

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
 Data File : VN054937.D
 Acq On : 4 Apr 2019 10:13
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 05 01:51:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	411112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	677538	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	583618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217782	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	27370	5.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.10%	
35) Dibromofluoromethane	7.59	113	21475	4.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.74%	
50) Toluene-d8	10.09	98	78954	4.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.44%	
62) 4-Bromofluorobenzene	12.40	95	24352	4.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.72%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	24649	5.014 ug/l	93
3) Chloromethane	2.06	50	32121	4.942 ug/l	98
4) Vinyl Chloride	2.19	62	29276	5.155 ug/l	99
5) Bromomethane	2.57	94	15968	4.926 ug/l	96
6) Chloroethane	2.71	64	16594	5.239 ug/l	98
7) Trichlorofluoromethane	3.02	101	35305	5.120 ug/l	98
8) Diethyl Ether	3.42	74	11046	5.030 ug/l	88
9) 1,1,2-Trichlorotrifluoroet	3.75	101	19408	5.313 ug/l #	73
10) Methyl Iodide	3.94	142	24532	4.764 ug/l	97
11) Tert butyl alcohol	4.82	59	3052	10.880 ug/l #	79
12) 1,1-Dichloroethene	3.73	96	19061	5.260 ug/l	94
13) Acrolein	3.60	56	4854	12.653 ug/l	96
14) Allyl chloride	4.32	41	39002	4.744 ug/l	98
15) Acrylonitrile	5.00	53	43018	25.646 ug/l	98
16) Acetone	3.82	43	34431	23.372 ug/l	93
17) Carbon Disulfide	4.04	76	54532	4.727 ug/l	97
18) Methyl Acetate	4.33	43	23273	5.769 ug/l	92
19) Methyl tert-butyl Ether	5.06	73	59576	5.069 ug/l	96
20) Methylene Chloride	4.55	84	26608	5.289 ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	22814	5.050 ug/l	94
22) Diisopropyl ether	5.96	45	84778	5.132 ug/l	99
23) Vinyl Acetate	5.90	43	263848	22.955 ug/l	100
24) 1,1-Dichloroethane	5.85	63	45330	5.032 ug/l	96
25) 2-Butanone	6.85	43	49616	24.377 ug/l	94
26) 2,2-Dichloropropane	6.82	77	31791	5.034 ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	26202	5.104 ug/l	98
28) Bromochloromethane	7.19	49	21611	5.121 ug/l #	99
29) Tetrahydrofuran	7.23	42	32777	24.569 ug/l	100
30) Chloroform	7.37	83	44832	5.252 ug/l	95
31) Cyclohexane	7.65	56	49366	4.800 ug/l #	84
32) 1,1,1-Trichloroethane	7.57	97	35880	4.981 ug/l	98
36) 1,1-Dichloropropene	7.79	75	32386	4.824 ug/l	98
37) Ethyl Acetate	6.94	43	23236	5.044 ug/l #	91
38) Carbon Tetrachloride	7.77	117	31708	4.891 ug/l	95

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 Data File : VN054937.D
 Acq On : 4 Apr 2019 10:13
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 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

Quant Time: Apr 05 01:51:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 05 01:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	36178	4.898	ug/l	96
40) Benzene	8.04	78	95664	4.952	ug/l	98
41) Methacrylonitrile	7.18	41	12473	4.735	ug/l	98
42) 1,2-Dichloroethane	8.13	62	34522	5.086	ug/l	97
43) Isopropyl Acetate	8.17	43	35772	4.607	ug/l	99
44) Trichloroethene	8.84	130	24899	5.041	ug/l	92
45) 1,2-Dichloropropane	9.12	63	27974	5.197	ug/l	94
46) Dibromomethane	9.21	93	15486	5.074	ug/l	99
47) Bromodichloromethane	9.40	83	30461	4.752	ug/l	98
48) Methyl methacrylate	9.20	41	18174	4.624	ug/l	94
49) 1,4-Dioxane	9.21	88	3963	99.892	ug/l #	93
51) 4-Methyl-2-Pentanone	9.99	43	103475	23.889	ug/l	99
52) Toluene	10.16	92	55275	4.854	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	24951	4.217	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	33278	4.612	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	20041	4.855	ug/l	94
56) Ethyl methacrylate	10.43	69	24298	4.502	ug/l	95
57) 1,3-Dichloropropane	10.71	76	35104	4.869	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	46152	21.640	ug/l	99
59) 2-Hexanone	10.75	43	64013	23.660	ug/l	95
60) Dibromochloromethane	10.90	129	20645	4.774	ug/l	94
61) 1,2-Dibromoethane	11.01	107	19447	5.010	ug/l	100
64) Tetrachloroethene	10.63	164	23835	5.064	ug/l	96
65) Chlorobenzene	11.43	112	58659	4.931	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	21466	4.929	ug/l	97
67) Ethyl Benzene	11.51	91	106120	4.948	ug/l	99
68) m/p-Xylenes	11.62	106	75204	9.591	ug/l	100
69) o-Xylene	11.95	106	38396	5.020	ug/l	95
70) Styrene	11.96	104	57935	4.723	ug/l	99
71) Bromoform	12.13	173	11667	4.457	ug/l #	94
73) Isopropylbenzene	12.25	105	98577	5.358	ug/l	99
74) N-amyl acetate	12.07	43	26375	5.158	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	24342	5.387	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	27237	7.693	ug/l #	100
77) Bromobenzene	12.53	156	23540	5.284	ug/l	97
78) n-propylbenzene	12.59	91	102892	5.076	ug/l	100
79) 2-Chlorotoluene	12.67	91	67962	5.410	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	80939	5.357	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	4052	4.543	ug/l	86
82) 4-Chlorotoluene	12.77	91	61878	5.208	ug/l	98
83) tert-Butylbenzene	12.99	119	67276	5.234	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	75734	5.181	ug/l	100
85) sec-Butylbenzene	13.17	105	88072	5.298	ug/l	99
86) p-Isopropyltoluene	13.29	119	75080	5.242	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	37727	5.091	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	36000	5.103	ug/l	95
89) n-Butylbenzene	13.62	91	55048	4.809	ug/l	95
90) Hexachloroethane	13.87	117	12014	4.993	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	38364	5.272	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3076	4.885	ug/l	88

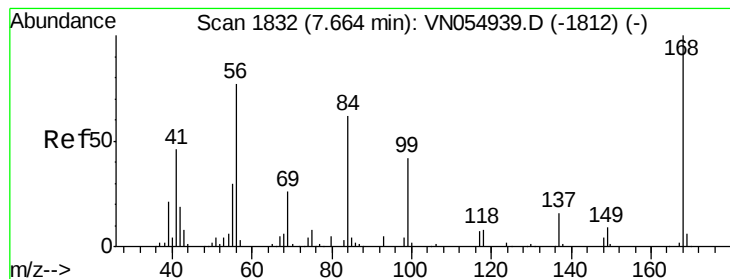
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040419\
Data File : VN054937.D
Acq On : 4 Apr 2019 10:13
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Quant Time: Apr 05 01:51:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N040419W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 05 01:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	11938	3.688	ug/l	98
94) Hexachlorobutadiene	15.01	225	14324	5.884	ug/l	93
95) Naphthalene	15.13	128	26950	3.794	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	13697	4.099	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

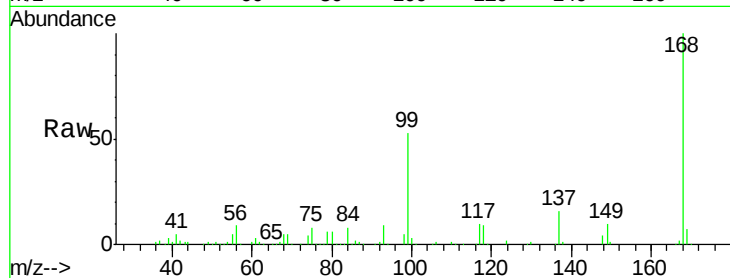
VSTDIC005

Tgt Ion:168 Resp: 411112

Ion Ratio Lower Upper

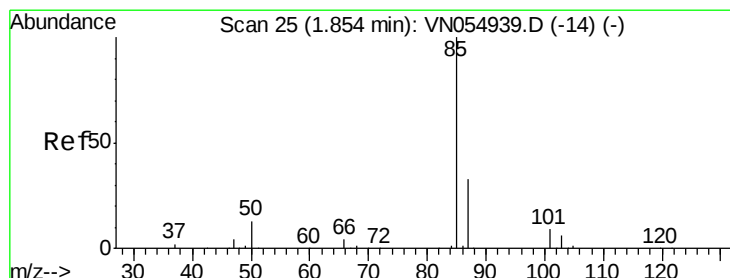
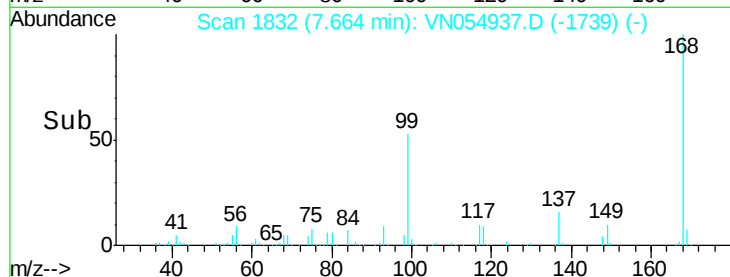
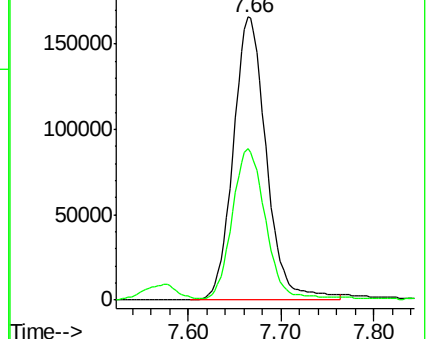
168 100

99 52.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 5.014 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054937.D

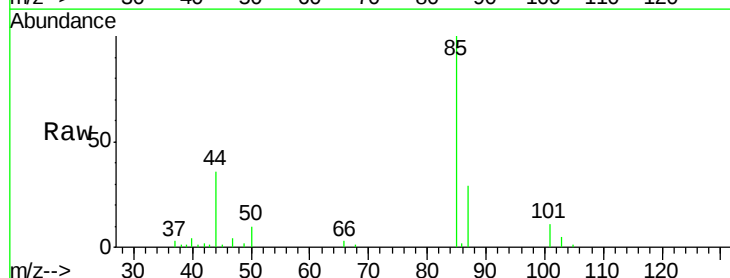
Acq: 4 Apr 2019 10:13

Tgt Ion: 85 Resp: 24649

Ion Ratio Lower Upper

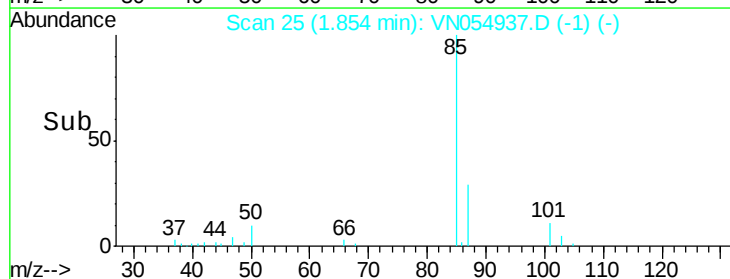
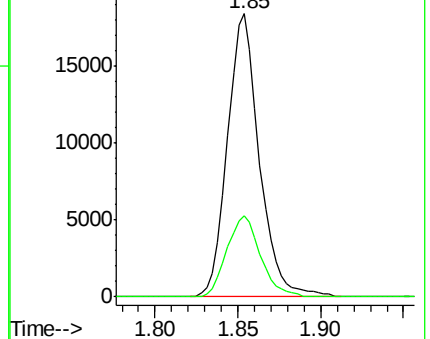
85 100

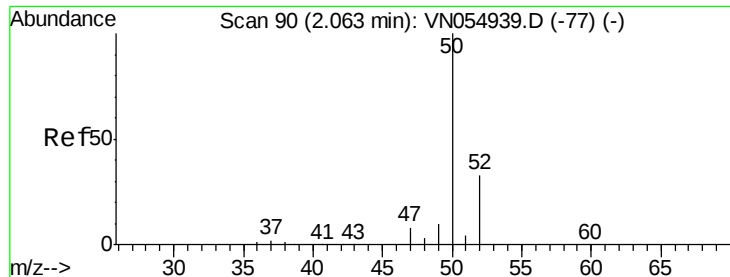
87 28.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 4.942 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

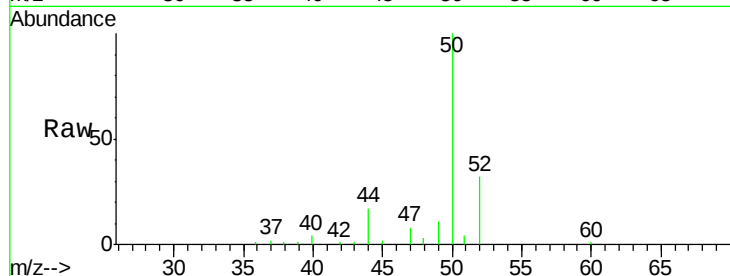
VSTDIC005

Tgt Ion: 50 Resp: 32121

Ion Ratio Lower Upper

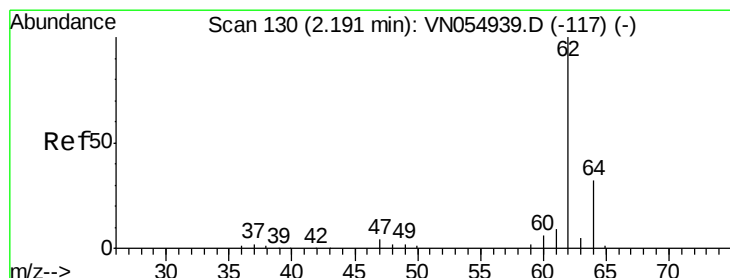
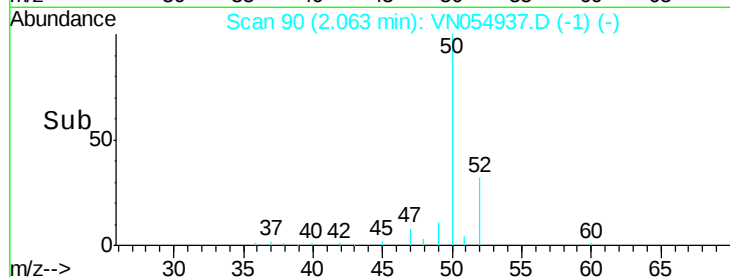
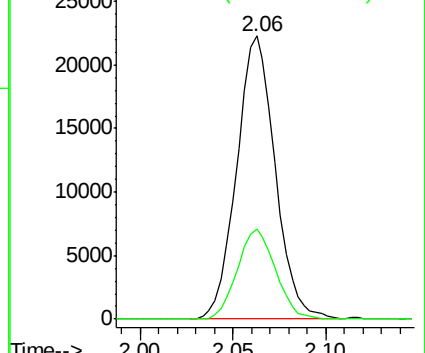
50 100

52 31.7 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 5.155 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN054937.D

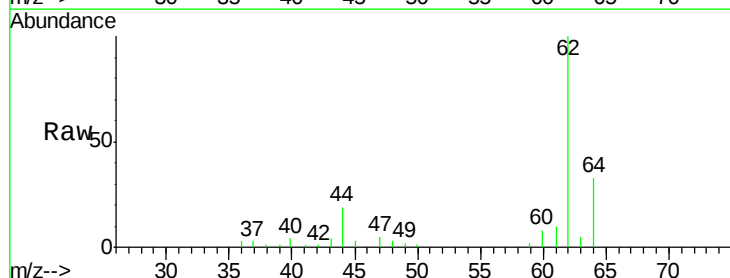
Acq: 4 Apr 2019 10:13

Tgt Ion: 62 Resp: 29276

Ion Ratio Lower Upper

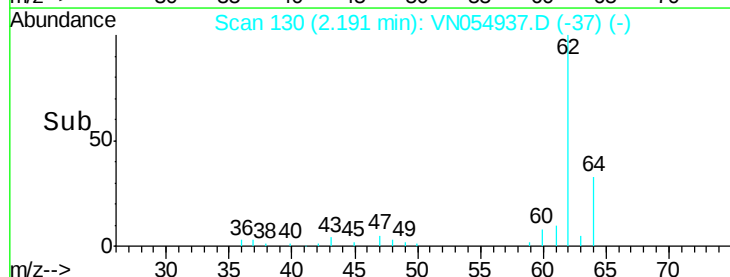
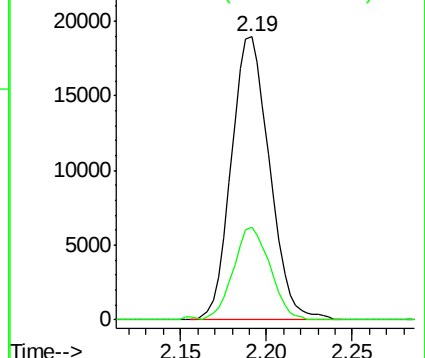
62 100

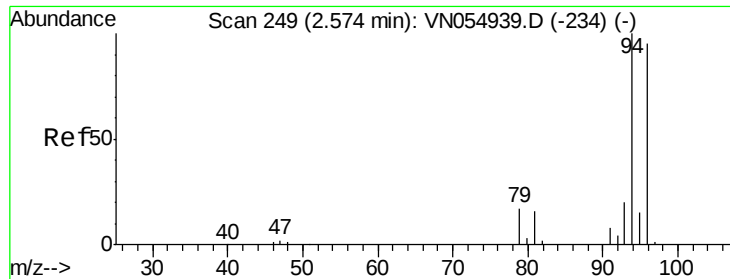
64 32.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

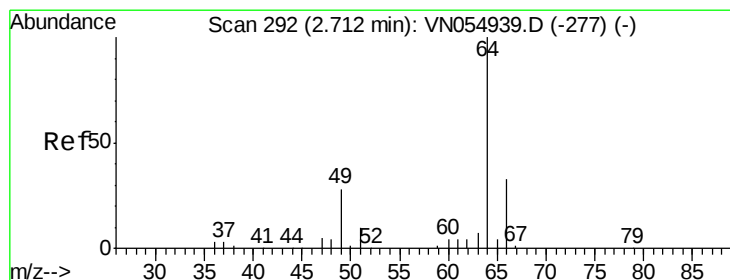
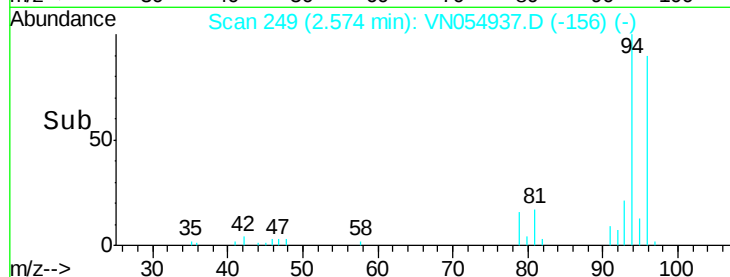
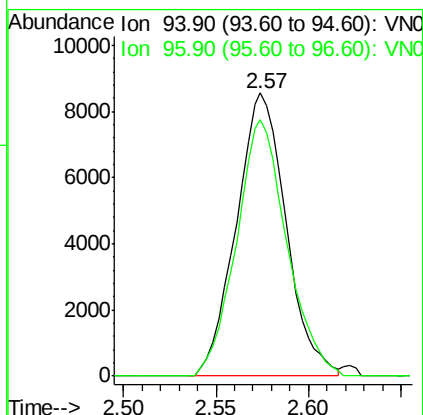
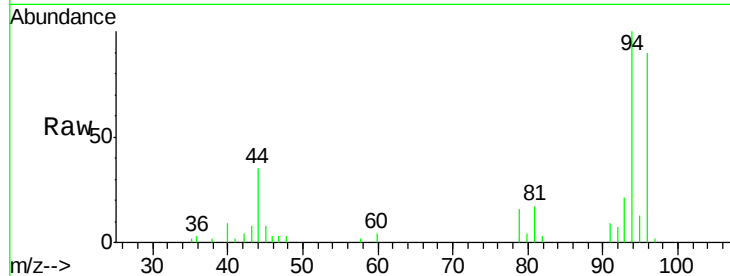




#5
Bromomethane
Concen: 4.926 ug/l
RT: 2.57 min Scan# 249
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

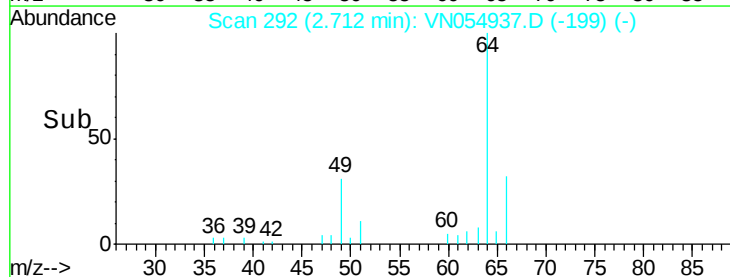
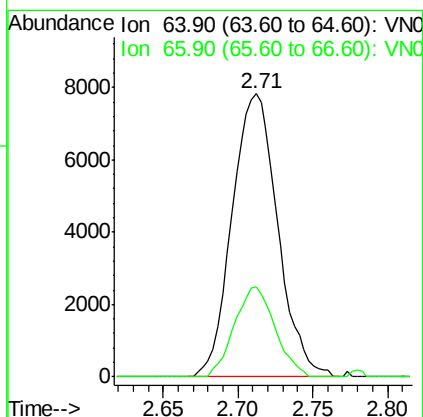
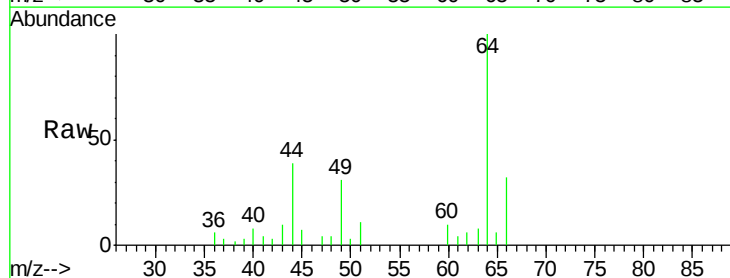
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

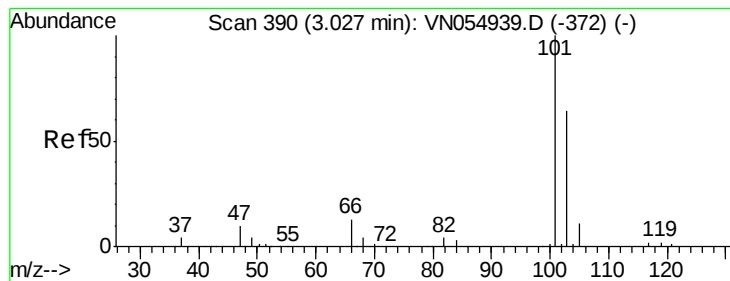
Tgt Ion: 94 Resp: 15968
Ion Ratio Lower Upper
94 100
96 90.5 75.7 113.5



#6
Chloroethane
Concen: 5.239 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 64 Resp: 16594
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4





#7

Trichlorofluoromethane

Concen: 5.120 ug/l

RT: 3.02 min Scan# 389

Delta R.T. -0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

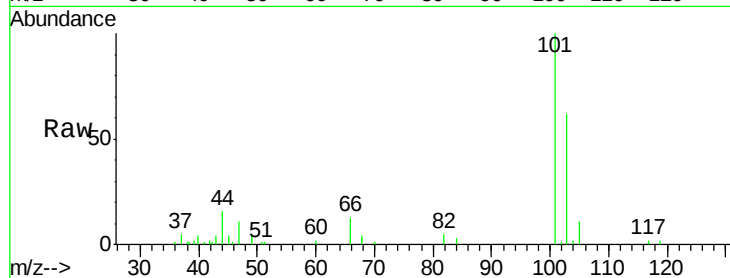
VSTDIC005

Tgt Ion:101 Resp: 35305

Ion Ratio Lower Upper

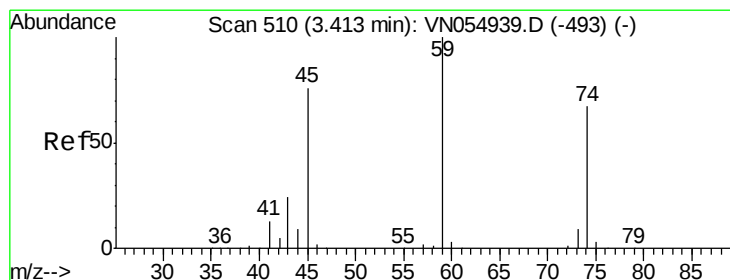
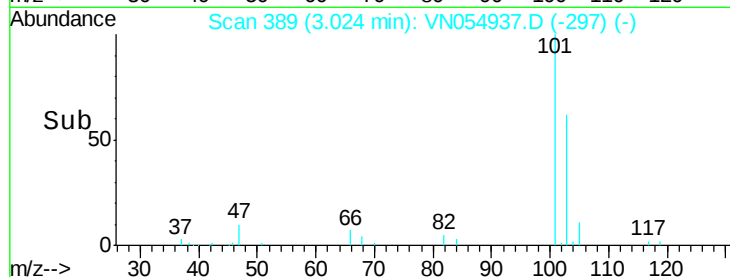
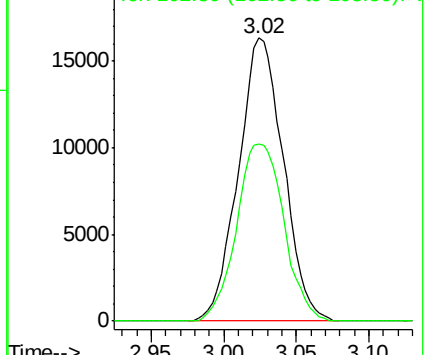
101 100

103 62.4 51.3 76.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.030 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.00 min

Lab File: VN054937.D

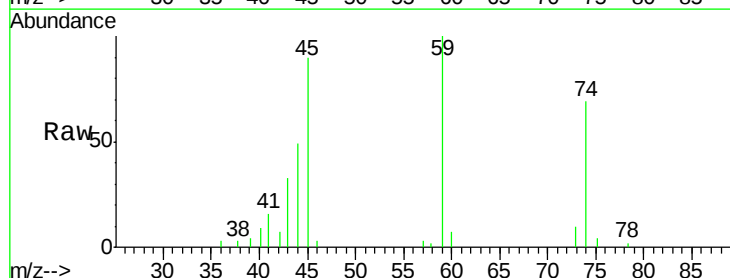
Acq: 4 Apr 2019 10:13

Tgt Ion: 74 Resp: 11046

Ion Ratio Lower Upper

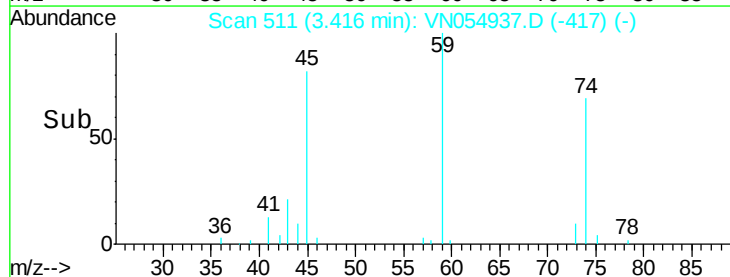
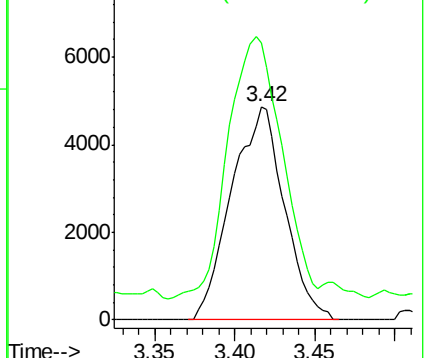
74 100

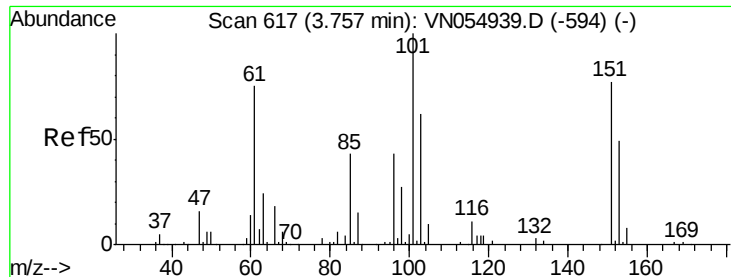
45 125.2 56.3 168.9



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: 5.313 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

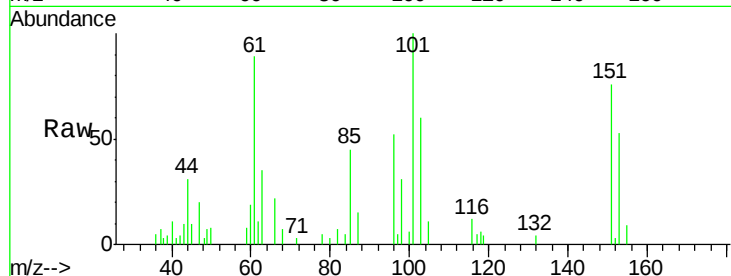
Tgt Ion:101 Resp: 19408

Ion Ratio Lower Upper

101 100

85 43.4 36.2 54.2

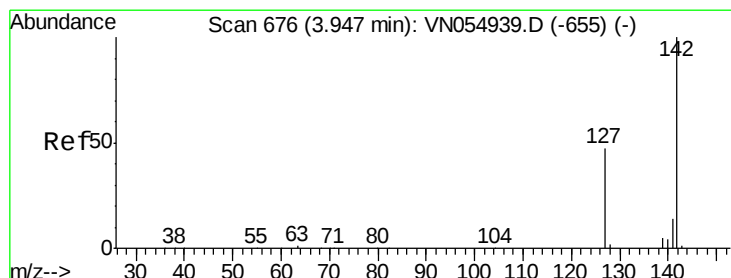
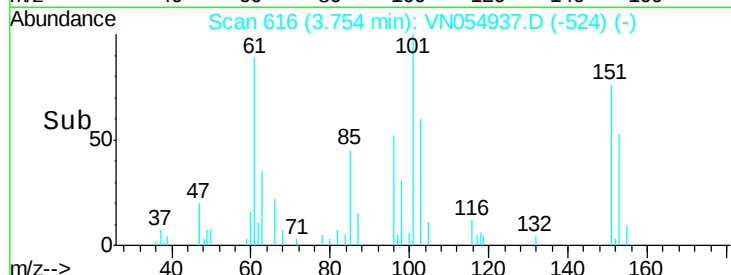
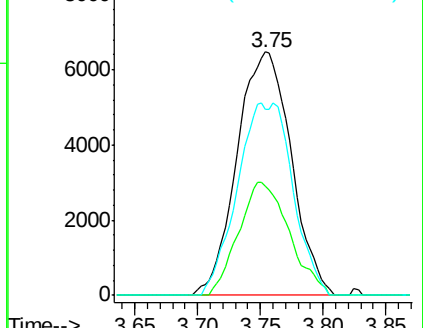
151 43.2 63.4 95.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.764 ug/l

RT: 3.94 min Scan# 674

Delta R.T. -0.01 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

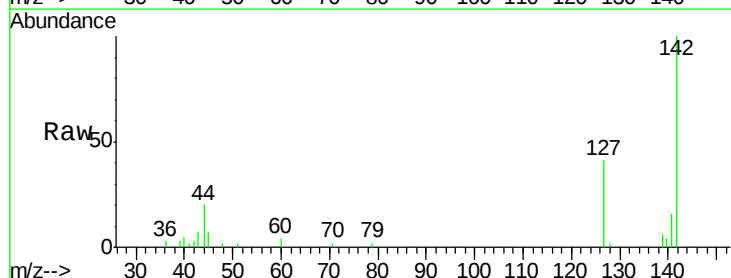
Tgt Ion:142 Resp: 24532

Ion Ratio Lower Upper

142 100

127 45.0 38.0 57.0

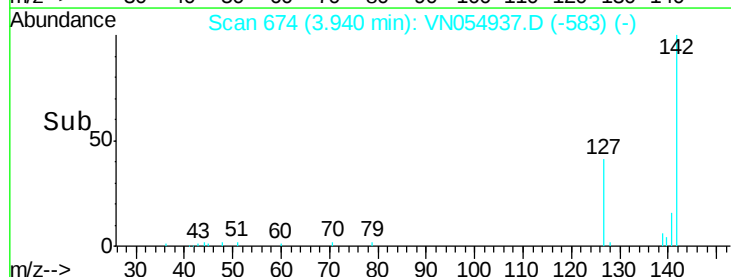
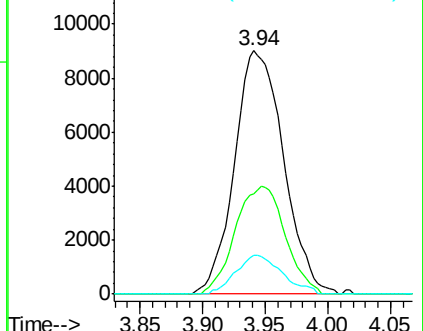
141 15.1 11.7 17.5

