

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055315.D
 Acq On : 30 Apr 2019 18:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:21:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	379266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	619378	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	548704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	232065	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	265560	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	
35) Dibromofluoromethane	7.59	113	207291	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
50) Toluene-d8	10.09	98	753818	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.40	95	254655	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	235328	50.643	ug/l	98
3) Chloromethane	2.06	50	275412	47.865	ug/l	100
4) Vinyl Chloride	2.19	62	220855	47.617	ug/l	100
5) Bromomethane	2.55	94	113857	46.344	ug/l	99
6) Chloroethane	2.70	64	117465	46.750	ug/l	97
7) Trichlorofluoromethane	3.02	101	318072	48.227	ug/l	100
8) Diethyl Ether	3.41	74	120112	52.054	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	189973	48.371	ug/l	99
10) Methyl Iodide	3.95	142	281870	50.998	ug/l	100
11) Tert butyl alcohol	4.79	59	90884	319.937	ug/l	99
12) 1,1-Dichloroethene	3.74	96	182771	48.784	ug/l	99
13) Acrolein	3.61	56	59445	267.955	ug/l	97
14) Allyl chloride	4.33	41	386830	49.853	ug/l	100
15) Acrylonitrile	4.99	53	460512	288.411	ug/l	99
16) Acetone	3.82	43	371452	240.268	ug/l	99
17) Carbon Disulfide	4.06	76	464964	47.555	ug/l	98
18) Methyl Acetate	4.33	43	227913	60.740	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	582632	55.318	ug/l	98
20) Methylene Chloride	4.55	84	223131	47.285	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	198523	50.033	ug/l	93
22) Diisopropyl ether	5.95	45	807076	52.349	ug/l	99
23) Vinyl Acetate	5.90	43	2904562	287.455	ug/l	100
24) 1,1-Dichloroethane	5.85	63	410901	50.022	ug/l	99
25) 2-Butanone	6.84	43	574265	290.456	ug/l	100
26) 2,2-Dichloropropane	6.83	77	265295	46.769	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	231135	51.225	ug/l	99
28) Bromochloromethane	7.20	49	209421	50.577	ug/l	100
29) Tetrahydrofuran	7.21	42	382152	301.857	ug/l	100
30) Chloroform	7.37	83	392282	50.377	ug/l	100
31) Cyclohexane	7.65	56	365114	46.782	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	318417	50.384	ug/l	99
36) 1,1-Dichloropropene	7.79	75	279764	47.156	ug/l	99
37) Ethyl Acetate	6.93	43	249025	54.768	ug/l	99
38) Carbon Tetrachloride	7.78	117	265876	46.458	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	300882	47.701	ug/l	98
40) Benzene	8.04	78	854643	48.867	ug/l	100
41) Methacrylonitrile	7.21	41	369914	148.835	ug/l #	23
42) 1,2-Dichloroethane	8.13	62	303490	48.995	ug/l	100
43) Isopropyl Acetate	8.17	43	452635	61.944	ug/l #	87
44) Trichloroethene	8.84	130	213605	47.910	ug/l	99
45) 1,2-Dichloropropane	9.12	63	248128	49.191	ug/l	98
46) Dibromomethane	9.21	93	141563	51.344	ug/l	99
47) Bromodichloromethane	9.40	83	297232	50.251	ug/l	96
48) Methyl methacrylate	9.20	41	201178	56.004	ug/l	95
49) 1,4-Dioxane	9.20	88	46890	1262.730	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	1219012	296.306	ug/l	99
52) Toluene	10.16	92	508123	50.636	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	285860	55.671	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	345651	53.990	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	192218	51.584	ug/l	98
56) Ethyl methacrylate	10.43	69	270190	58.910	ug/l	98
57) 1,3-Dichloropropane	10.71	76	342942	52.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	383146	268.222	ug/l	99
59) 2-Hexanone	10.75	43	782627	304.040	ug/l	99
60) Dibromochloromethane	10.90	129	207141	54.390	ug/l	98
61) 1,2-Dibromoethane	11.01	107	189580	55.043	ug/l	100
64) Tetrachloroethene	10.63	164	205016	45.689	ug/l	99
65) Chlorobenzene	11.43	112	515974	48.096	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	198678	47.296	ug/l	98
67) Ethyl Benzene	11.51	91	954238	49.258	ug/l	99
68) m/p-Xylenes	11.62	106	693533	100.296	ug/l	99
69) o-Xylene	11.95	106	343139	50.066	ug/l	99
70) Styrene	11.96	104	569167	54.086	ug/l	100
71) Bromoform	12.13	173	129754	55.666	ug/l #	97
73) Isopropylbenzene	12.25	105	910755	49.277	ug/l	99
74) N-amyl acetate	12.07	43	327603	55.007	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	250764	54.846	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	296398	69.706	ug/l #	100
77) Bromobenzene	12.53	156	222329	50.232	ug/l	98
78) n-propylbenzene	12.59	91	1020786	42.822	ug/l	99
79) 2-Chlorotoluene	12.67	91	621255	49.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	775205	42.610	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	60496	49.402	ug/l	97
82) 4-Chlorotoluene	12.77	91	607989	43.866	ug/l	99
83) tert-Butylbenzene	12.99	119	658829	51.233	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	752482	46.247	ug/l	99
85) sec-Butylbenzene	13.17	105	837792	42.368	ug/l	99
86) p-Isopropyltoluene	13.29	119	735496	45.254	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	364643	46.957	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	349377	47.775	ug/l	99
89) n-Butylbenzene	13.61	91	574165	49.716	ug/l	99
90) Hexachloroethane	13.87	117	122590	47.560	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	367378	47.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	36136	59.188	ug/l	98

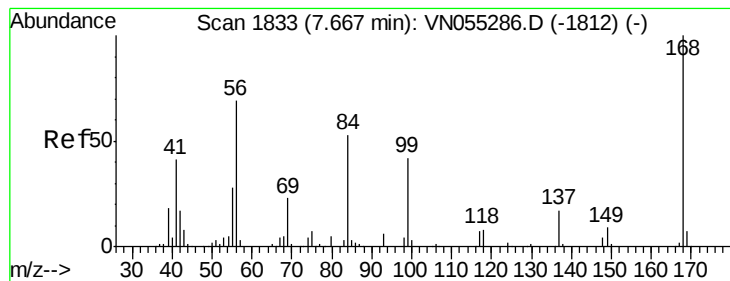
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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139658	46.290	ug/l	99
94) Hexachlorobutadiene	15.01	225	123041	53.313	ug/l	98
95) Naphthalene	15.13	128	309129	48.062	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	147104	49.269	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

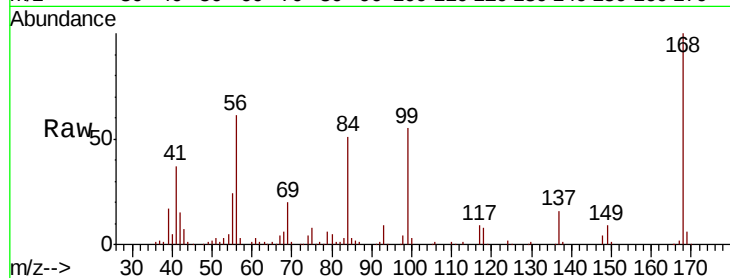
ClientSampled :

Tot Ion:168 Resp: 379266

Ion Ratio Lower Upper

168 100

99 54.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

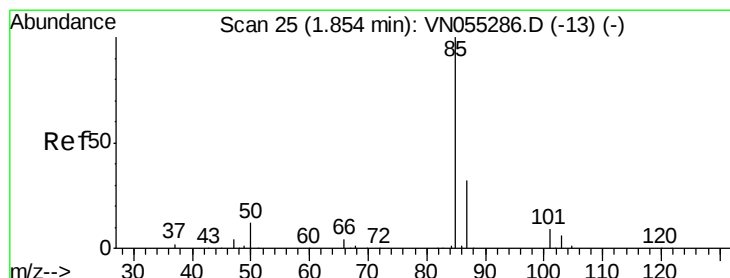
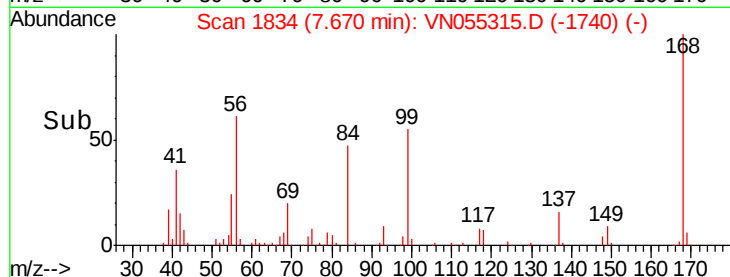
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.643 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055315.D

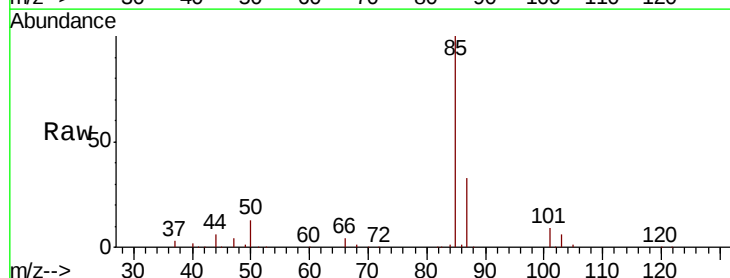
Acq: 30 Apr 2019 18:09

Tgt Ion: 85 Resp: 235328

Ion Ratio Lower Upper

85 100

87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

200000

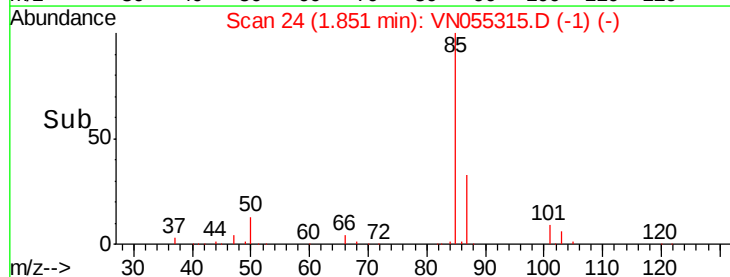
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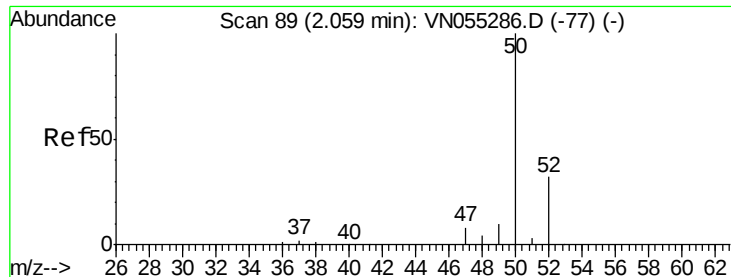
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.865 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

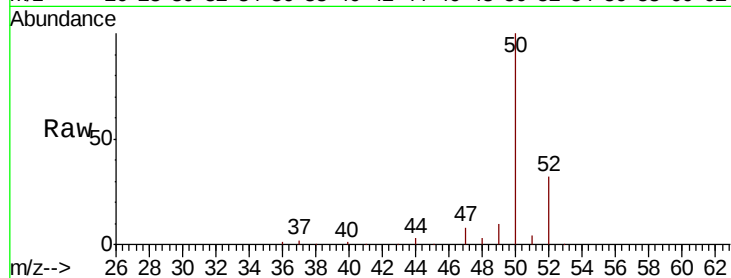
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 275412

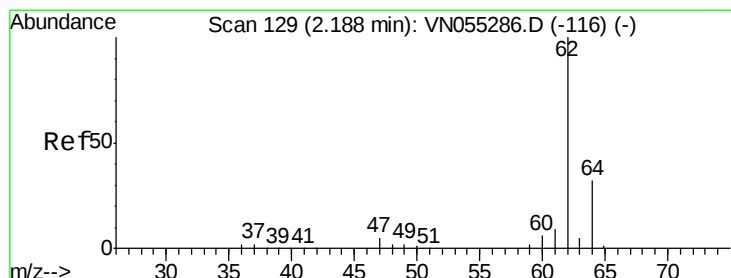
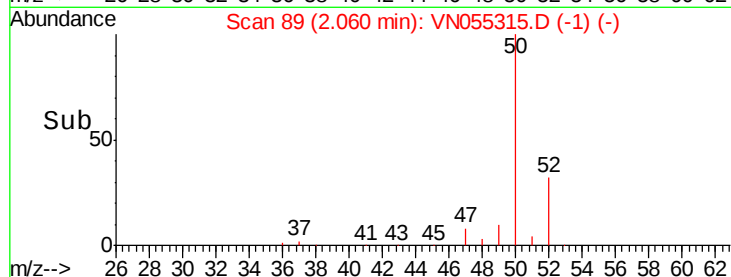
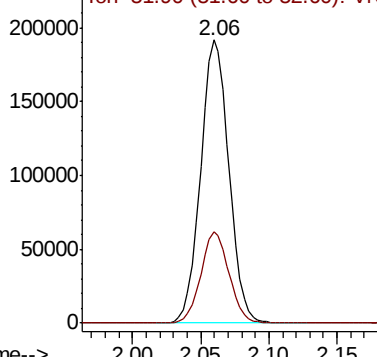
Ion Ratio Lower Upper

50 100

52 32.3 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VNC
Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 47.617 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055315.D

