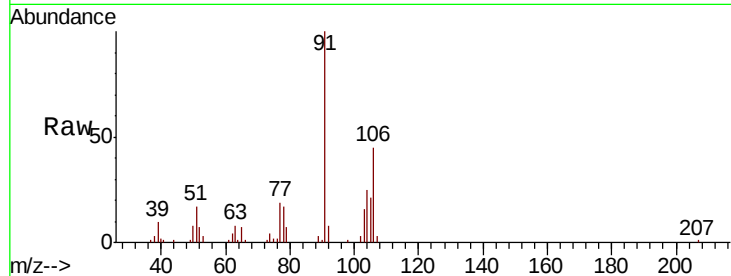




#69
o-Xylene
Concen: 5.578 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

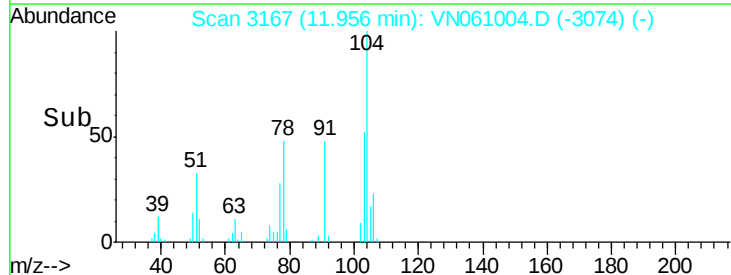
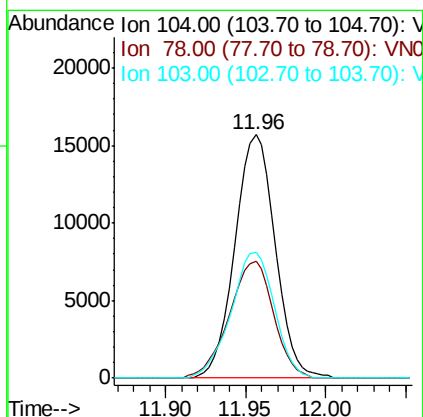
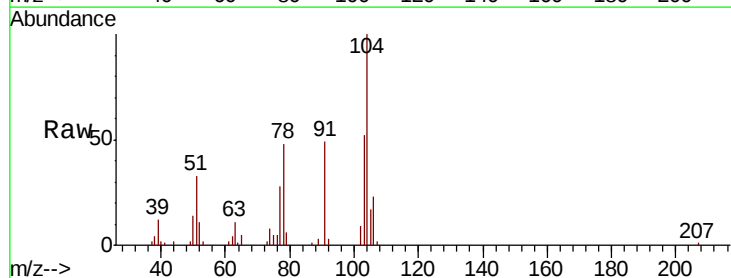
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

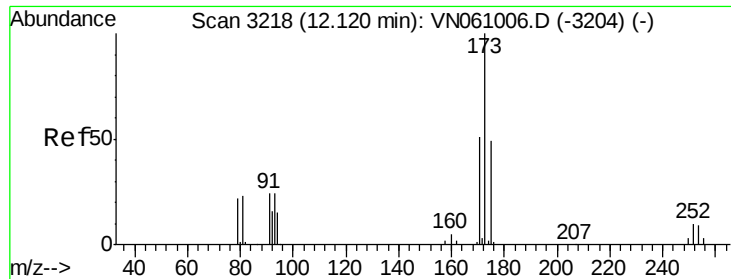
Tot Ion:106 Resp: 17907
Ion Ratio Lower Upper
106 100
91 220.5 110.7 332.1



#70
Styrene
Concen: 5.117 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion:104 Resp: 26892
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 55.8 44.4 66.6





#71

Bromoform

Concen: 5.095 ug/l

RT: 12.12 min Scan# 3217

Delta R.T. -0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

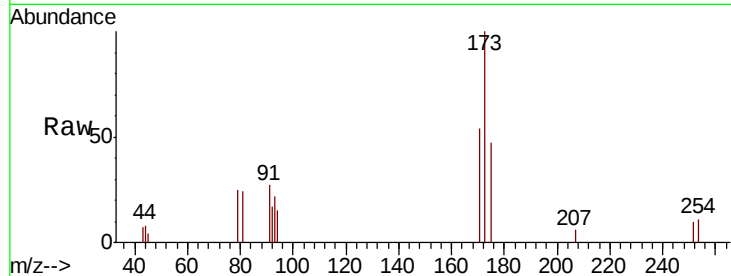
Tot Ion:173 Resp: 6708

Ion Ratio Lower Upper

173 100

175 48.3 24.5 73.5

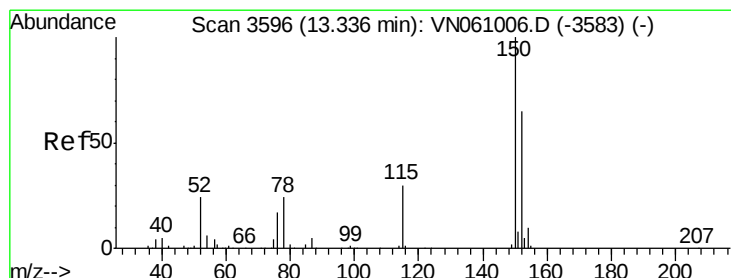
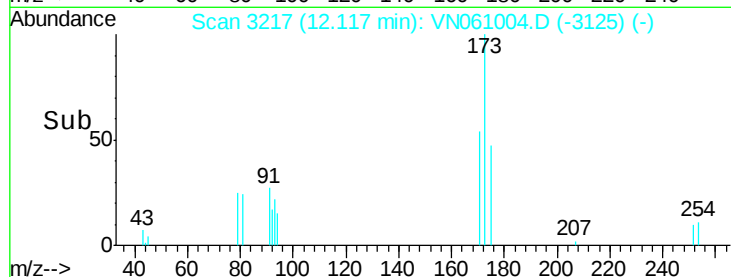
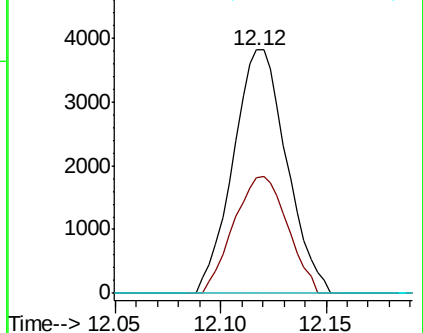
254 0.0 0.0 0.0



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: 50.000 ug/l

RT: 13.34 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

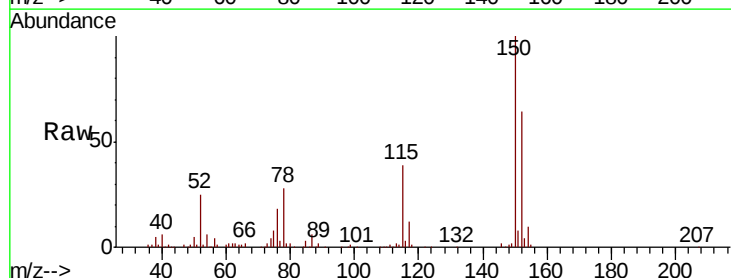
Tgt Ion:152 Resp: 107183

Ion Ratio Lower Upper

152 100

115 60.6 30.8 92.4

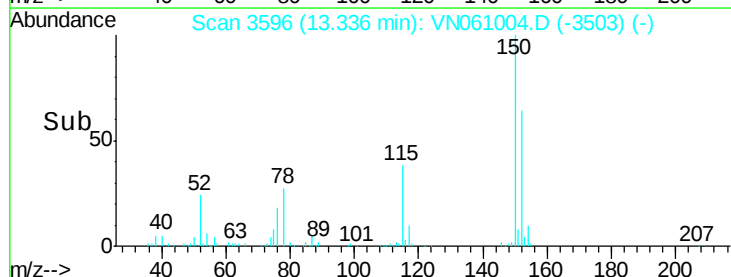
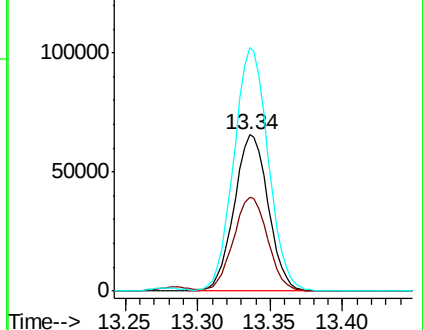
150 158.0 0.0 349.0

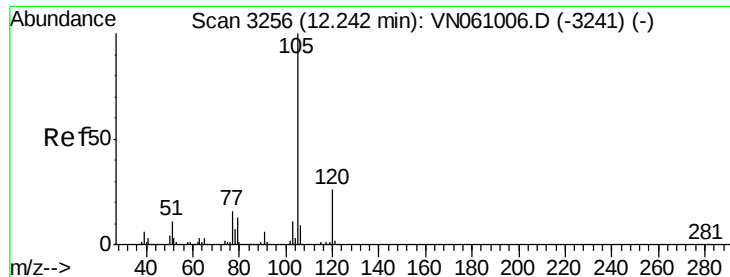


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.936 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