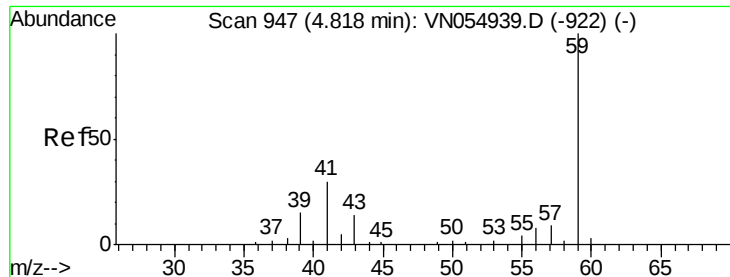


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



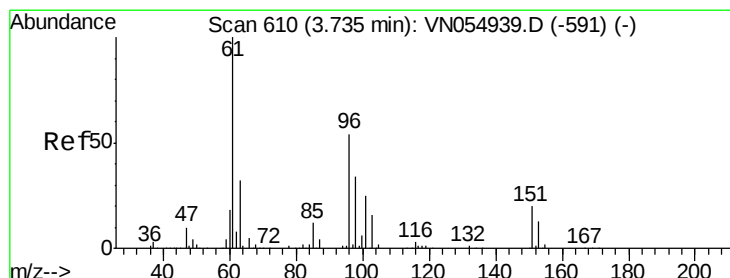
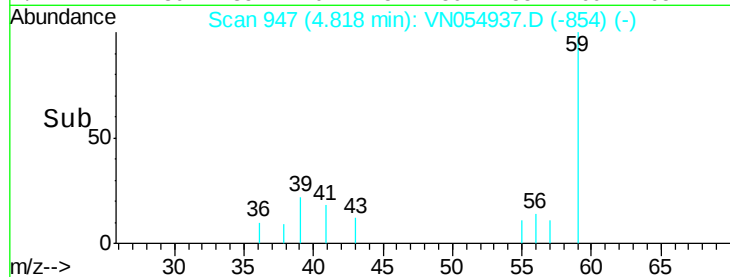
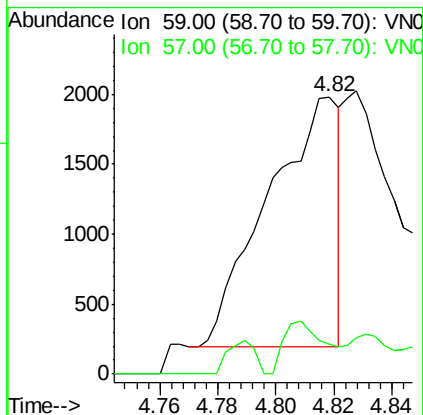
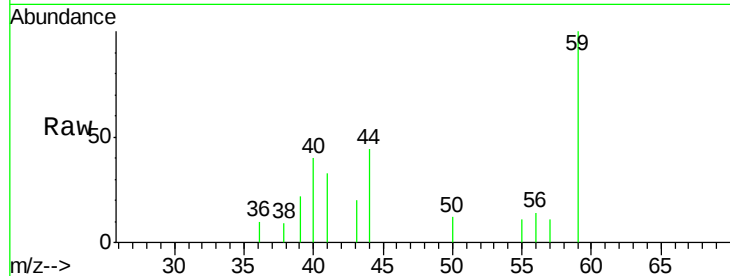


#11

Tert butyl alcohol
 Concen: 10.880 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

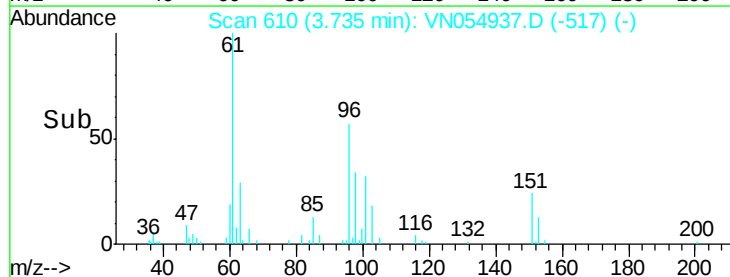
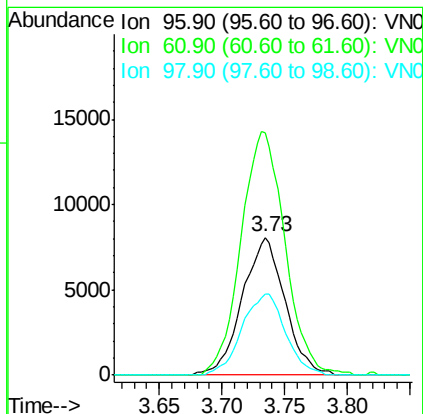
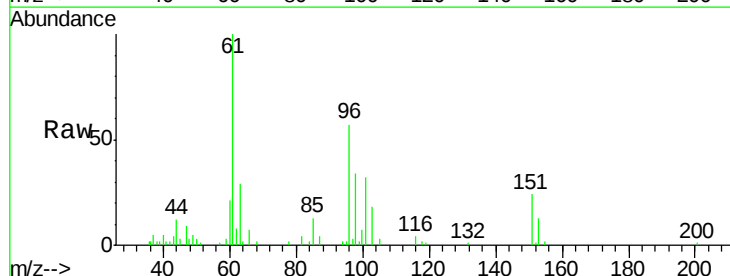
Tgt Ion: 59 Resp: 3052
 Ion Ratio Lower Upper
 59 100
 57 13.2 5.0 7.4#

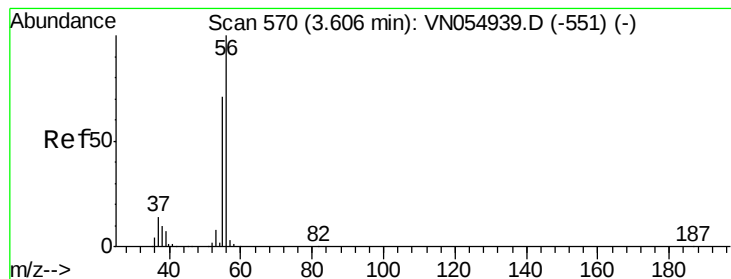


#12

1,1-Dichloroethene
 Concen: 5.260 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 96 Resp: 19061
 Ion Ratio Lower Upper
 96 100
 61 176.3 148.2 222.2
 98 59.3 50.2 75.4





#13

Acrolein

Concen: 12.653 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

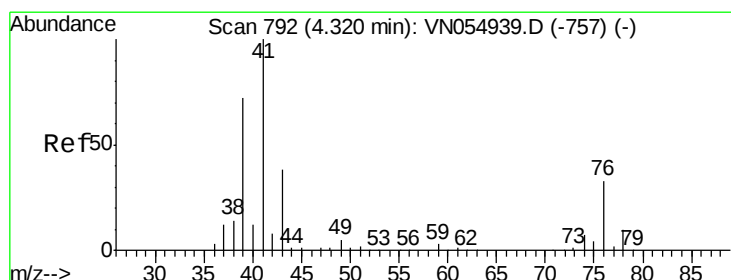
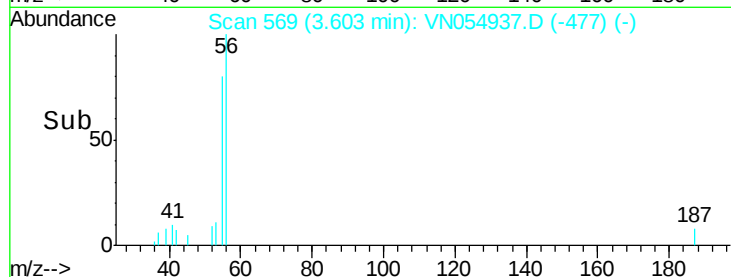
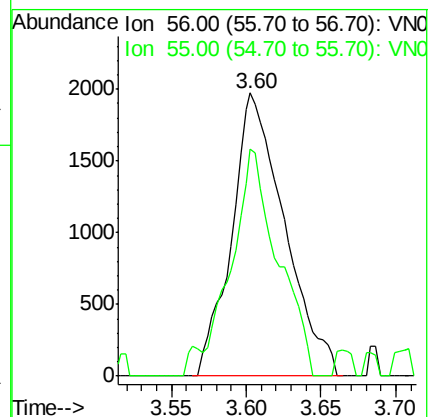
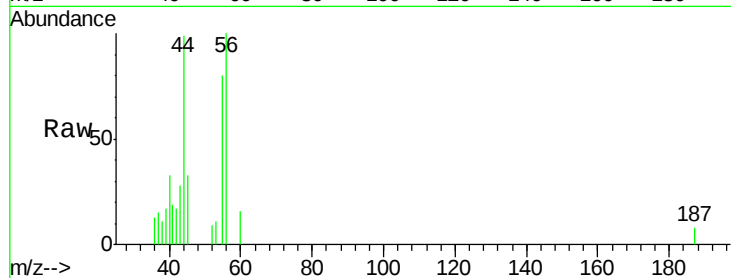
VSTDIC005

Tgt Ion: 56 Resp: 4854

Ion Ratio Lower Upper

56 100

55 69.8 58.6 87.8



#14

Allyl chloride

Concen: 4.744 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

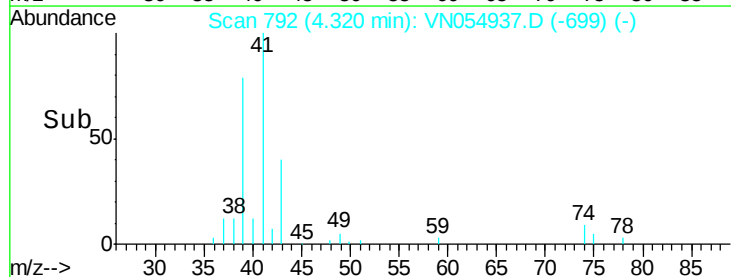
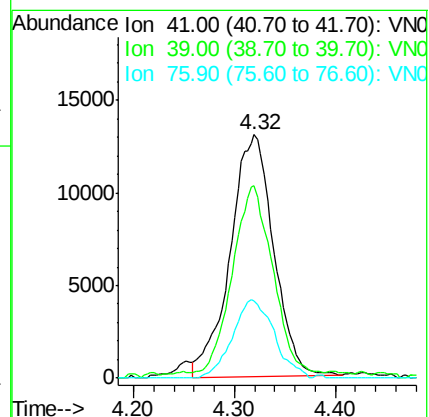
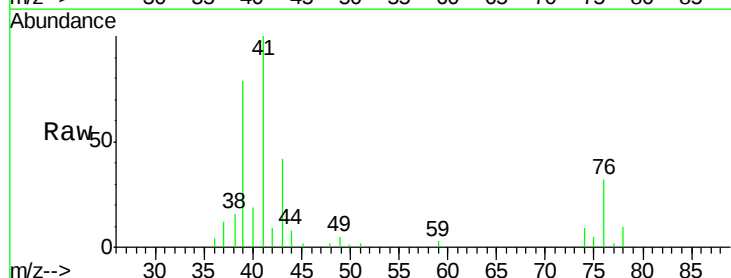
Tgt Ion: 41 Resp: 39002

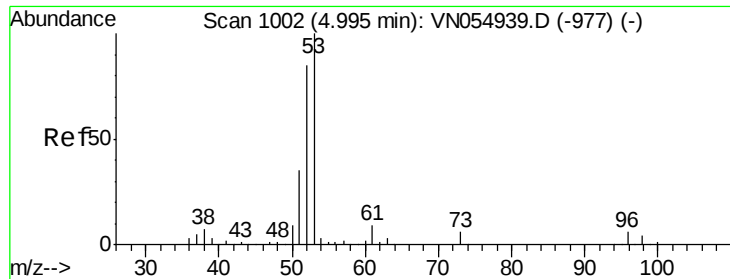
Ion Ratio Lower Upper

41 100

39 71.0 55.4 83.2

76 31.1 23.8 35.8

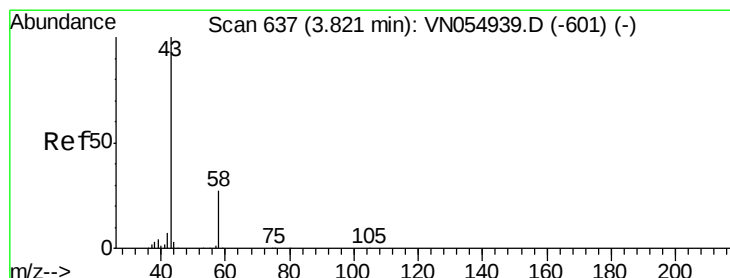
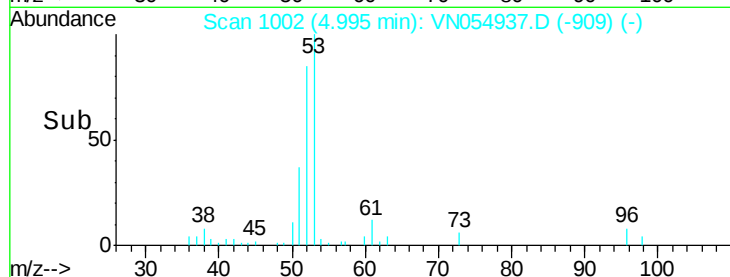
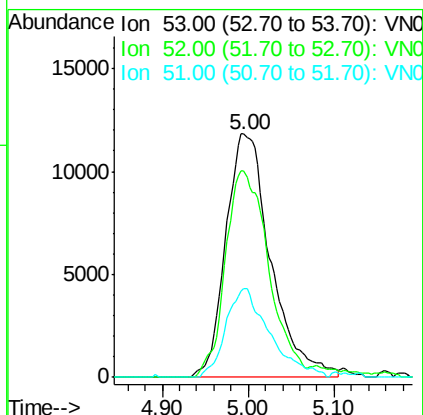
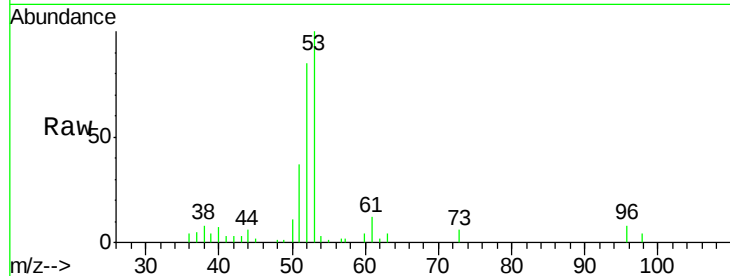




#15
 Acrylonitrile
 Concen: 25.646 ug/l
 RT: 5.00 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

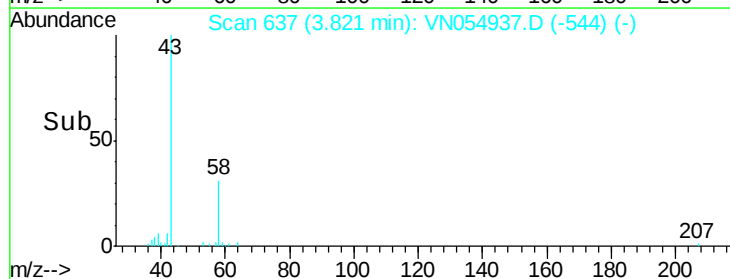
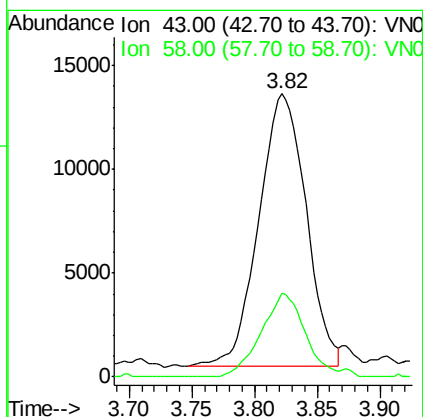
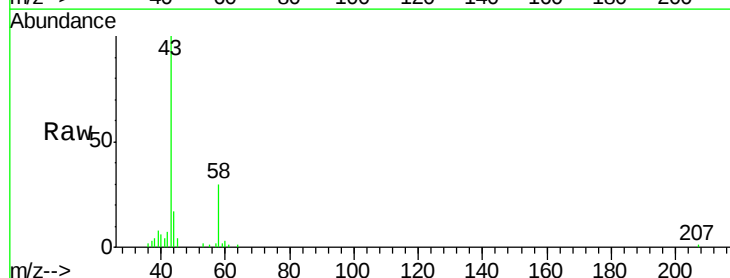
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

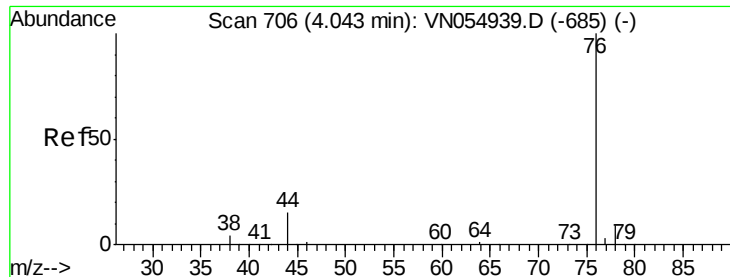
Tgt Ion: 53 Resp: 43018
 Ion Ratio Lower Upper
 53 100
 52 81.3 66.4 99.6
 51 35.4 29.5 44.3



#16
 Acetone
 Concen: 23.372 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 43 Resp: 34431
 Ion Ratio Lower Upper
 43 100
 58 30.9 21.7 32.5

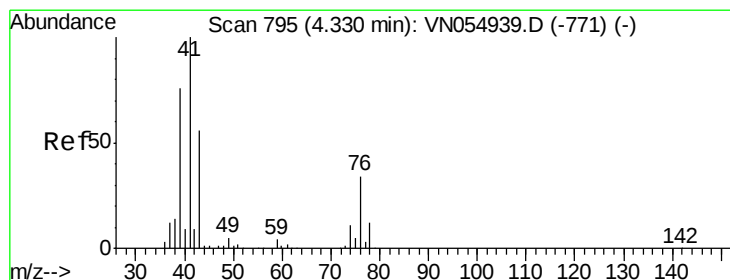
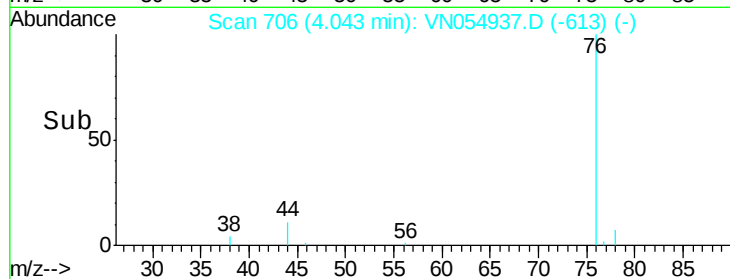
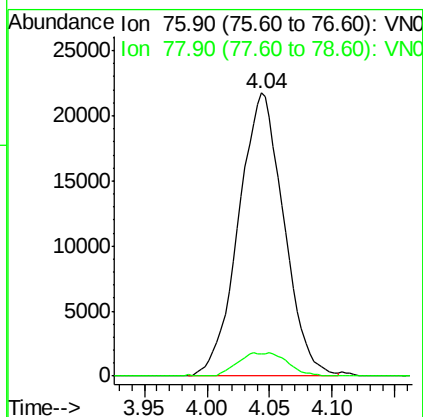
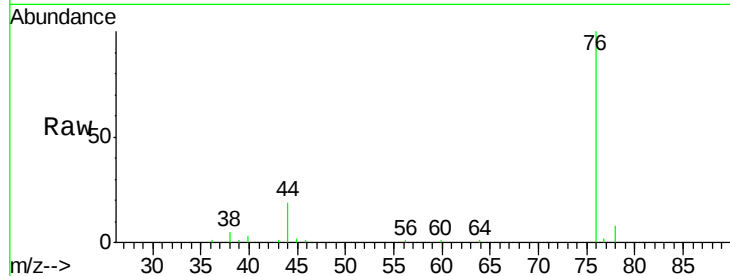




#17
Carbon Disulfide
Concen: 4.727 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

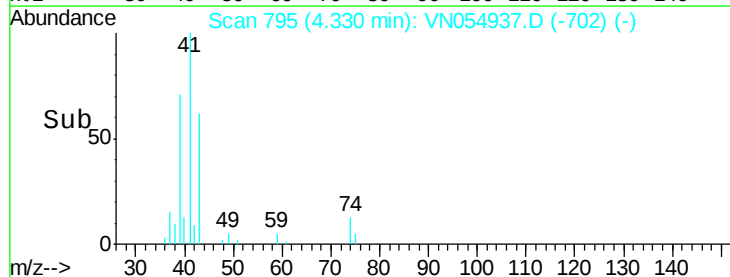
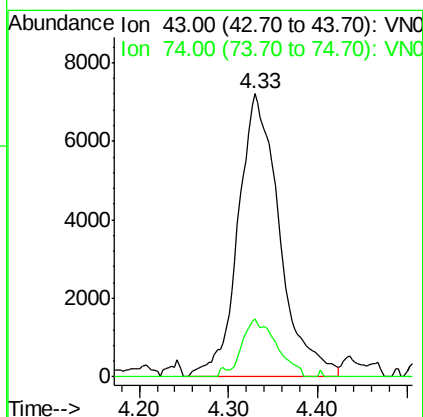
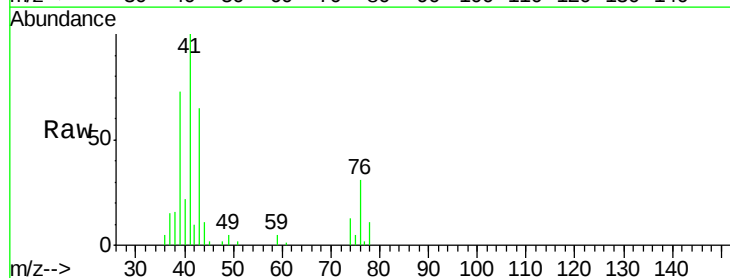
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

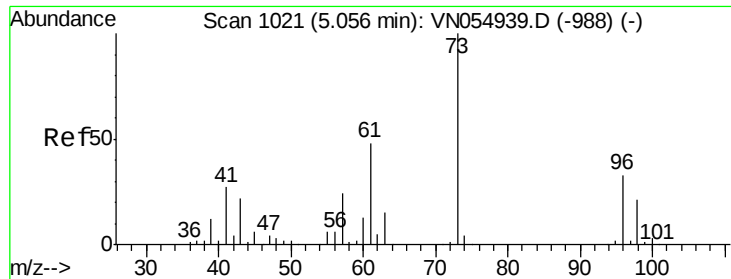
Tgt Ion: 76 Resp: 54532
Ion Ratio Lower Upper
76 100
78 7.8 7.1 10.7



#18
Methyl Acetate
Concen: 5.769 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 43 Resp: 23273
Ion Ratio Lower Upper
43 100
74 16.7 16.4 24.6

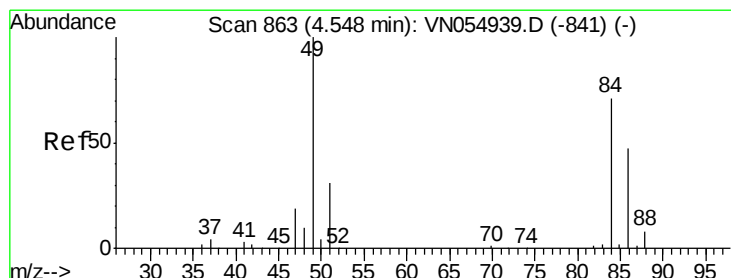
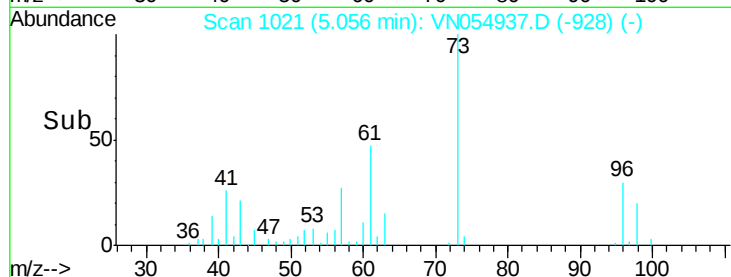
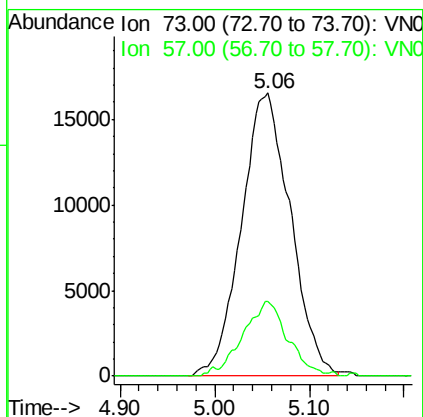
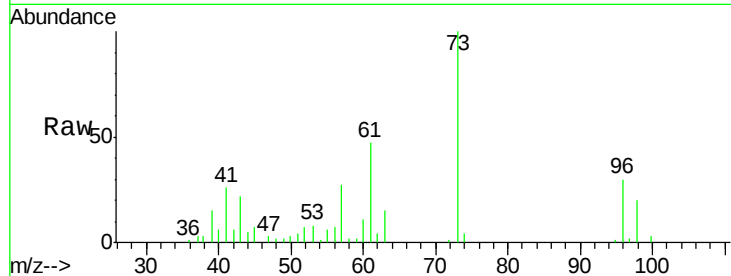




#19
Methyl tert-butyl Ether
Concen: 5.069 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

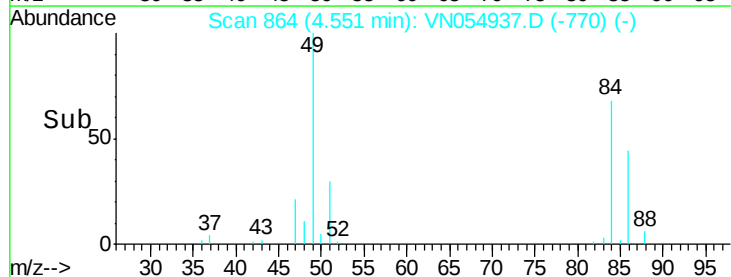
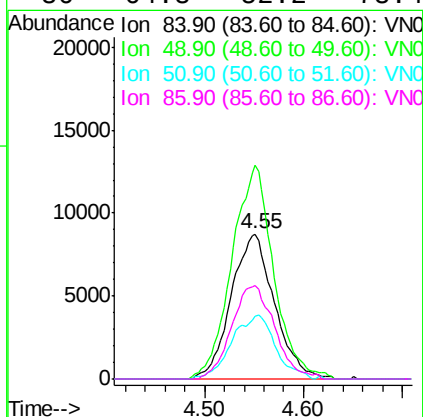
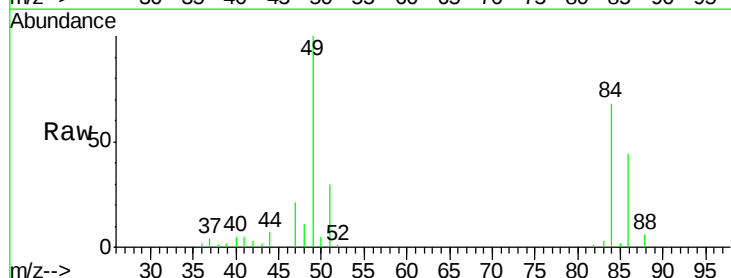
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

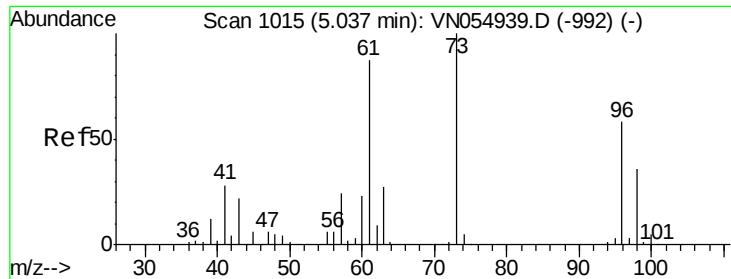
Tgt Ion: 73 Resp: 59576
Ion Ratio Lower Upper
73 100
57 26.5 19.5 29.3



#20
Methylene Chloride
Concen: 5.289 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 84 Resp: 26608
Ion Ratio Lower Upper
84 100
49 147.6 112.1 168.1
51 43.6 34.5 51.7
86 64.8 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.050 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

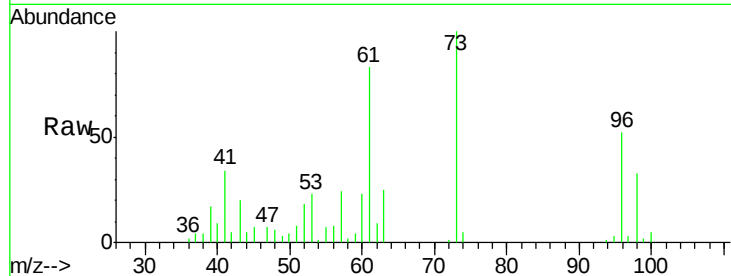
Tgt Ion: 96 Resp: 22814

Ion Ratio Lower Upper

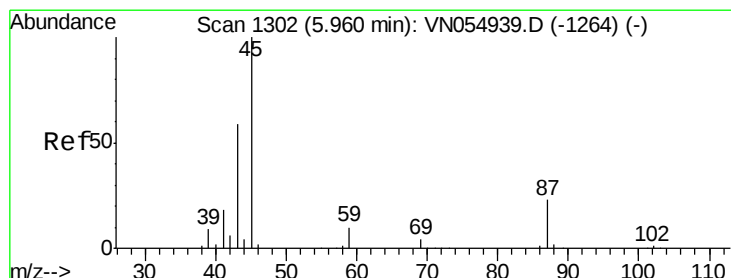
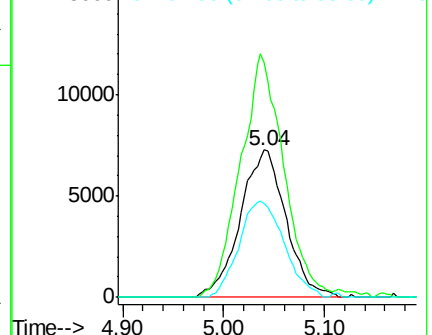
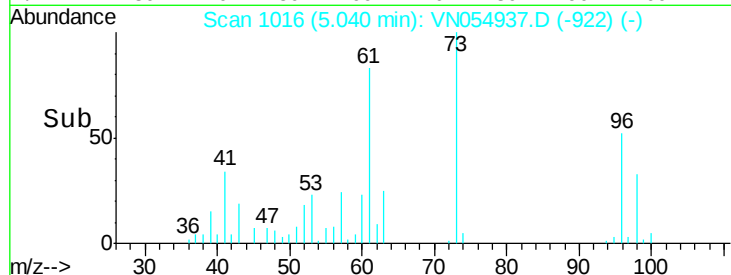
96 100

61 159.5 120.1 180.1

98 63.8 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN054937.D (-992) (-)



#22

Diisopropyl ether

Concen: 5.132 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Tgt Ion: 45 Resp: 84778

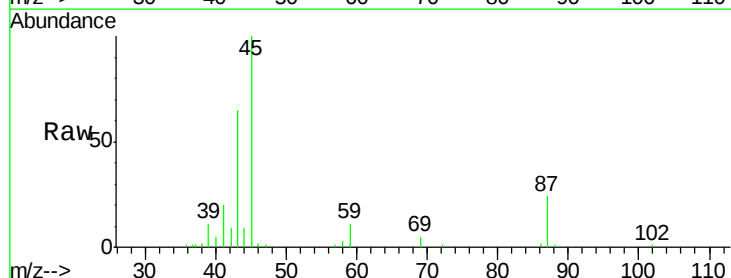
Ion Ratio Lower Upper

45 100

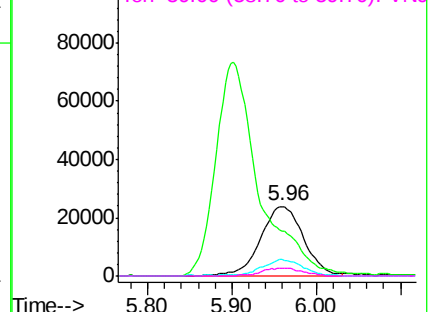
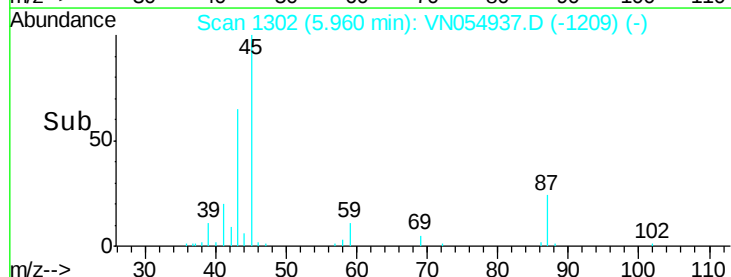
43 59.3 46.9 70.3