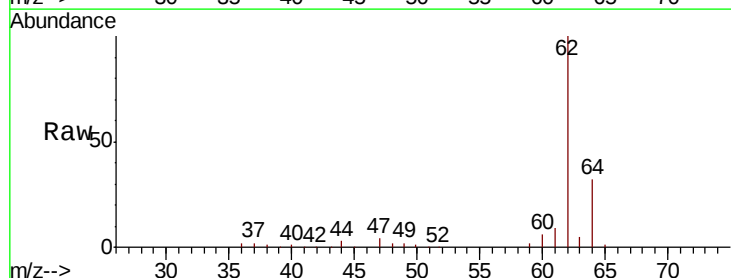
Acq: 30 Apr 2019 18:09

Tgt Ion: 62 Resp: 220855

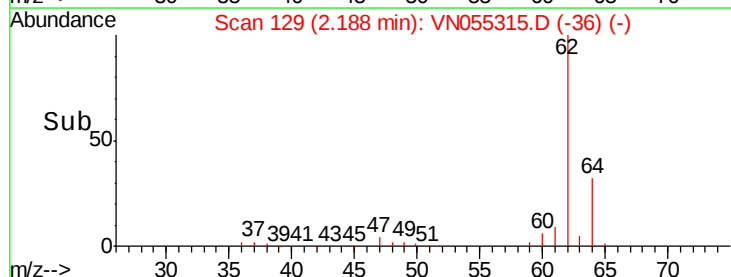
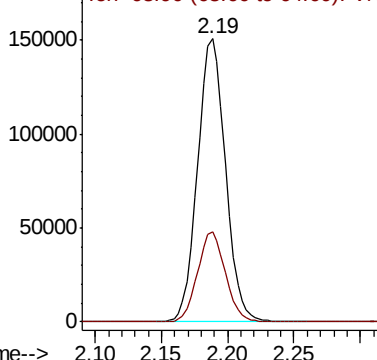
Ion Ratio Lower Upper

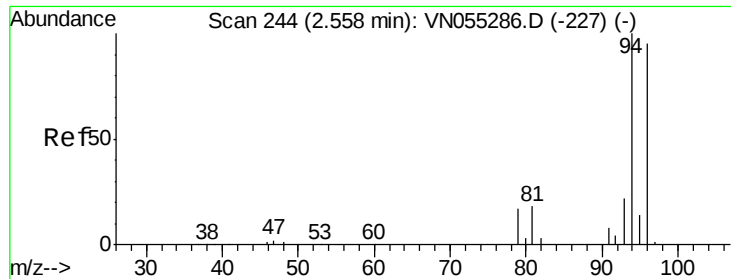
62 100

64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 63.90 (63.60 to 64.60): VNC

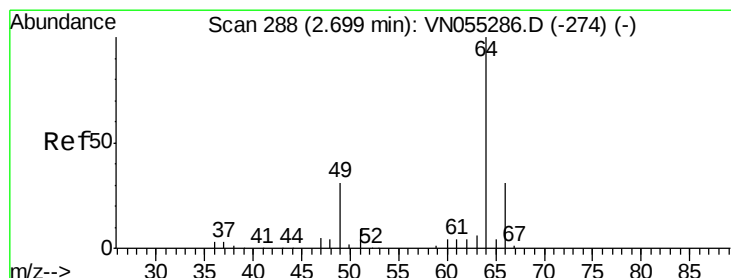
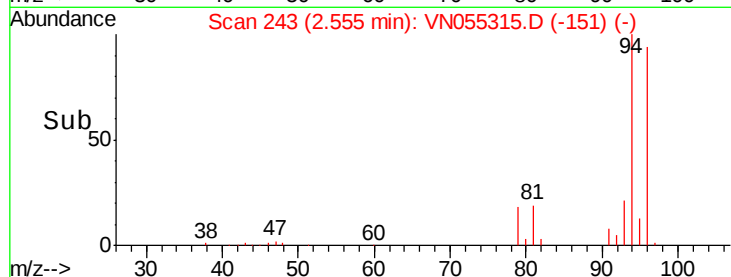
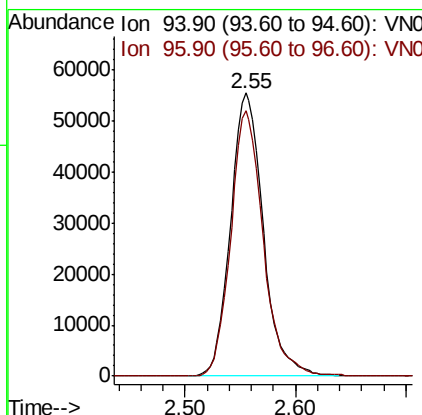
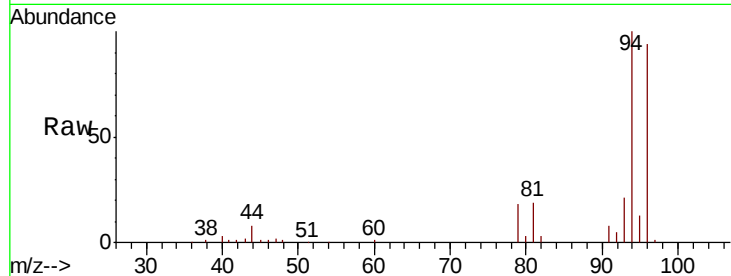




#5
Bromomethane
Concen: 46.344 ug/l
RT: 2.55 min Scan# 243
Delta R.T. -0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

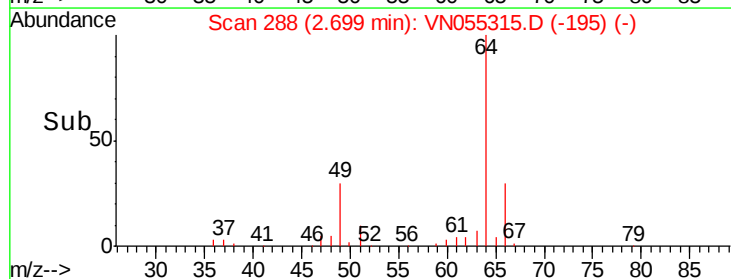
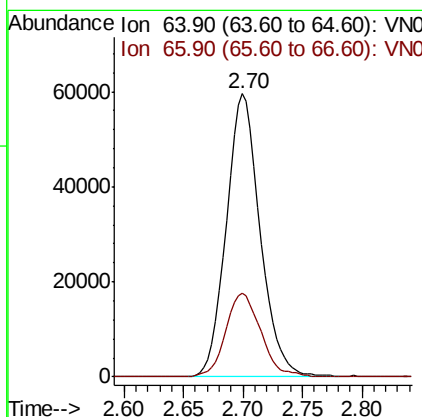
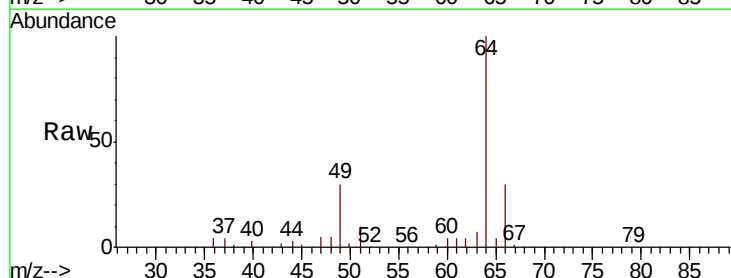
Instrument :
MSVOA_N
ClientSampled :

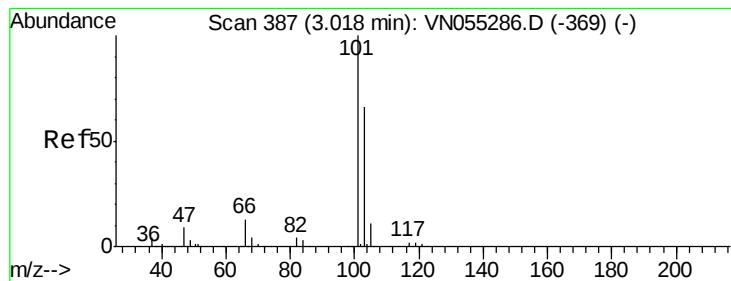
Tot Ion: 94 Resp: 113857
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0



#6
Chloroethane
Concen: 46.750 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 64 Resp: 117465
Ion Ratio Lower Upper
64 100
66 29.6 25.0 37.4



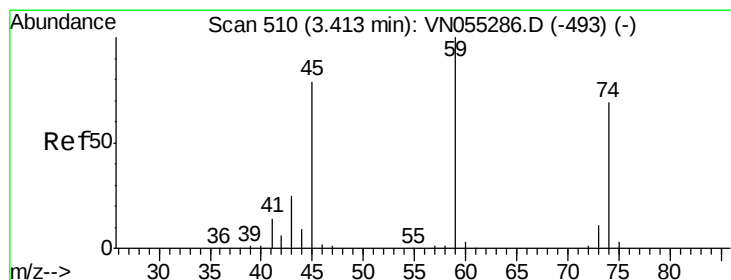
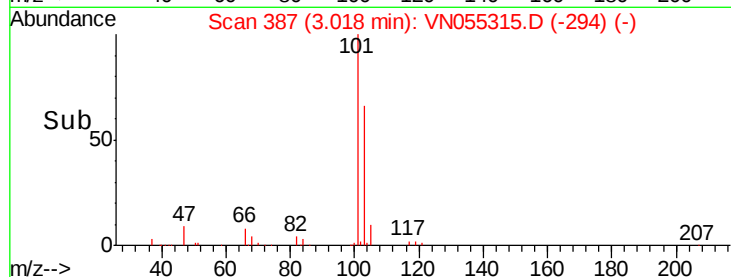
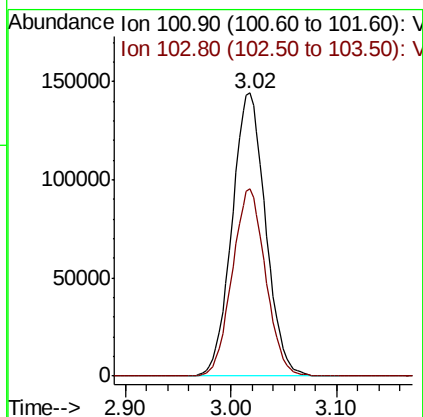
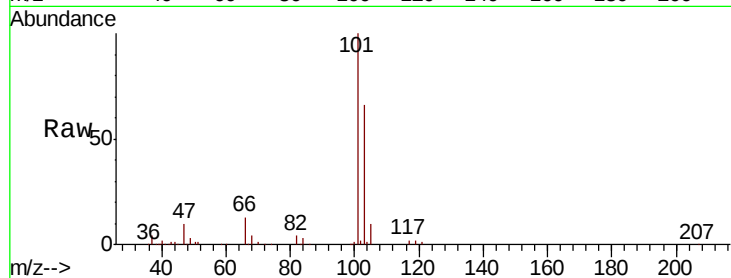


#7

Trichlorofluoromethane
 Concen: 48.227 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampleId :

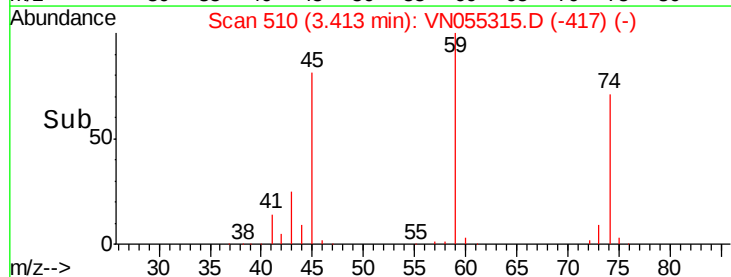
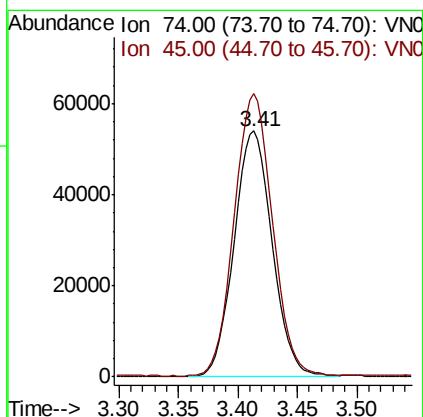
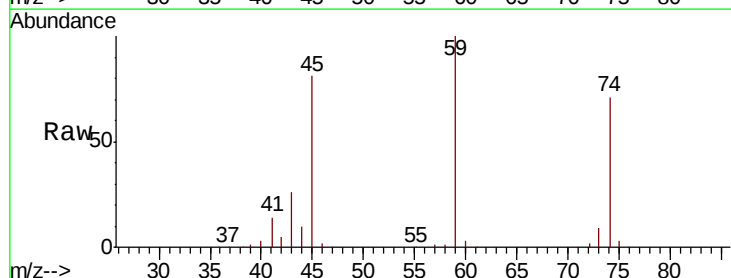
Tot Ion:101 Resp: 318072
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.6 79.0

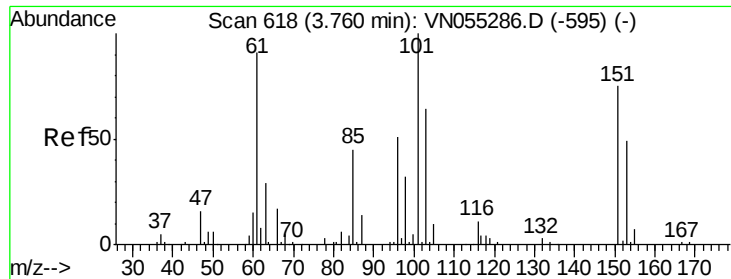


#8

Diethyl Ether
 Concen: 52.054 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 74 Resp: 120112
 Ion Ratio Lower Upper
 74 100
 45 115.0 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.371 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