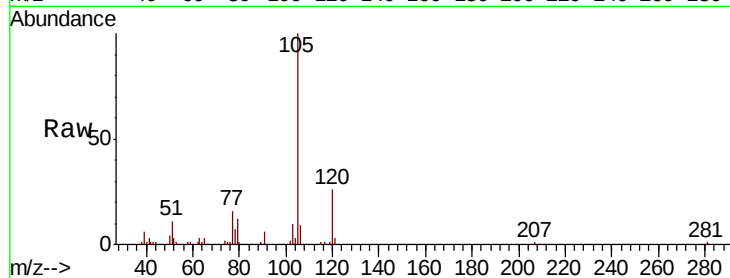
VSTDIC005

Tot Ion:105 Resp: 48019

Ion Ratio Lower Upper

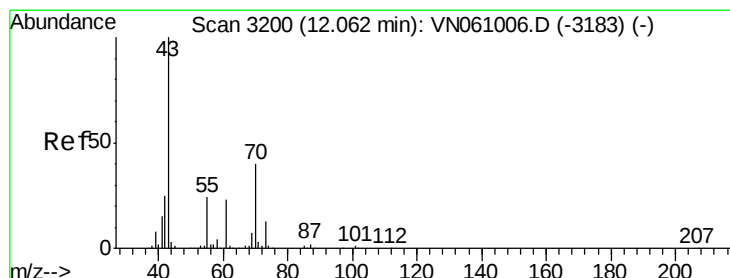
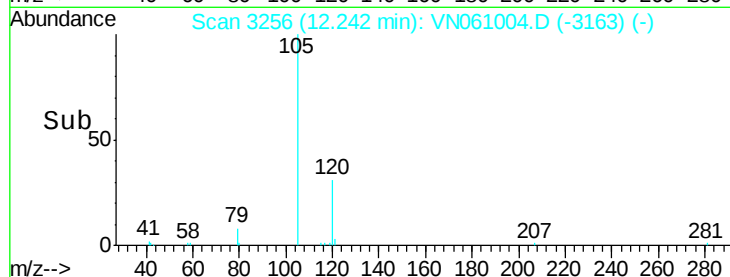
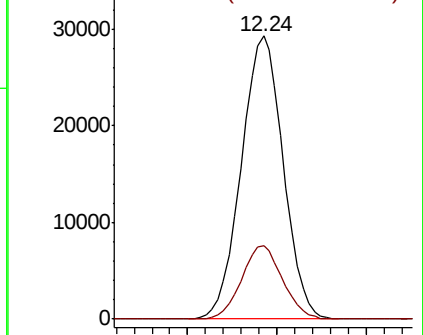
105 100

120 25.3 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: 5.559 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Tgt Ion: 43 Resp: 20867

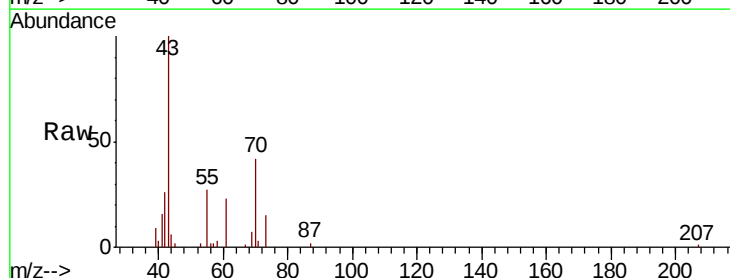
Ion Ratio Lower Upper

43 100

70 38.4 31.0 46.6

55 23.8 18.6 27.8

61 21.4 18.2 27.4

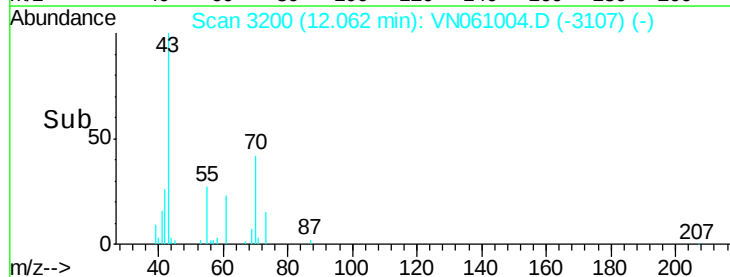
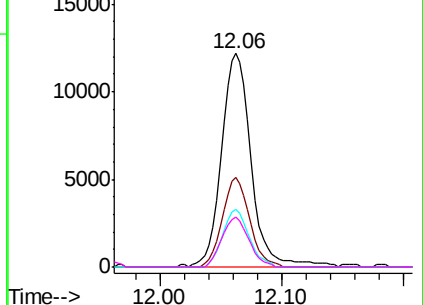


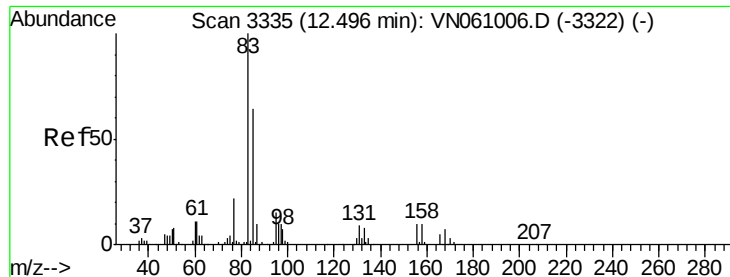
Abundance Ion 43.00 (42.70 to 43.70): V

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: 5.842 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

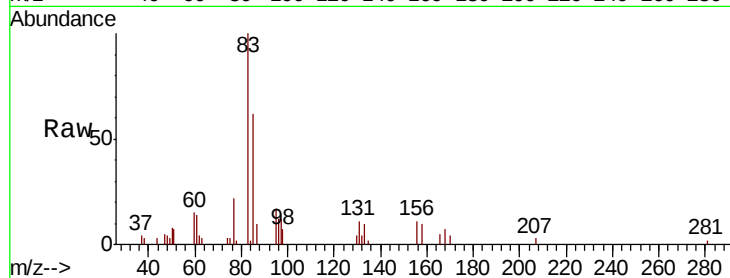
Tot Ion: 83 Resp: 14366

Ion Ratio Lower Upper

83 100

131 9.3 4.8 14.3

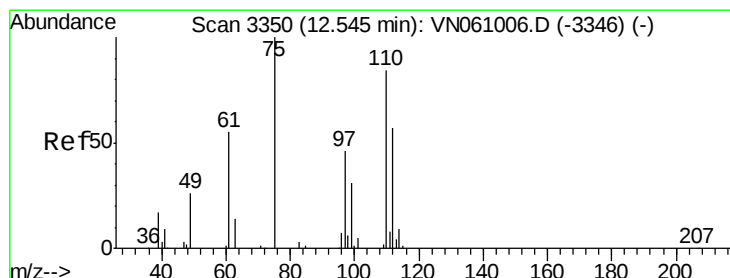
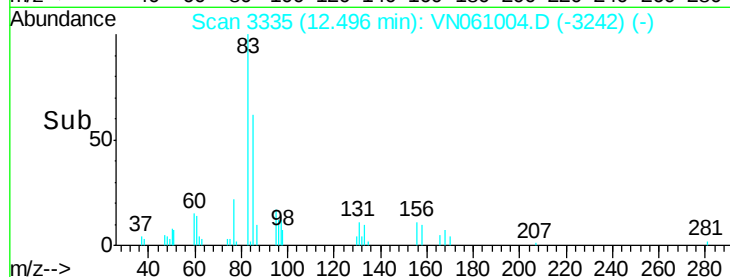
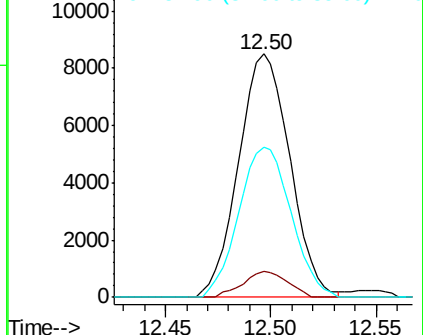
85 63.0 32.3 96.8



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: 8.517 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061004.D