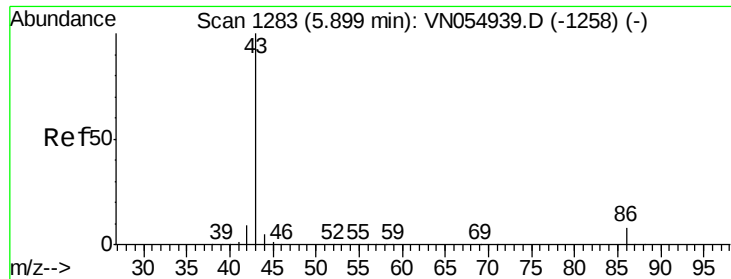
87 23.3 18.6 28.0

59 11.1 8.5 12.7



Abundance Ion 45.00 (44.70 to 45.70): VN054937.D (-1264) (-)





#23

Vinyl Acetate

Concen: 22.955 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

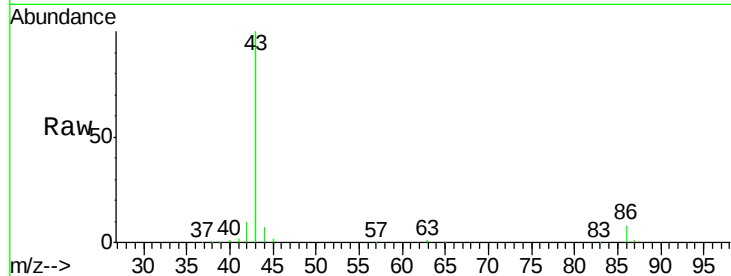
VSTDIC005

Tgt Ion: 43 Resp: 263848

Ion Ratio Lower Upper

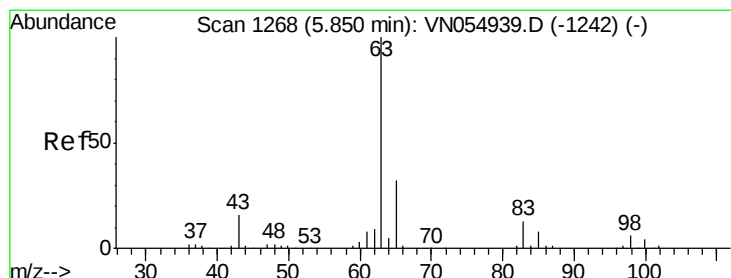
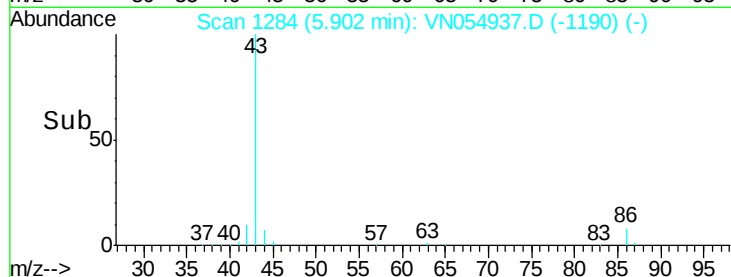
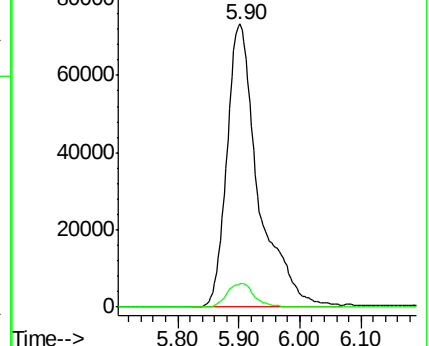
43 100

86 8.2 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 5.032 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

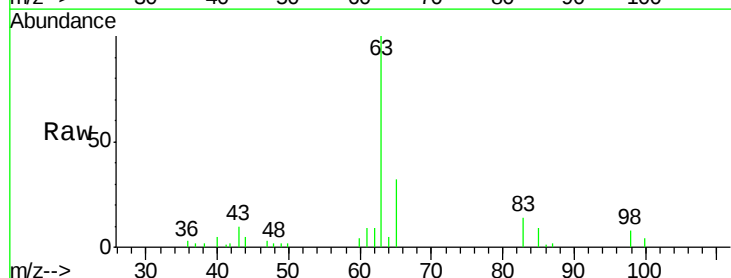
Tgt Ion: 63 Resp: 45330

Ion Ratio Lower Upper

63 100

98 8.0 2.9 8.7

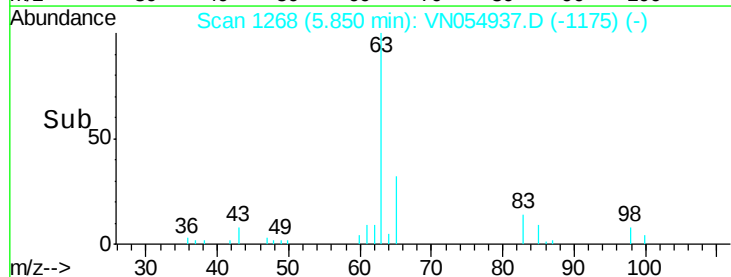
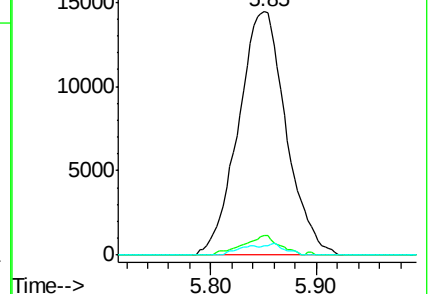
100 3.7 2.1 6.2

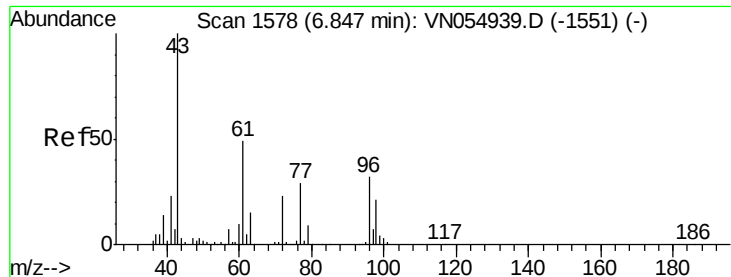


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

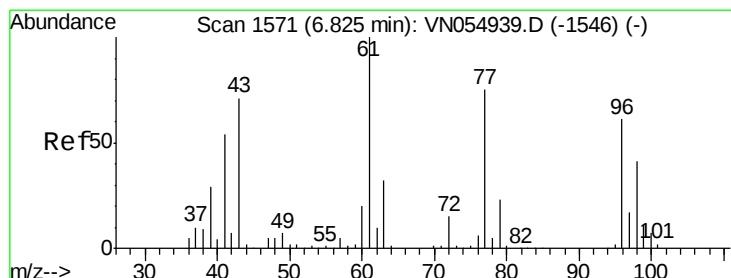
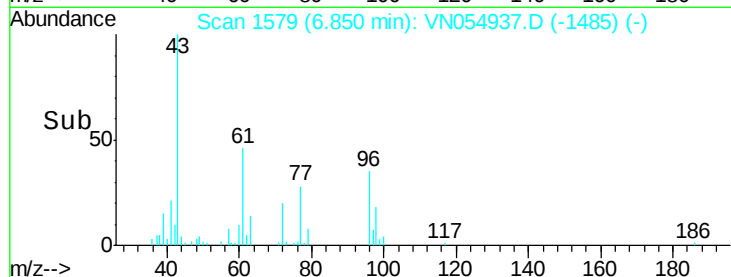
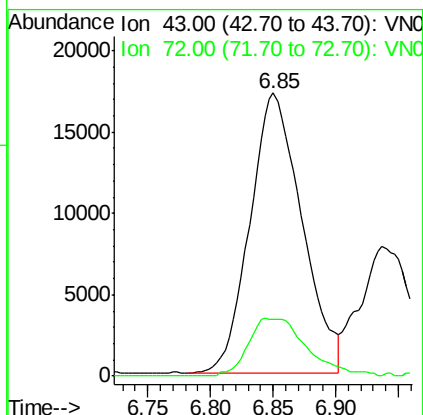
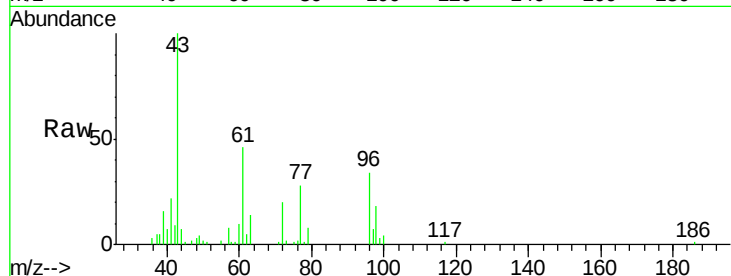




#25
2-Butanone
Concen: 24.377 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

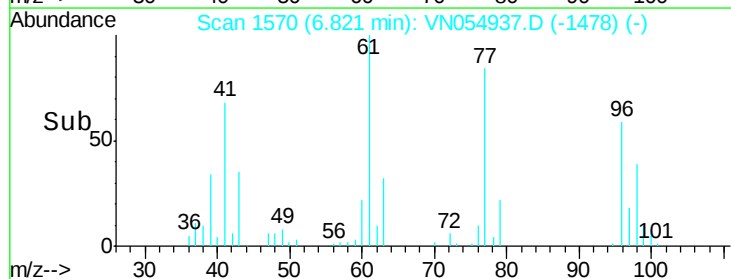
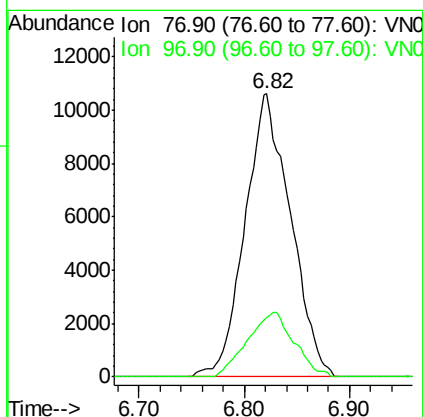
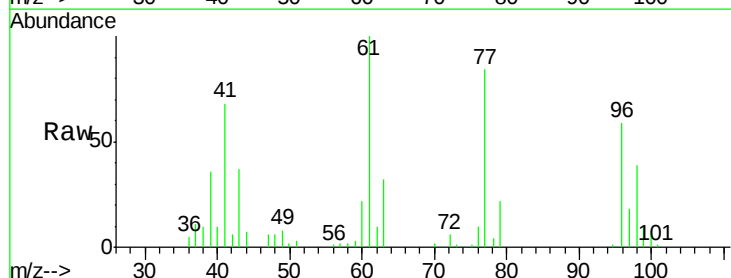
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

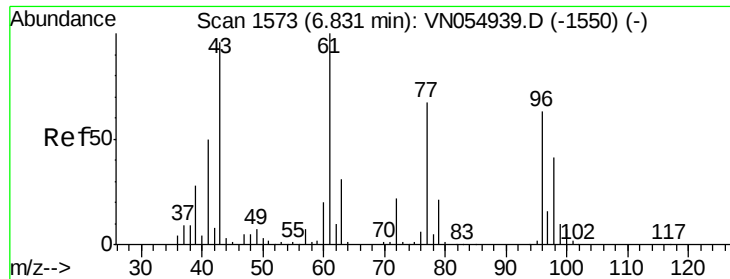
Tgt Ion: 43 Resp: 49616
Ion Ratio Lower Upper
43 100
72 20.1 18.3 27.5



#26
2,2-Dichloropropane
Concen: 5.034 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 77 Resp: 31791
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 5.104 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

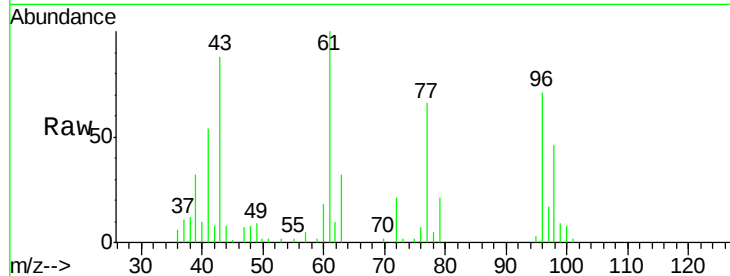
Tgt Ion: 96 Resp: 26202

Ion Ratio Lower Upper

96 100

61 155.4 0.0 316.2

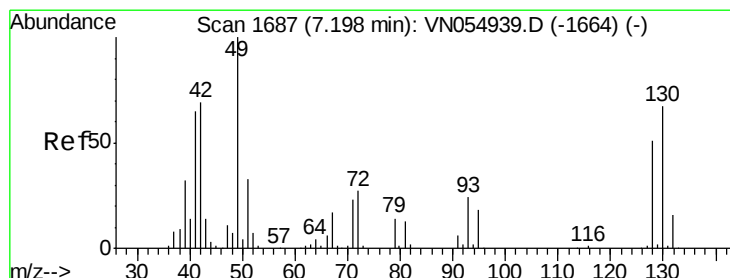
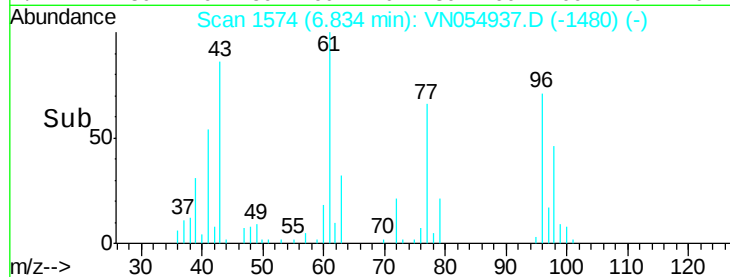
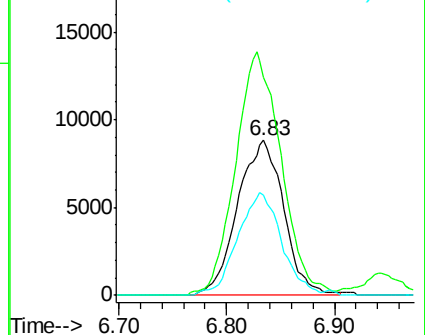
98 63.1 0.0 129.6



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: 5.121 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

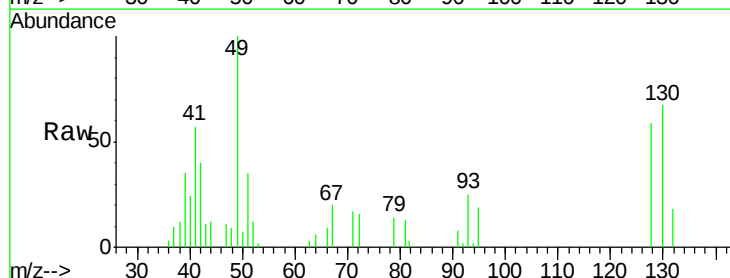
Tgt Ion: 49 Resp: 21611

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

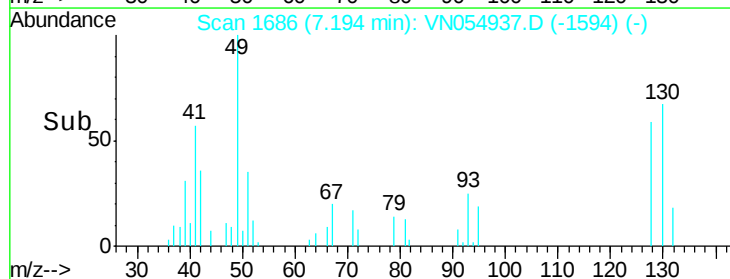
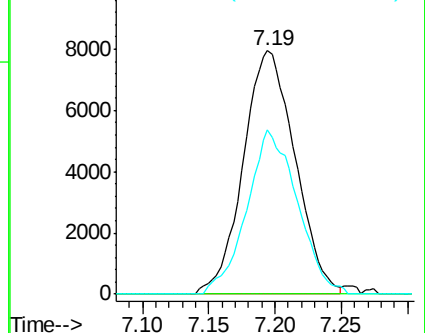
130 65.8 53.1 79.7

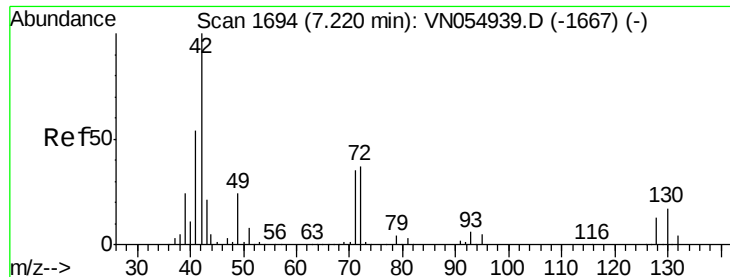


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 24.569 ug/l

RT: 7.23 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

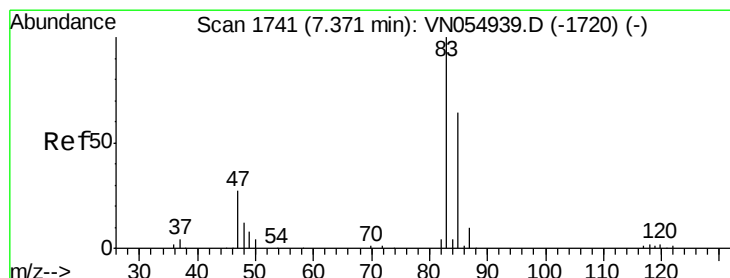
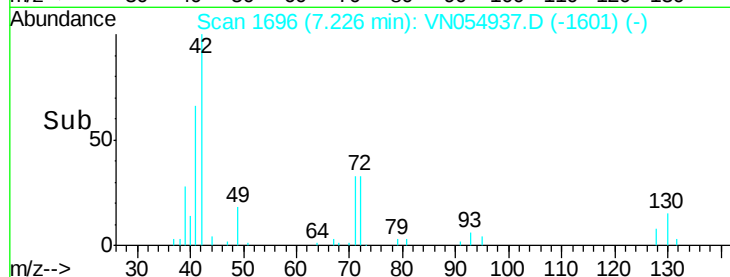
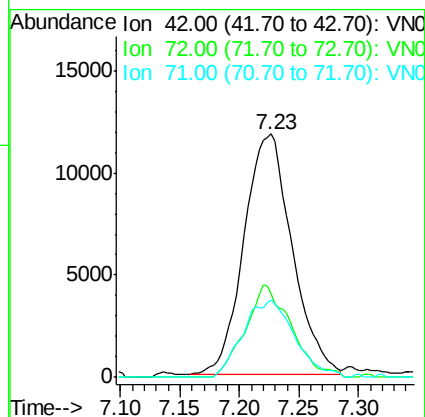
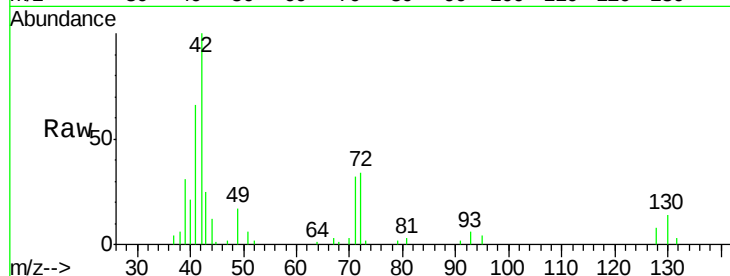
Tgt Ion: 42 Resp: 32777

Ion Ratio Lower Upper

42 100

72 36.6 29.3 43.9

71 34.6 27.8 41.6



#30

Chloroform

Concen: 5.252 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN054937.D

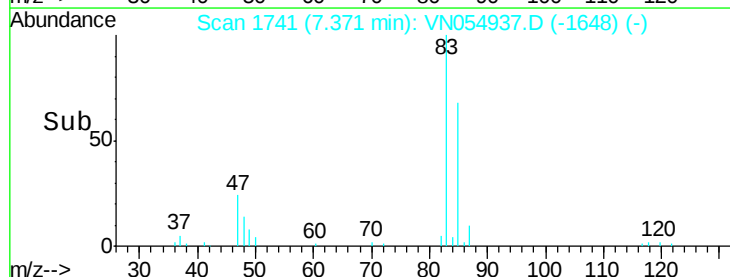
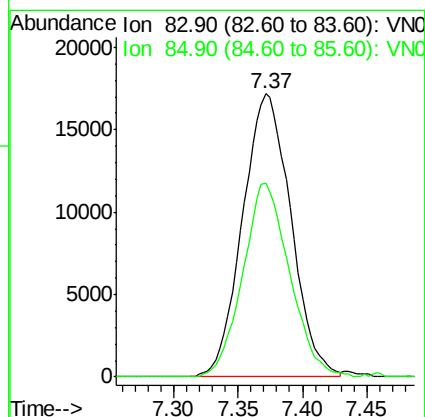
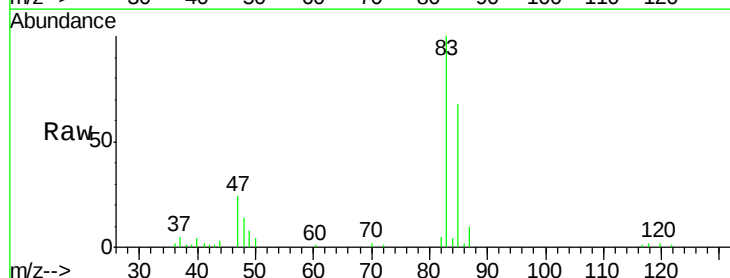
Acq: 4 Apr 2019 10:13

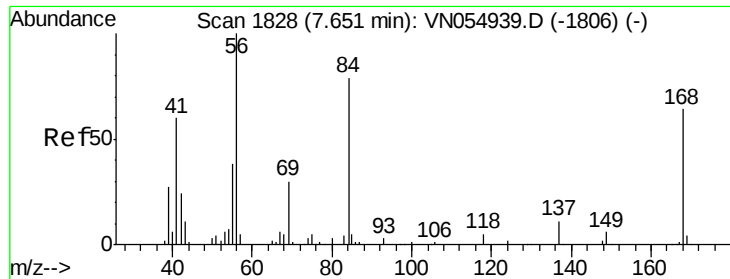
Tgt Ion: 83 Resp: 44832

Ion Ratio Lower Upper

83 100

85 68.4 51.4 77.0

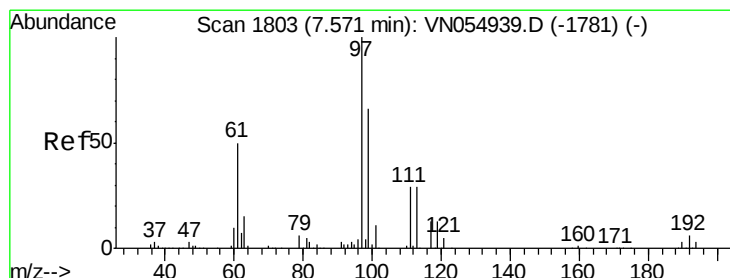
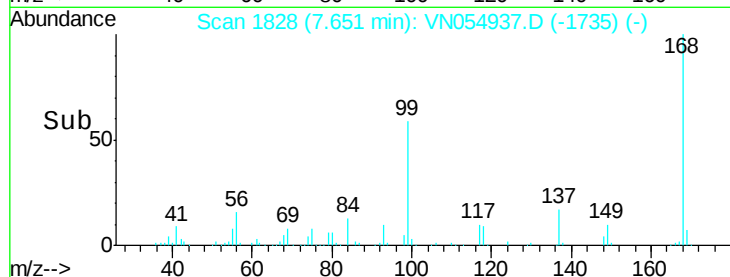
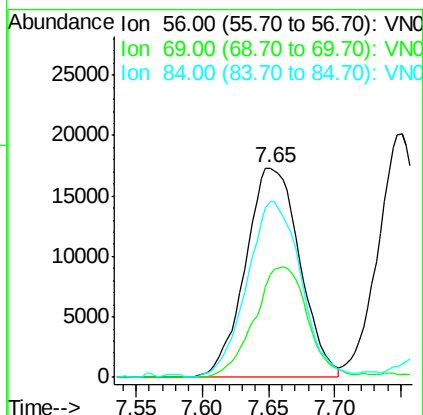
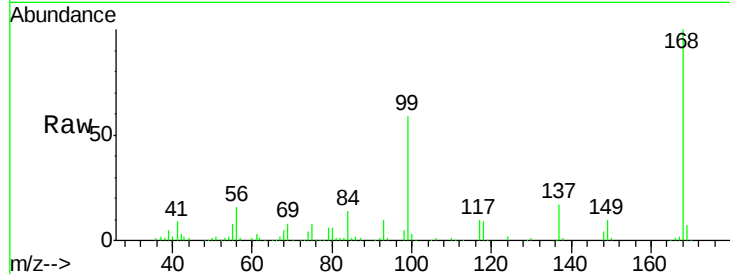




#31
Cyclohexane
Concen: 4.800 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

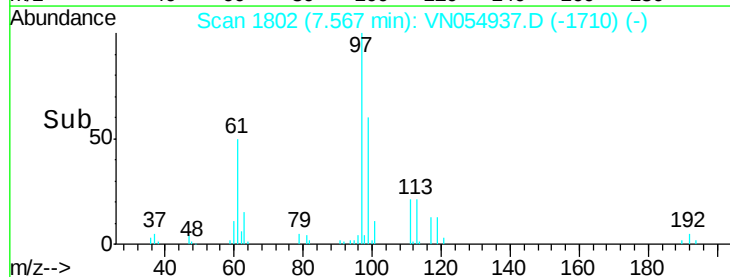
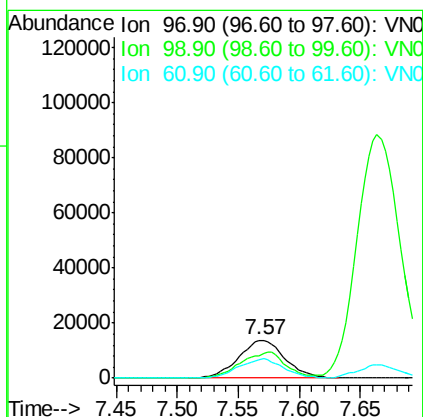
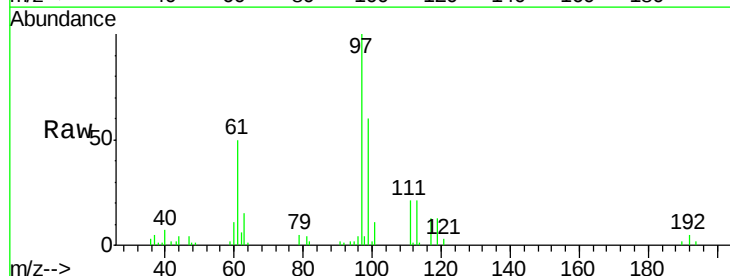
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

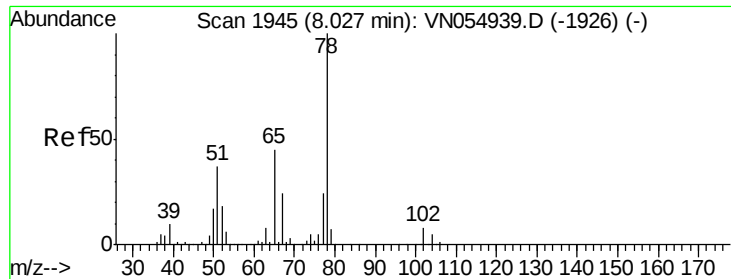
Tgt Ion: 56 Resp: 49366
Ion Ratio Lower Upper
56 100
69 49.1 23.8 35.6#
84 84.3 61.8 92.8



#32
1,1,1-Trichloroethane
Concen: 4.981 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 97 Resp: 35880
Ion Ratio Lower Upper
97 100
99 68.1 52.1 78.1
61 49.7 39.6 59.4





#33

1,2-Dichloroethane-d4

Concen: 5.049 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

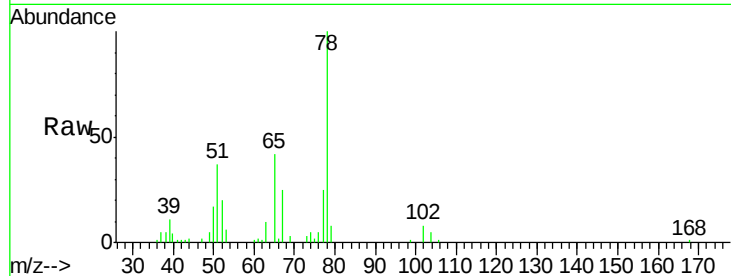
VSTDIC005

Tgt Ion: 65 Resp: 27370

Ion Ratio Lower Upper

65 100

67 56.6 0.0 105.6

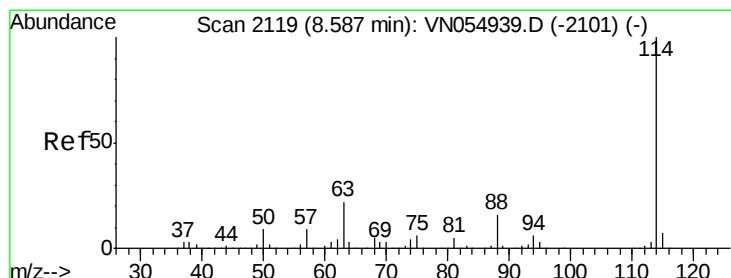
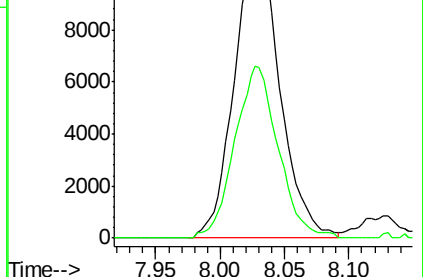
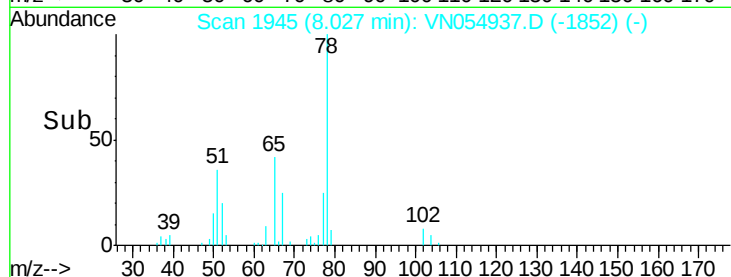


Abundance Ion 64.90 (64.60 to 65.60): VN054937.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN054937.D (-1852) (-)

8.03

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

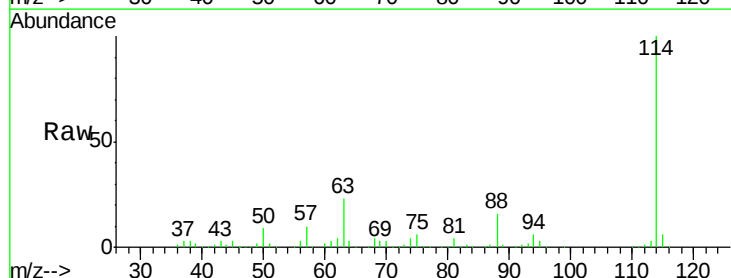
Tgt Ion: 114 Resp: 677538

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 15.6 0.0 32.0



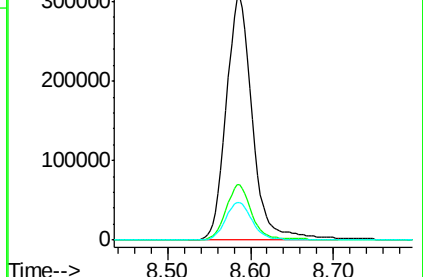
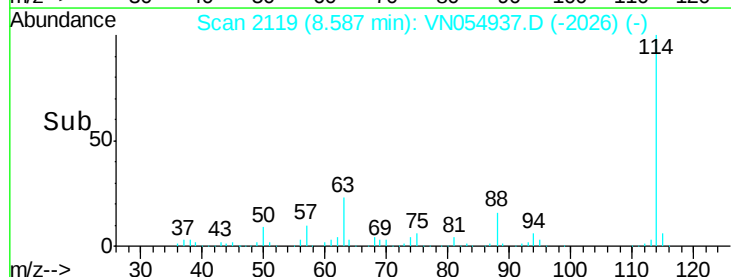
Abundance Ion 113.90 (113.60 to 114.60): VN054937.D (-2026) (-)

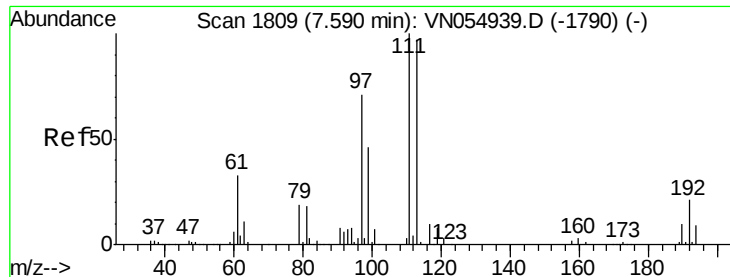
Ion 63.00 (62.70 to 63.70): VN054937.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN054937.D (-2026) (-)