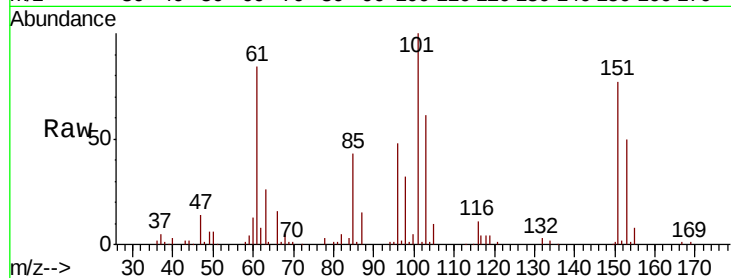
Tot Ion:101 Resp: 189973

Ion Ratio Lower Upper

101 100

85 44.2 35.7 53.5

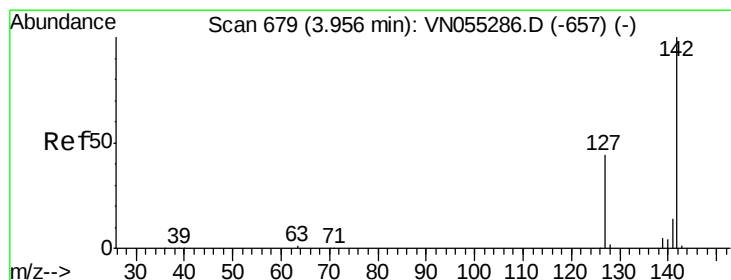
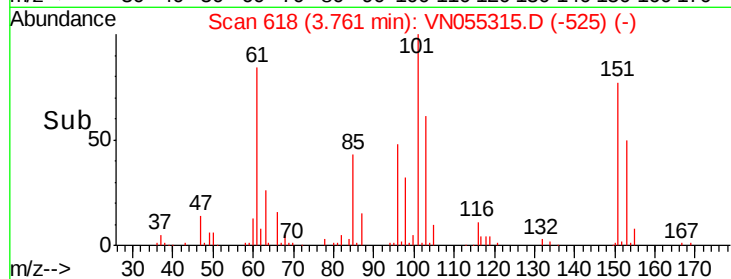
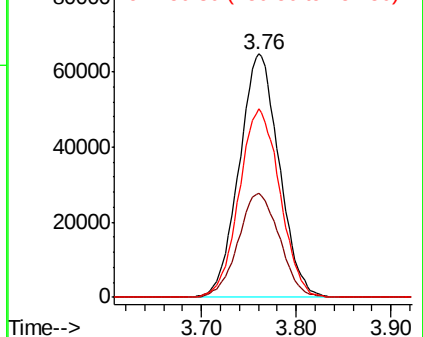
151 78.7 63.3 94.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.998 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

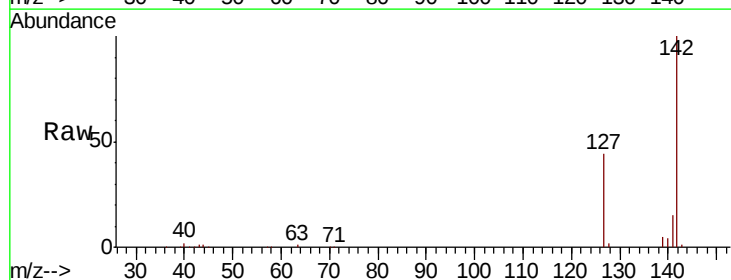
Tgt Ion:142 Resp: 281870

Ion Ratio Lower Upper

142 100

127 42.9 34.4 51.6

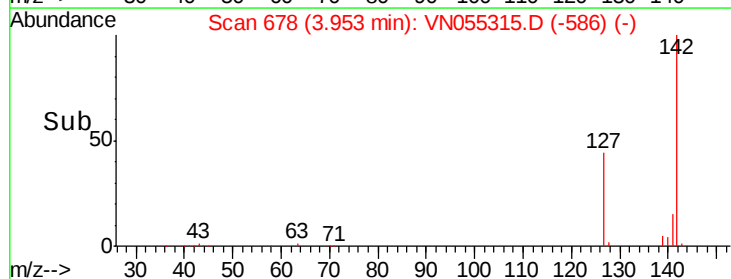
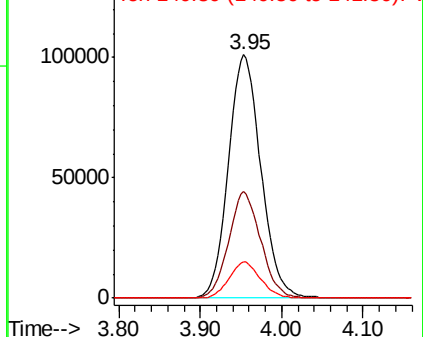
141 14.4 11.5 17.3

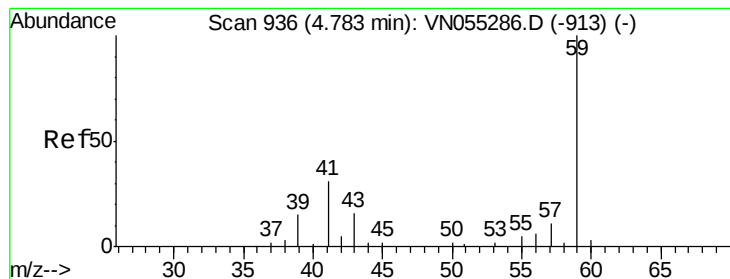


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



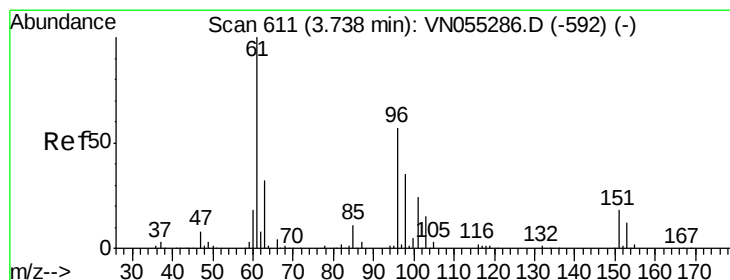
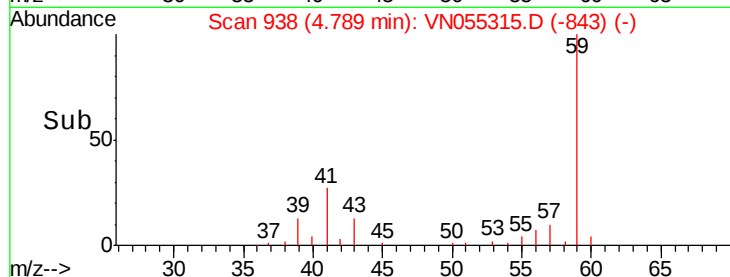
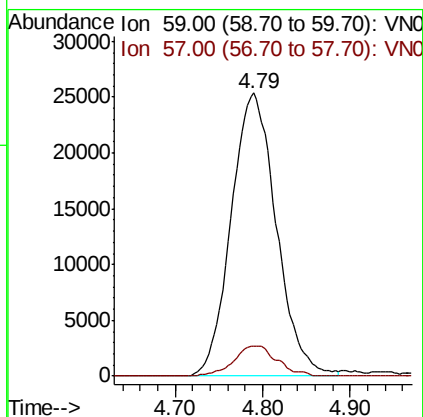
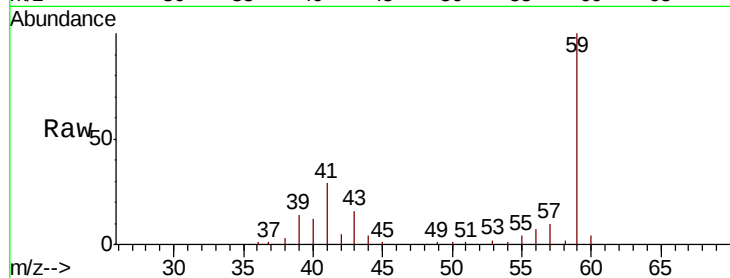


#11

Tert butyl alcohol
 Concen: 319.937 ug/l
 RT: 4.79 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampled :

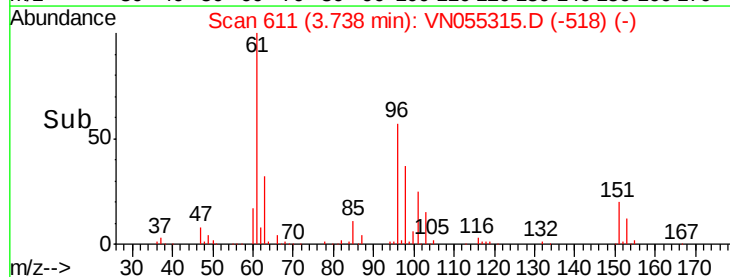
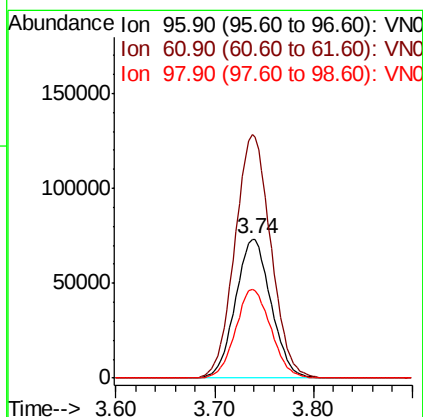
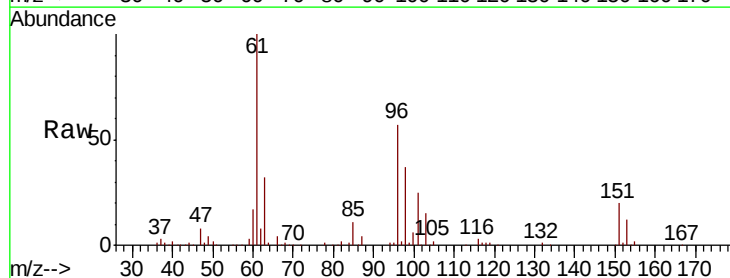
Tot Ion: 59 Resp: 90884
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.2

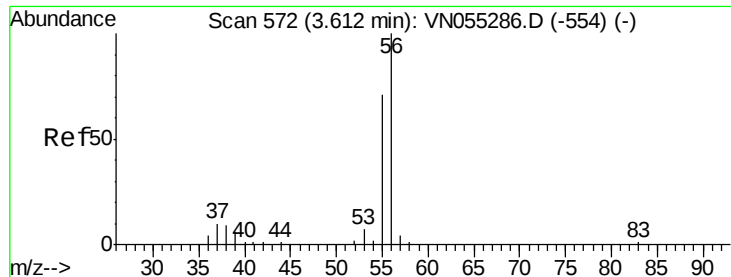


#12

1,1-Dichloroethene
 Concen: 48.784 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 96 Resp: 182771
 Ion Ratio Lower Upper
 96 100
 61 175.2 140.9 211.3
 98 64.3 50.0 75.0





#13

Acrolein

Concen: 267.955 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

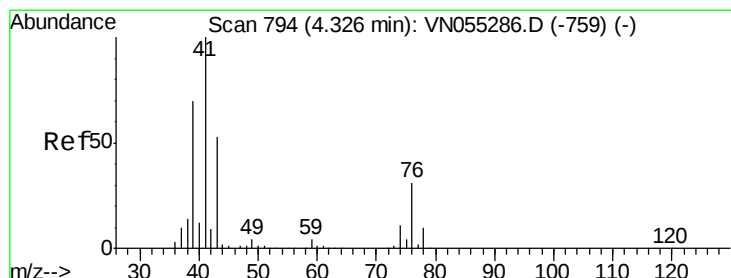
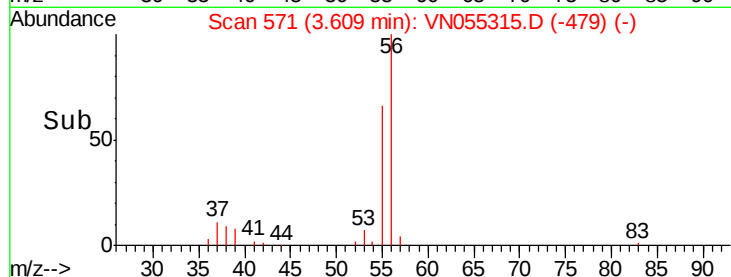
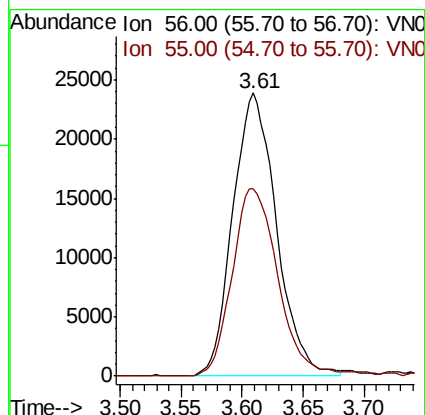
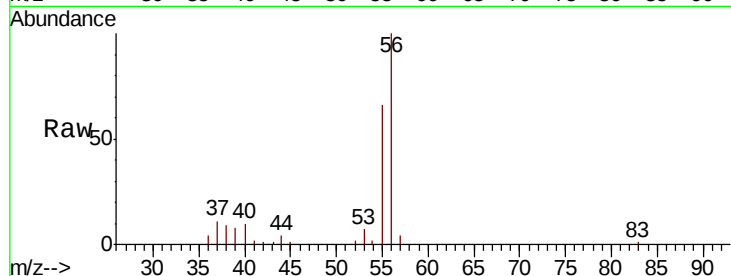
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 59445