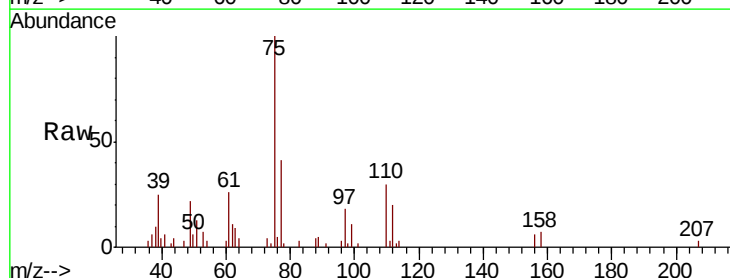
Acq: 16 Apr 2020 11:33

Tgt Ion: 75 Resp: 19770

Ion Ratio Lower Upper

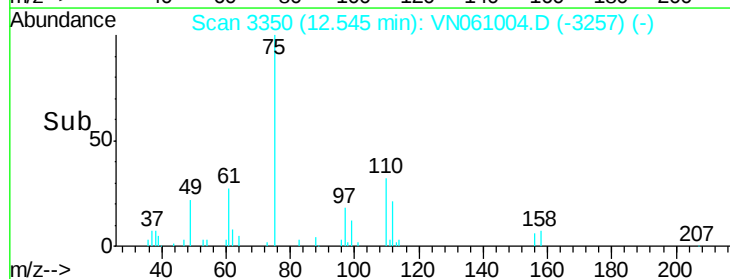
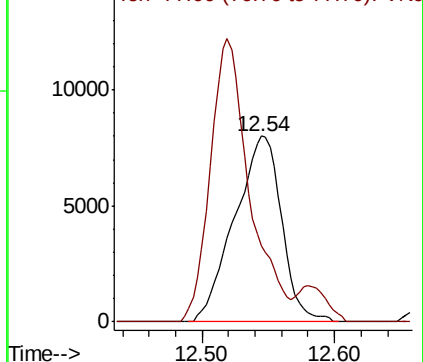
75 100

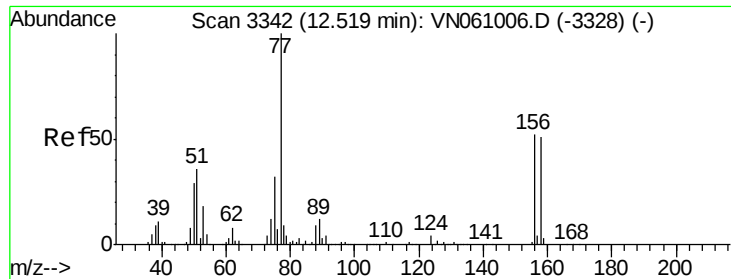
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.659 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061004.D

Acq: 16 Apr 2020 11:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

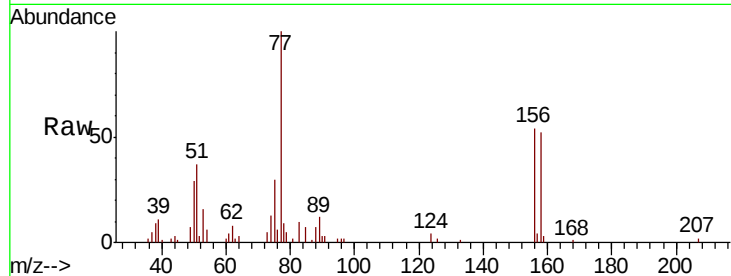
Tot Ion:156 Resp: 10989

Ion Ratio Lower Upper

156 100

77 228.3 115.6 346.8

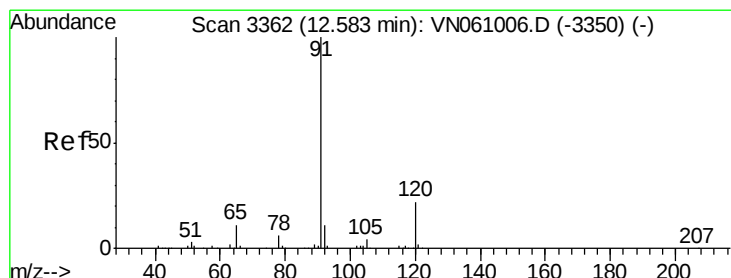
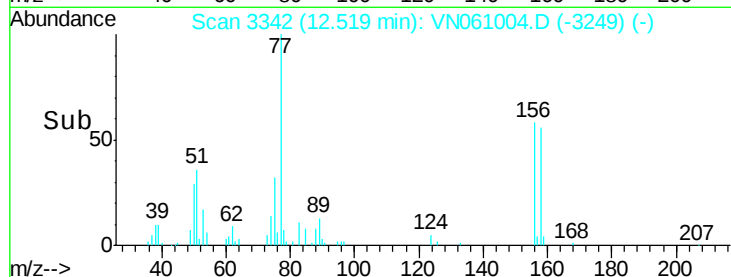
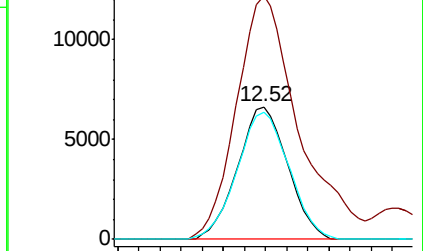
158 99.4 48.9 146.6



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: 5.814 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061004.D

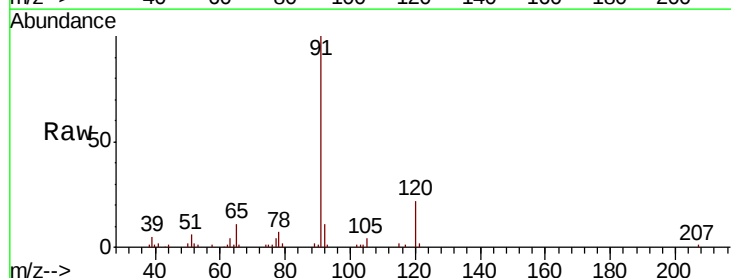
Acq: 16 Apr 2020 11:33

Tgt Ion: 91 Resp: 55751

Ion Ratio Lower Upper

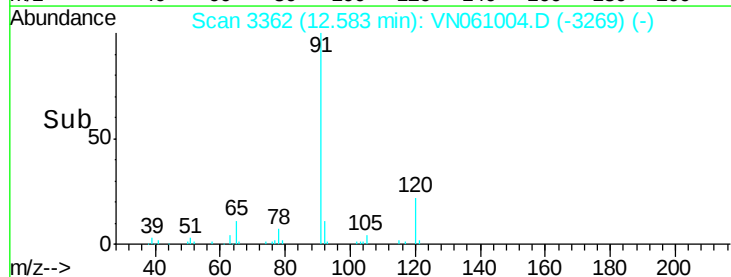
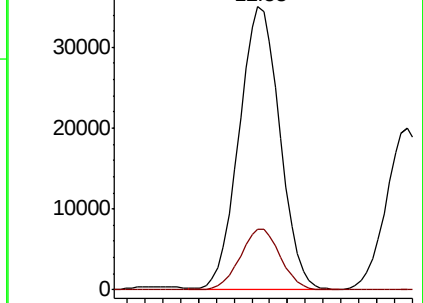
91 100

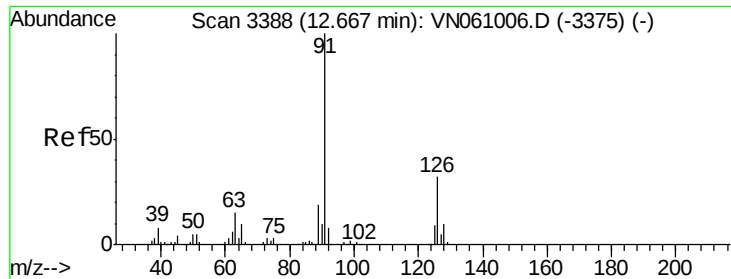
120 21.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

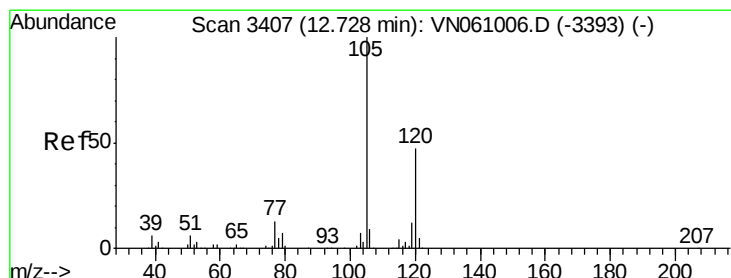
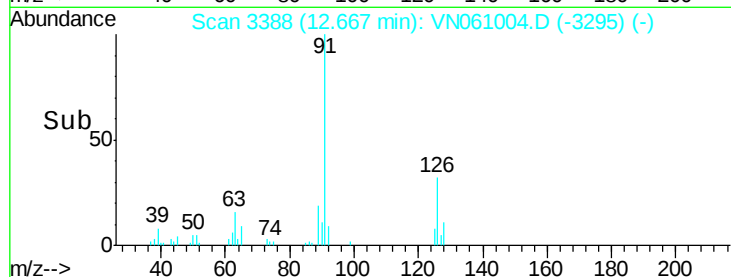
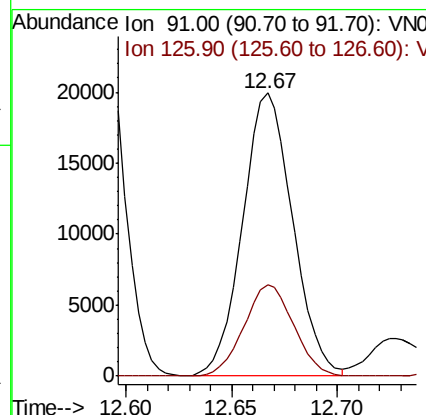
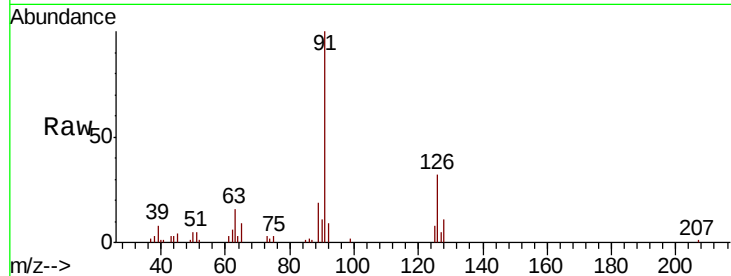