8.59

Time-->

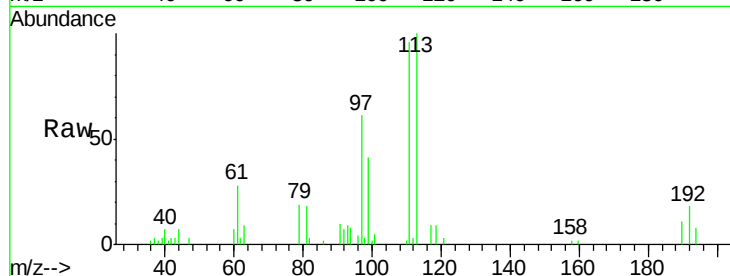




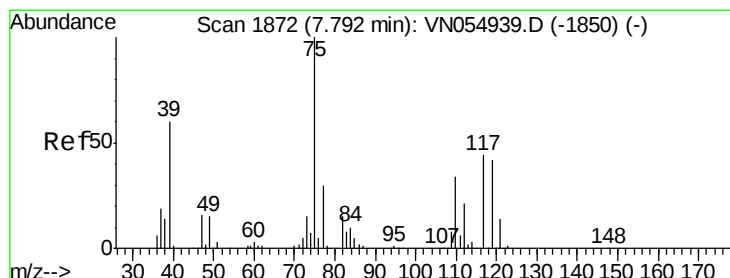
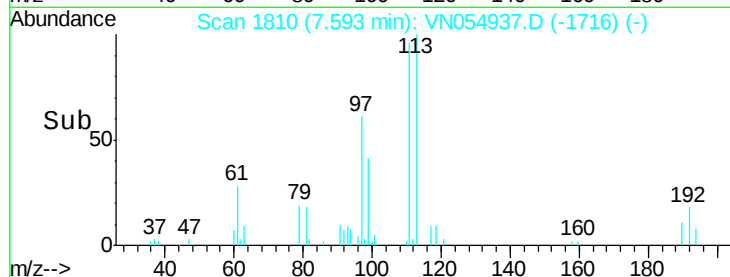
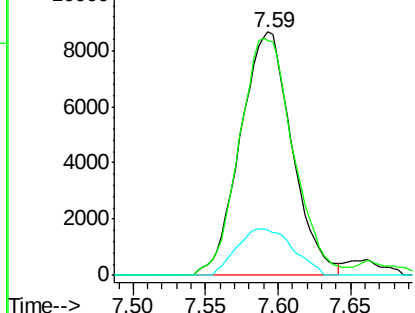
#35
 Dibromofluoromethane
 Concen: 4.869 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 113 Resp: 21475
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.0 121.4
 192 20.7 16.5 24.7

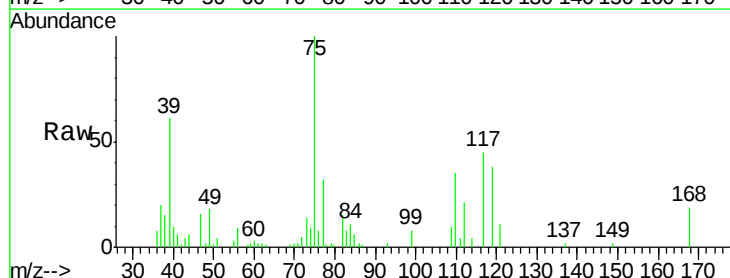


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

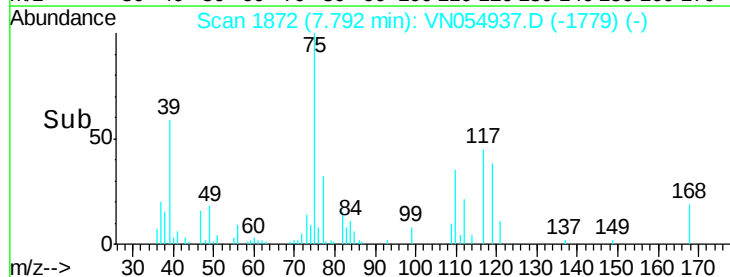
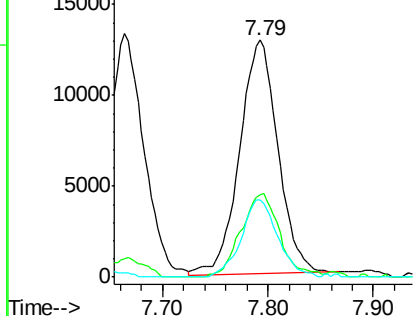


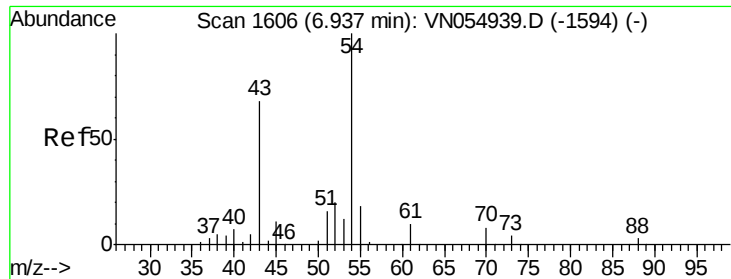
#36
 1,1-Dichloropropene
 Concen: 4.824 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 75 Resp: 32386
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.0 50.9
 77 31.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

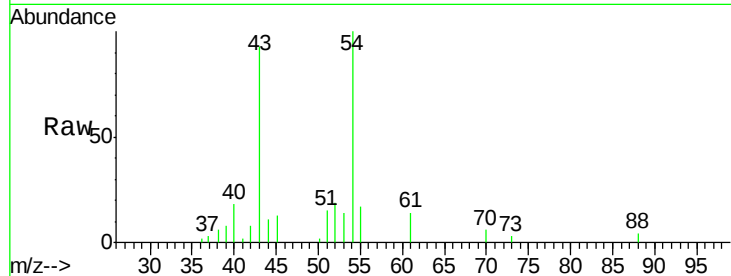




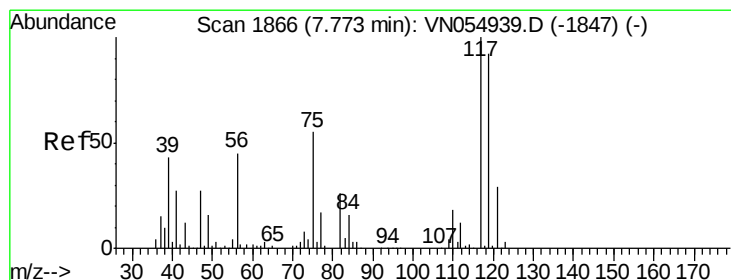
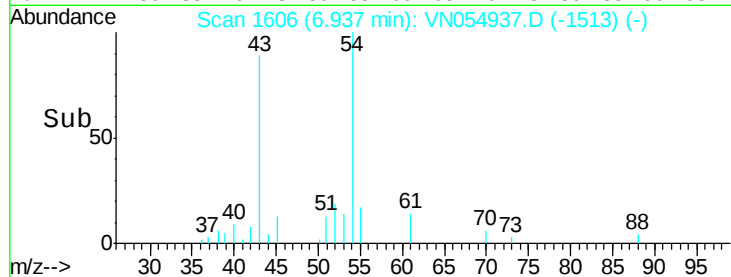
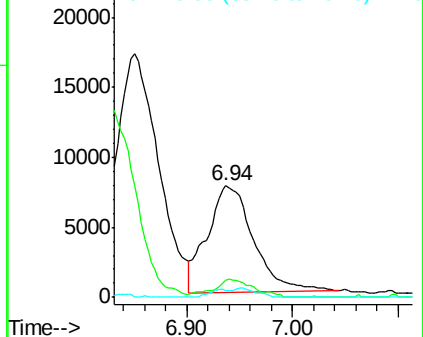
#37
Ethyl Acetate
 Concen: 5.044 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 23236
 Ion Ratio Lower Upper
 43 100
 61 14.5 10.3 15.5
 70 2.7 7.0 10.4#

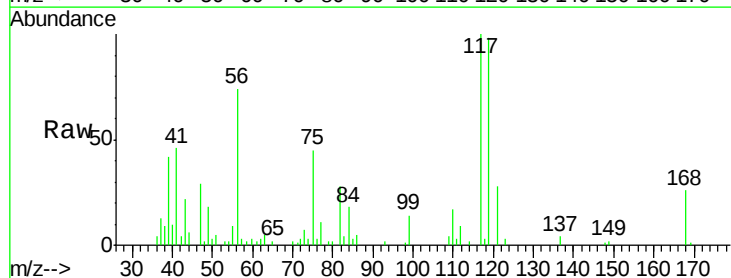


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

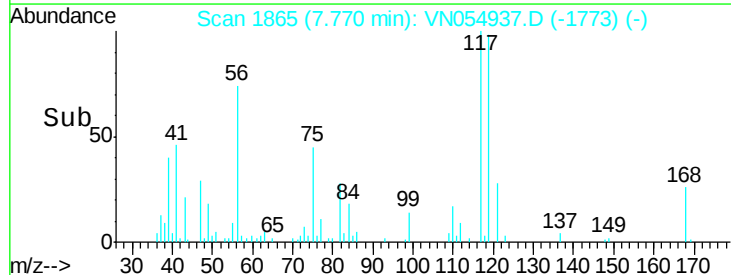
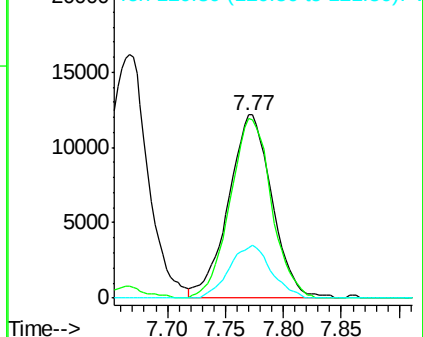


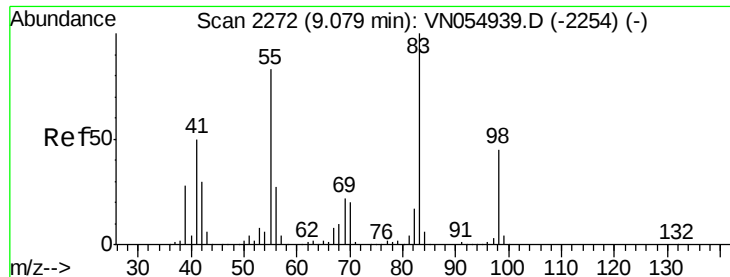
#38
Carbon Tetrachloride
 Concen: 4.891 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 117 Resp: 31708
 Ion Ratio Lower Upper
 117 100
 119 97.6 73.6 110.4
 121 27.5 23.4 35.0



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

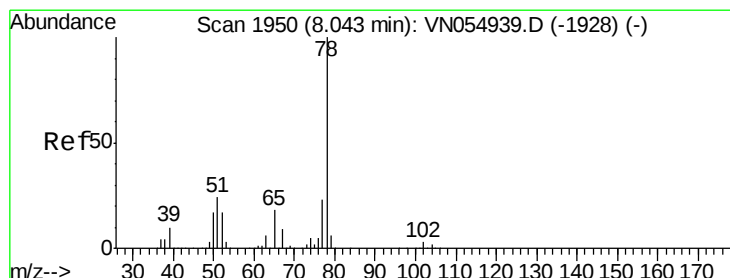
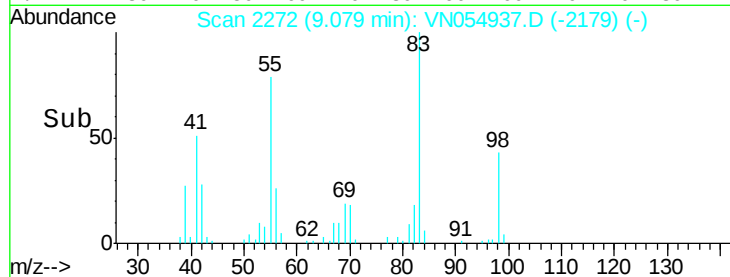
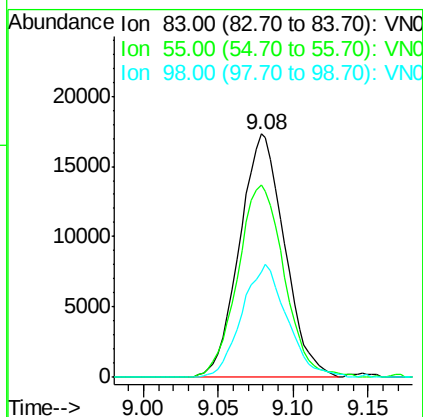
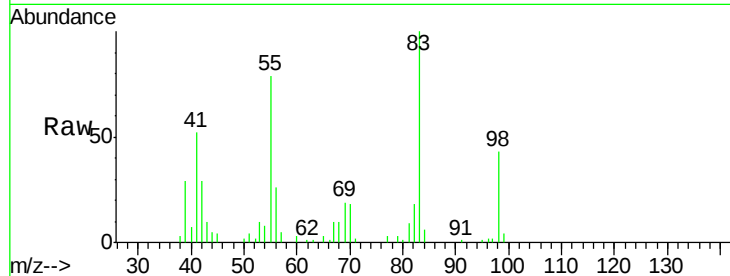




#39
Methylcyclohexane
Concen: 4.898 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

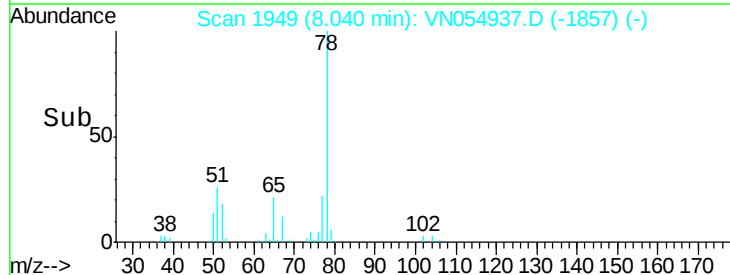
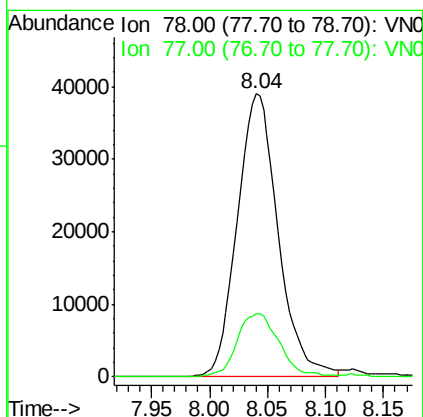
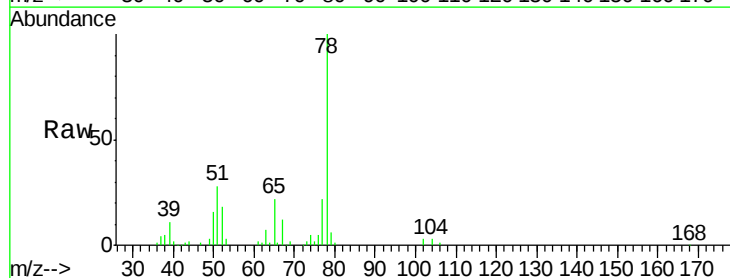
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

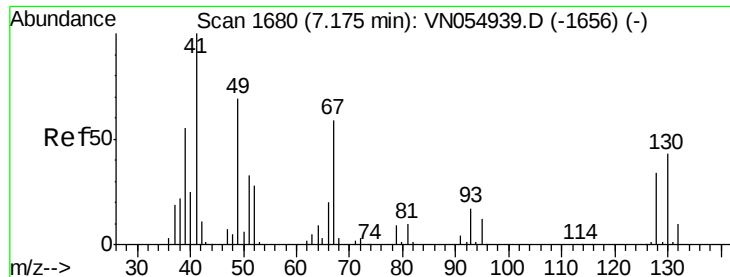
Tgt Ion: 83 Resp: 36178
Ion Ratio Lower Upper
83 100
55 78.9 66.4 99.6
98 43.4 36.4 54.6



#40
Benzene
Concen: 4.952 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 78 Resp: 95664
Ion Ratio Lower Upper
78 100
77 22.2 18.6 27.8

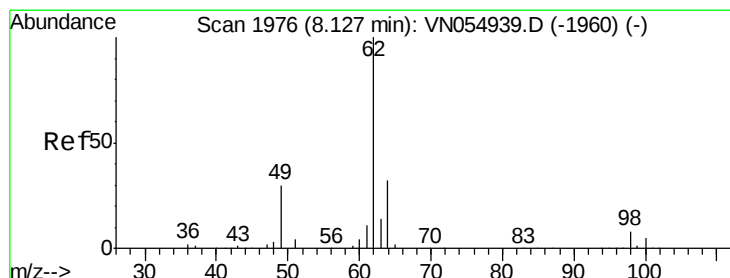
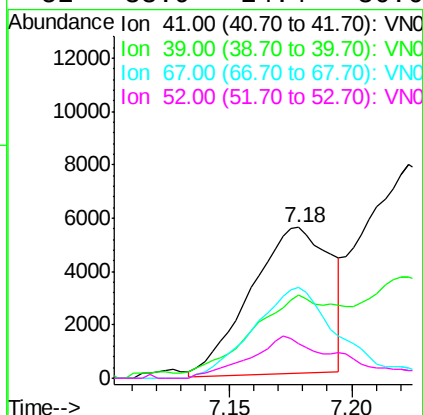
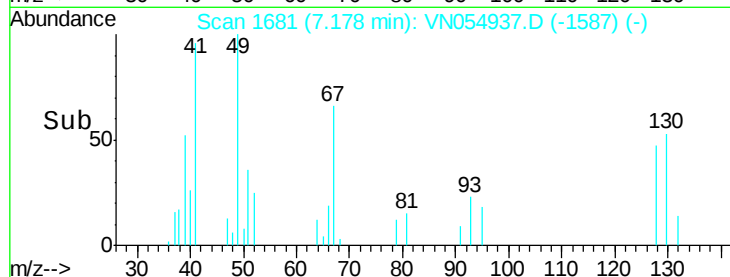
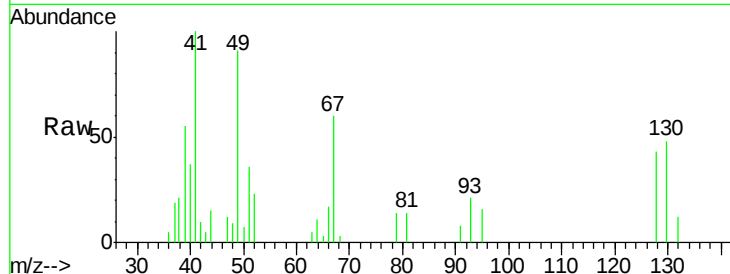




#41
Methacrylonitrile
Concen: 4.735 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

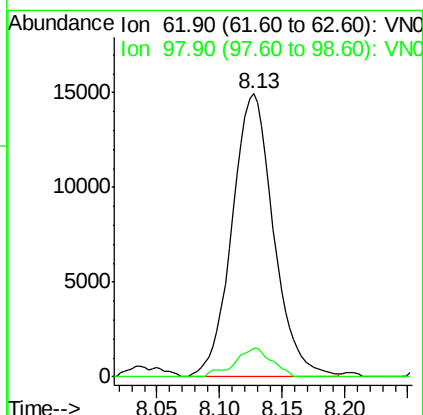
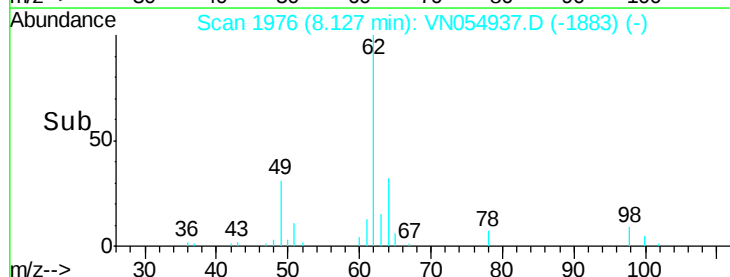
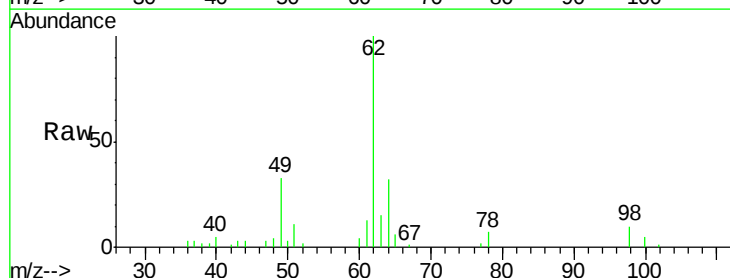
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

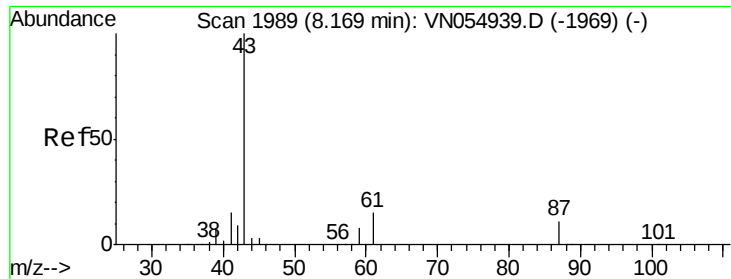
Tgt Ion:	41	Resp:	12473
Ion	Ratio	Lower	Upper
41	100		
39	55.8	43.0	64.6
67	68.8	55.0	82.6
52	33.9	24.4	36.6



#42
1,2-Dichloroethane
Concen: 5.086 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:	62	Resp:	34522
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 4.607 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

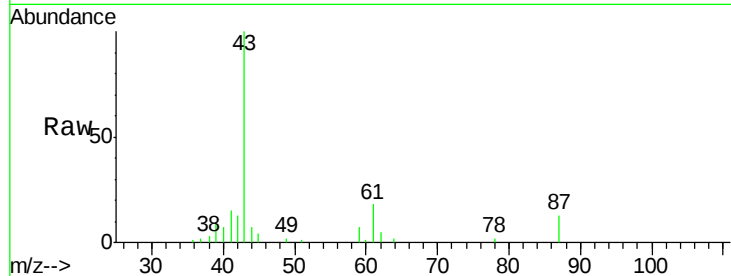
Tgt Ion: 43 Resp: 35772

Ion Ratio Lower Upper

43 100

61 18.8 14.4 21.6

87 11.3 9.0 13.4

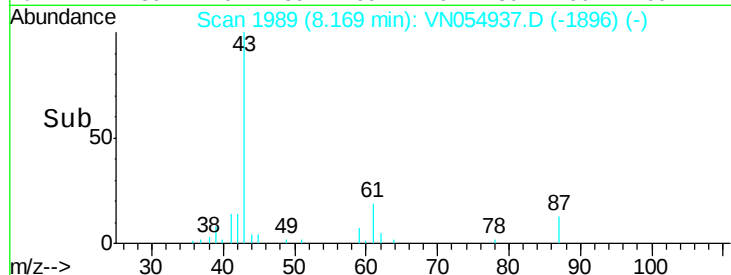


Abundance Ion 43.00 (42.70 to 43.70): VN054937.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN054937.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN054937.D (-1969) (-)

Time-->



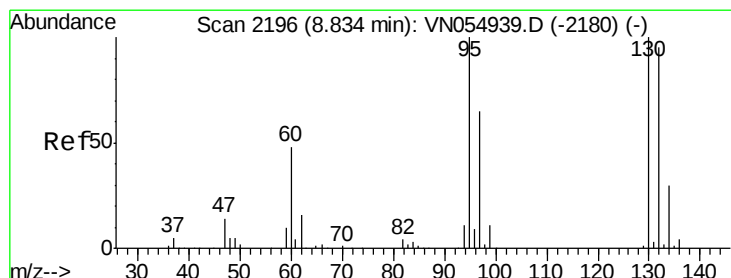
Abundance

Ion 43.00 (42.70 to 43.70): VN054937.D (-1896) (-)

Ion 61.00 (60.70 to 61.70): VN054937.D (-1896) (-)

Ion 87.00 (86.70 to 87.70): VN054937.D (-1896) (-)

Time-->



#44

Trichloroethene

Concen: 5.041 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054937.D

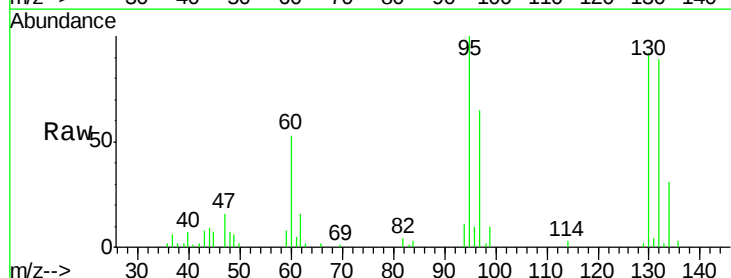
Acq: 4 Apr 2019 10:13

Tgt Ion: 130 Resp: 24899

Ion Ratio Lower Upper

130 100

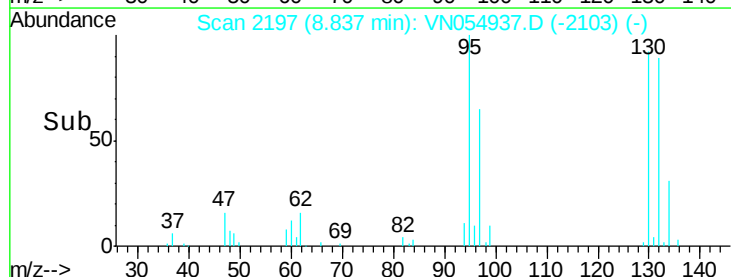
95 108.2 0.0 200.4



Abundance Ion 129.80 (129.50 to 130.50): VN054937.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054937.D (-2180) (-)

Time-->

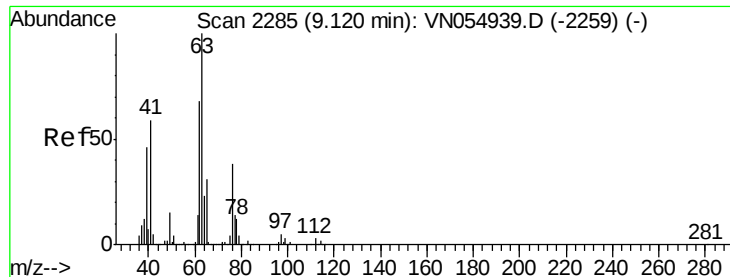


Abundance

Ion 129.80 (129.50 to 130.50): VN054937.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN054937.D (-2103) (-)

Time-->



#45

1,2-Dichloropropane

Concen: 5.197 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

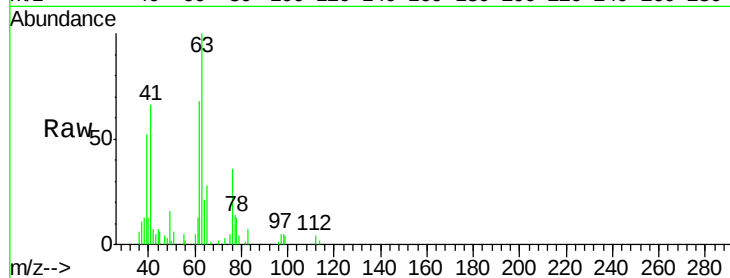
VSTDIC005

Tgt Ion: 63 Resp: 27974

Ion Ratio Lower Upper

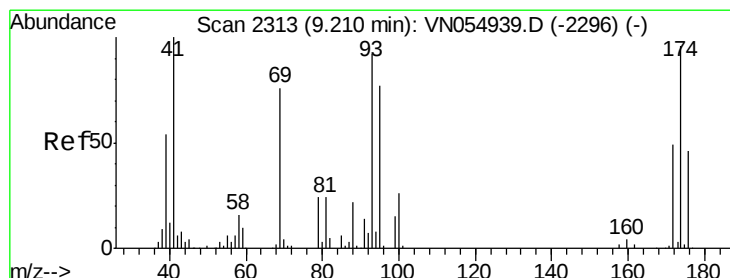
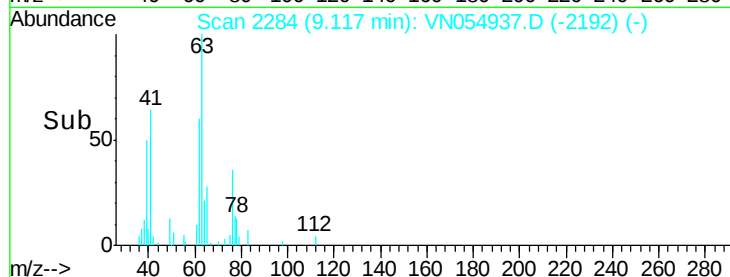
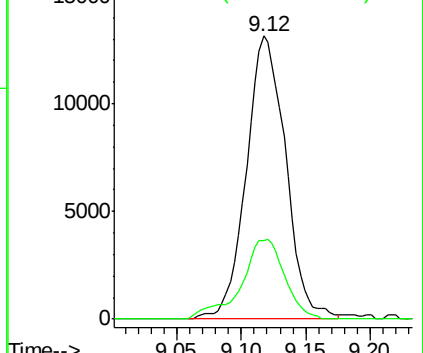
63 100

65 27.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 5.074 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

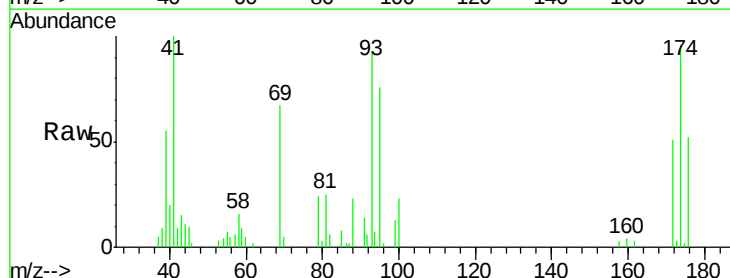
Tgt Ion: 93 Resp: 15486

Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

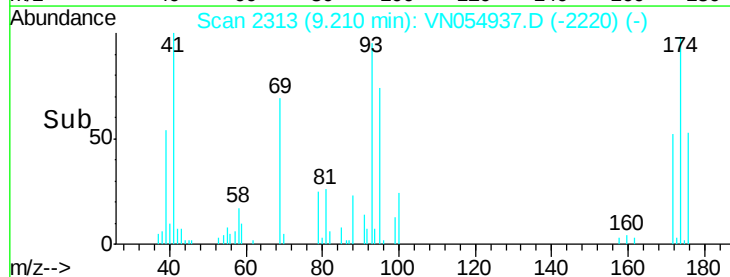
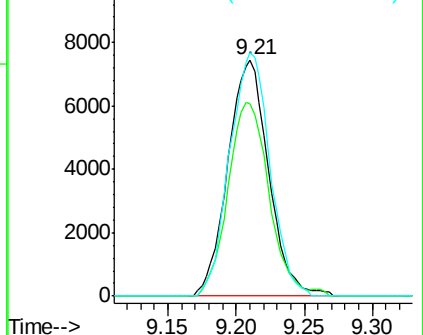
174 101.8 82.0 123.0

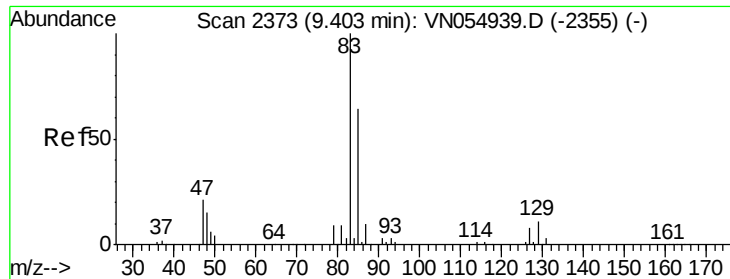


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

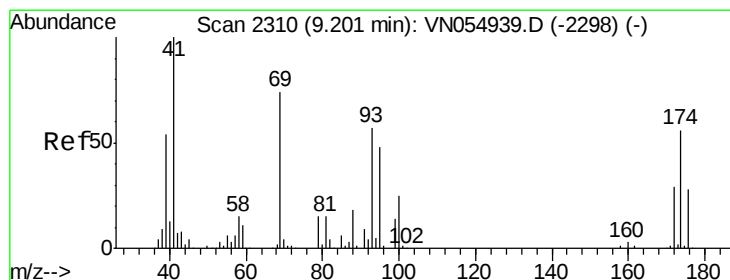
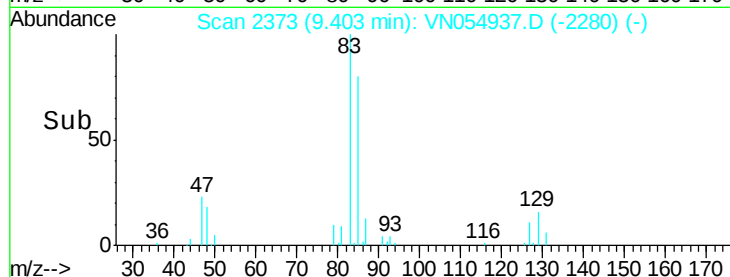
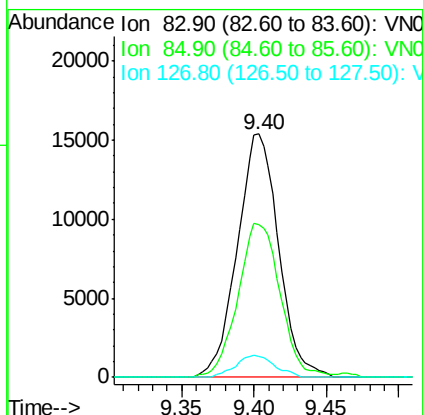
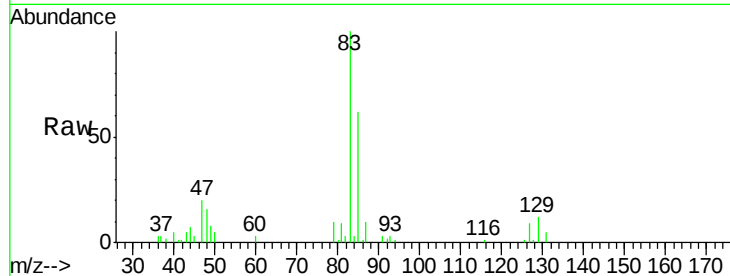