Ion Ratio Lower Upper

56 100

55 69.1 57.4 86.2



#14

Allyl chloride

Concen: 49.853 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

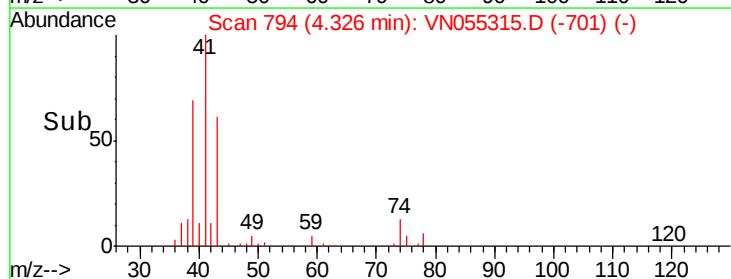
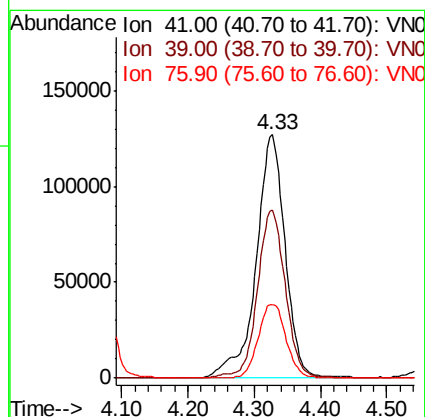
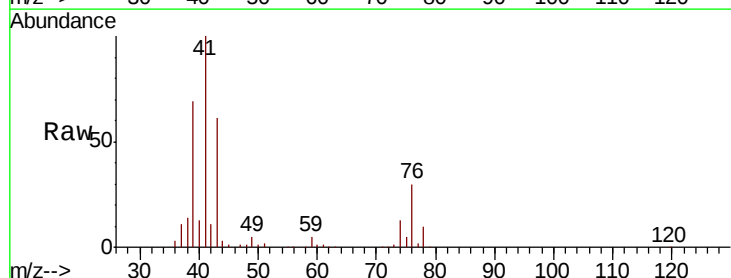
Tgt Ion: 41 Resp: 386830

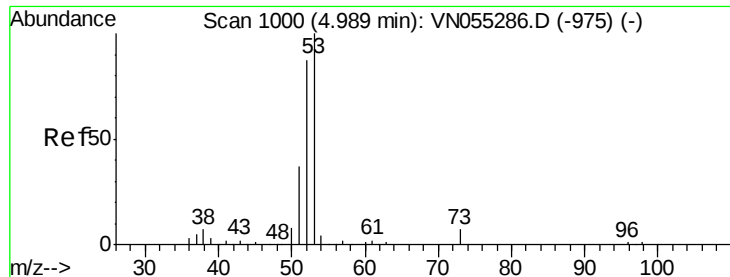
Ion Ratio Lower Upper

41 100

39 66.3 53.0 79.6

76 29.0 22.7 34.1





#15

Acrylonitrile

Concen: 288.411 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

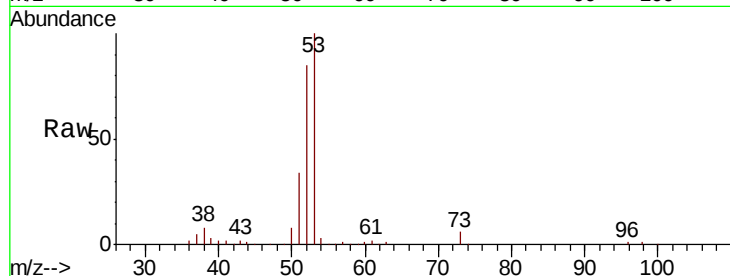
Tot Ion: 53 Resp: 460512

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

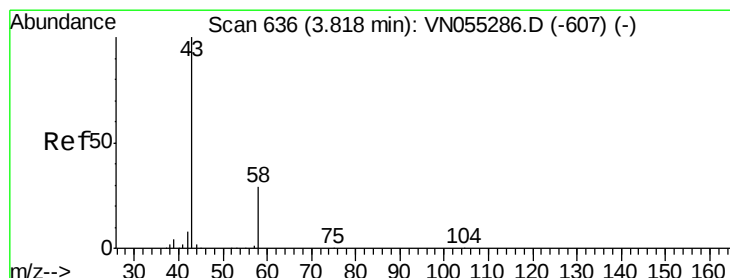
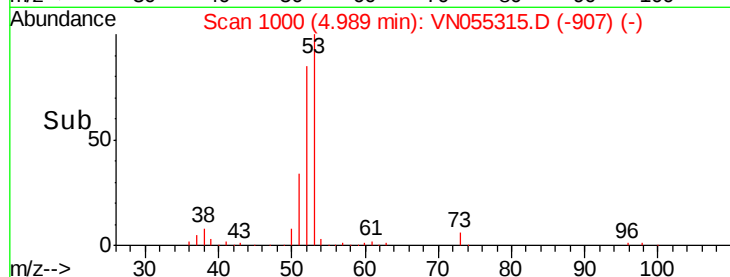
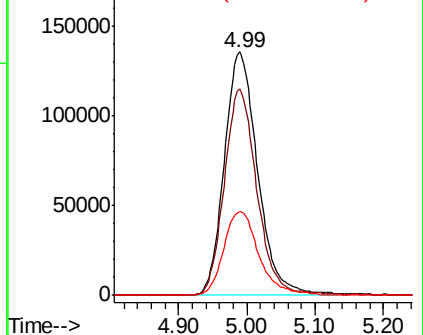
51 36.4 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 240.268 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055315.D

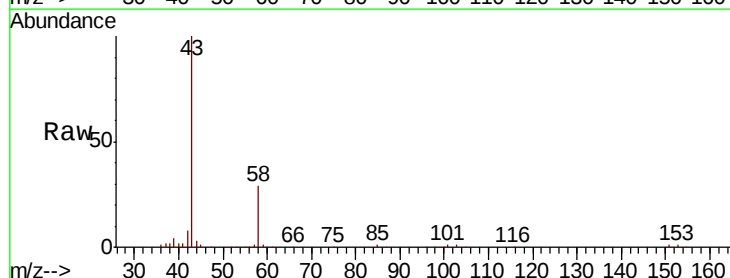
Acq: 30 Apr 2019 18:09

Tgt Ion: 43 Resp: 371452

Ion Ratio Lower Upper

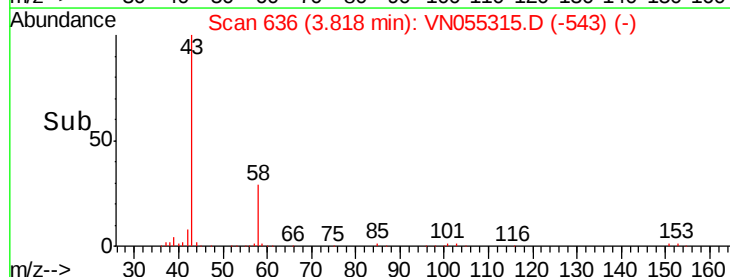
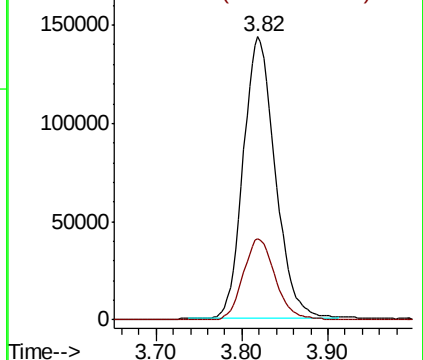
43 100

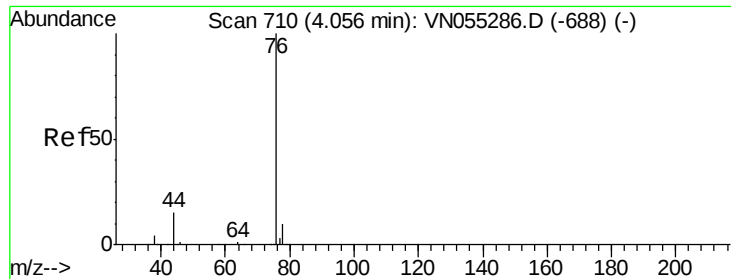
58 28.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

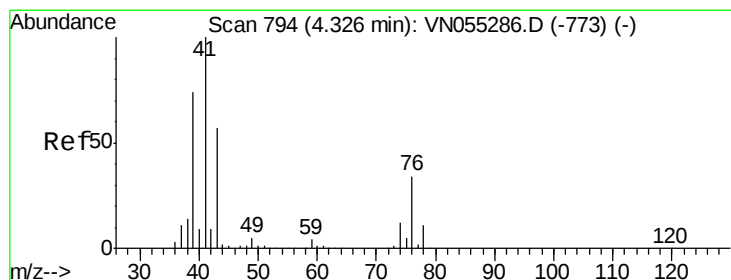
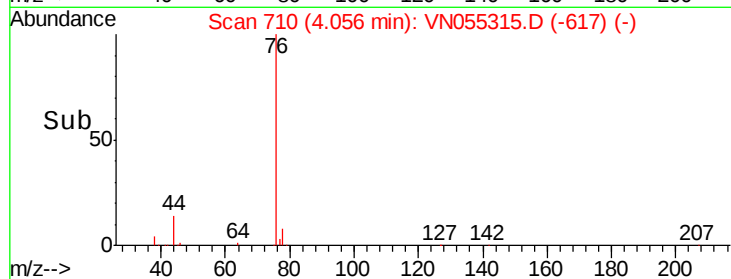
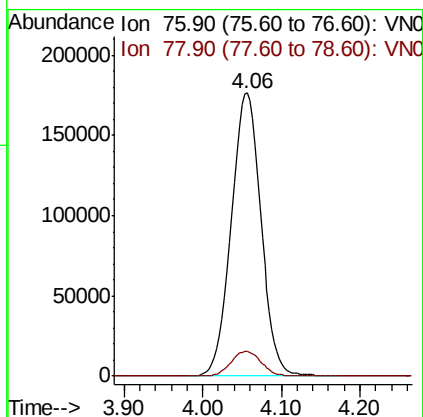
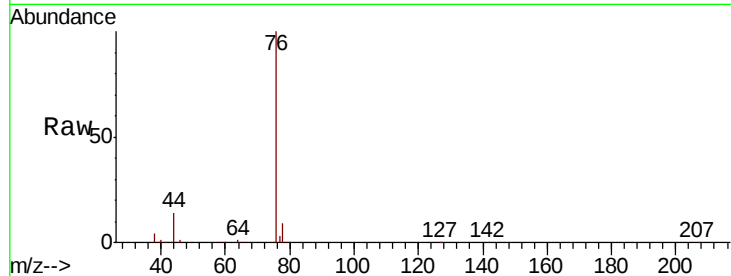




#17
Carbon Disulfide
Concen: 47.555 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

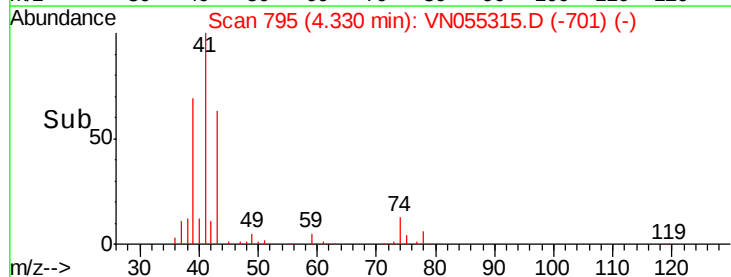
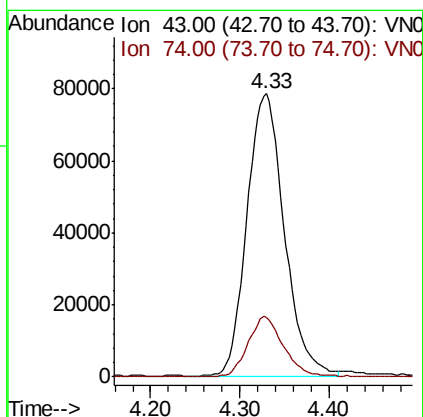
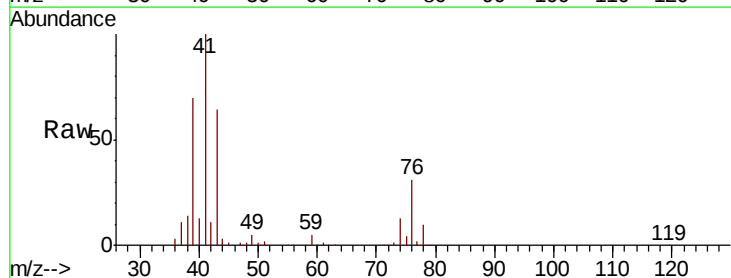
Instrument :
MSVOA_N
ClientSampleId :

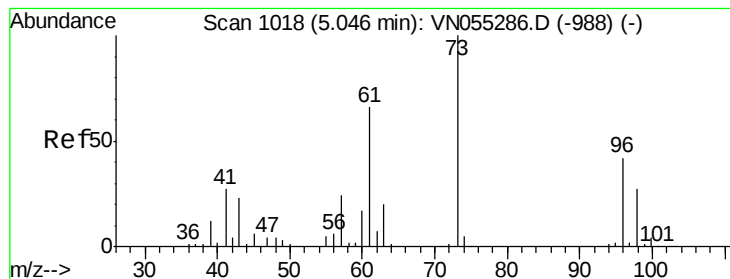
Tot Ion: 76 Resp: 464964
Ion Ratio Lower Upper
76 100
78 8.6 7.6 11.4