#79
 2-Chlorotoluene
 Concen: 5.780 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

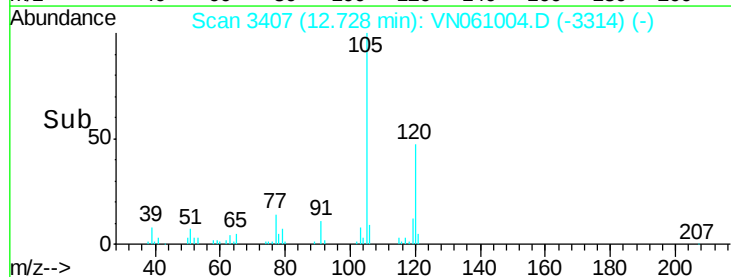
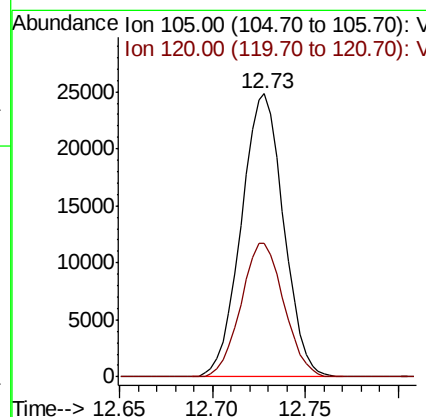
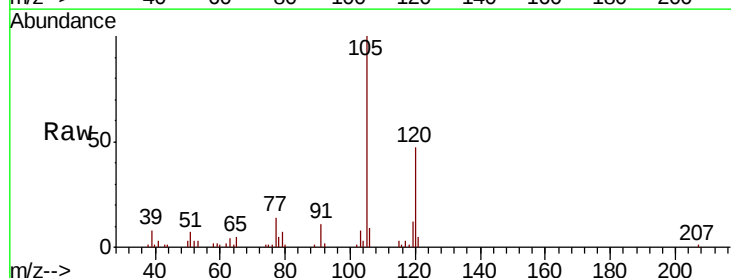
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

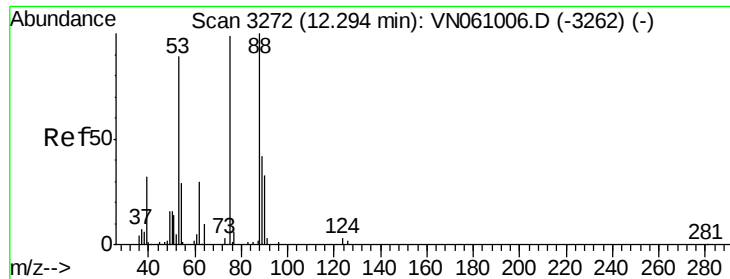
Tot Ion: 91 Resp: 32983
 Ion Ratio Lower Upper
 91 100
 126 31.8 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 5.699 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 105 Resp: 39154
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.6 70.8

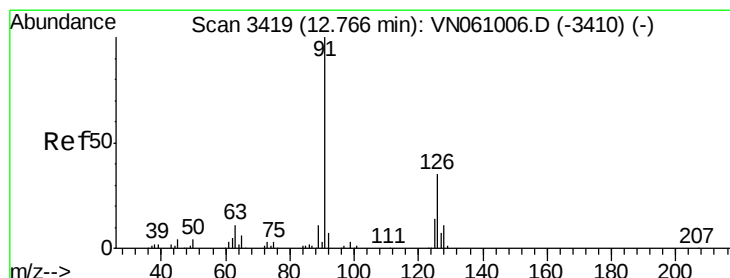
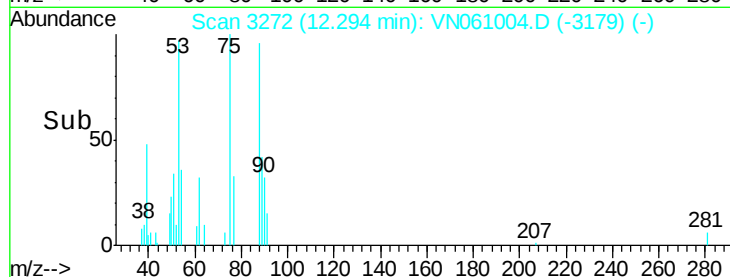
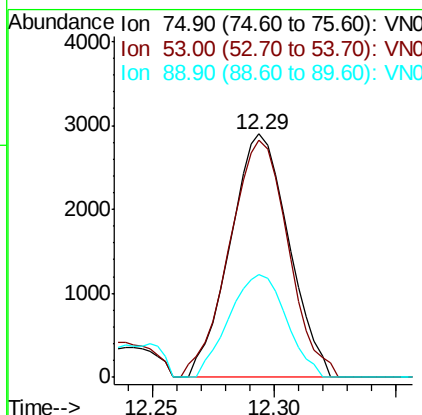
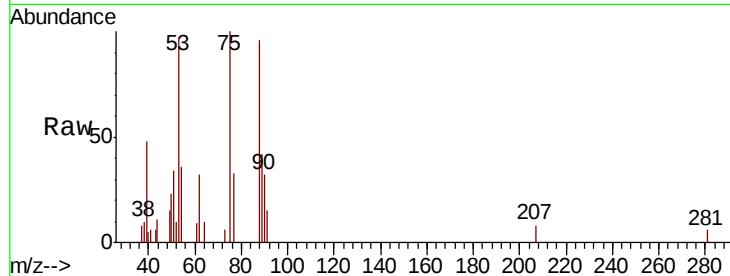




#81
trans-1,4-Dichloro-2-butene
Concen: 5.304 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

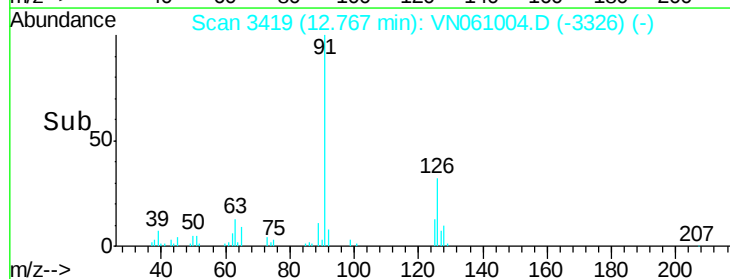
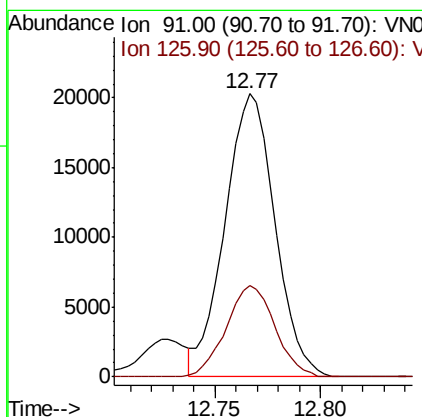
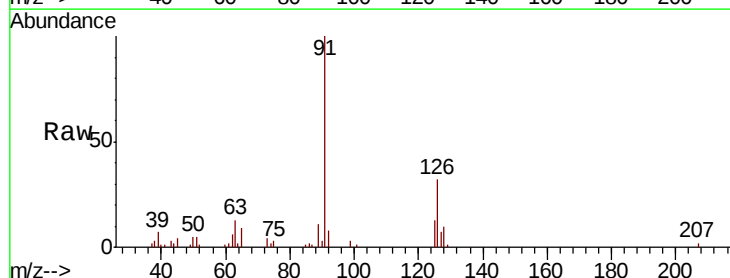
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