#47
 Bromodichloromethane
 Concen: 4.752 ug/l
 RT: 9.40 min Scan# 2373
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

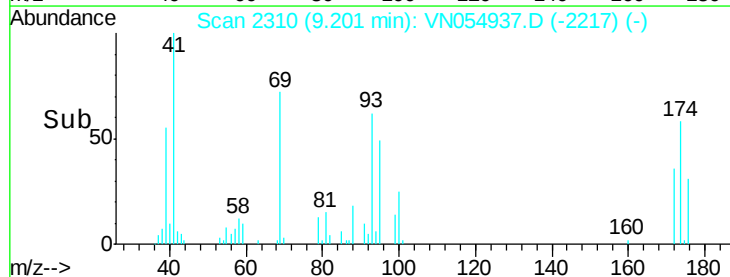
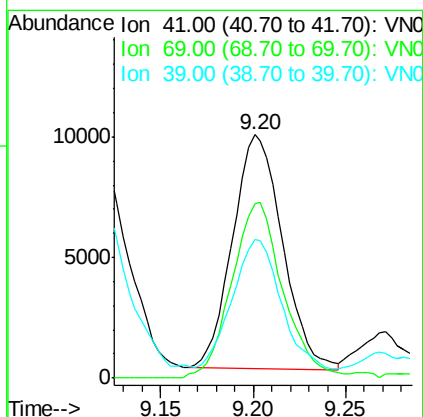
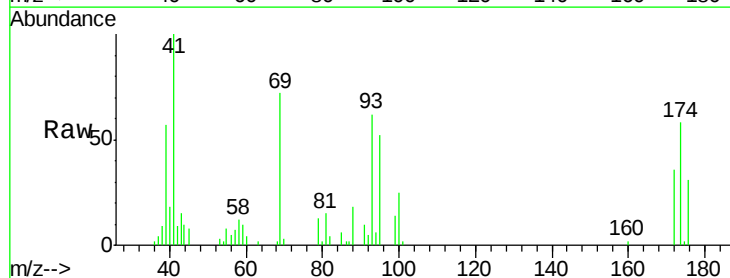
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

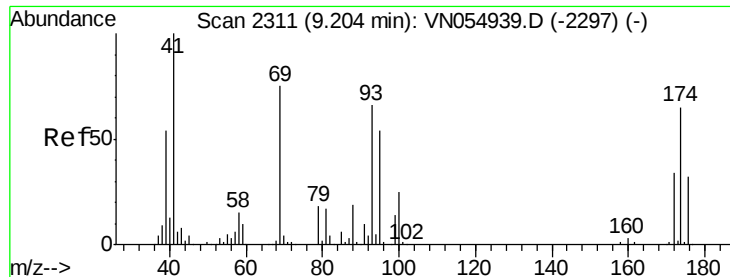
Tgt Ion: 83 Resp: 30461
 Ion Ratio Lower Upper
 83 100
 85 62.5 51.1 76.7
 127 8.6 6.7 10.1



#48
 Methyl methacrylate
 Concen: 4.624 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 41 Resp: 18174
 Ion Ratio Lower Upper
 41 100
 69 76.8 58.9 88.3
 39 62.6 44.2 66.4





#49

1,4-Dioxane

Concen: 99.892 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.01 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

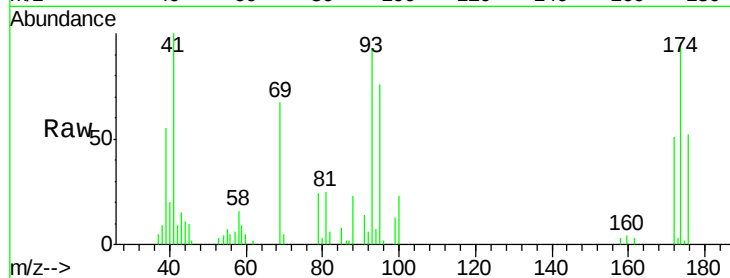
Tgt Ion: 88 Resp: 3963

Ion Ratio Lower Upper

88 100

43 26.9 31.5 47.3#

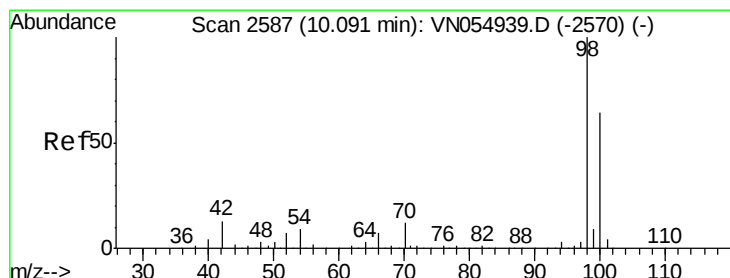
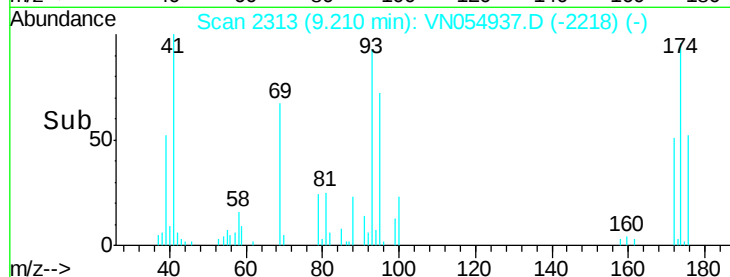
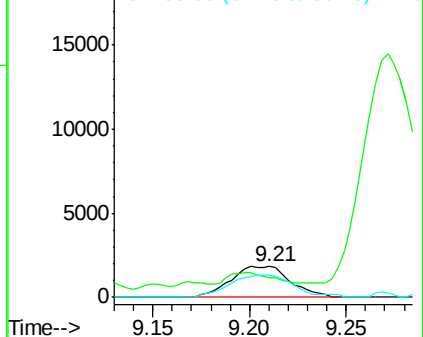
58 76.8 61.9 92.9



Abundance Ion 88.00 (87.70 to 88.70): VN054937.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN054937.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN054937.D (-2218) (-)



#50

Toluene-d8

Concen: 4.718 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054937.D

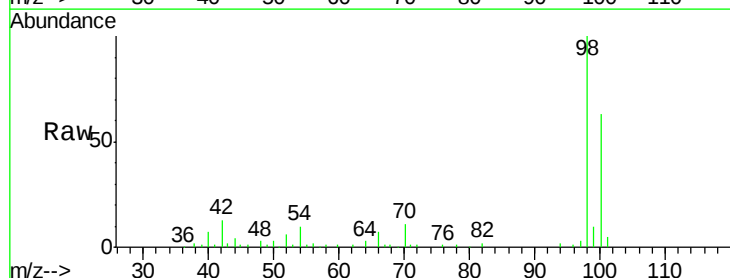
Acq: 4 Apr 2019 10:13

Tgt Ion: 98 Resp: 78954

Ion Ratio Lower Upper

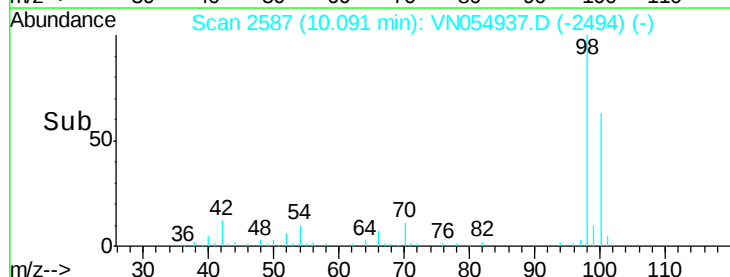
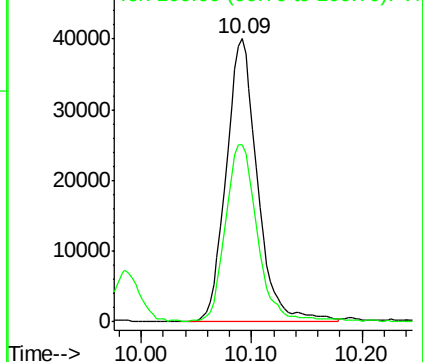
98 100

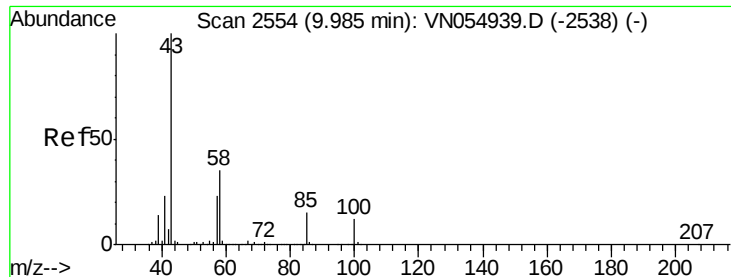
100 64.5 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN054937.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054937.D (-2494) (-)

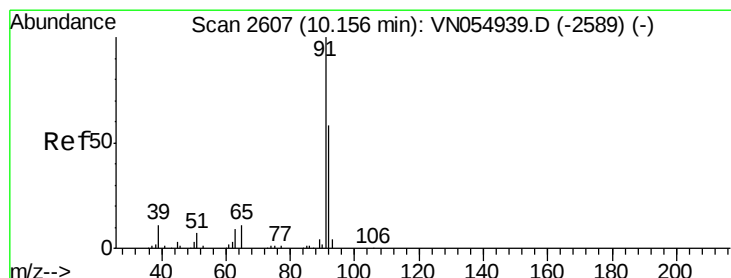
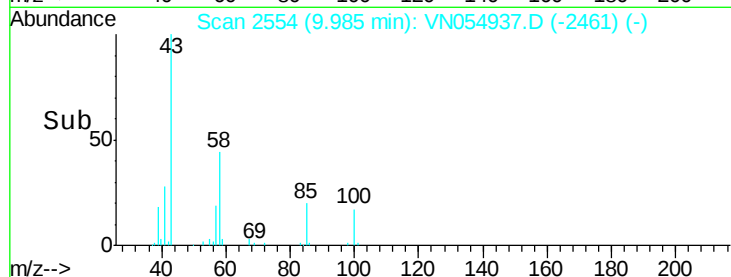
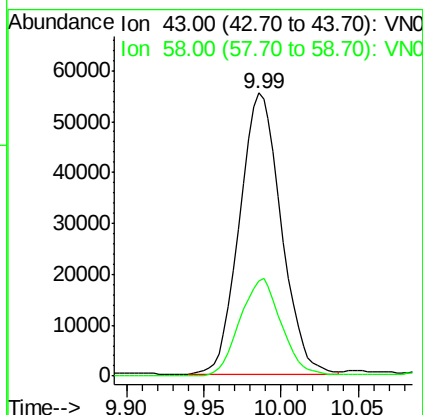
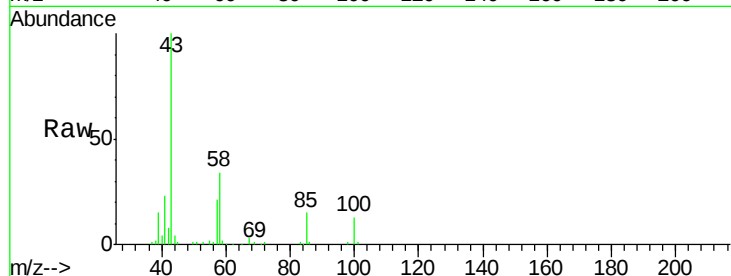




#51
 4-Methyl-2-Pentanone
 Concen: 23.889 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

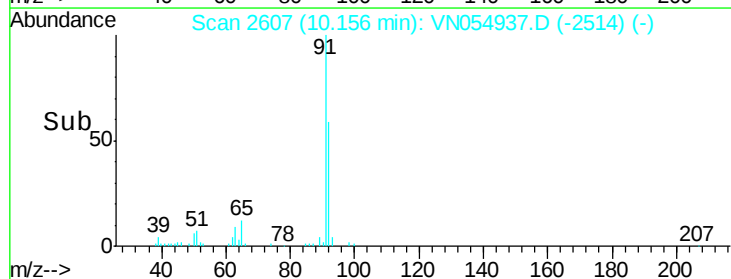
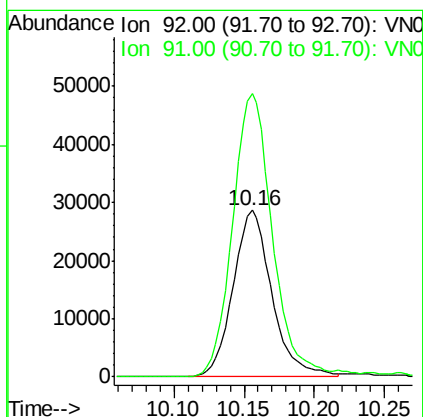
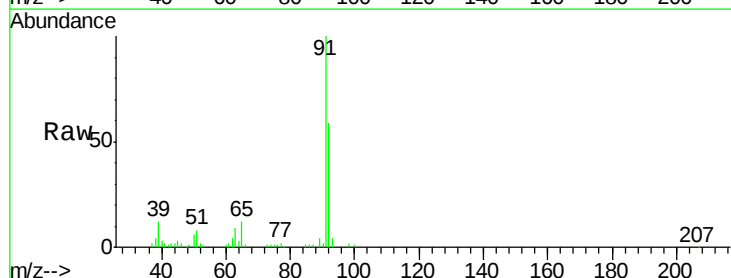
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

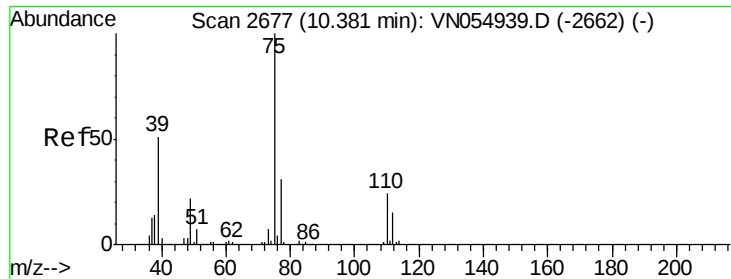
Tgt Ion: 43 Resp: 103475
 Ion Ratio Lower Upper
 43 100
 58 34.7 28.3 42.5



#52
 Toluene
 Concen: 4.854 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 92 Resp: 55275
 Ion Ratio Lower Upper
 92 100
 91 175.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 4.217 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

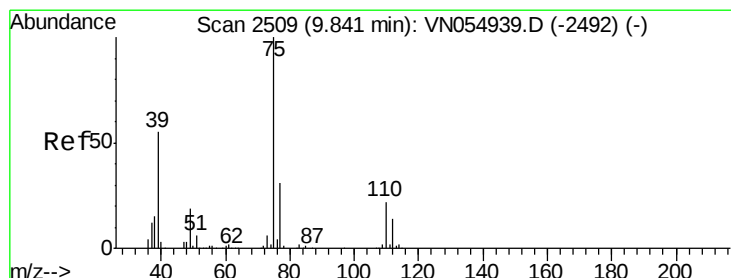
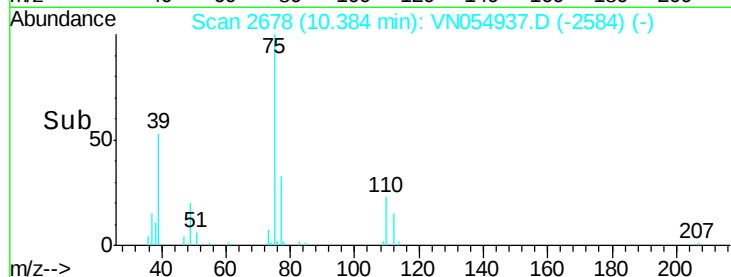
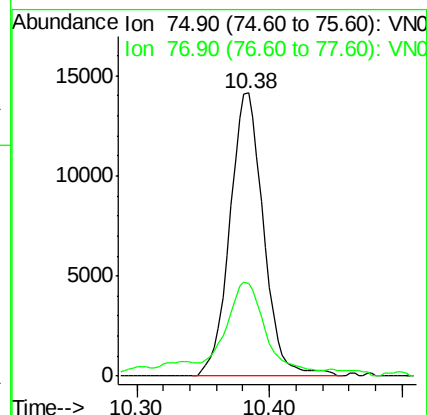
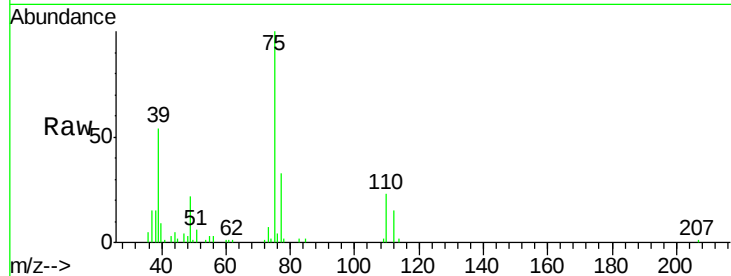
VSTDIC005

Tgt Ion: 75 Resp: 24951

Ion Ratio Lower Upper

75 100

77 31.0 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 4.612 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

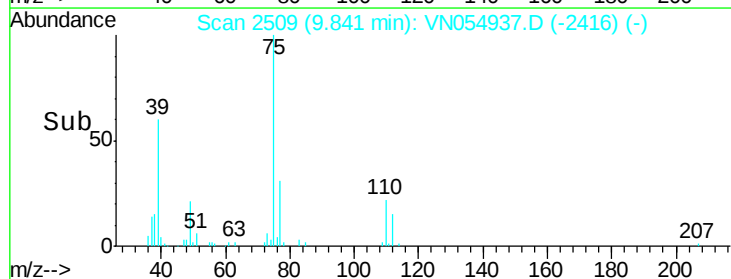
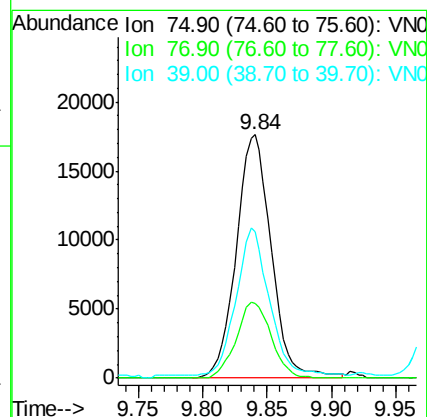
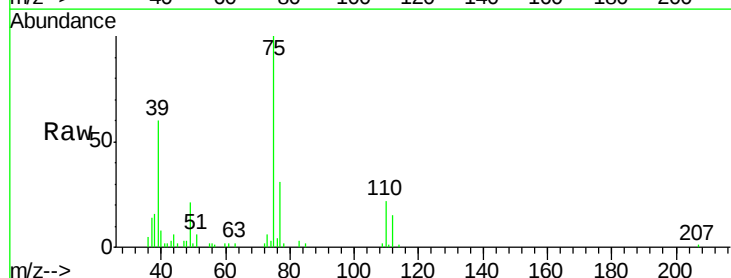
Tgt Ion: 75 Resp: 33278

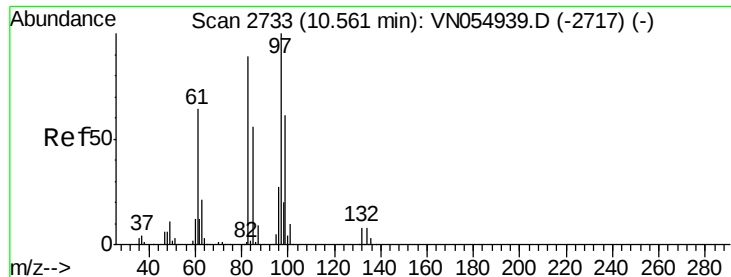
Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.4

39 58.7 43.9 65.9

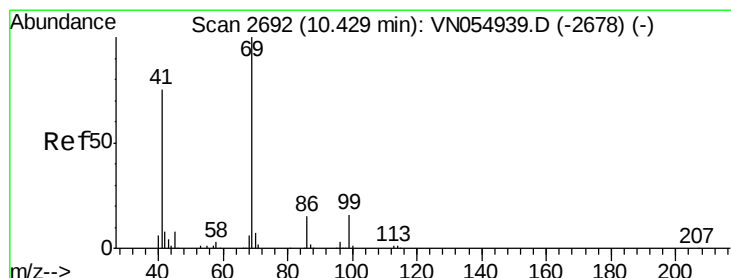
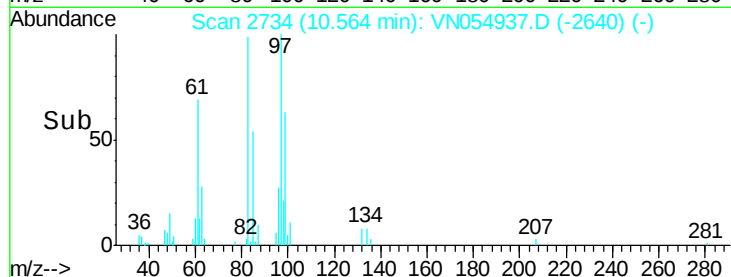
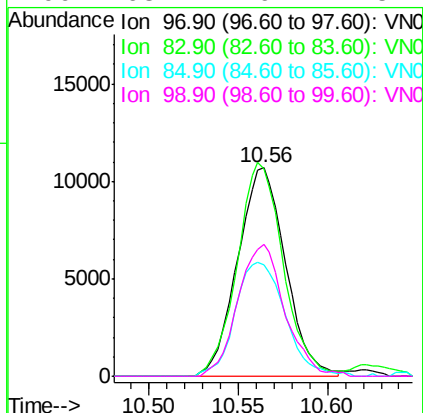
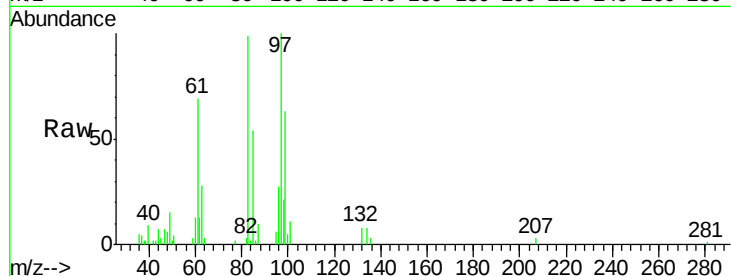




#55
 1,1,2-Trichloroethane
 Concen: 4.855 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

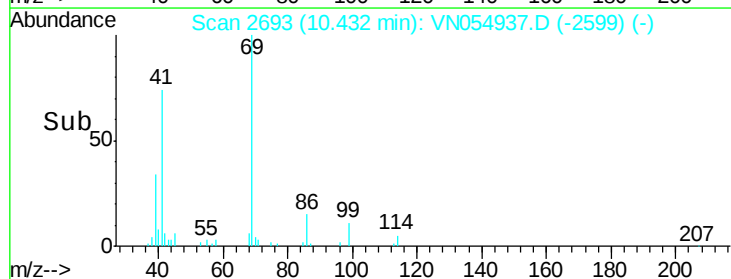
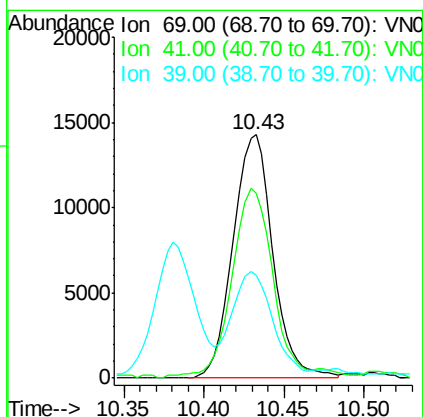
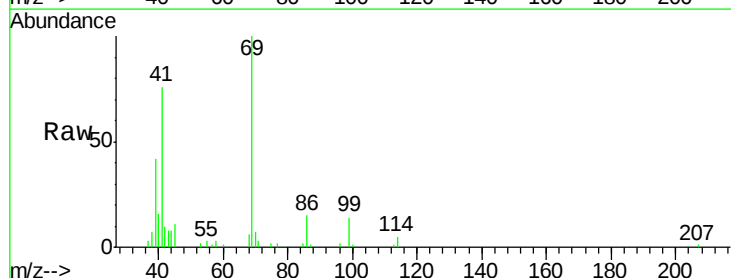
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

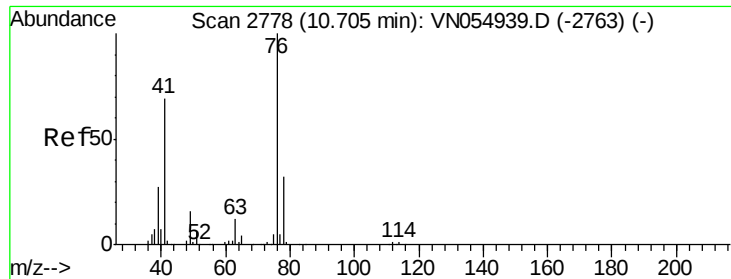
Tgt Ion:	97	Resp:	20041
Ion	Ratio	Lower	Upper
97	100		
83	99.4	71.5	107.3
85	53.6	45.0	67.6
99	63.2	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 4.502 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion:	69	Resp:	24298
Ion	Ratio	Lower	Upper
69	100		
41	79.9	60.2	90.2
39	41.0	31.3	46.9

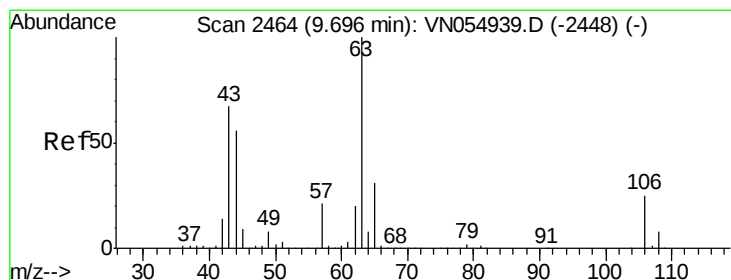
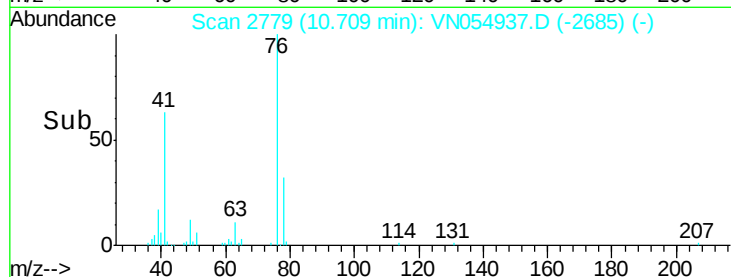
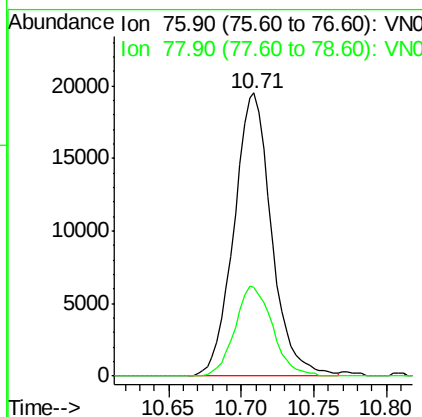
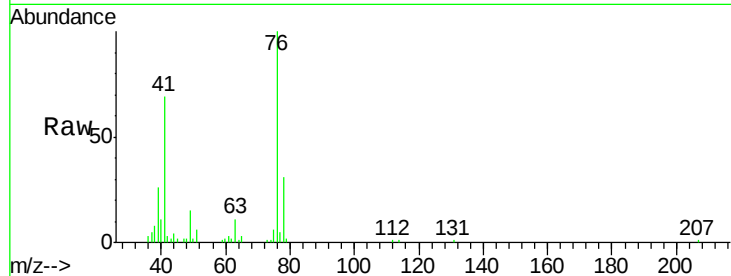




#57
 1,3-Dichloropropane
 Concen: 4.869 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

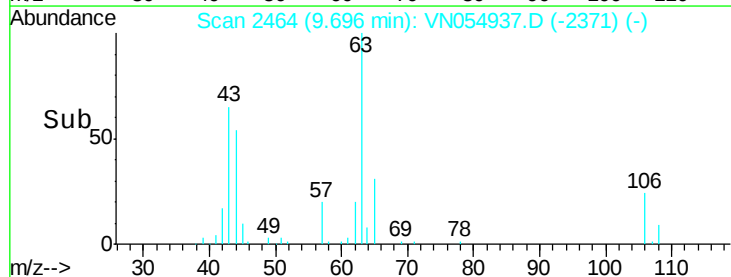
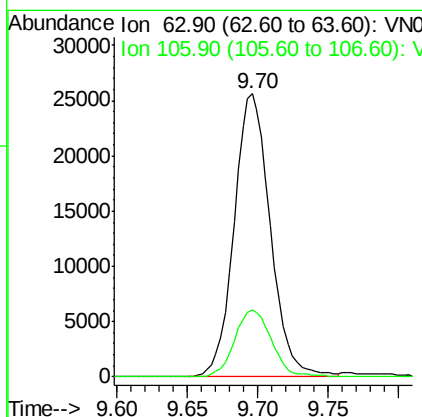
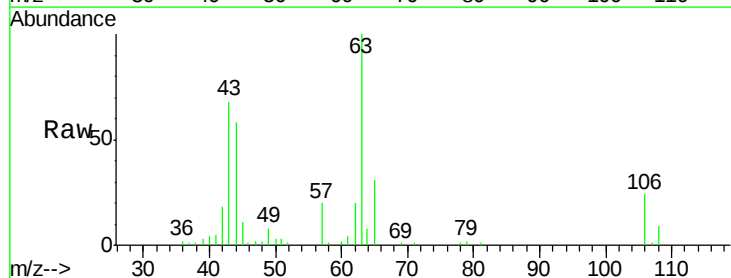
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

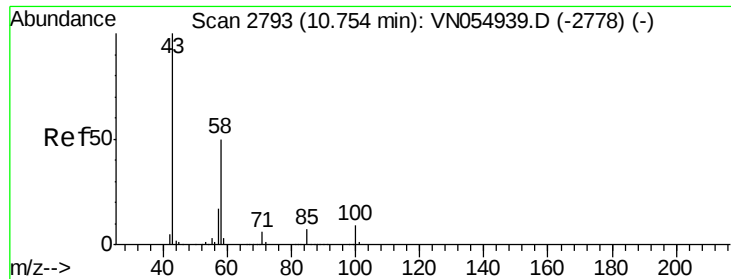
Tgt Ion: 76 Resp: 35104
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.640 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 63 Resp: 46152
 Ion Ratio Lower Upper
 63 100
 106 24.2 19.7 29.5

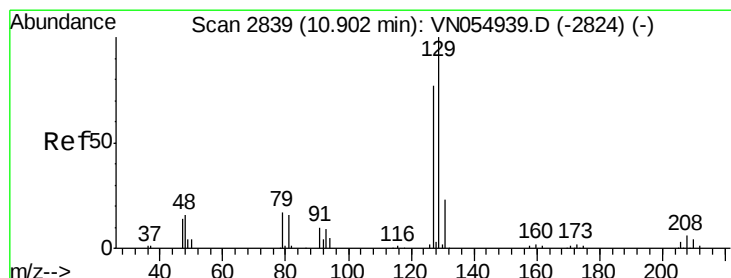
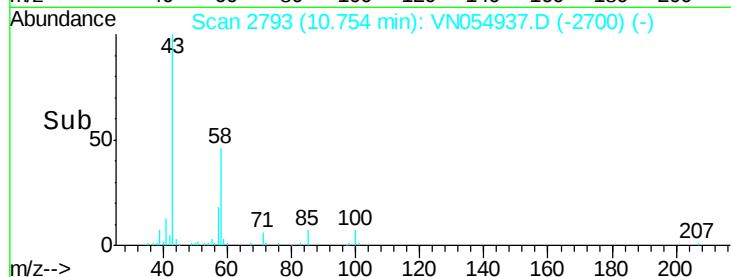
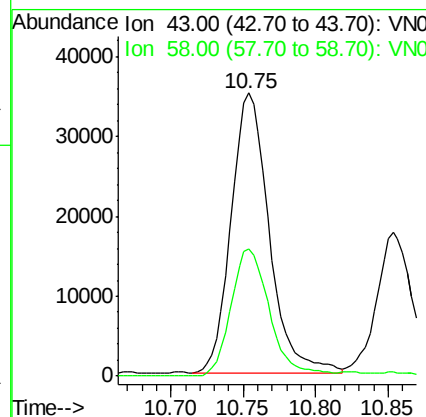
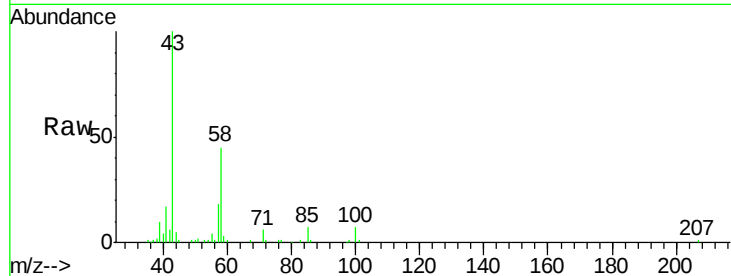