#18
Methyl Acetate
Concen: 60.740 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 43 Resp: 227913
Ion Ratio Lower Upper
43 100
74 20.4 15.8 23.8



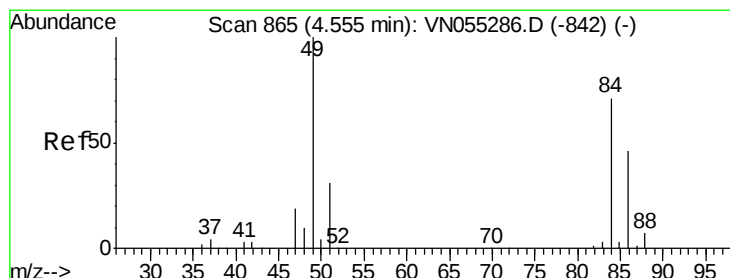
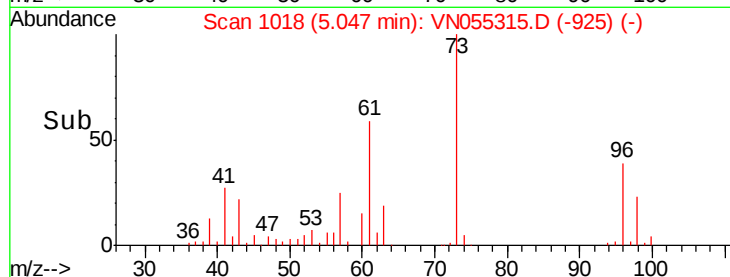
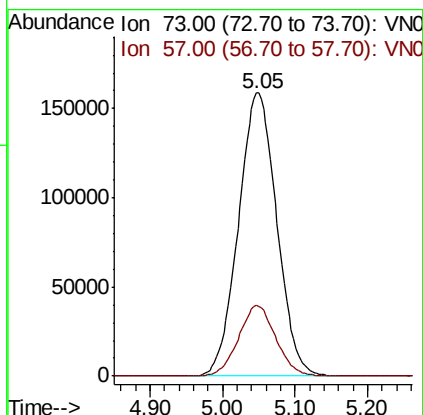
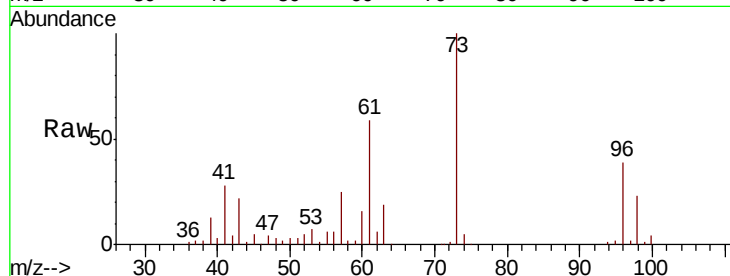


#19

Methyl tert-butyl Ether
 Concen: 55.318 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampled :

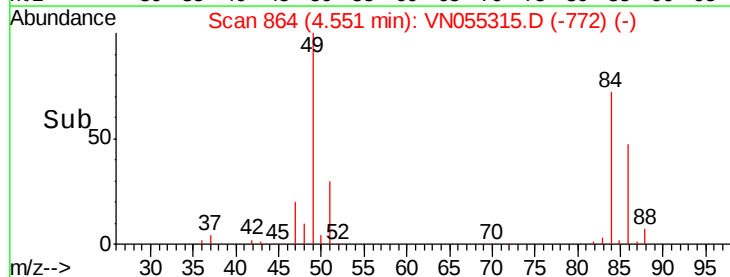
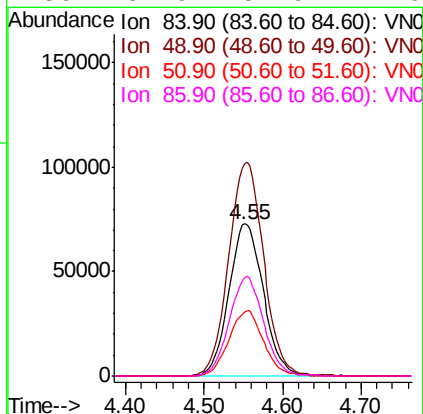
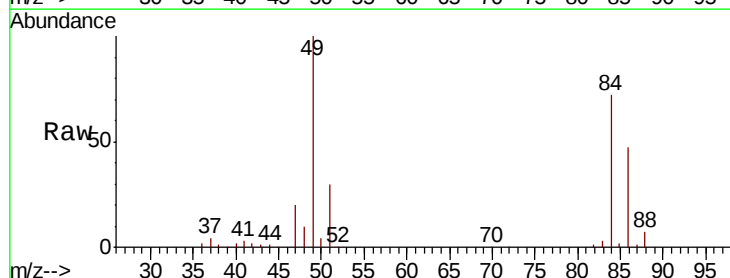
Tot Ion: 73 Resp: 582632
 Ion Ratio Lower Upper
 73 100
 57 24.9 19.1 28.7

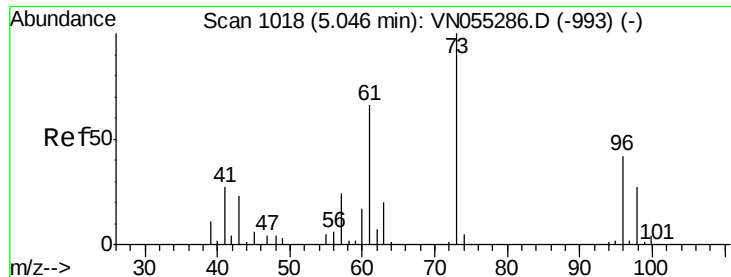


#20

Methylene Chloride
 Concen: 47.285 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 84 Resp: 223131
 Ion Ratio Lower Upper
 84 100
 49 139.3 112.4 168.6
 51 42.0 34.6 51.8
 86 64.9 51.9 77.9

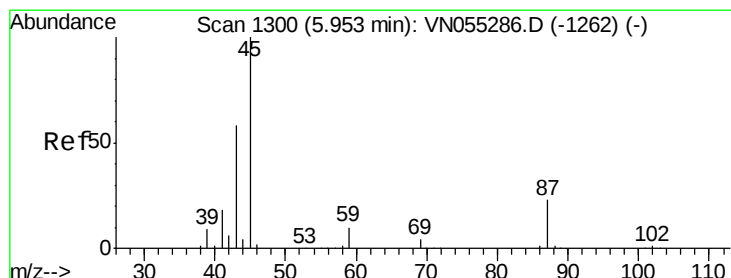
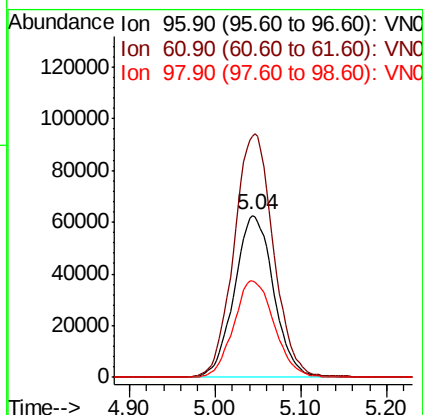
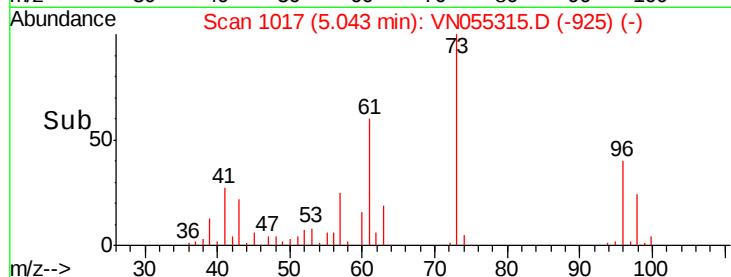
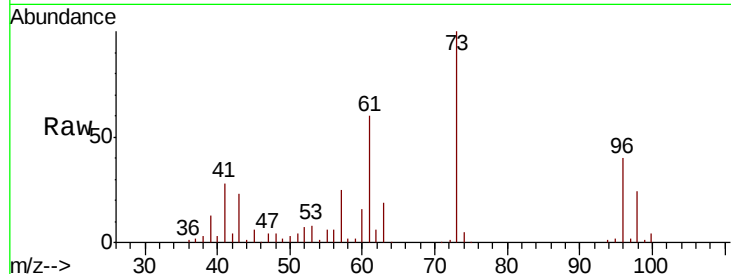




#21
trans-1,2-Dichloroethene
Concen: 50.033 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

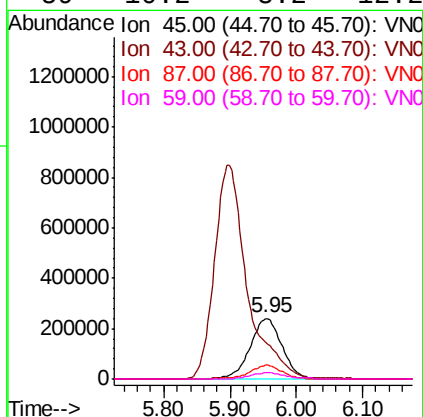
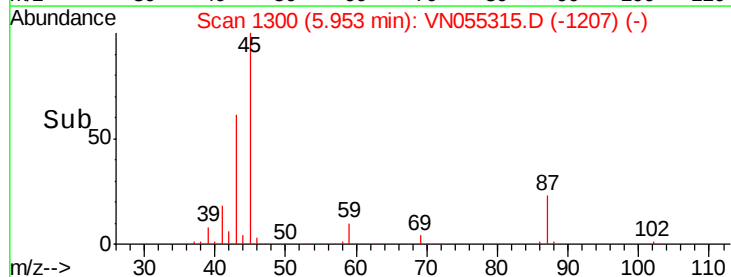
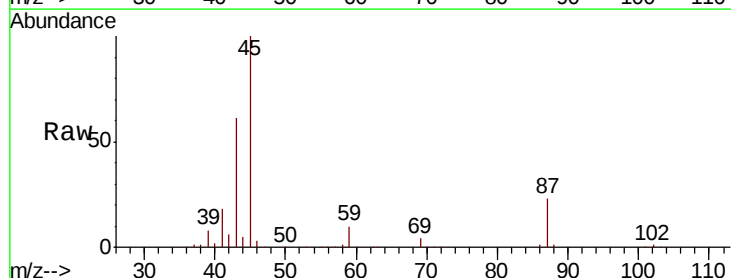
Instrument :
MSVOA_N
ClientSampleId :

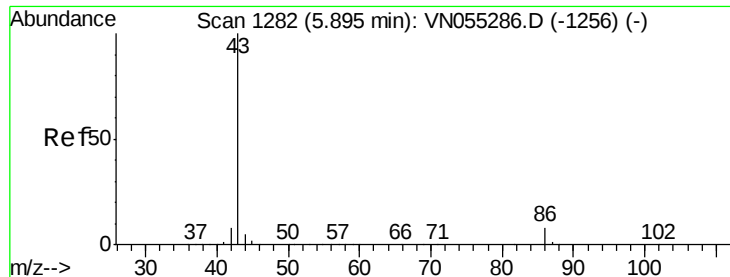
Tot Ion: 96 Resp: 198523
Ion Ratio Lower Upper
96 100
61 149.0 126.2 189.4
98 59.3 52.2 78.2



#22
Diisopropyl ether
Concen: 52.349 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 45 Resp: 807076
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 22.4 18.1 27.1
59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 287.455 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

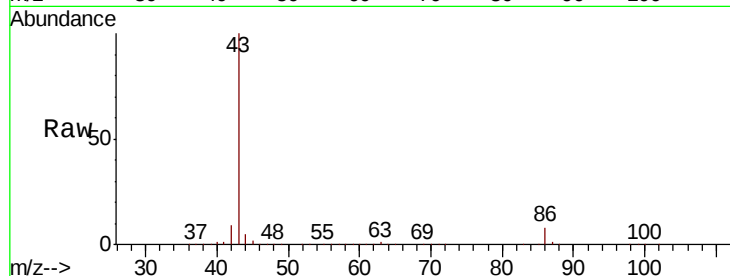
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2904562

Ion Ratio Lower Upper

43 100

86 8.4 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055315.D (-1282) (-)

Ion 86.00 (85.70 to 86.70): VN055315.D (-1282) (-)

5.90

800000

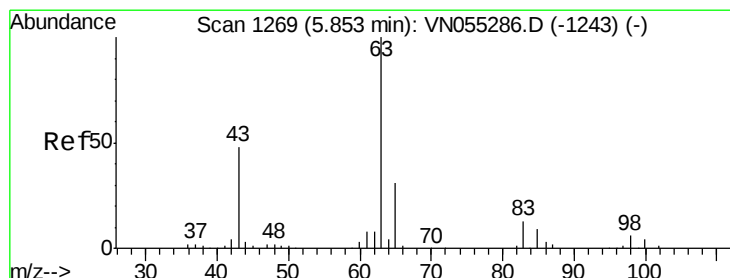
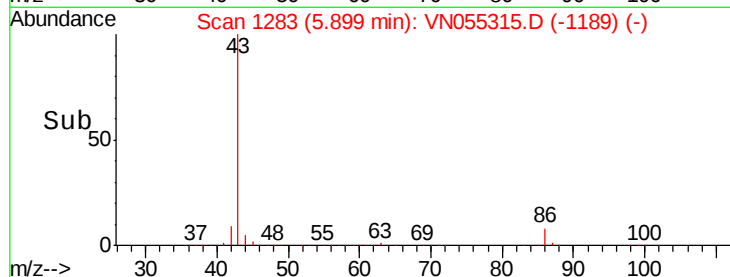
600000