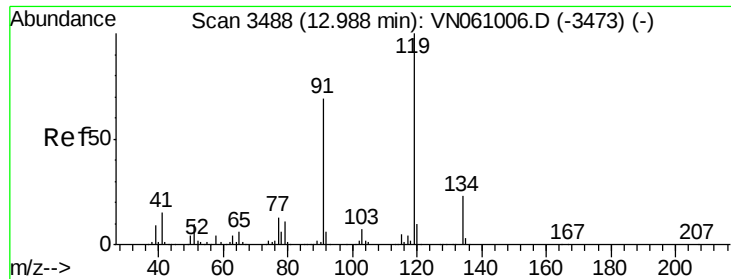
Tot Ion: 75 Resp: 4819
Ion Ratio Lower Upper
75 100
53 97.9 74.7 112.1
89 41.5 34.6 52.0



#82
4-Chlorotoluene
Concen: 5.736 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 91 Resp: 33416
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.6

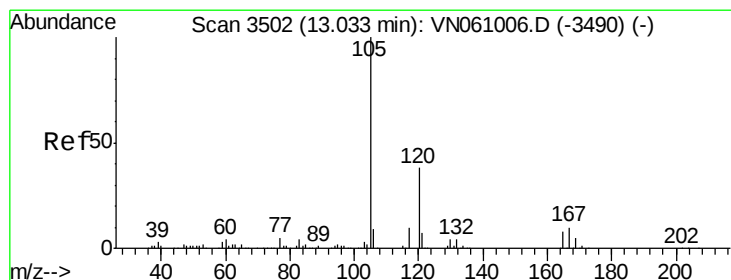
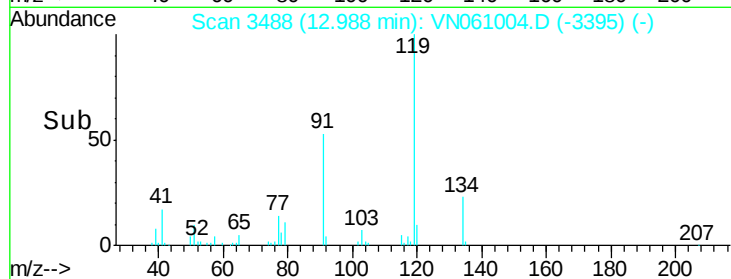
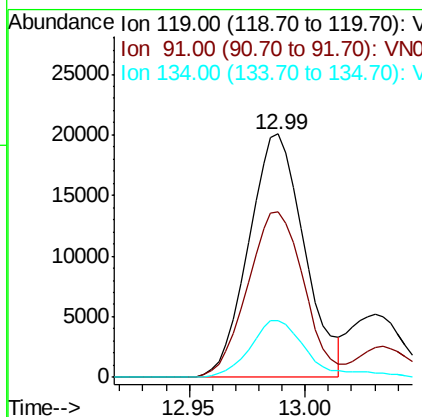
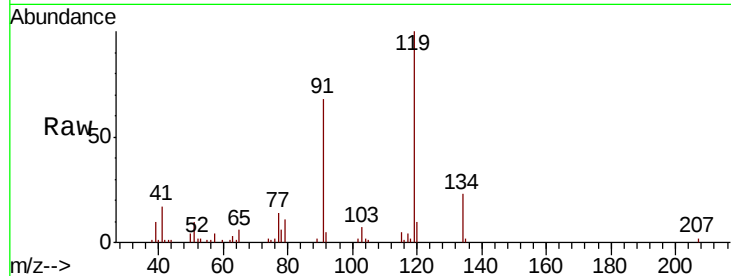




#83
tert-Butylbenzene
Concen: 5.861 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

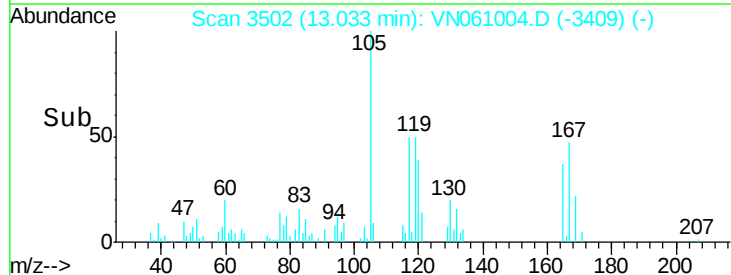
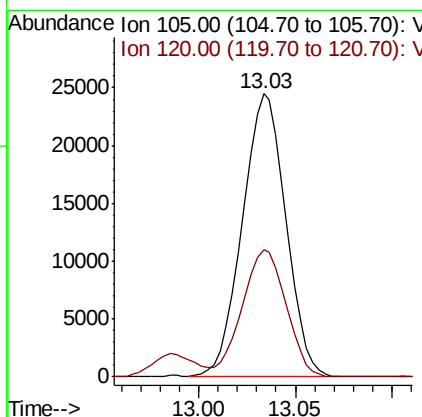
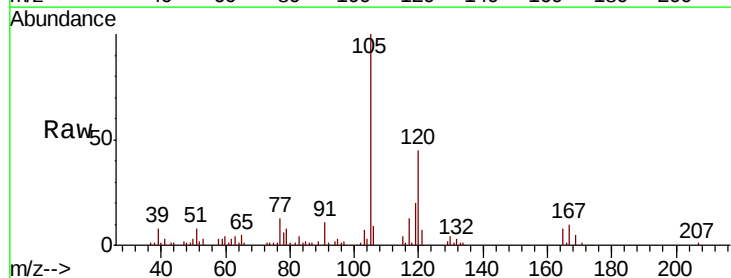
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

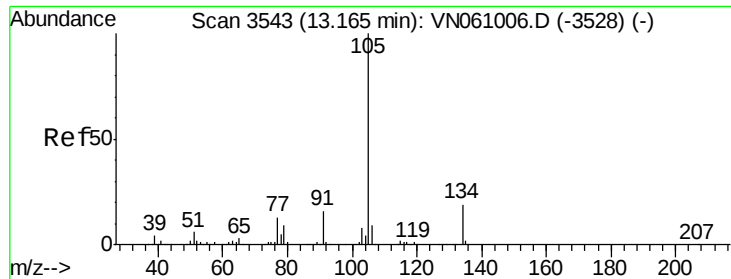
Tot Ion:119 Resp: 33387
Ion Ratio Lower Upper
119 100
91 69.1 34.1 102.3
134 24.2 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 5.646 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion:105 Resp: 38344
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.5

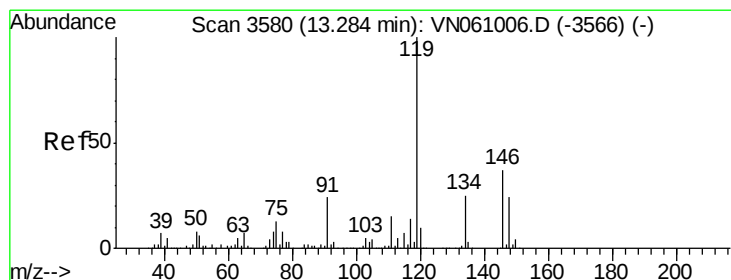
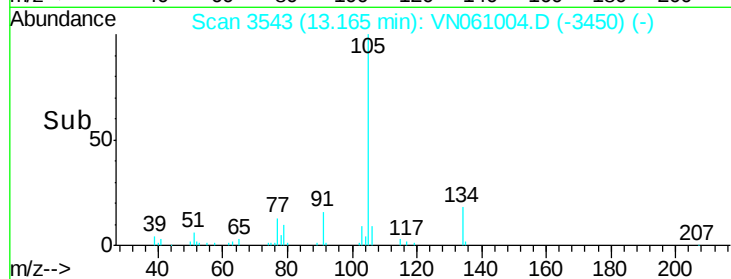
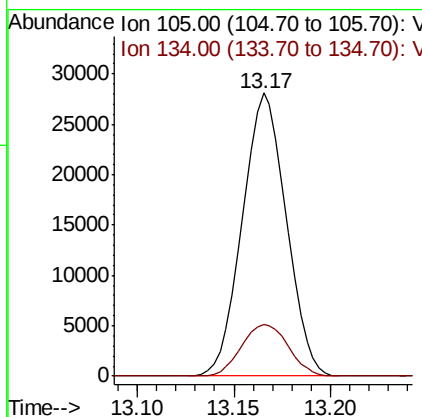
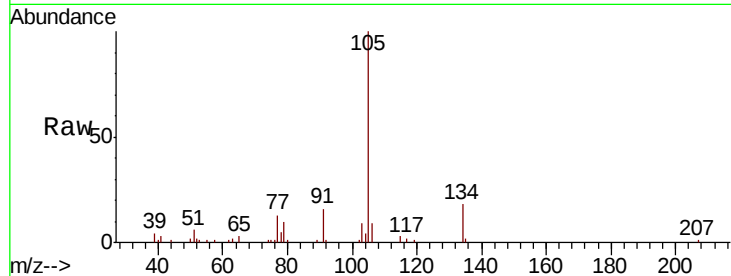