#59
2-Hexanone
Concen: 23.660 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

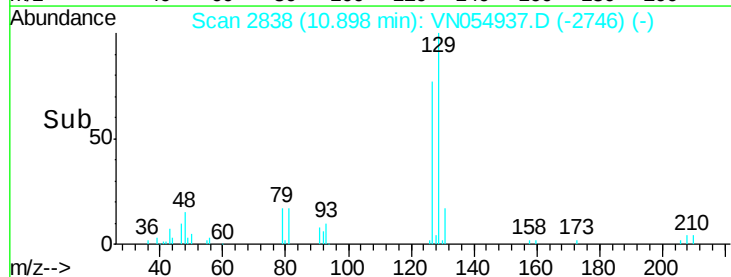
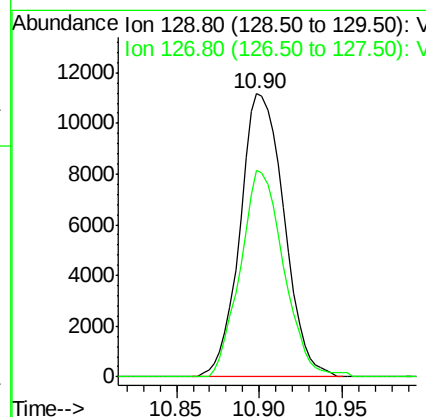
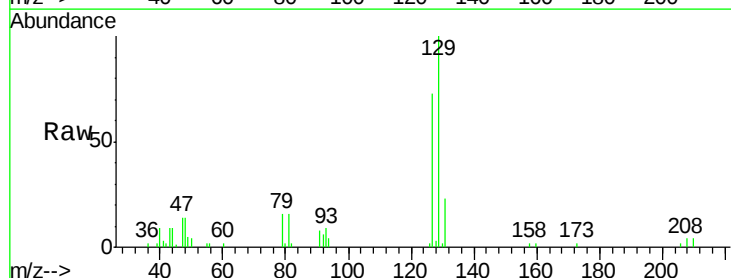
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

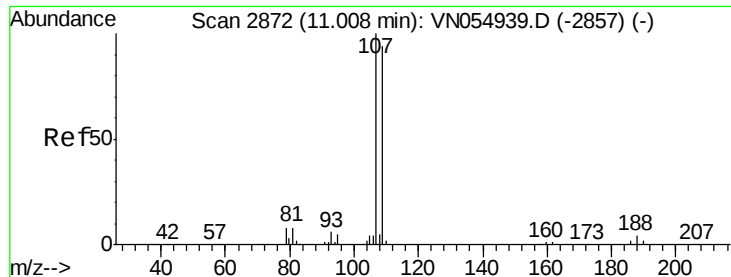
Tgt Ion: 43 Resp: 64013
Ion Ratio Lower Upper
43 100
58 45.9 24.6 73.8



#60
Dibromochloromethane
Concen: 4.774 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 129 Resp: 20645
Ion Ratio Lower Upper
129 100
127 71.8 38.4 115.2

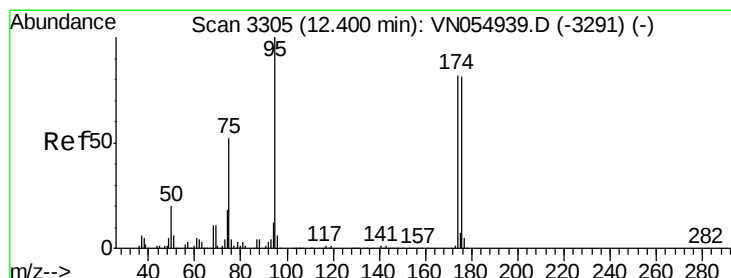
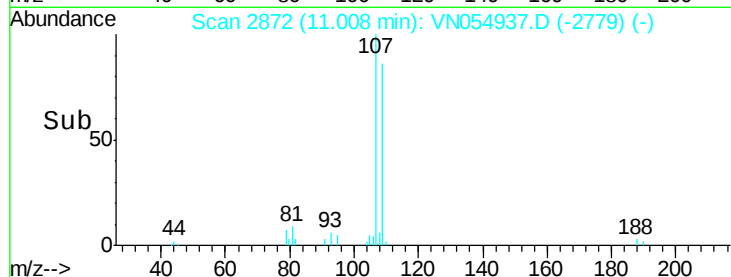
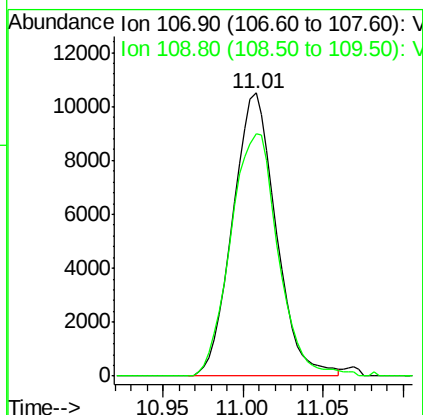
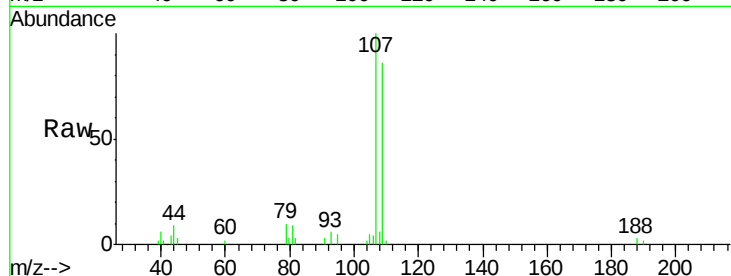




#61
 1,2-Dibromoethane
 Concen: 5.010 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

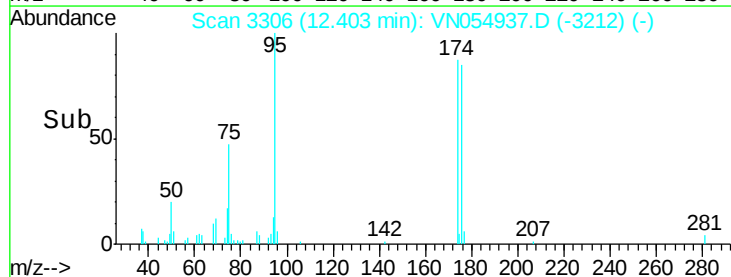
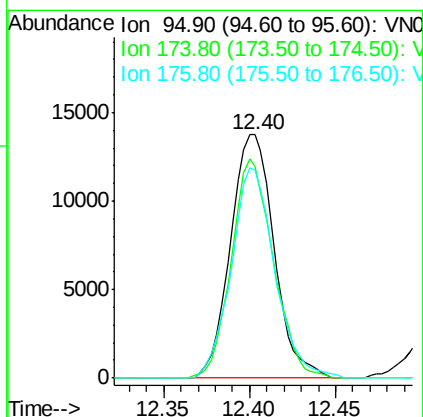
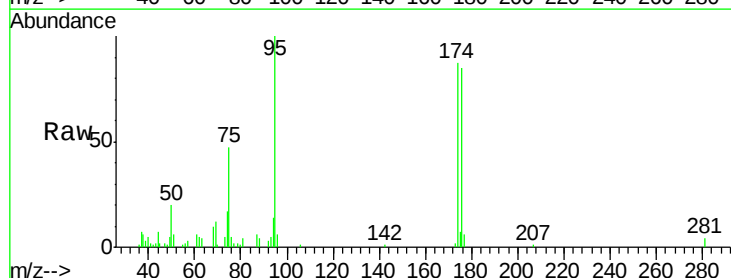
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

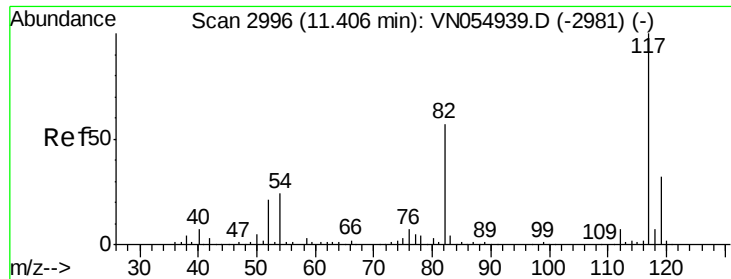
Tgt Ion: 107 Resp: 19447
 Ion Ratio Lower Upper
 107 100
 109 93.8 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 4.360 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 95 Resp: 24352
 Ion Ratio Lower Upper
 95 100
 174 86.5 0.0 166.2
 176 86.2 0.0 163.2

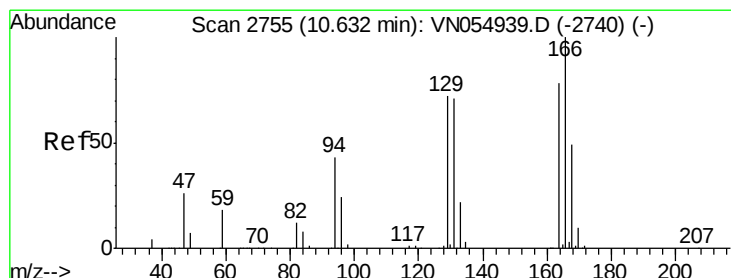
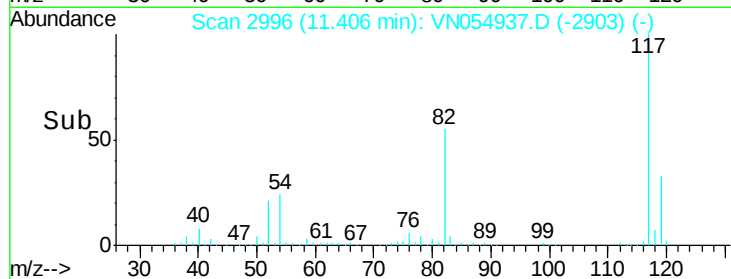
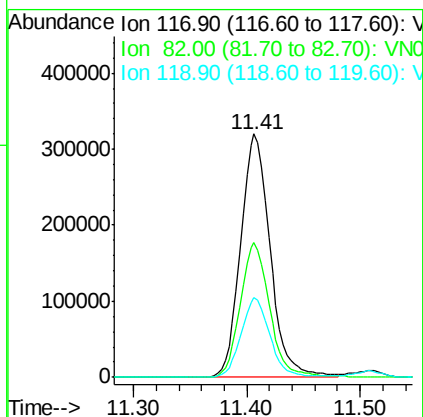
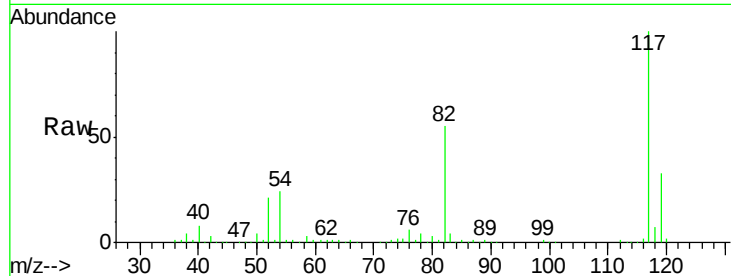




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

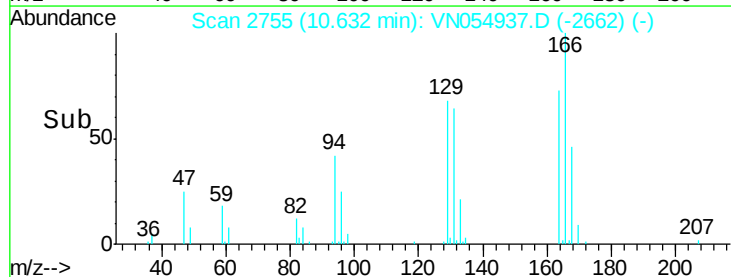
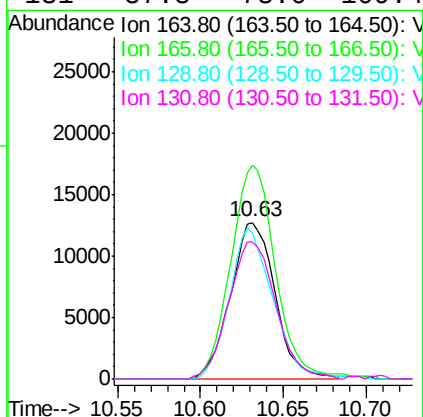
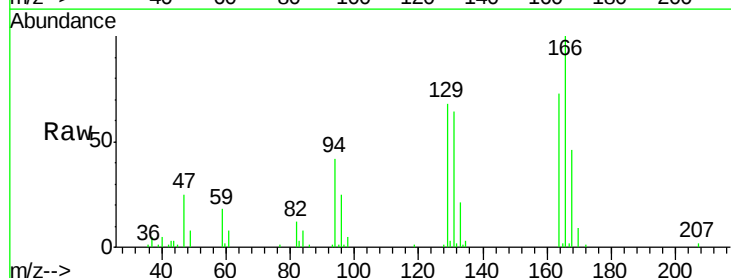
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

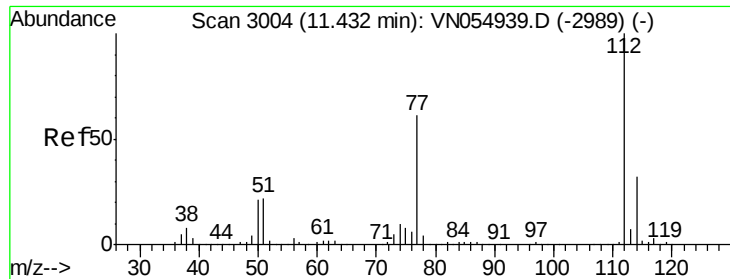
Tgt Ion:117 Resp: 583618
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.7 25.8 38.6



#64
Tetrachloroethene
Concen: 5.064 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:164 Resp: 23835
Ion Ratio Lower Upper
164 100
166 136.6 103.1 154.7
129 93.4 73.9 110.9
131 87.8 73.0 109.4

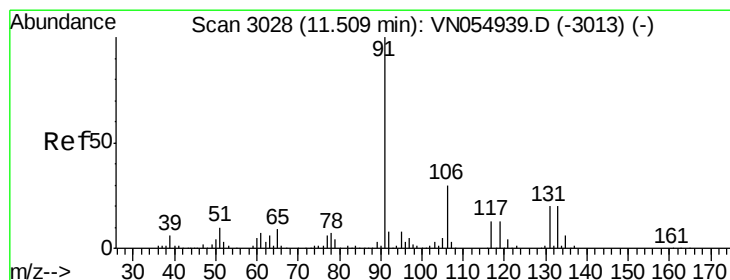
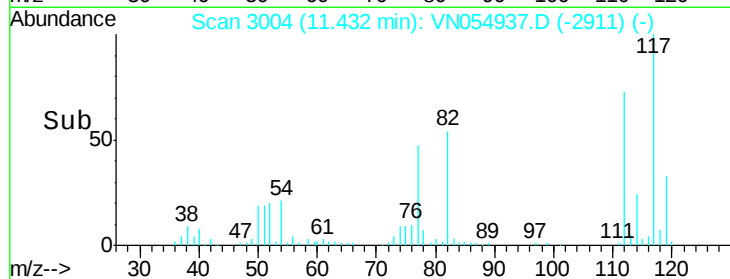
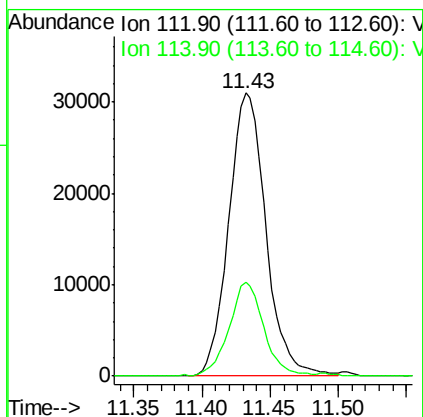
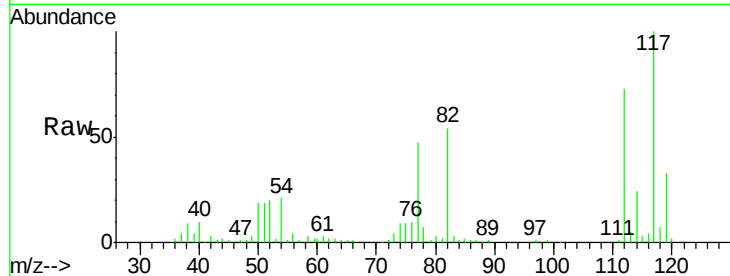




#65
Chlorobenzene
Concen: 4.931 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

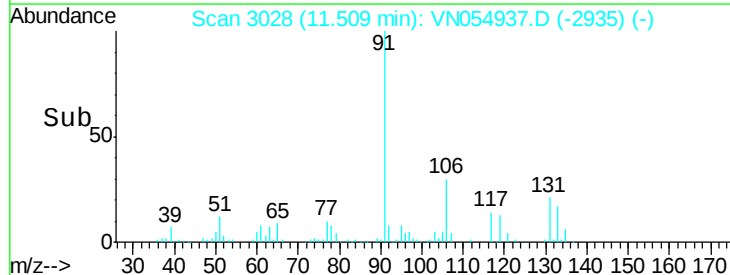
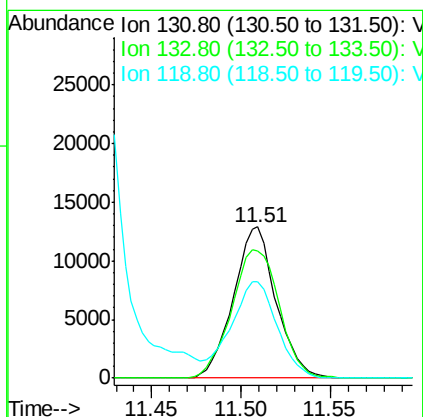
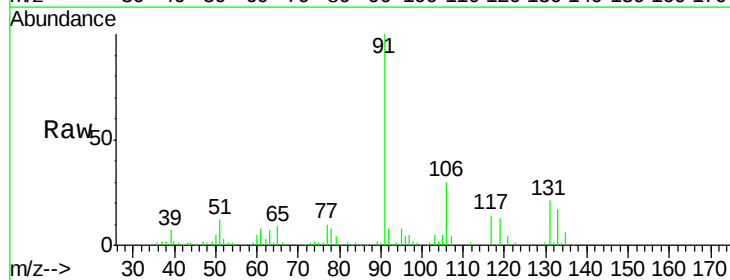
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

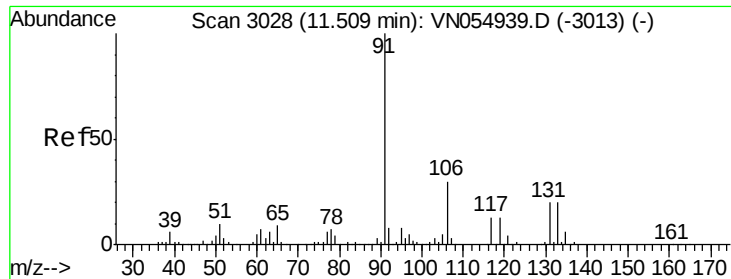
Tgt Ion:112 Resp: 58659
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 4.929 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:131 Resp: 21466
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.4
119 70.0 33.1 99.2

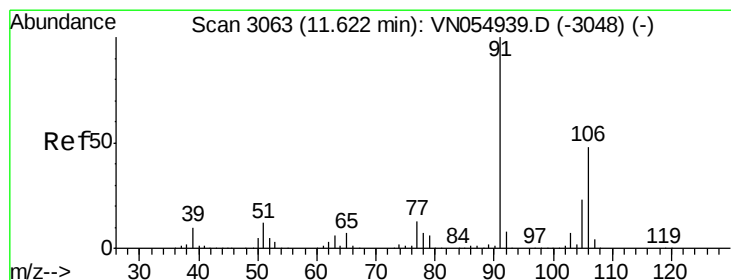
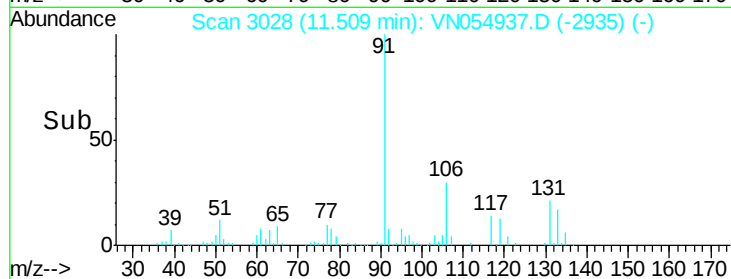
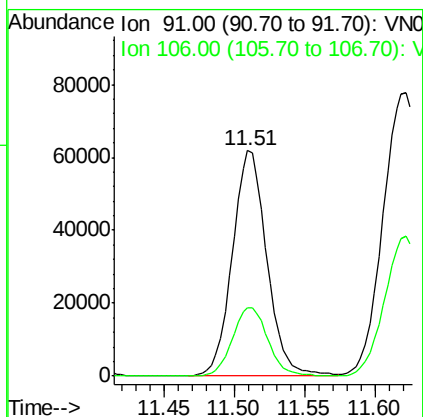
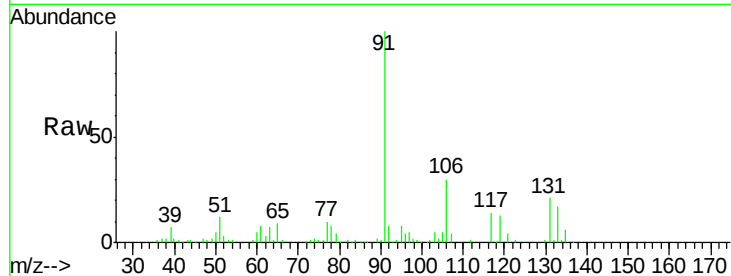




#67
Ethyl Benzene
Concen: 4.948 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

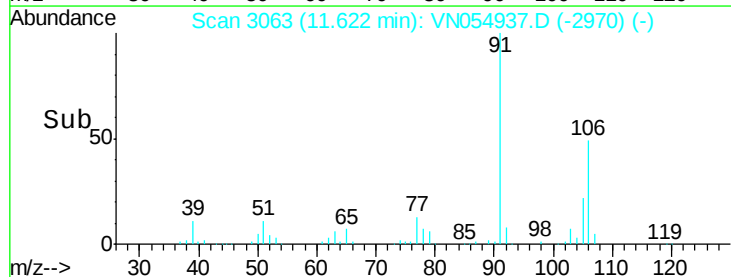
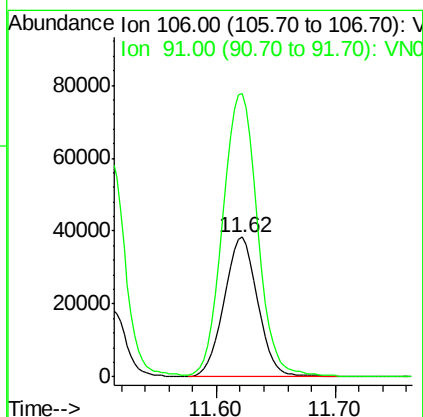
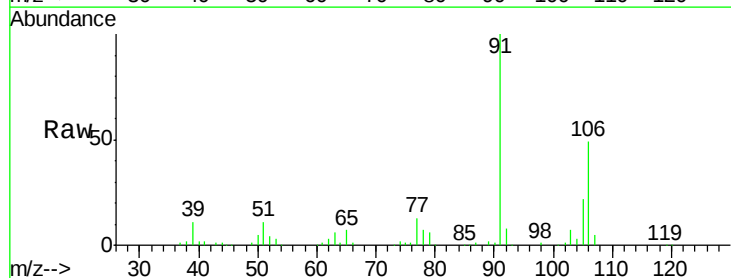
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

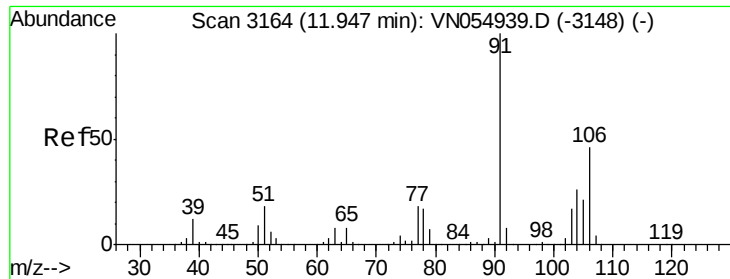
Tgt Ion: 91 Resp: 106120
Ion Ratio Lower Upper
91 100
106 30.5 24.1 36.1



#68
m/p-Xylenes
Concen: 9.591 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion: 106 Resp: 75204
Ion Ratio Lower Upper
106 100
91 209.5 167.4 251.2

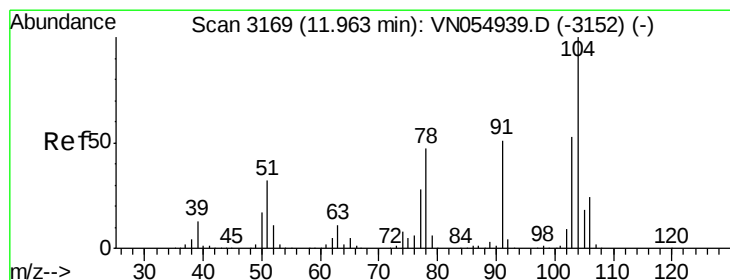
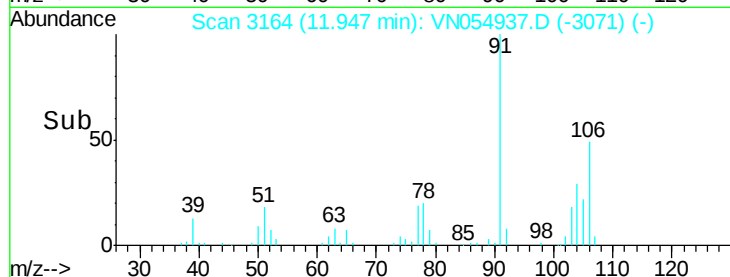
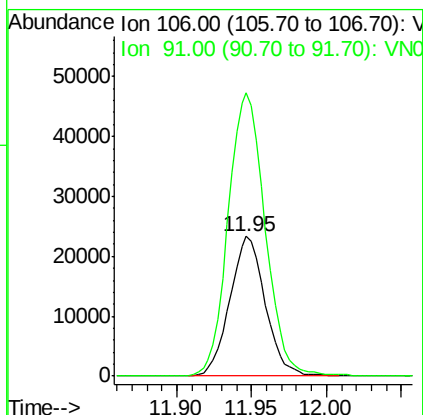
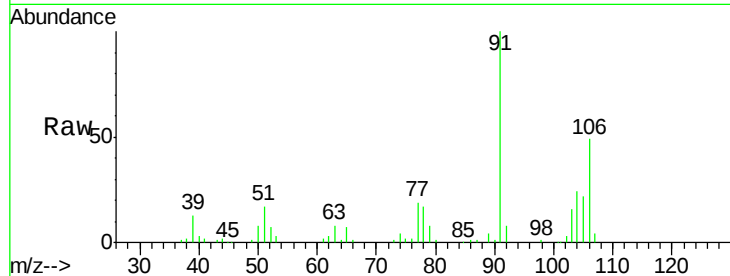




#69
o-Xylene
Concen: 5.020 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

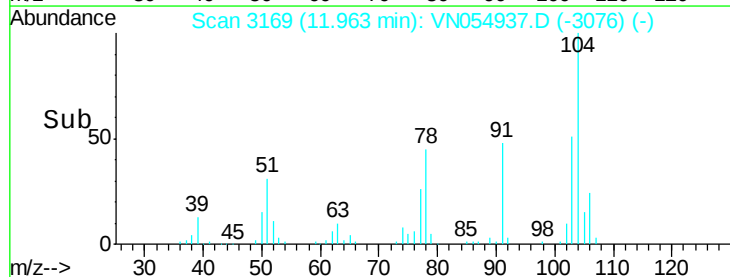
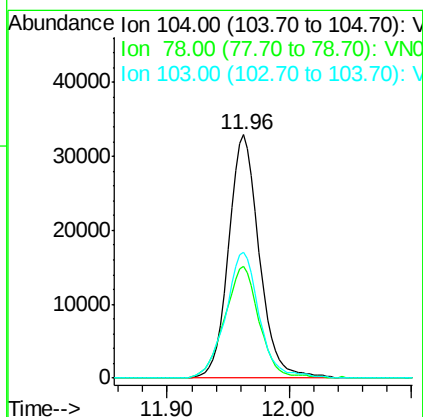
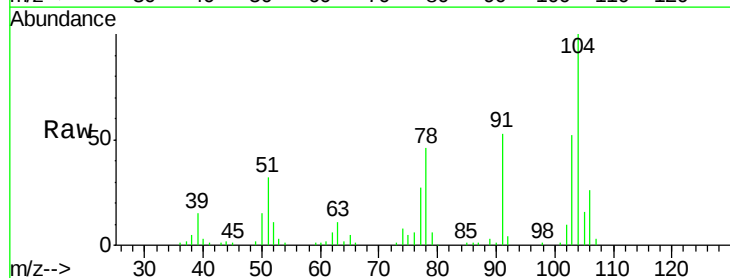
Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

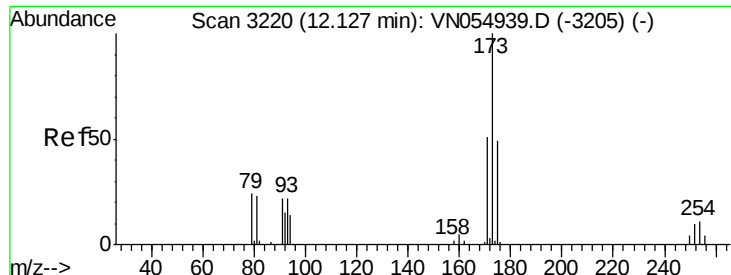
Tgt Ion:106 Resp: 38396
Ion Ratio Lower Upper
106 100
91 211.0 109.9 329.7



#70
Styrene
Concen: 4.723 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:104 Resp: 57935
Ion Ratio Lower Upper
104 100
78 51.5 41.1 61.7
103 56.8 45.0 67.4

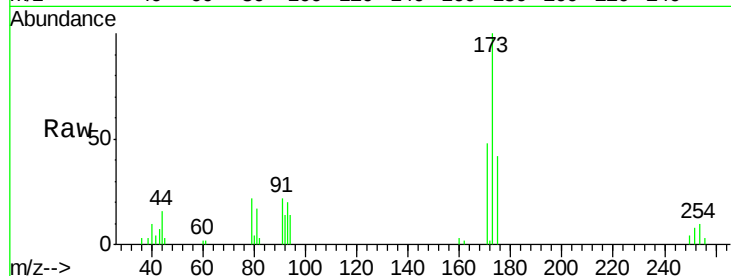




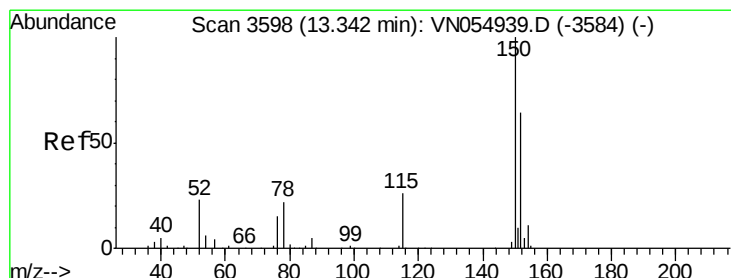
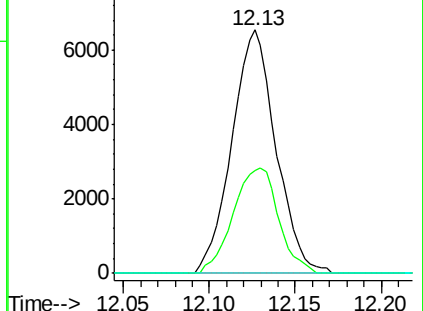
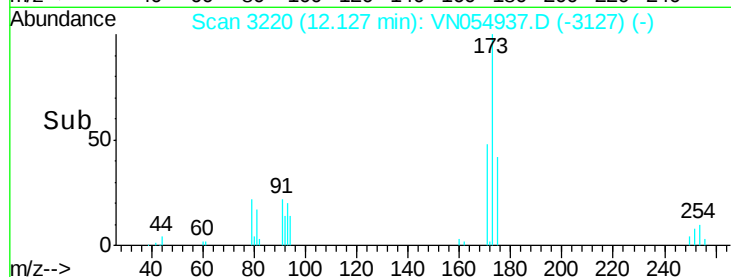
#71
Bromoform
Concen: 4.457 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 11667
Ion Ratio Lower Upper
173 100
175 44.5 24.1 72.4
254 0.0 0.0 0.0