400000

200000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 50.022 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

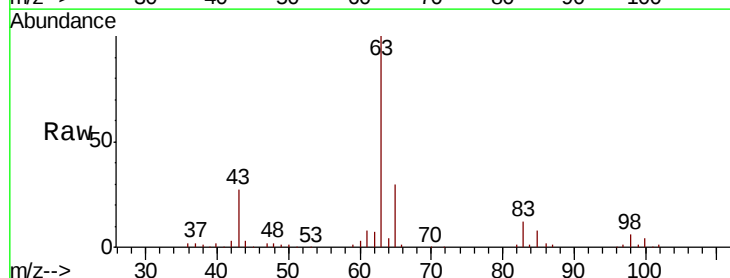
Tgt Ion: 63 Resp: 410901

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

100 3.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN055315.D (-1269) (-)

Ion 97.90 (97.60 to 98.60): VN055315.D (-1269) (-)

Ion 99.90 (99.60 to 100.60): VN055315.D (-1269) (-)

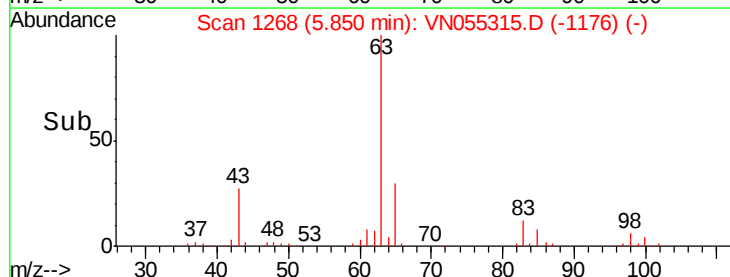
150000

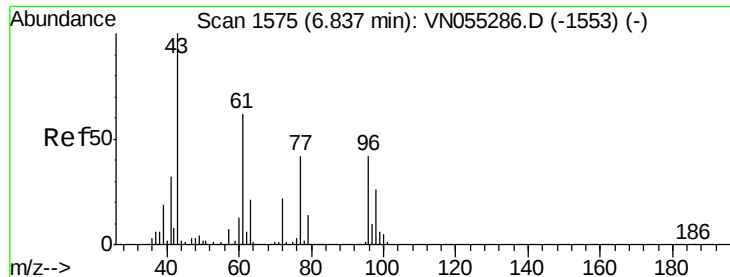
100000

50000

0

Time--> 5.70 5.80 5.90 6.00

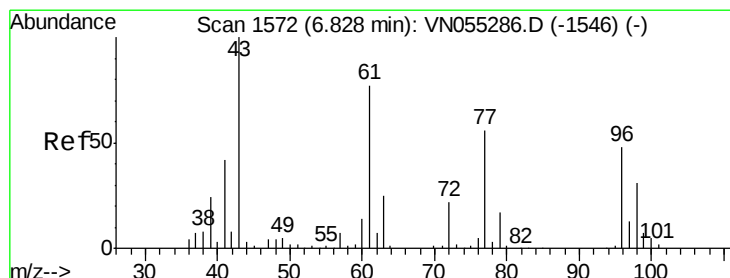
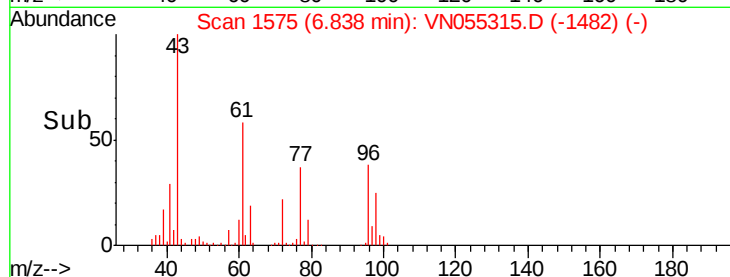
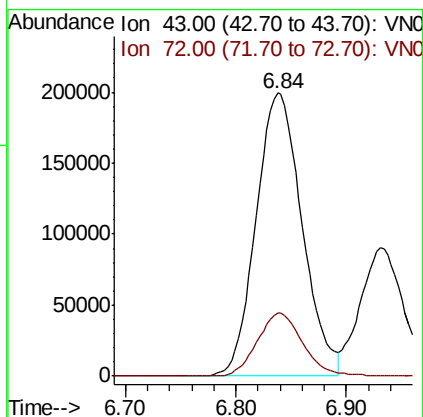
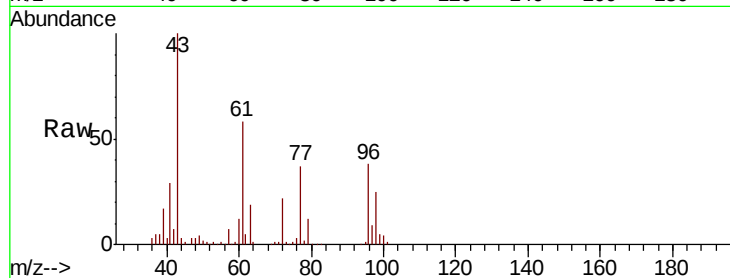




#25
2-Butanone
Concen: 290.456 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

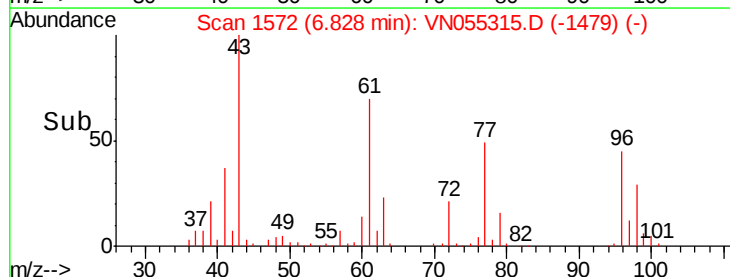
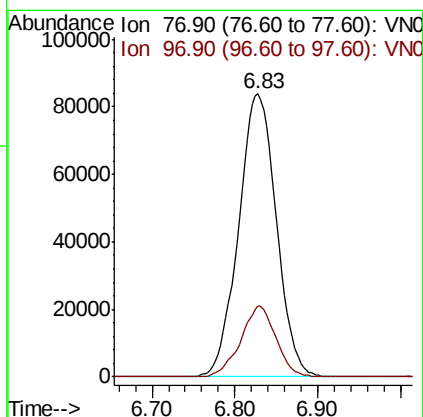
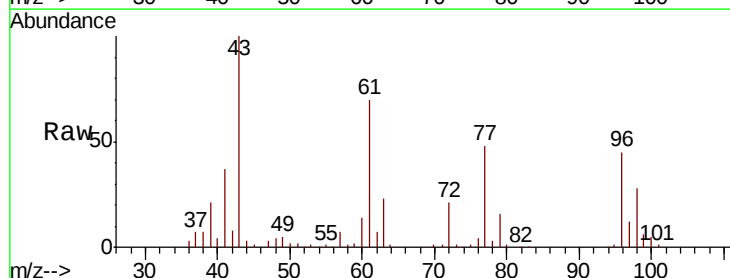
Instrument :
MSVOA_N
ClientSampled :

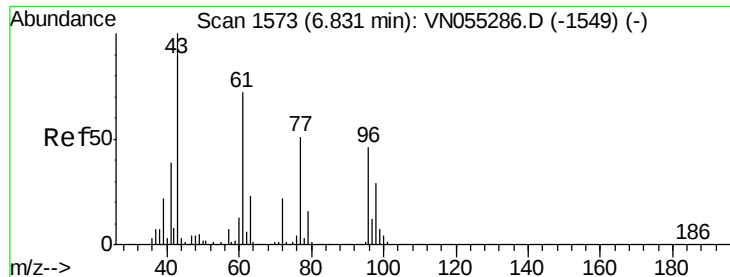
Tot Ion: 43 Resp: 574265
Ion Ratio Lower Upper
43 100
72 22.4 18.0 27.0



#26
2,2-Dichloropropane
Concen: 46.769 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 77 Resp: 265295
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.2

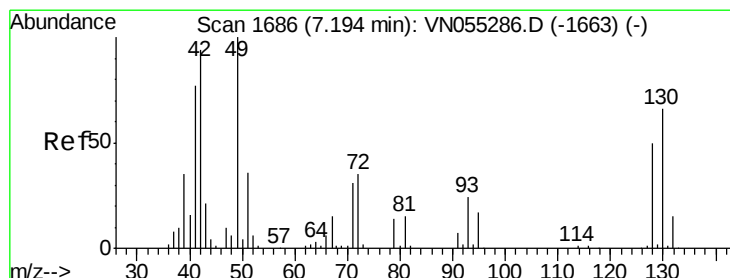
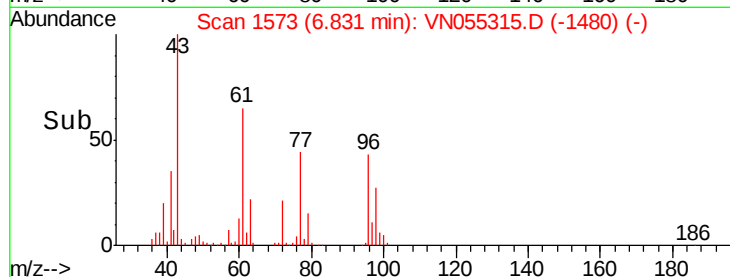
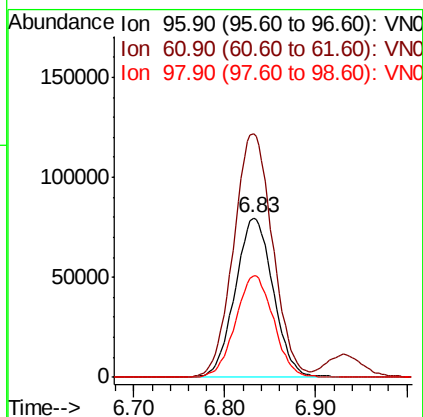
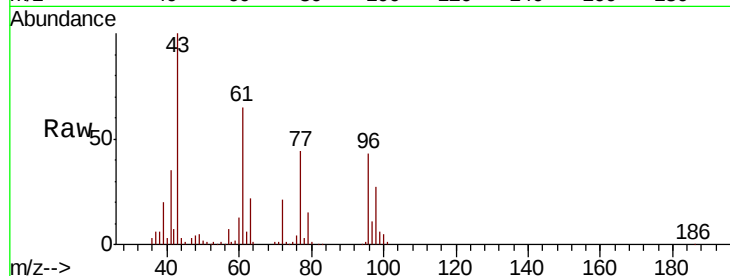




#27
 cis-1,2-Dichloroethene
 Concen: 51.225 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

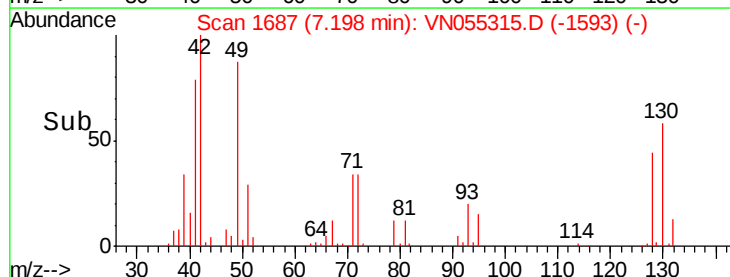
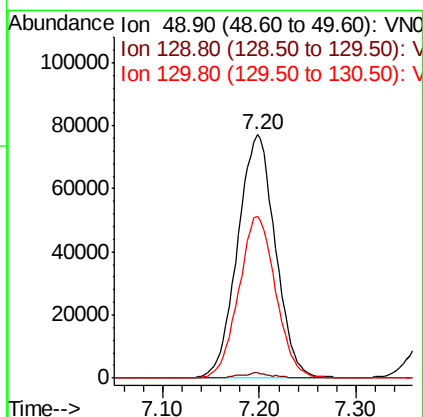
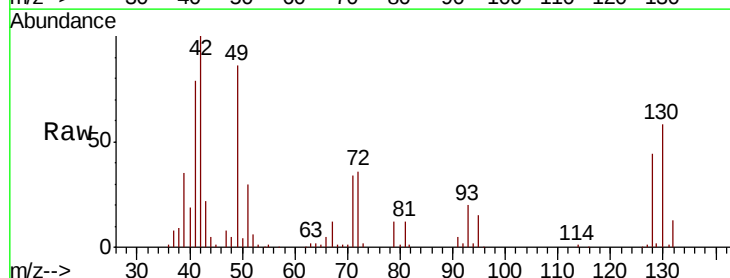
Instrument :
 MSVOA_N
 ClientSampleId :

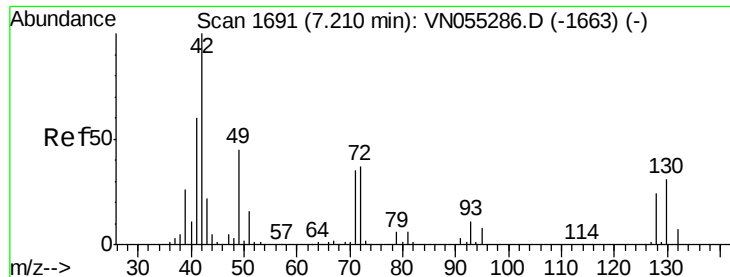
Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	0.0	316.2
98	63.9	0.0	126.6