#85
 sec-Butylbenzene
 Concen: 5.784 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

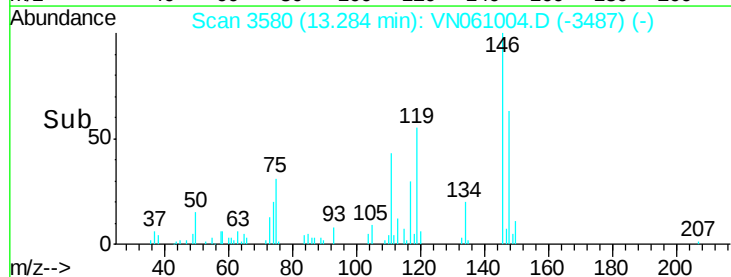
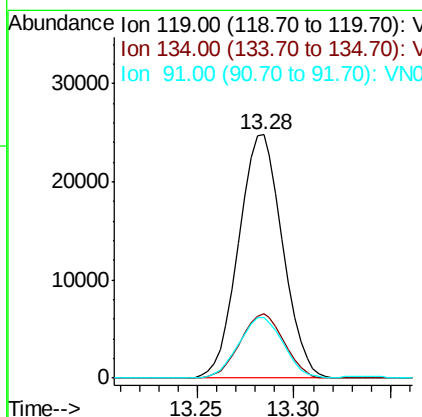
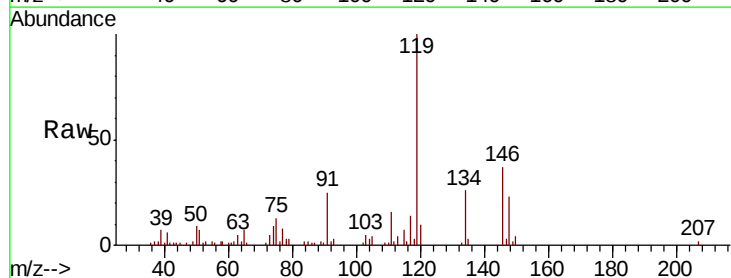
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

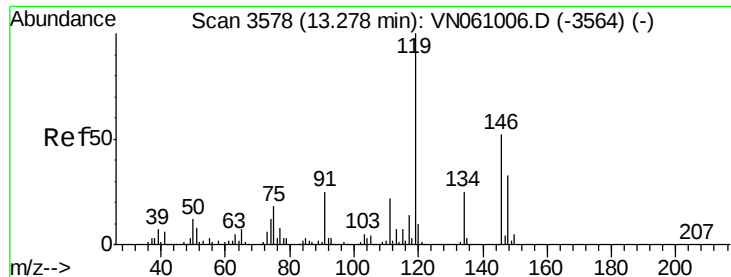
Tot Ion:105 Resp: 44415
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 5.677 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion:119 Resp: 39163
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.8 38.4
 91 25.5 12.3 36.8

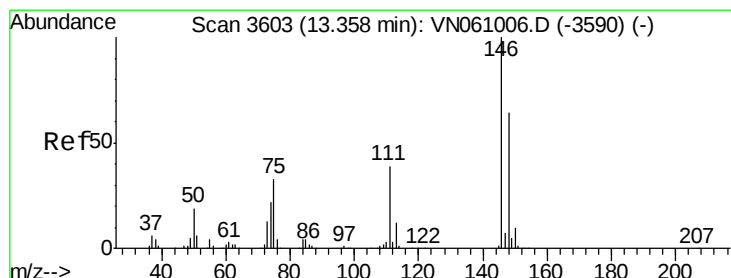
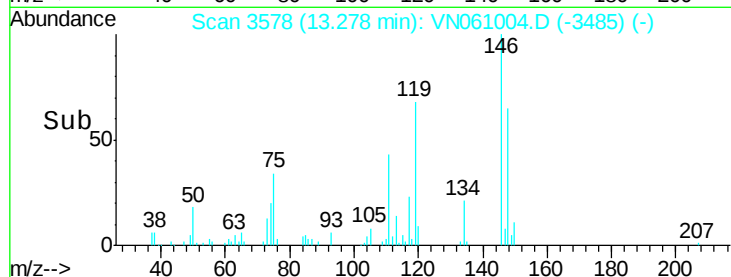
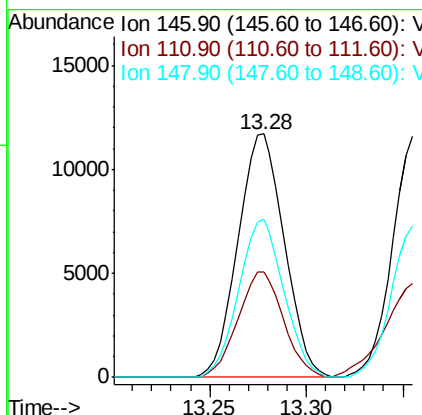
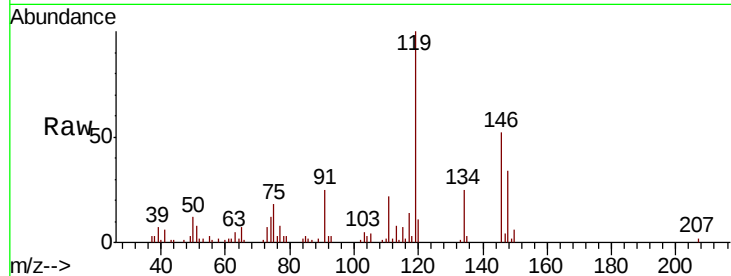




#87
 1,3-Dichlorobenzene
 Concen: 5.675 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

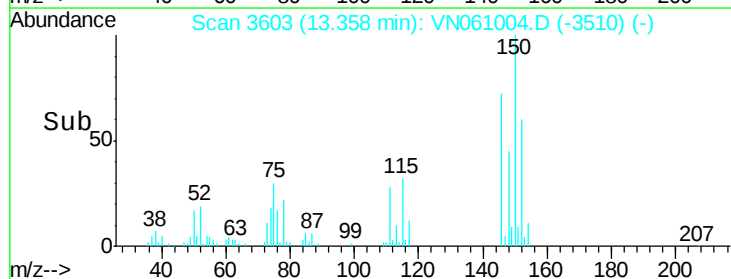
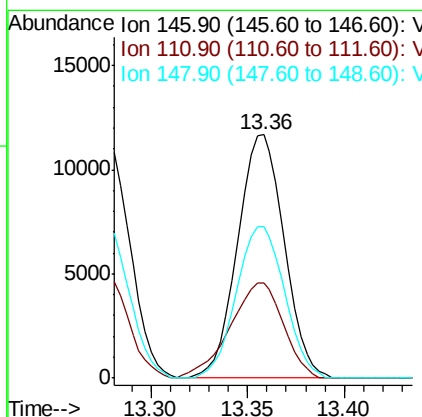
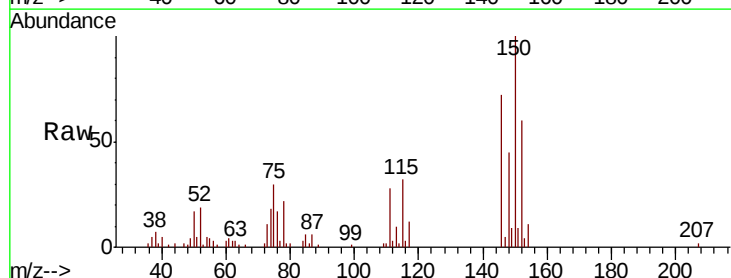
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

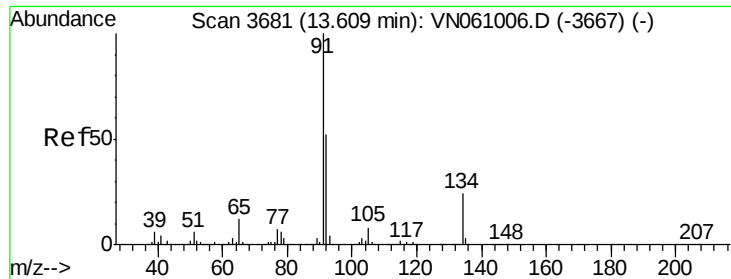
Tot Ion:146 Resp: 19508
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.6 61.8
 148 63.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 5.683 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion:146 Resp: 19599
 Ion Ratio Lower Upper
 146 100
 111 44.6 20.1 60.3
 148 64.5 32.1 96.3