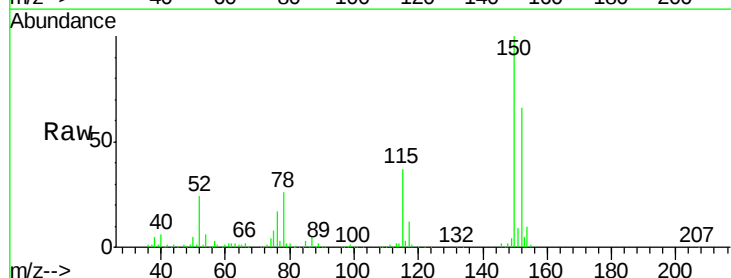


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

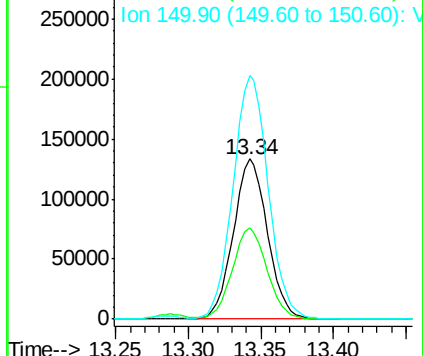
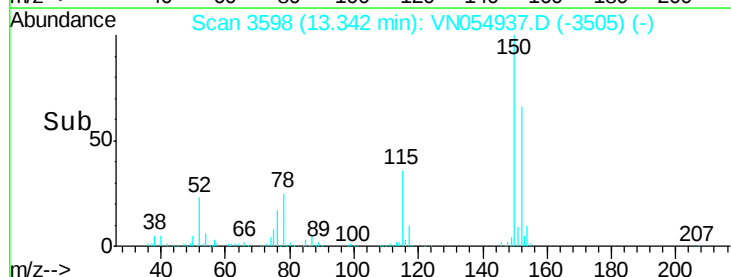


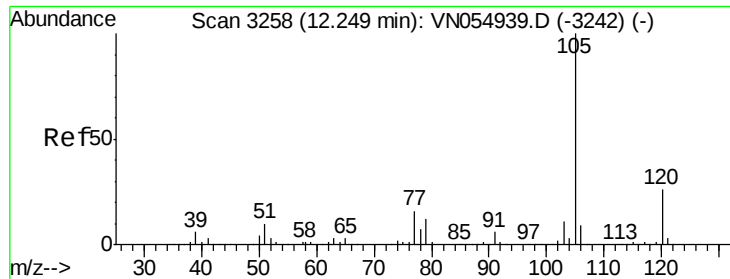
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:152 Resp: 217782
Ion Ratio Lower Upper
152 100
115 57.7 28.9 86.8
150 157.0 0.0 345.4



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: 5.358 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

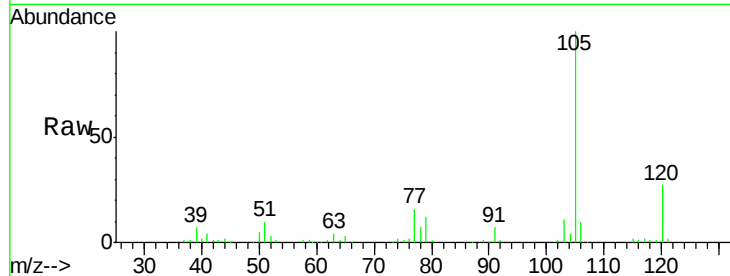
VSTDIC005

Tgt Ion: 105 Resp: 98577

Ion Ratio Lower Upper

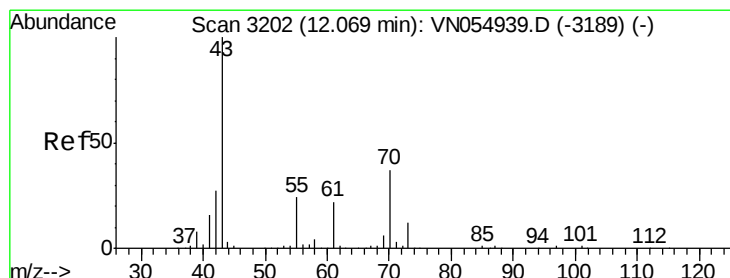
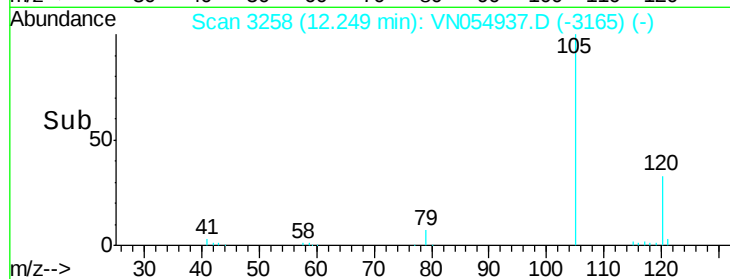
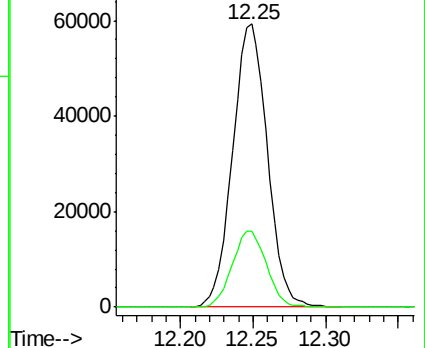
105 100

120 26.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.158 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Tgt Ion: 43 Resp: 26375

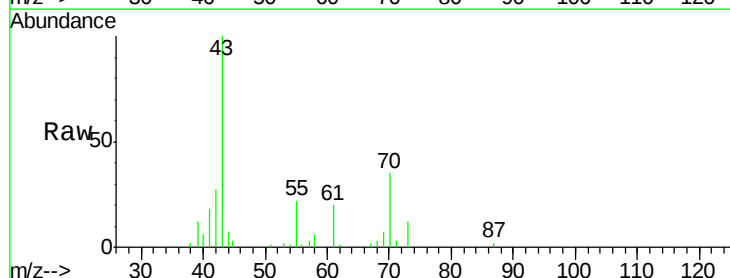
Ion Ratio Lower Upper

43 100

70 34.2 29.3 43.9

55 23.2 19.2 28.8

61 19.5 17.4 26.2

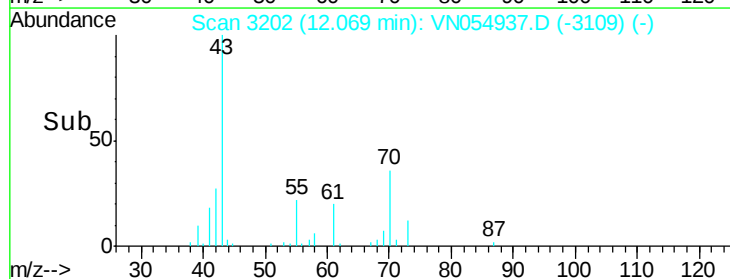
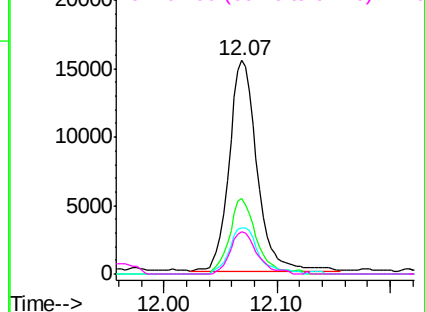


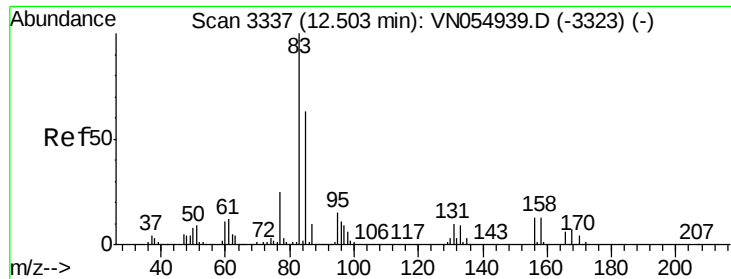
Abundance Ion 43.00 (42.70 to 43.70): V

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: 5.387 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

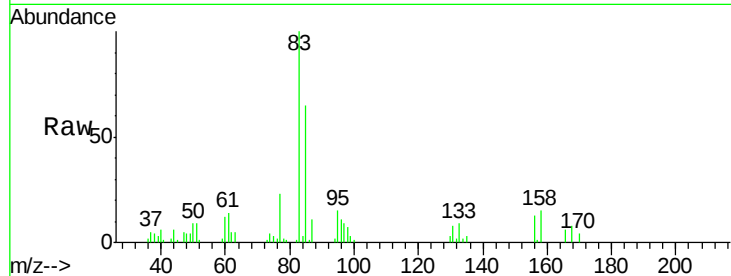
Tgt Ion: 83 Resp: 24342

Ion Ratio Lower Upper

83 100

131 9.5 5.0 15.0

85 65.7 31.4 94.0

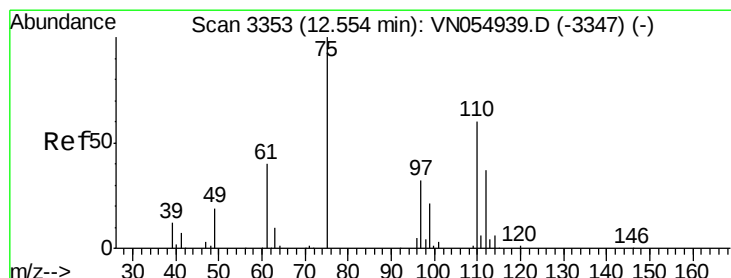
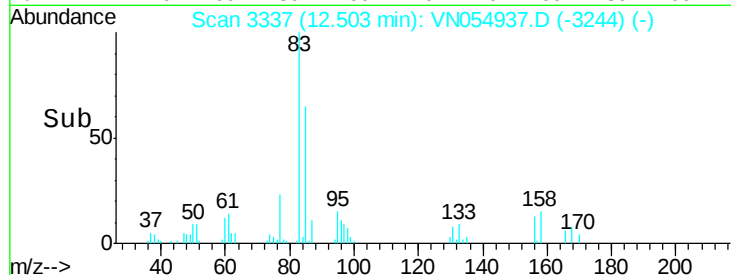
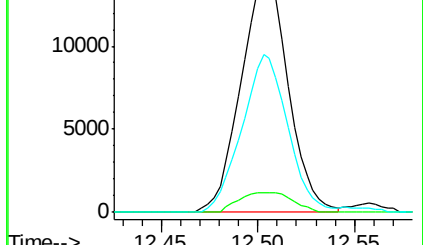


Abundance Ion 82.90 (82.60 to 83.60): VN054937.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN054937.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN054937.D (-3323) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 7.693 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054937.D

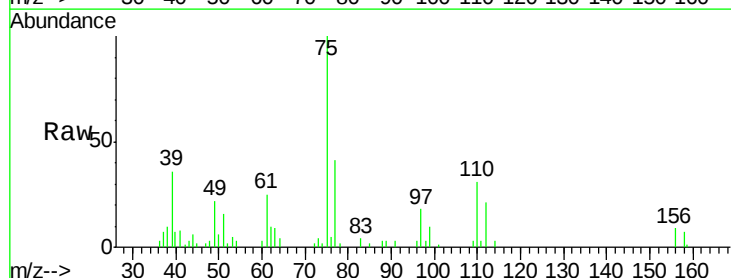
Acq: 4 Apr 2019 10:13

Tgt Ion: 75 Resp: 27237

Ion Ratio Lower Upper

75 100

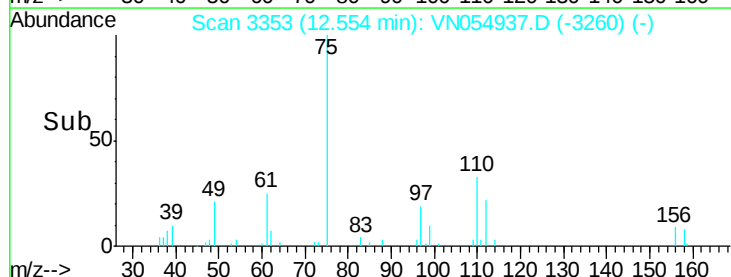
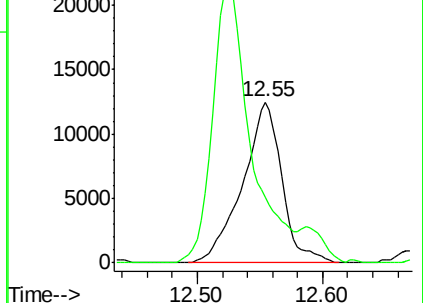
77 0.0 0.0 0.0

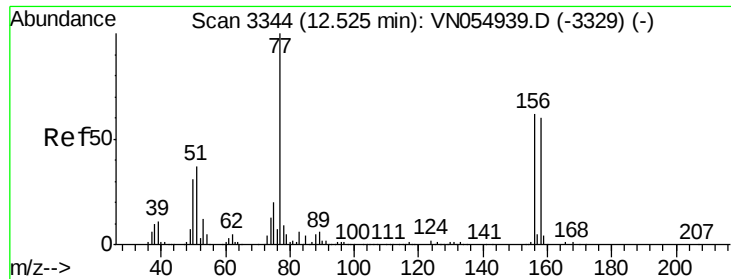


Abundance Ion 74.90 (74.60 to 75.60): VN054937.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN054937.D (-3353) (-)

Time-->





#77

Bromobenzene

Concen: 5.284 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

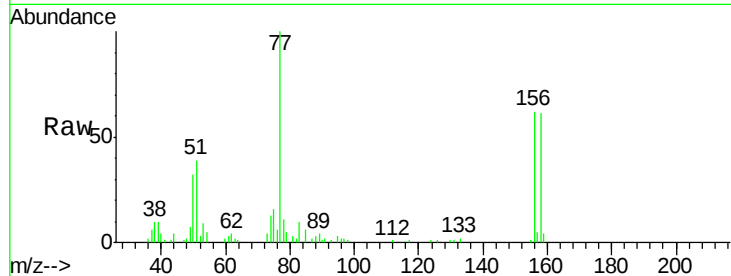
Tgt Ion: 156 Resp: 23540

Ion Ratio Lower Upper

156 100

77 191.9 93.1 279.3

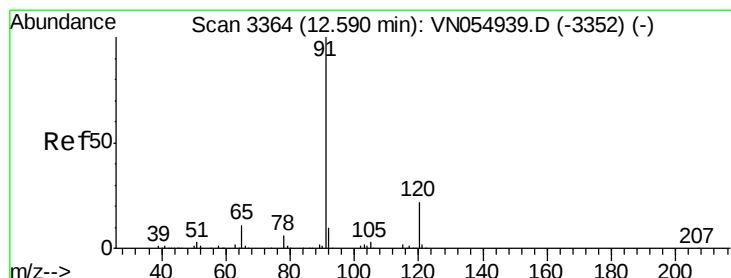
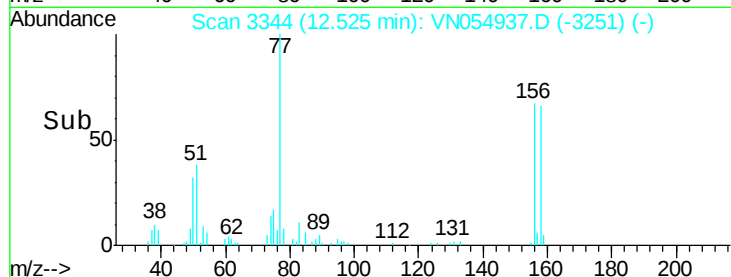
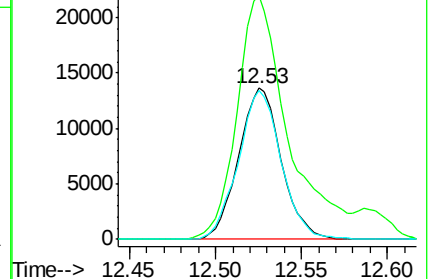
158 99.1 48.4 145.3



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: 5.076 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054937.D

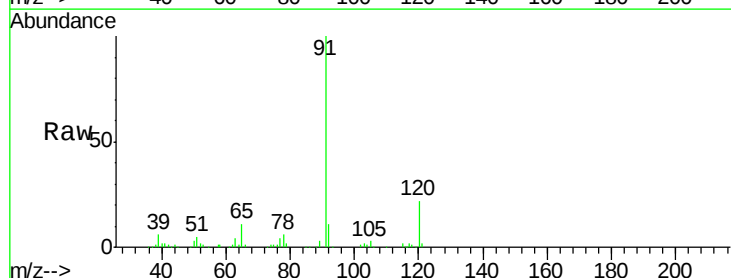
Acq: 4 Apr 2019 10:13

Tgt Ion: 91 Resp: 102892

Ion Ratio Lower Upper

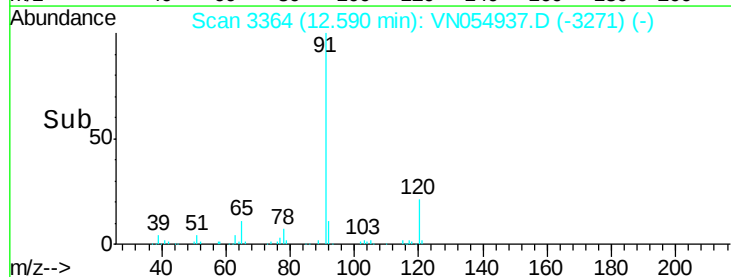
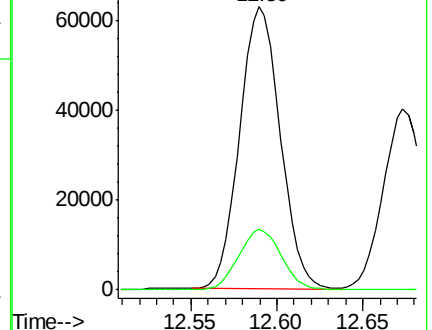
91 100

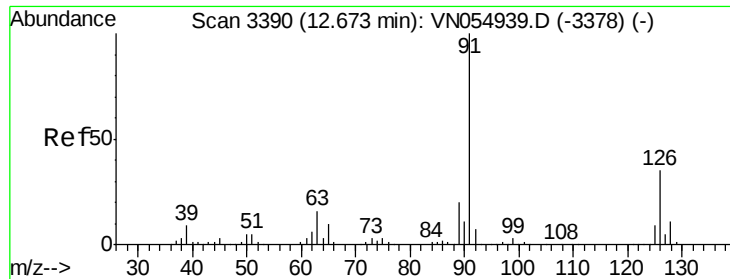
120 22.6 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

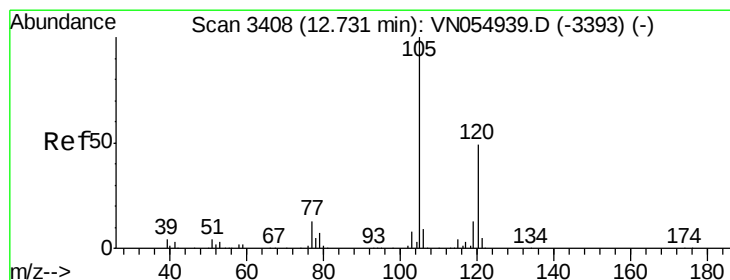
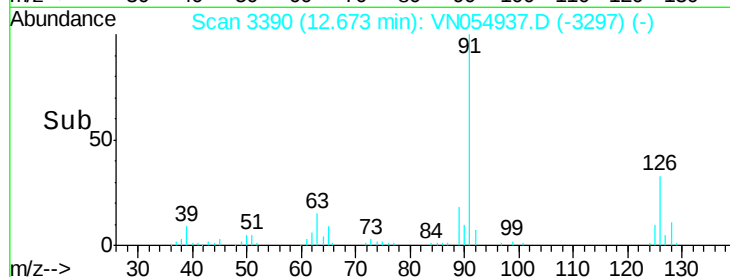
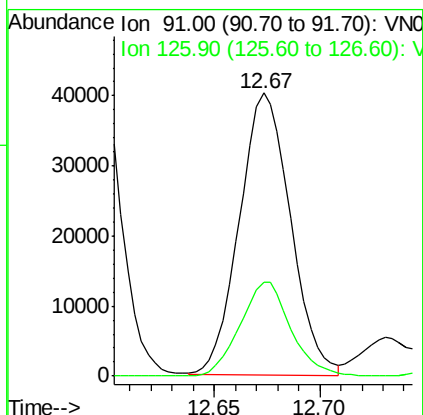
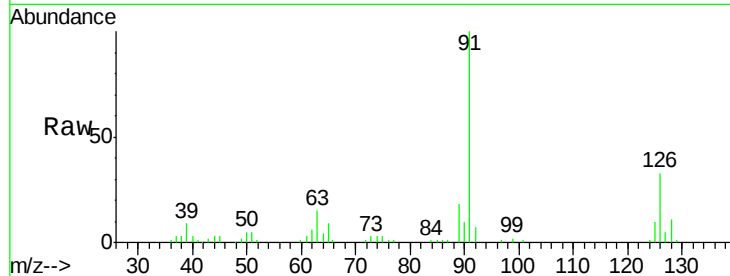




#79
 2-Chlorotoluene
 Concen: 5.410 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

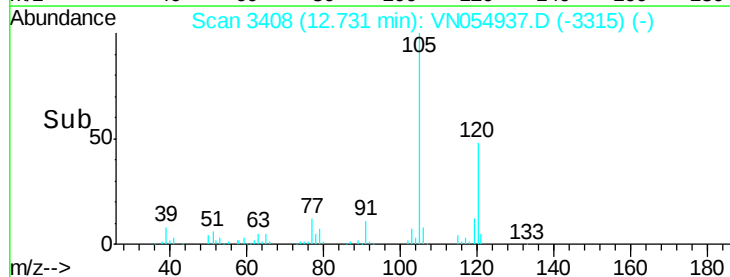
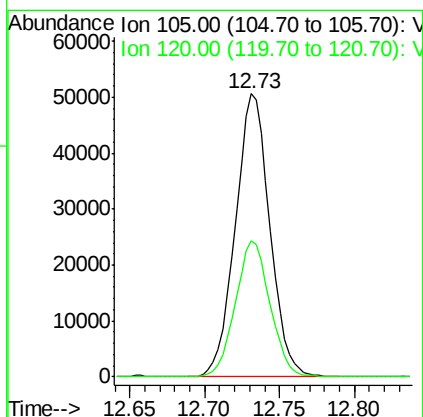
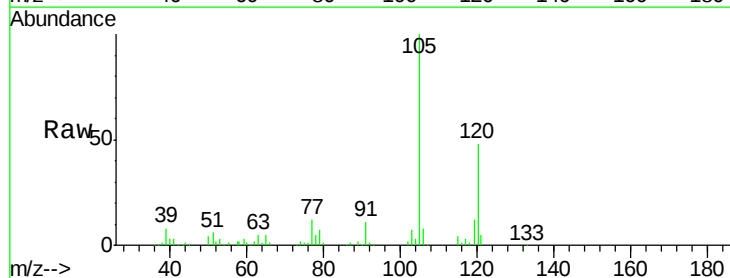
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

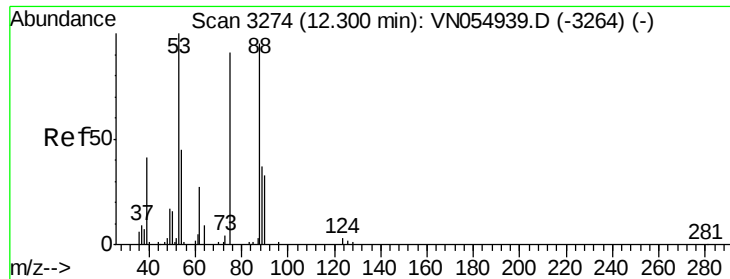
Tgt Ion: 91 Resp: 67962
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 5.357 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 105 Resp: 80939
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 4.543 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

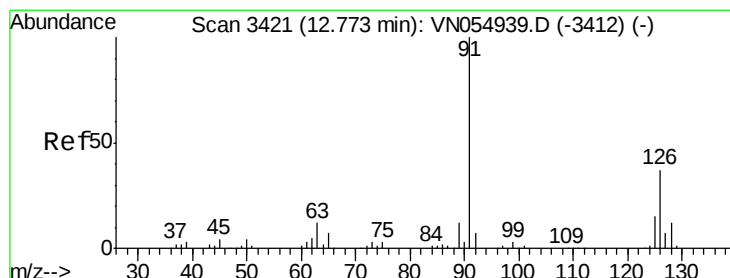
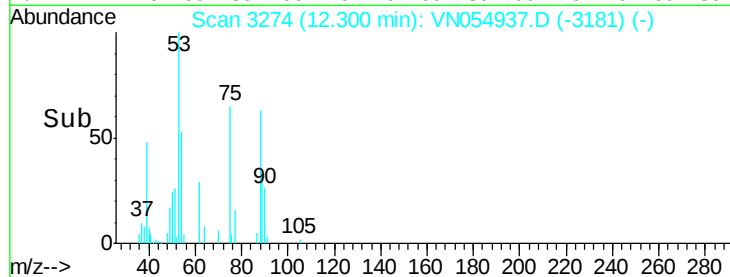
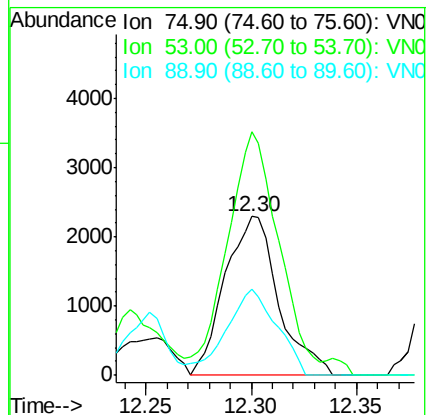
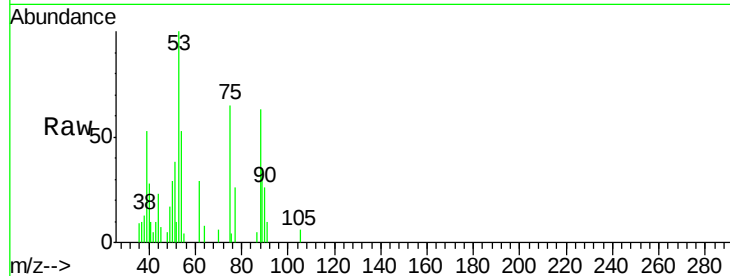
Tgt Ion: 75 Resp: 4052

Ion Ratio Lower Upper

75 100

53 134.5 92.8 139.2

89 50.5 36.7 55.1



#82

4-Chlorotoluene

Concen: 5.208 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN054937.D

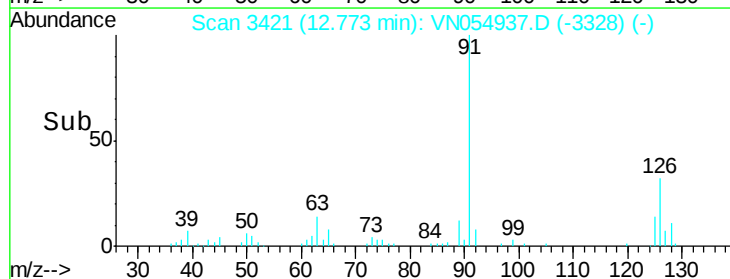
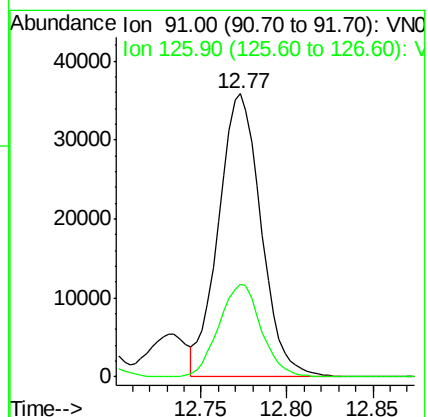
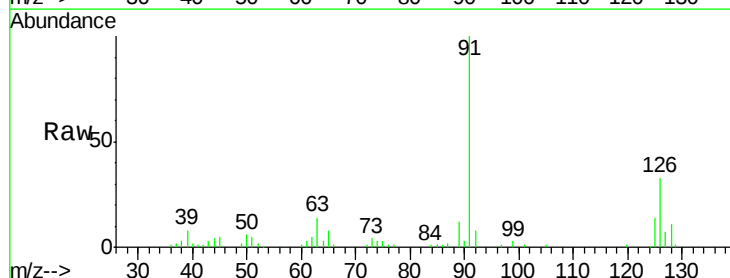
Acq: 4 Apr 2019 10:13

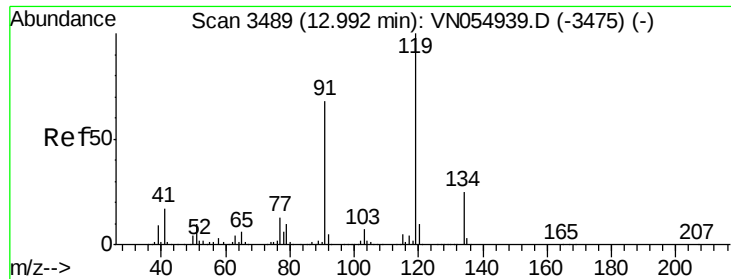
Tgt Ion: 91 Resp: 61878

Ion Ratio Lower Upper

91 100

126 32.6 16.9 50.7

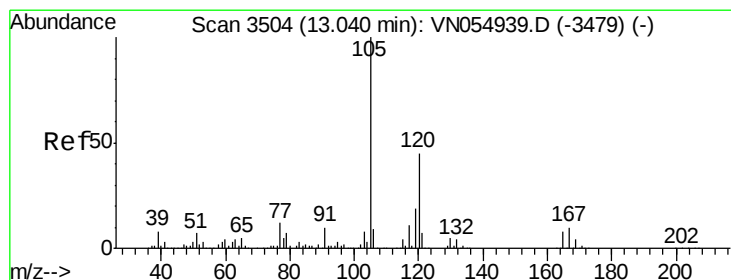
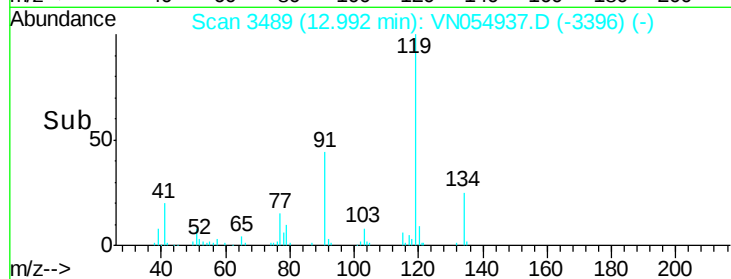
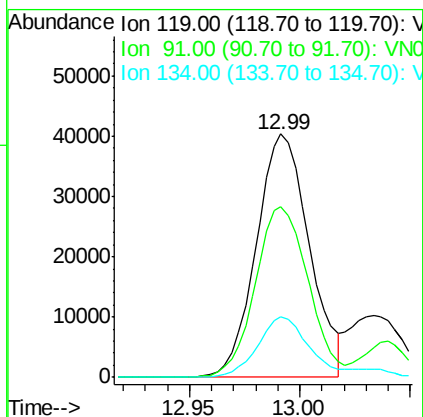
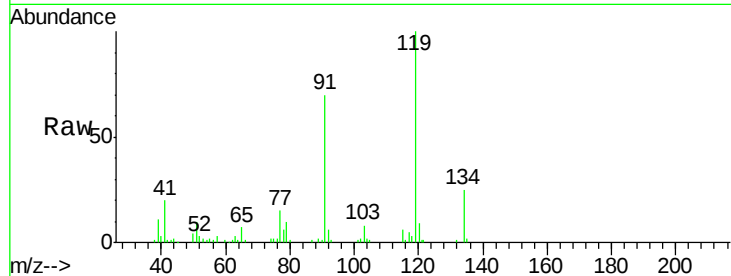




#83
 tert-Butylbenzene
 Concen: 5.234 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