#28
 Bromochloromethane
 Concen: 50.577 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.4
130	64.9	52.0	78.0

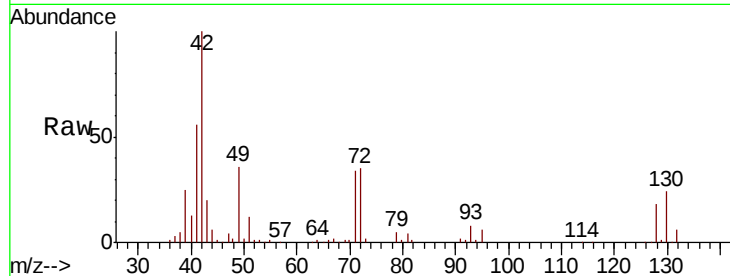




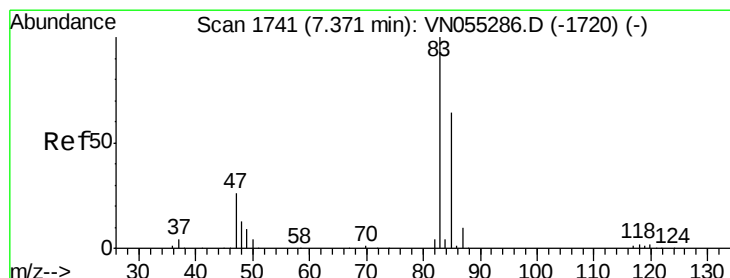
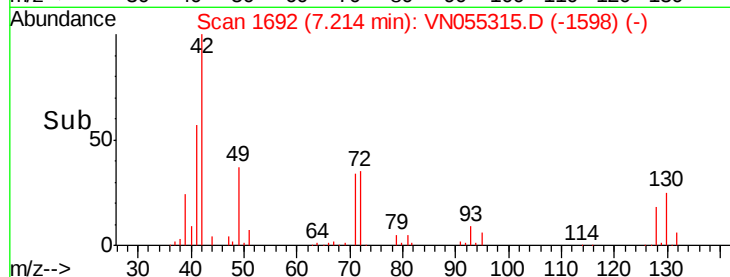
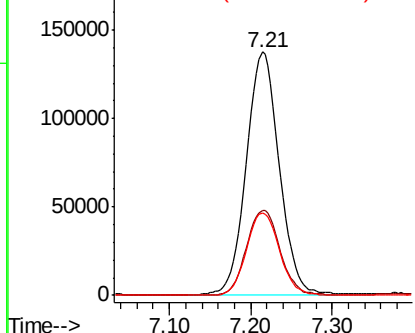
#29
Tetrahydrofuran
Concen: 301.857 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 382152
Ion Ratio Lower Upper
42 100
72 35.9 29.0 43.6
71 34.1 27.1 40.7

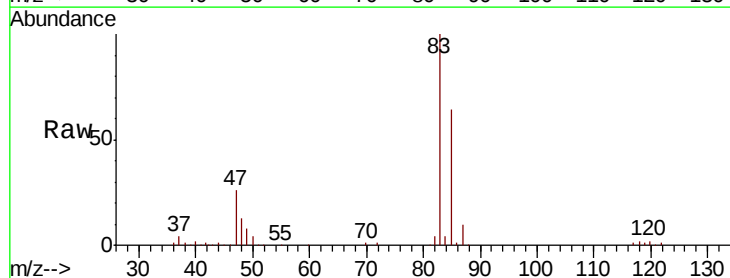


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

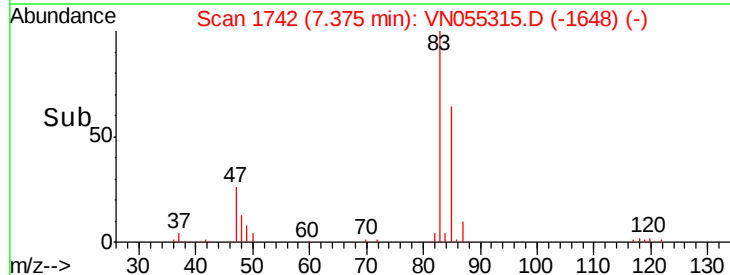
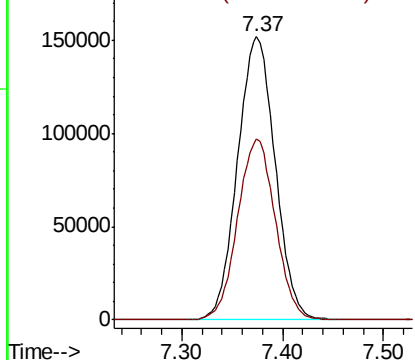


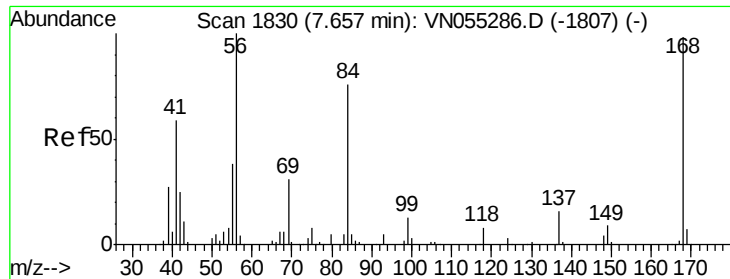
#30
Chloroform
Concen: 50.377 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 83 Resp: 392282
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2



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

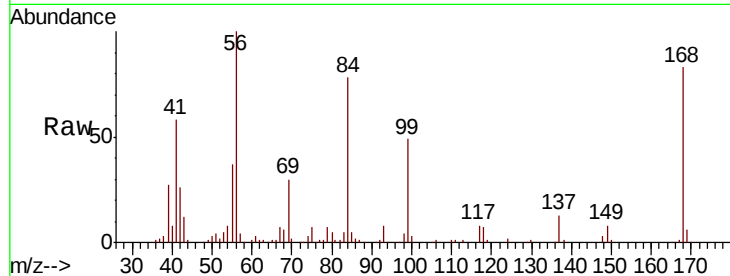




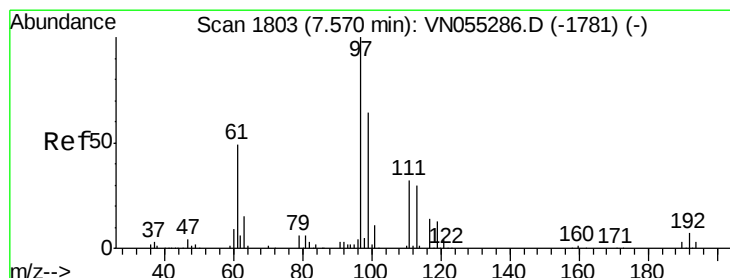
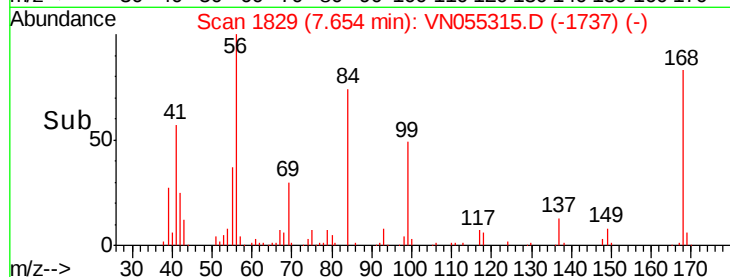
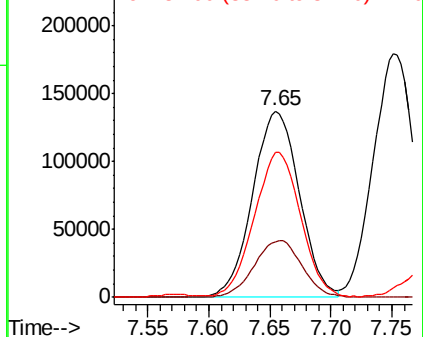
#31
Cyclohexane
Concen: 46.782 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	56	Resp	365114
Ion Ratio	Lower	Upper	
56	100		
69	29.8	25.2	37.8
84	76.4	61.1	91.7

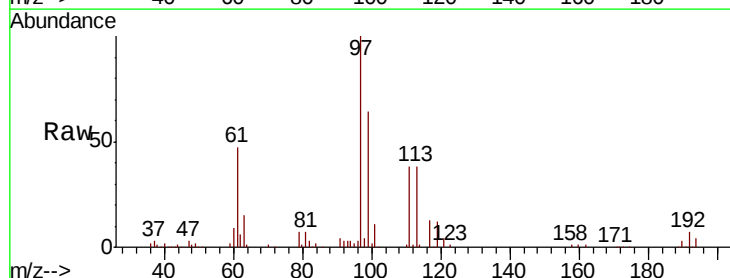


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

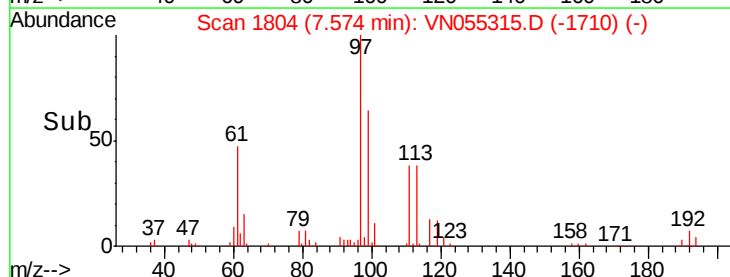
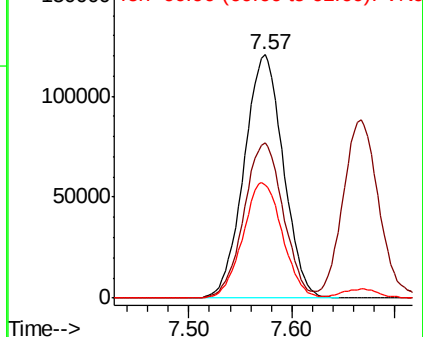


#32
1,1,1-Trichloroethane
Concen: 50.384 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion	97	Resp	318417
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.8
61	47.8	39.0	58.6



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

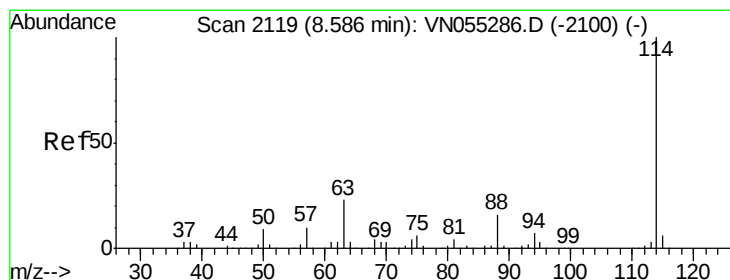
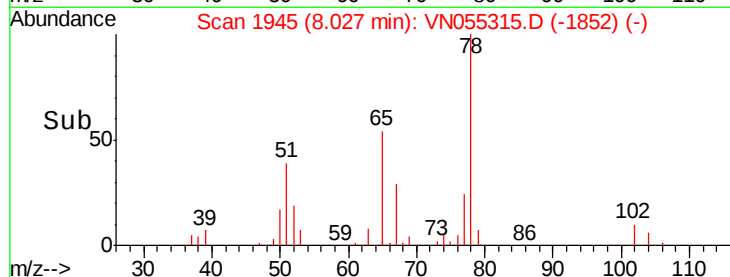
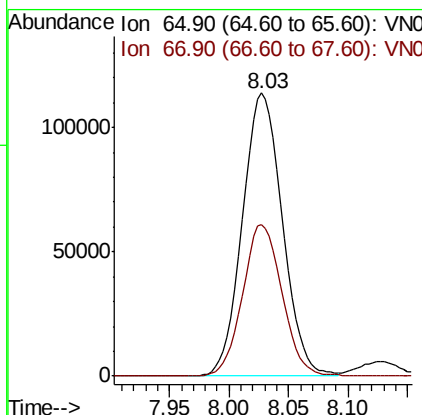
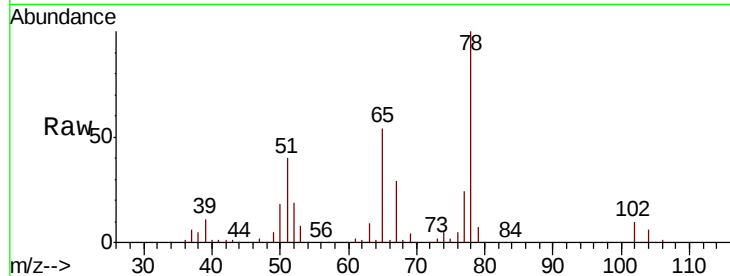




#33
 1,2-Dichloroethane-d4
 Concen: 53.522 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