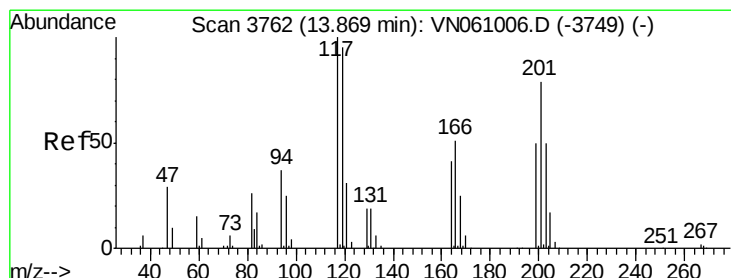
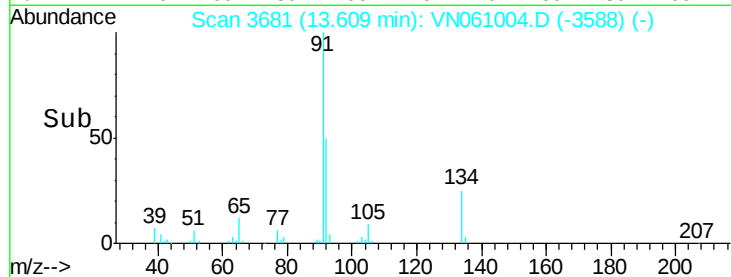
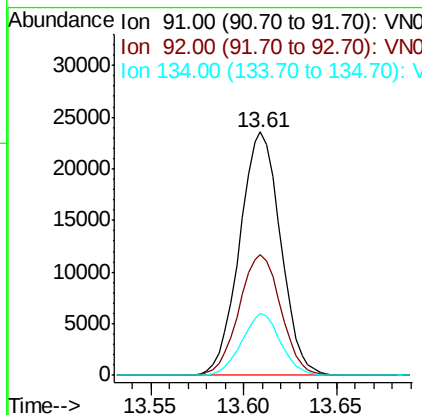
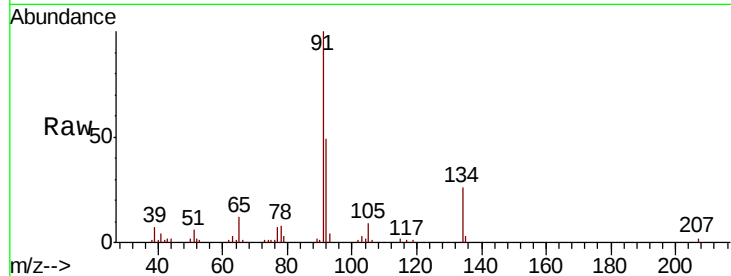




#89
n-Butylbenzene
Concen: 5.776 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

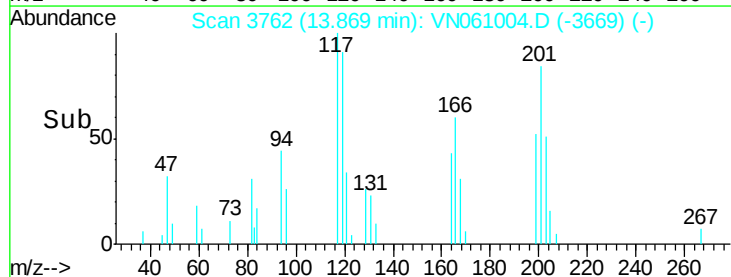
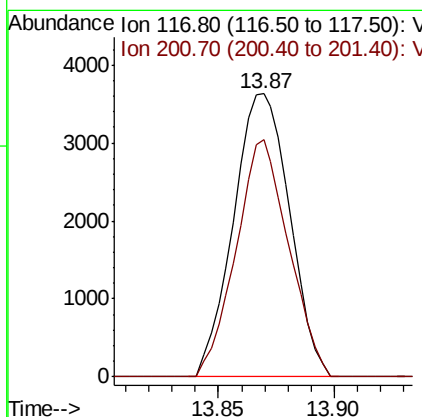
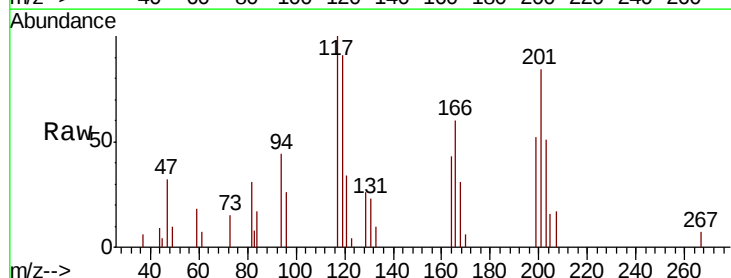
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

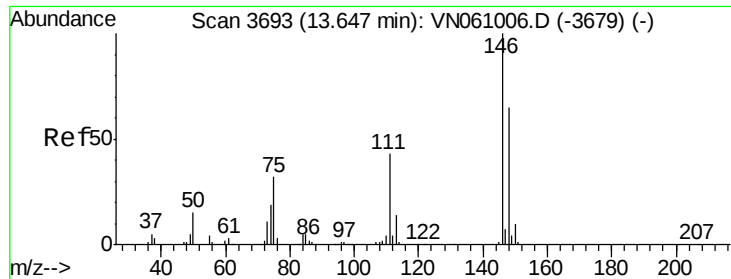
Tot Ion: 91 Resp: 36154
Ion Ratio Lower Upper
91 100
92 50.7 26.1 78.2
134 24.0 12.3 36.8



#90
Hexachloroethane
Concen: 6.084 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 117 Resp: 6119
Ion Ratio Lower Upper
117 100
201 78.5 39.3 117.9

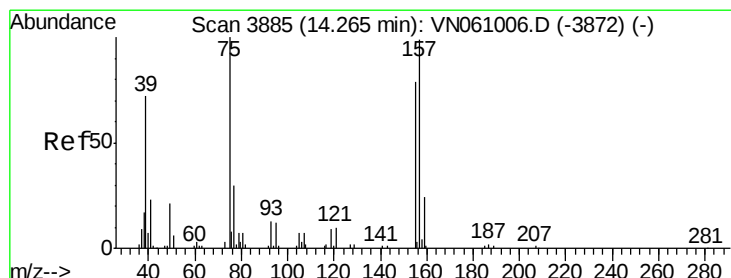
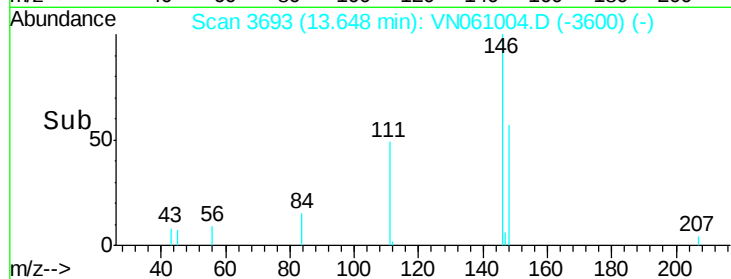
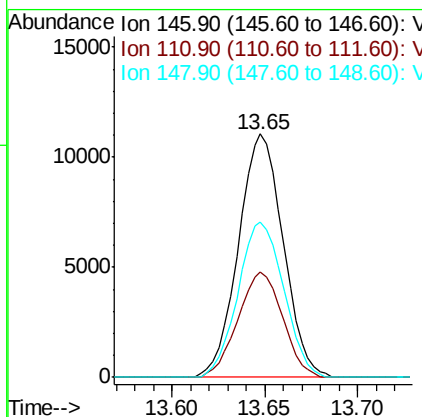
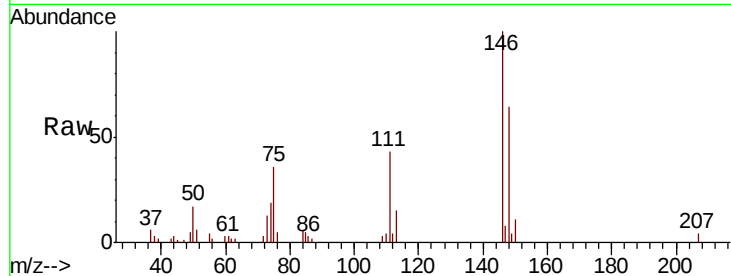




#91
 1,2-Dichlorobenzene
 Concen: 5.639 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