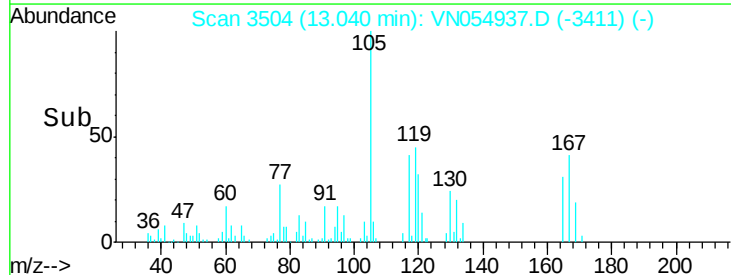
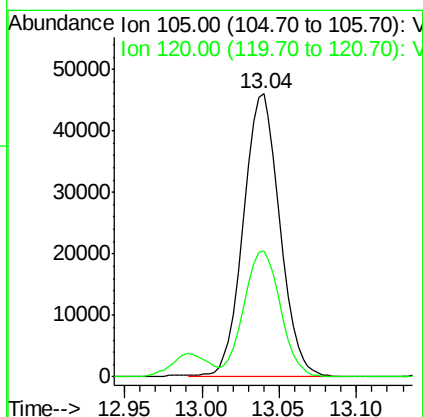
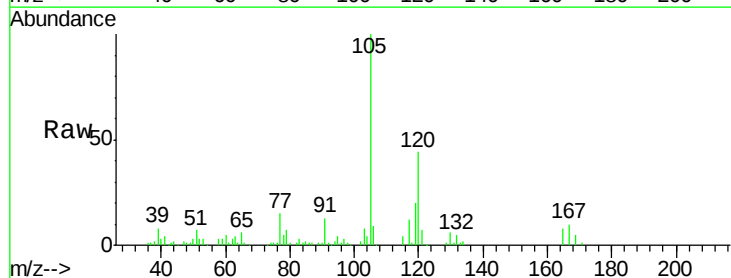
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

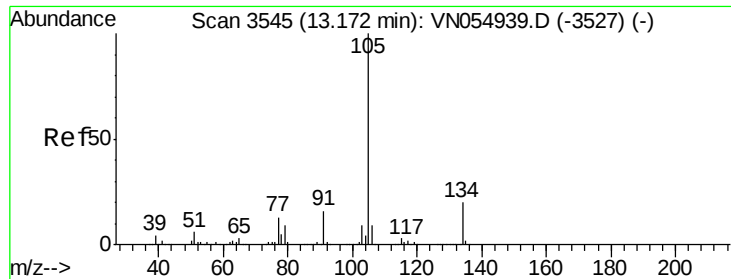
Tgt Ion:119 Resp: 67276
 Ion Ratio Lower Upper
 119 100
 91 70.2 33.5 100.5
 134 24.2 12.4 37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 5.181 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion:105 Resp: 75734
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.3

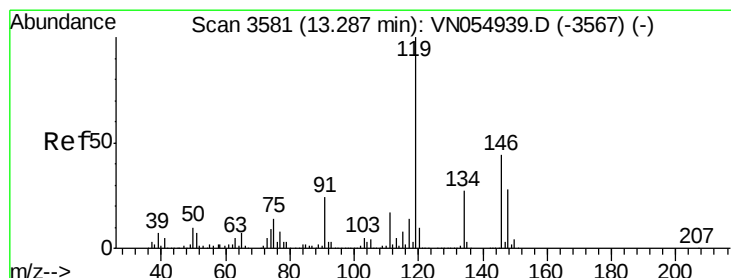
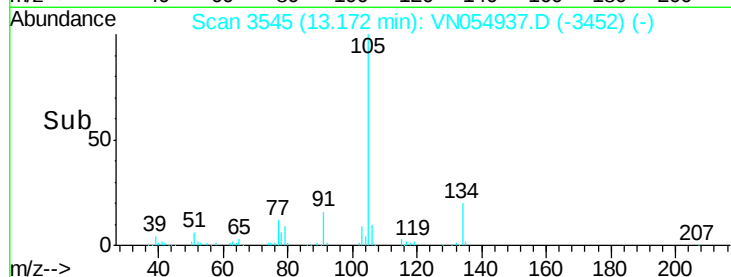
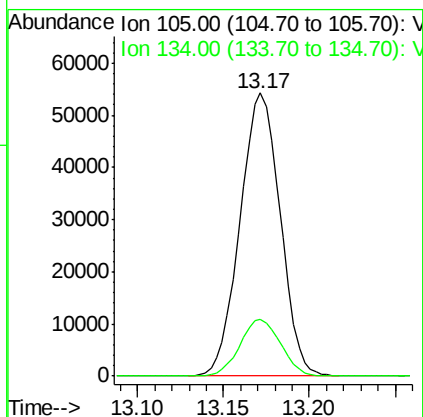
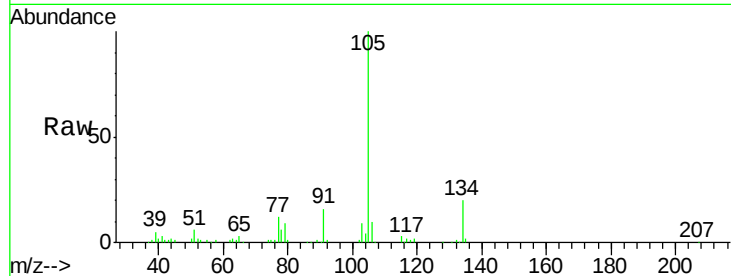




#85
 sec-Butylbenzene
 Concen: 5.298 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

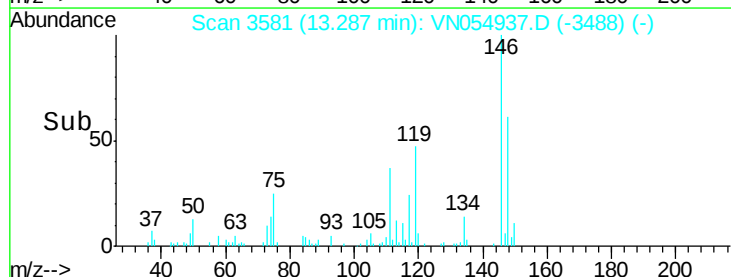
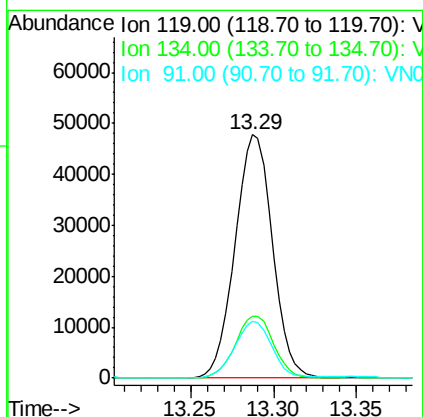
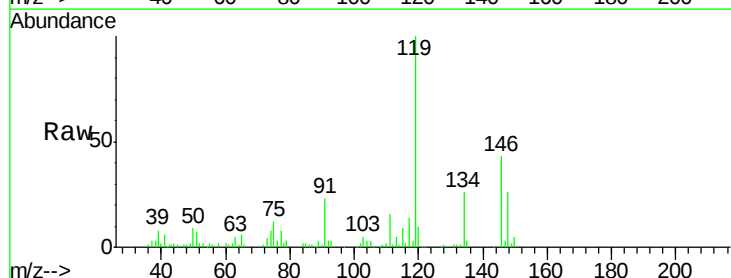
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

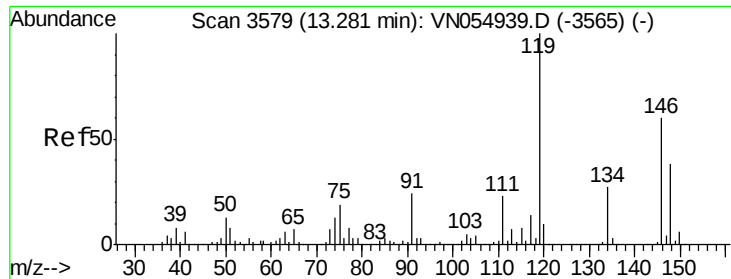
Tgt Ion:105 Resp: 88072
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 5.242 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion:119 Resp: 75080
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.5 40.5
 91 23.4 11.9 35.7

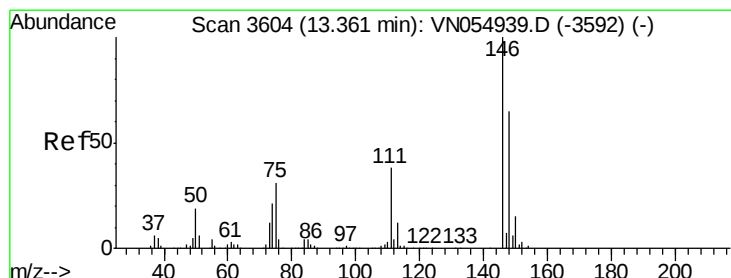
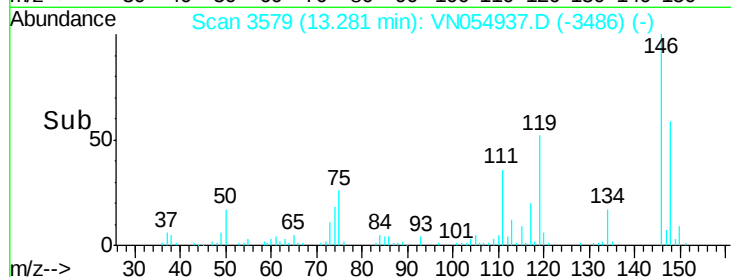
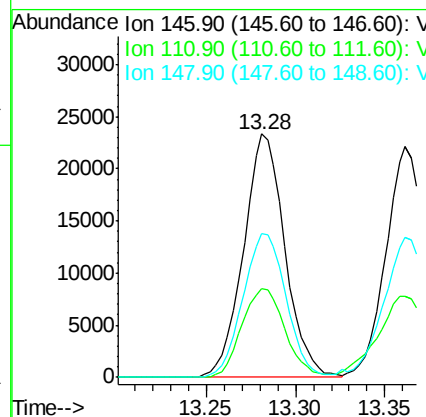
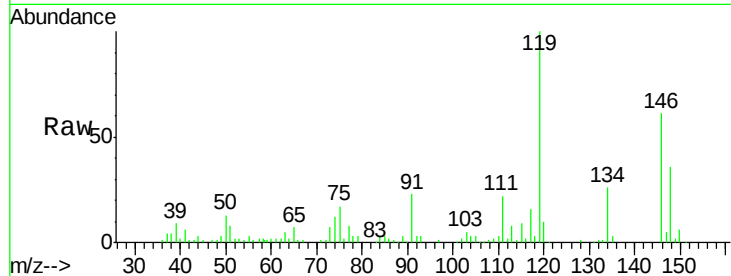




#87
 1,3-Dichlorobenzene
 Concen: 5.091 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

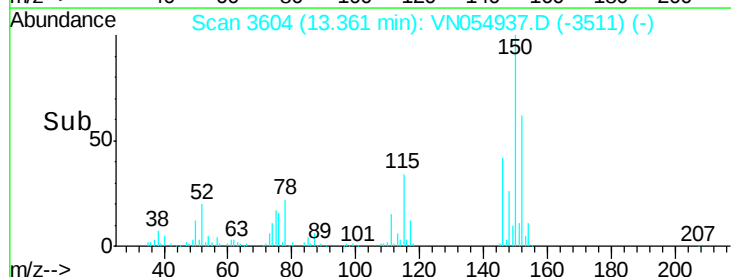
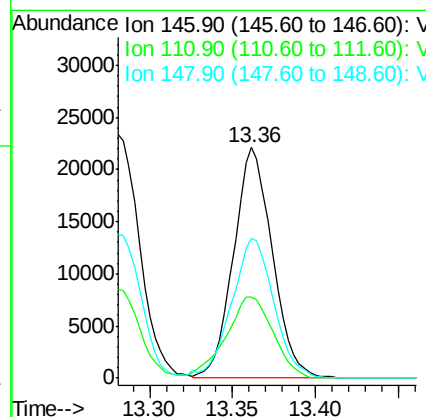
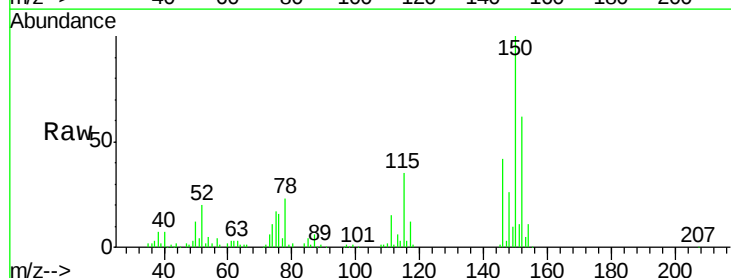
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

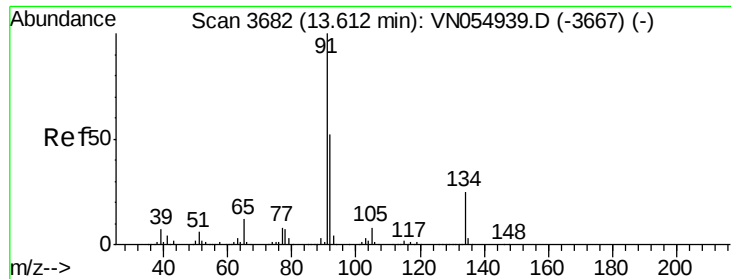
Tgt Ion:146 Resp: 37727
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.6 58.7
 148 61.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.103 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion:146 Resp: 36000
 Ion Ratio Lower Upper
 146 100
 111 42.9 19.2 57.6
 148 66.6 31.9 95.7





#89

n-Butylbenzene

Concen: 4.809 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054937.D

Acq: 4 Apr 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

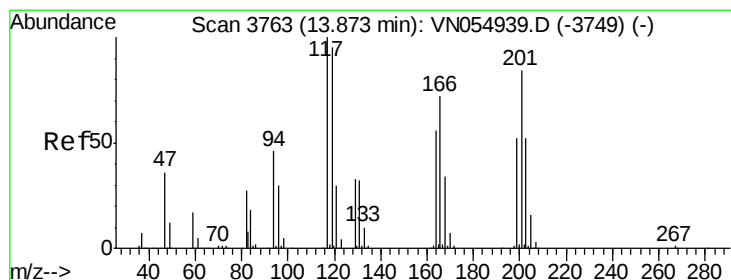
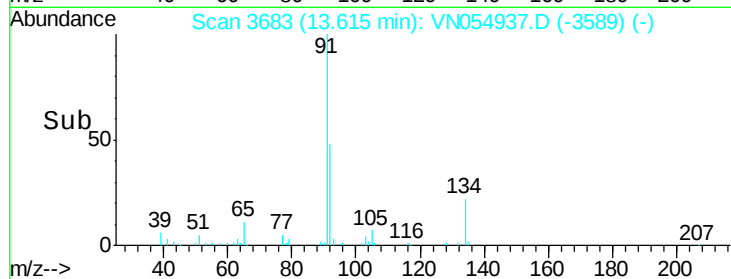
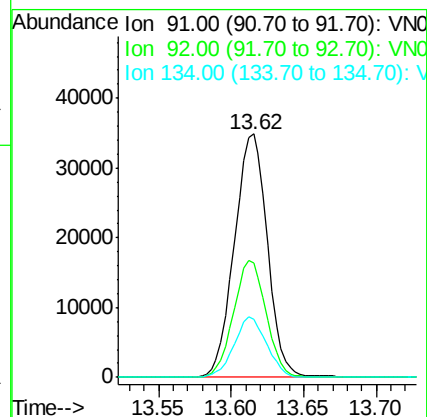
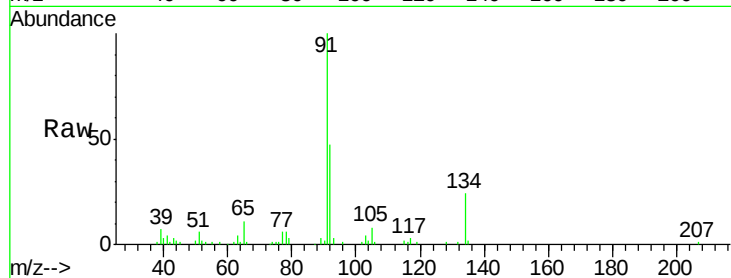
Tgt Ion: 91 Resp: 55048

Ion Ratio Lower Upper

91 100

92 47.3 26.1 78.2

134 24.4 12.6 37.8



#90

Hexachloroethane

Concen: 4.993 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN054937.D

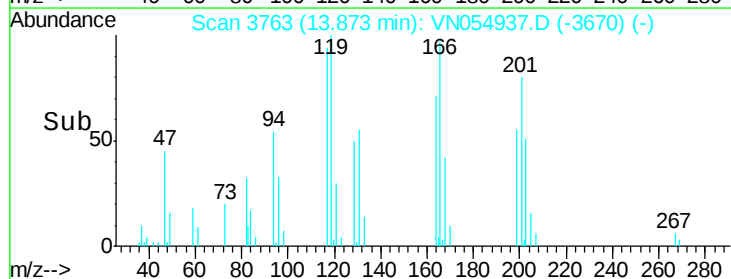
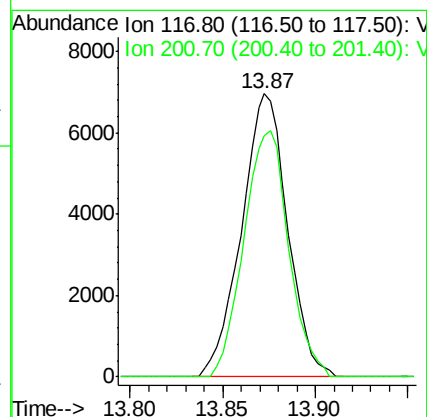
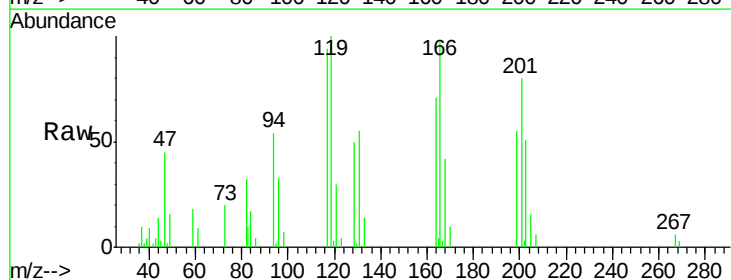
Acq: 4 Apr 2019 10:13

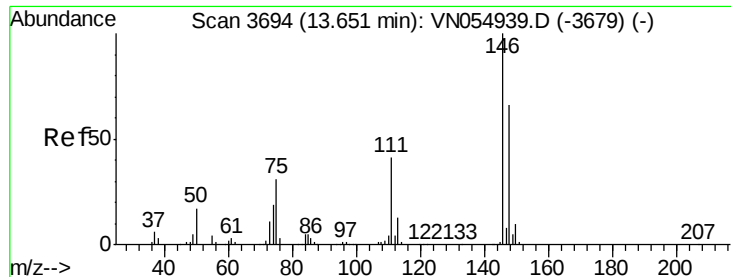
Tgt Ion: 117 Resp: 12014

Ion Ratio Lower Upper

117 100

201 84.2 42.5 127.6

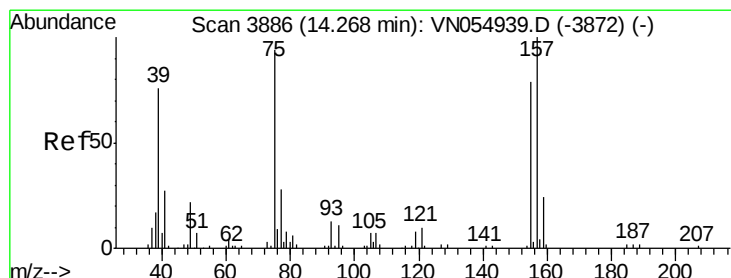
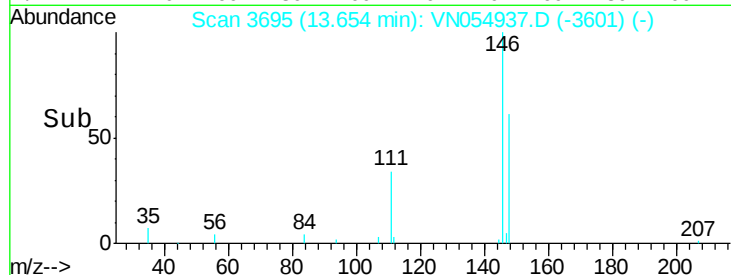
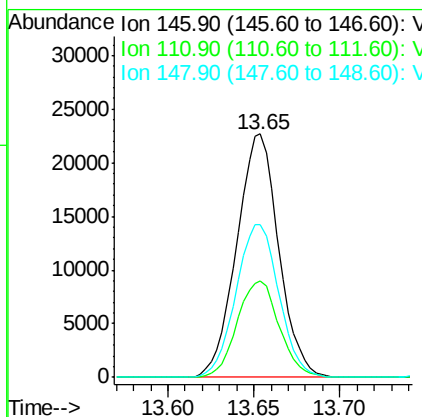
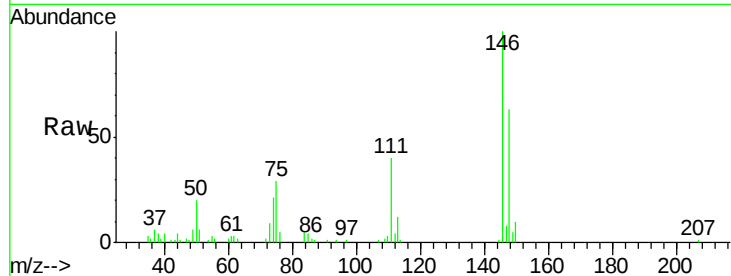




#91
 1,2-Dichlorobenzene
 Concen: 5.272 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

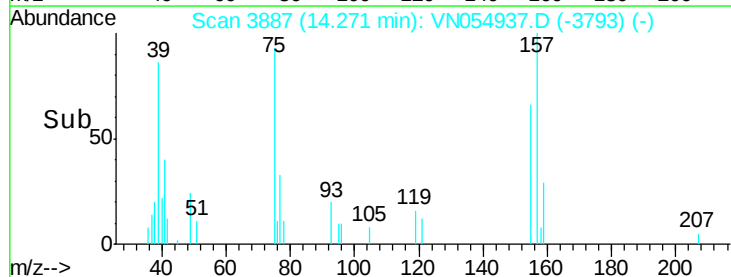
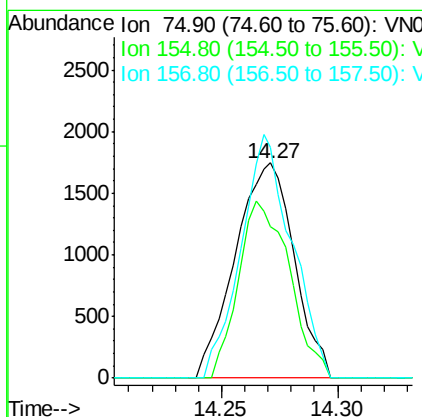
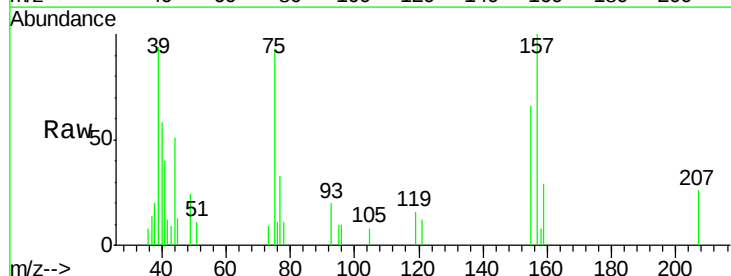
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

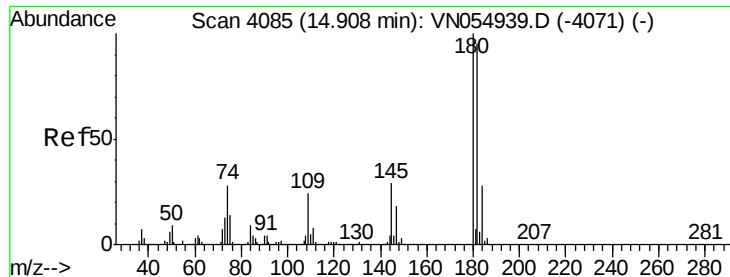
Tgt Ion: 146 Resp: 38364
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.2 60.5
 148 64.2 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.885 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion: 75 Resp: 3076
 Ion Ratio Lower Upper
 75 100
 155 71.3 41.5 124.6
 157 97.8 54.4 163.2

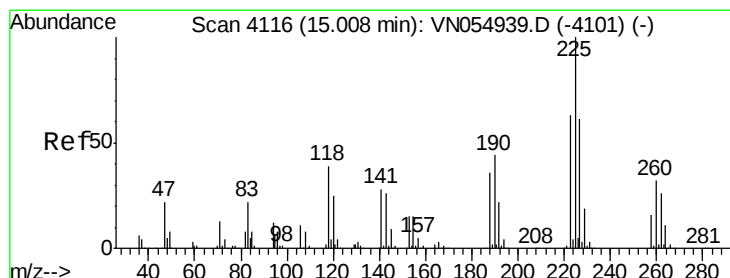
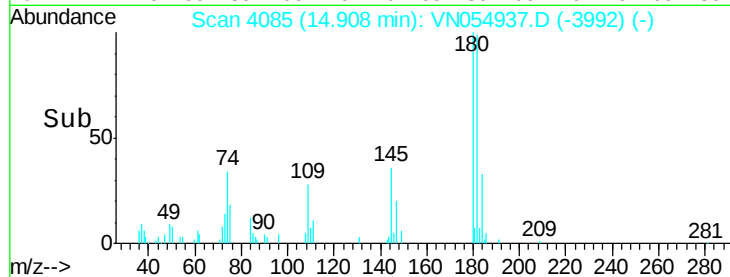
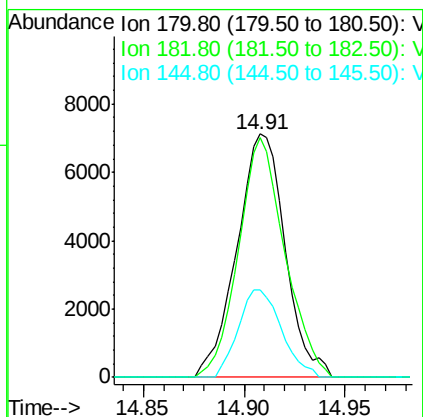
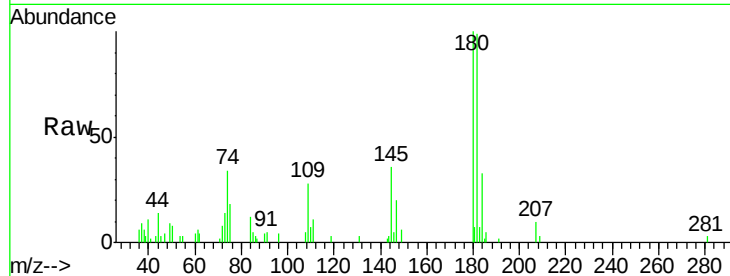




#93
 1,2,4-Trichlorobenzene
 Concen: 3.688 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

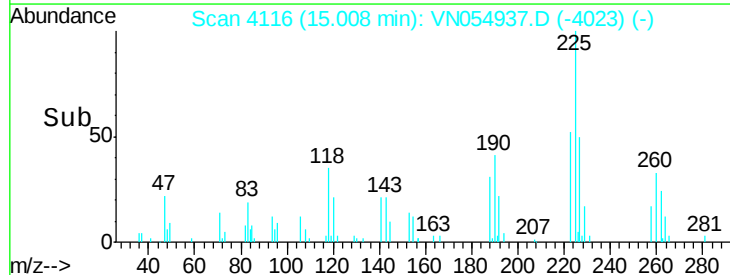
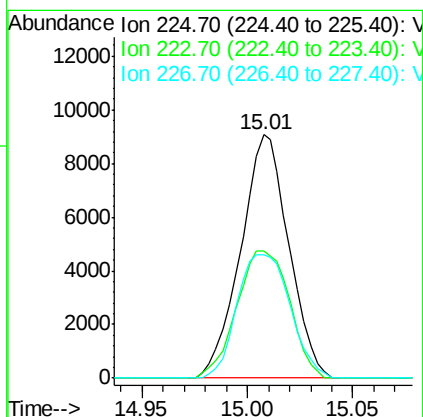
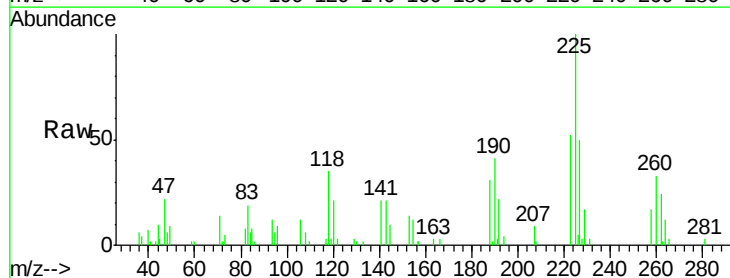
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

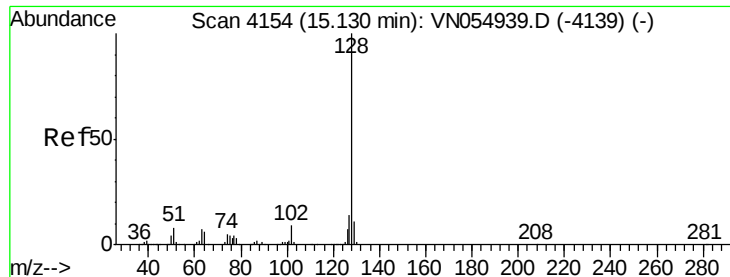
Tgt Ion:180 Resp: 11938
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.6
 145 32.2 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 5.884 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054937.D
 Acq: 4 Apr 2019 10:13

Tgt Ion:225 Resp: 14324
 Ion Ratio Lower Upper
 225 100
 223 57.6 31.1 93.5
 227 56.3 30.9 92.5

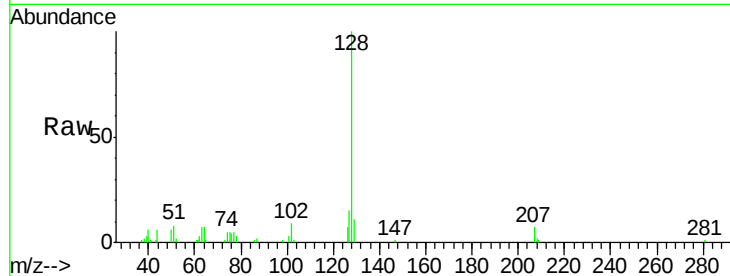




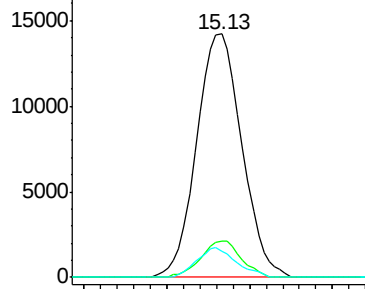
#95
Naphthalene
Concen: 3.794 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

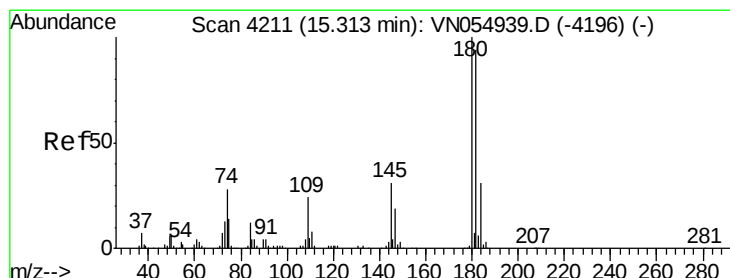
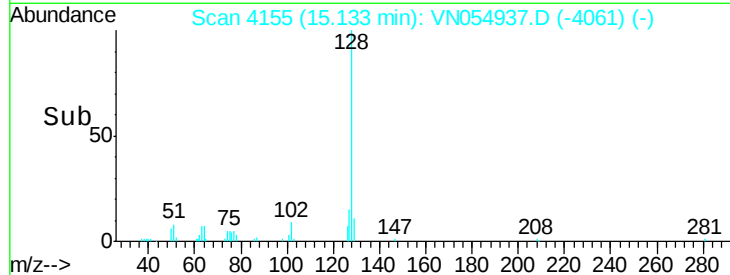
Tgt Ion:128 Resp: 26950
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

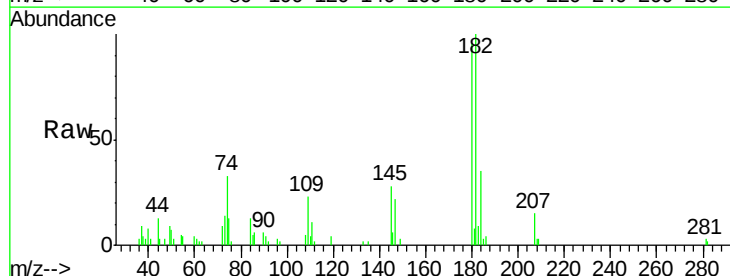


Time--> 15.05 15.10 15.15 15.20

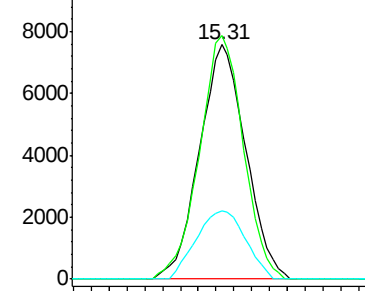


#96
1,2,3-Trichlorobenzene
Concen: 4.099 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054937.D
Acq: 4 Apr 2019 10:13

Tgt Ion:180 Resp: 13697
Ion Ratio Lower Upper
180 100
182 98.3 47.5 142.5
145 30.9 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V



Time--> 15.25 15.30 15.35