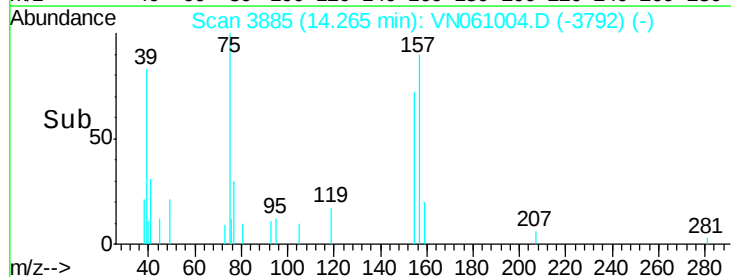
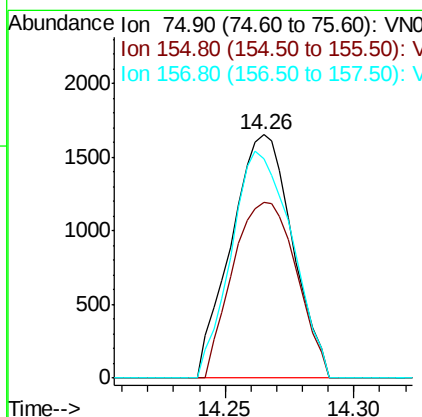
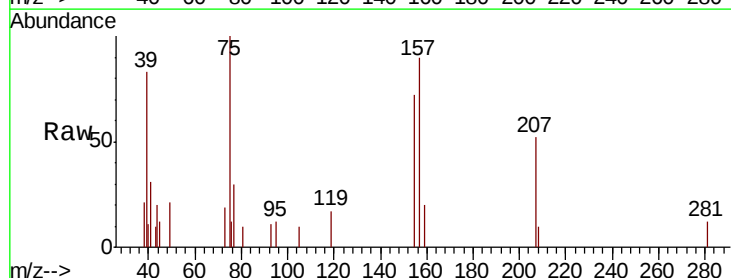
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:146 Resp: 18481
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.3 64.0
 148 65.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.958 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 75 Resp: 2732
 Ion Ratio Lower Upper
 75 100
 155 75.5 39.5 118.5
 157 92.7 50.1 150.4

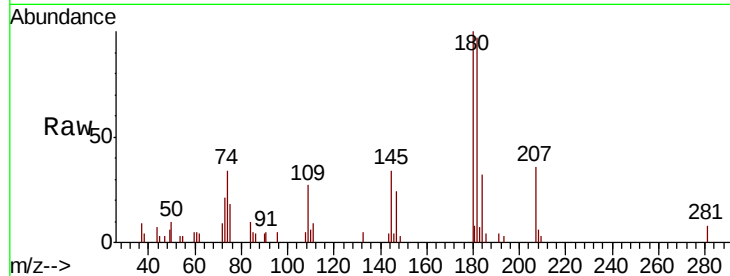




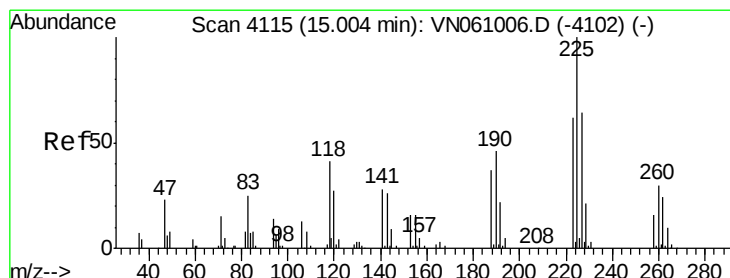
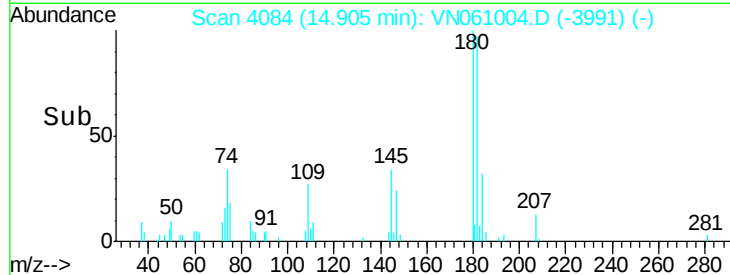
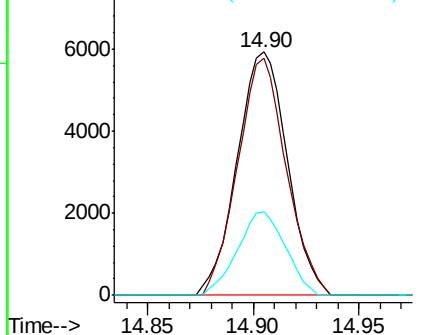
#93
 1,2,4-Trichlorobenzene
 Concen: 4.871 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:180 Resp: 9797
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.8 143.3
 145 32.8 15.3 45.8

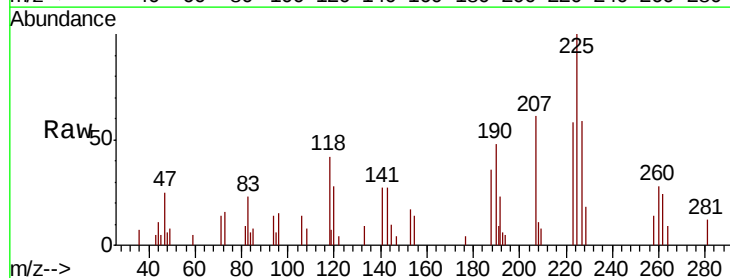


Abundance Ion 179.80 (179.50 to 180.50): V
 8000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

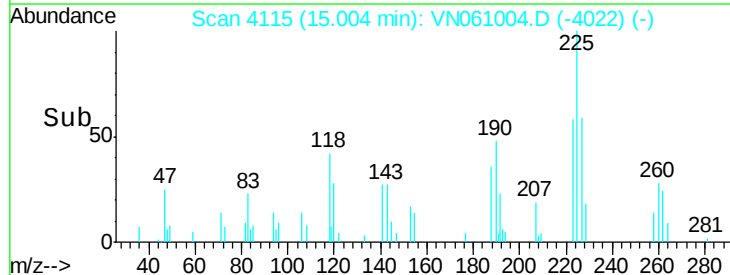
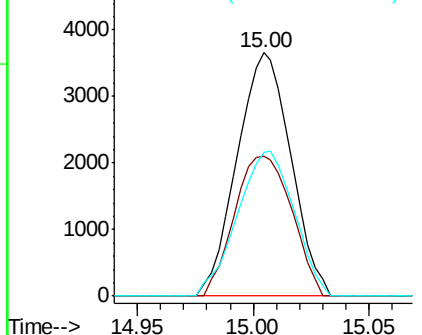


#94
 Hexachlorobutadiene
 Concen: 5.924 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061004.D
 Acq: 16 Apr 2020 11:33

Tgt Ion:225 Resp: 5890
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.3 93.8
 227 62.7 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 5000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

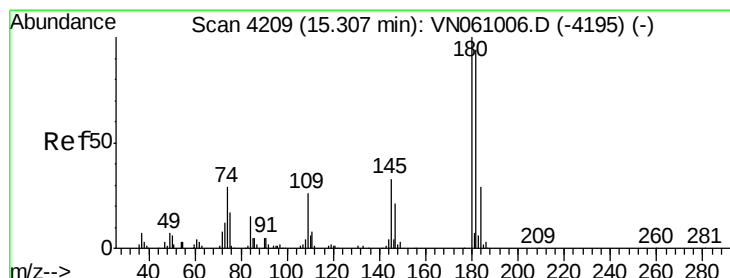
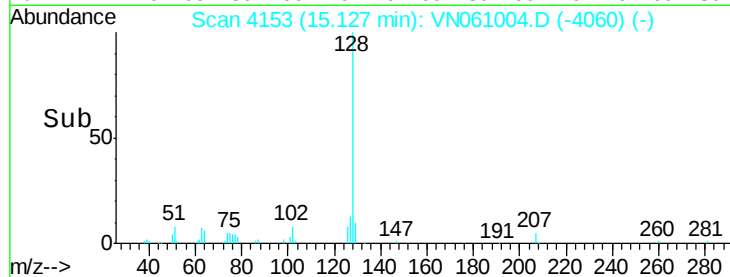
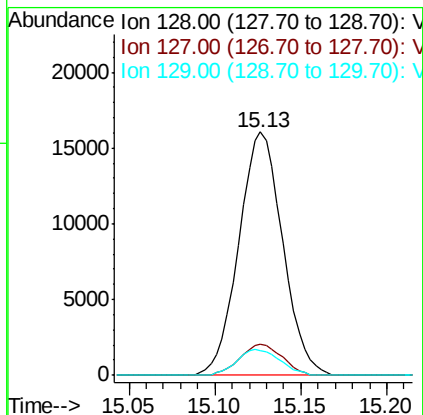
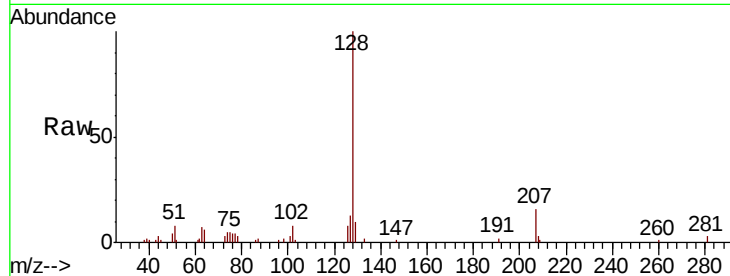




#95
Naphthalene
Concen: 4.708 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 28338
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.4 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.055 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061004.D
Acq: 16 Apr 2020 11:33

Tgt Ion:180 Resp: 10018
Ion Ratio Lower Upper
180 100
182 97.8 47.6 142.8
145 32.2 16.4 49.2