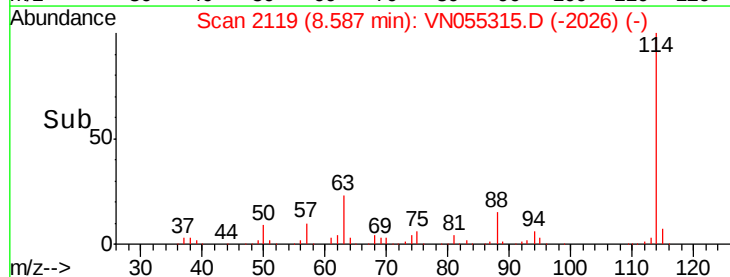
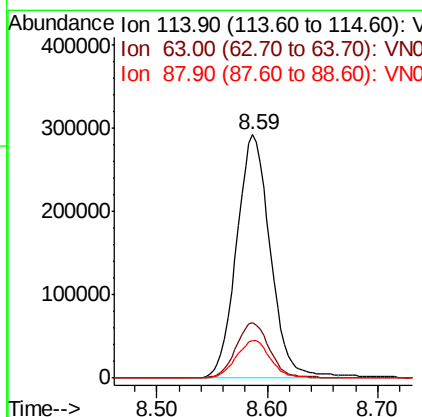
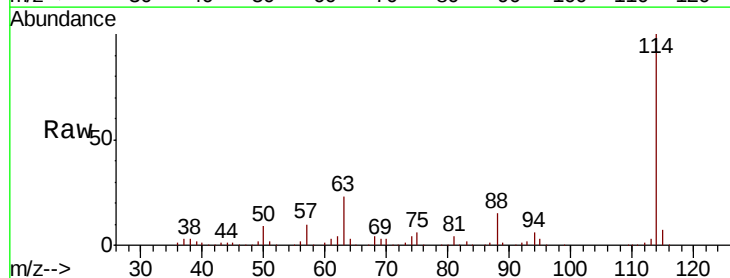
Instrument :
 MSVOA_N
 ClientSampled :

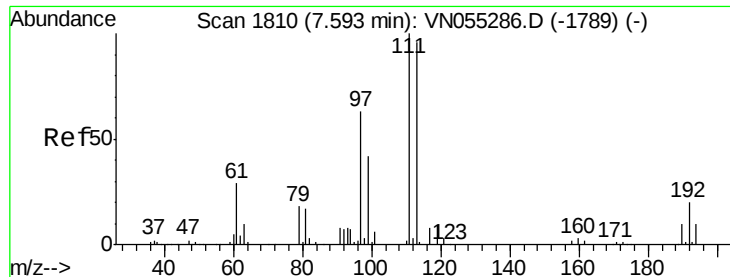
Tot Ion: 65 Resp: 265560
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 114 Resp: 619378
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.2
 88 15.4 0.0 31.6

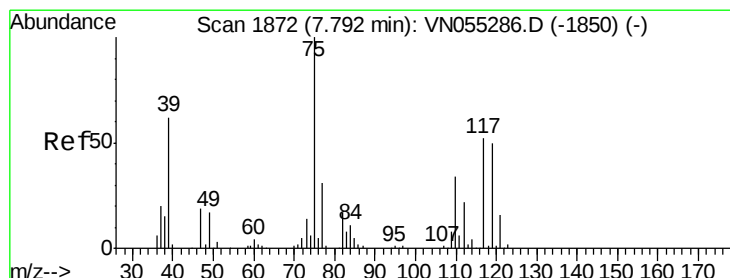
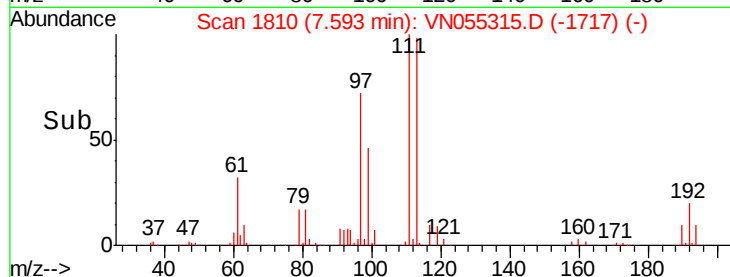
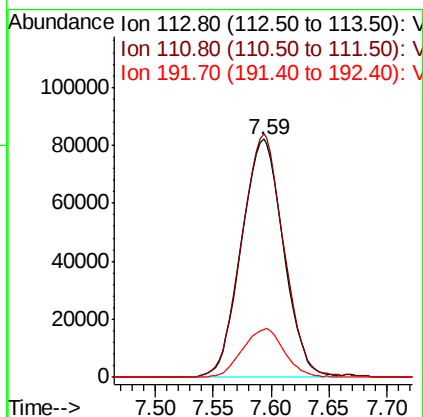
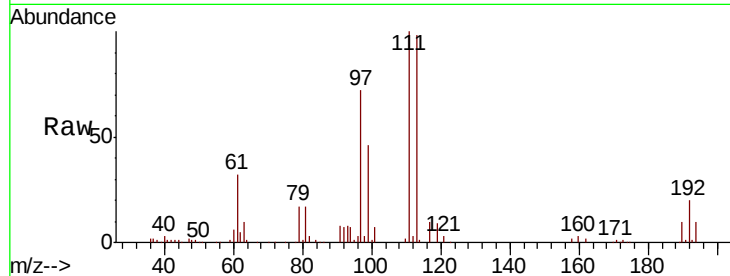




#35
 Dibromofluoromethane
 Concen: 50.989 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

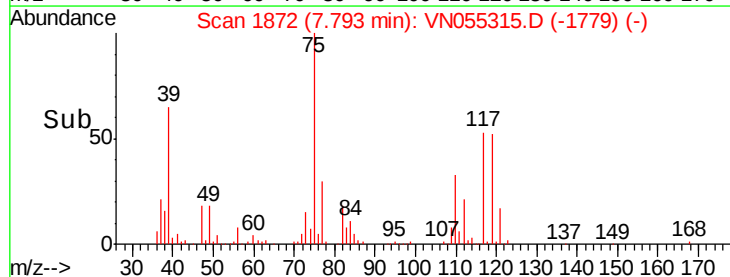
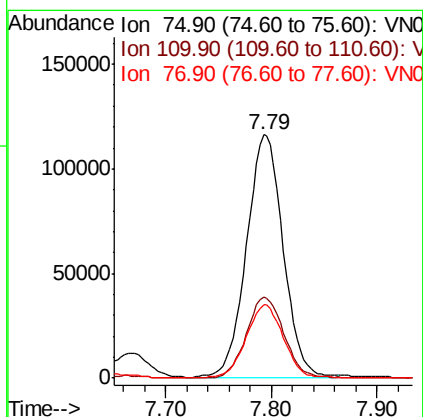
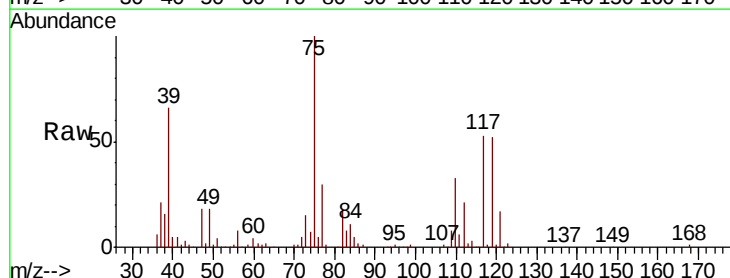
Instrument :
 MSVOA_N
 ClientSampleId :

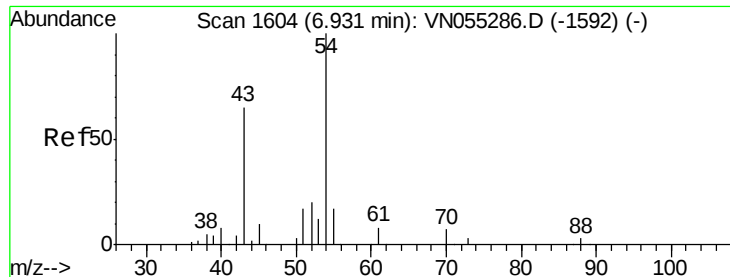
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	20.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 47.156 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.8	50.4
77	31.2	25.0	37.6

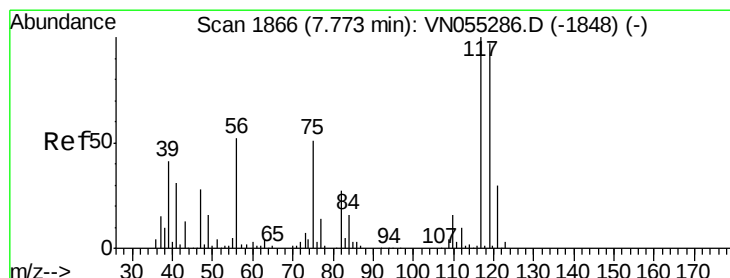
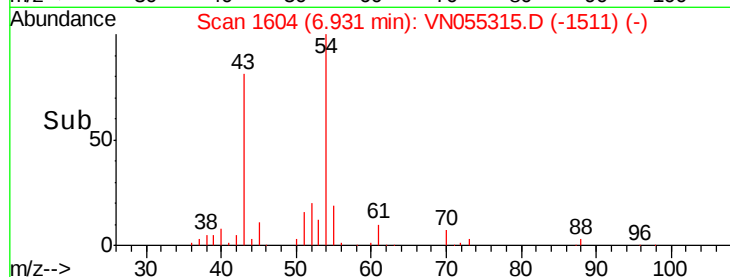
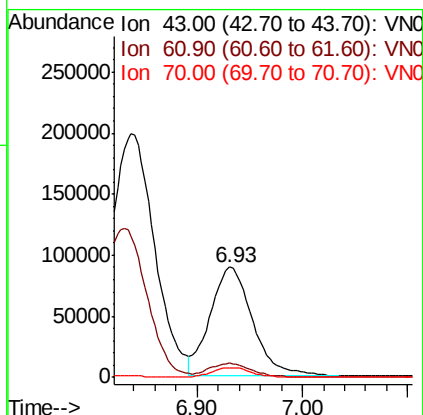
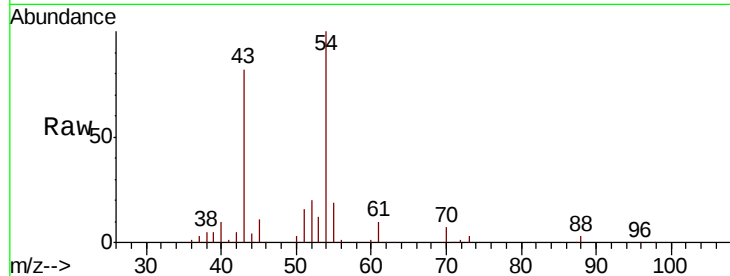




#37
Ethyl Acetate
Concen: 54.768 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

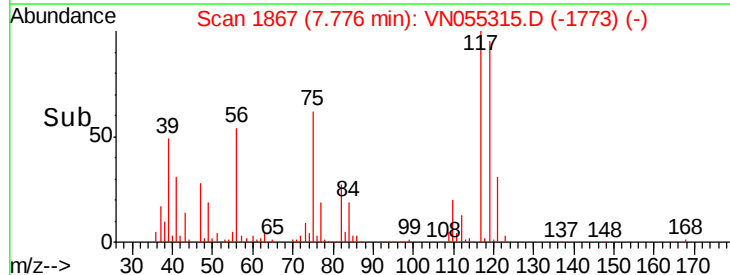
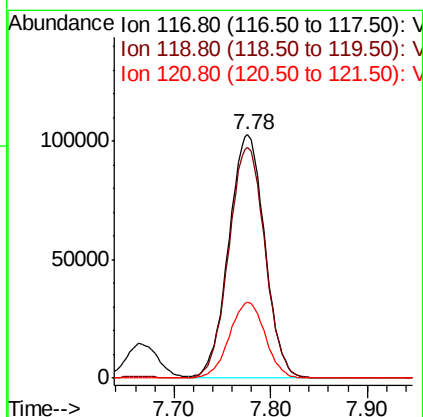
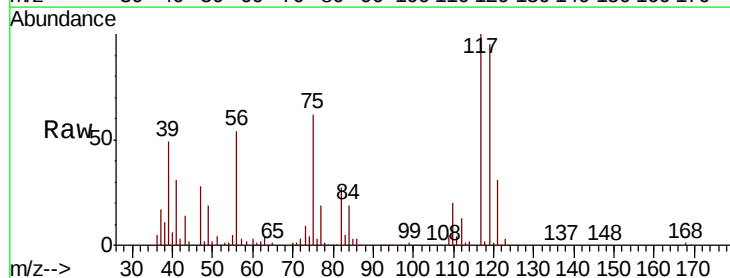
Instrument :
MSVOA_N
ClientSampled :

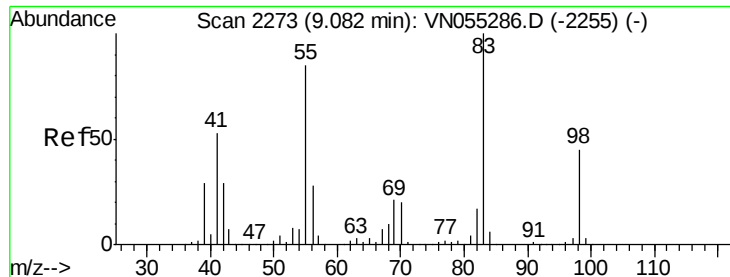
Tot Ion: 43 Resp: 249025
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 8.7 6.6 10.0



#38
Carbon Tetrachloride
Concen: 46.458 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 117 Resp: 265876
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.6
121 31.0 23.8 35.8

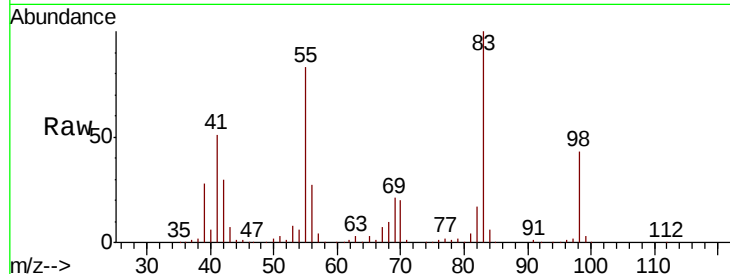




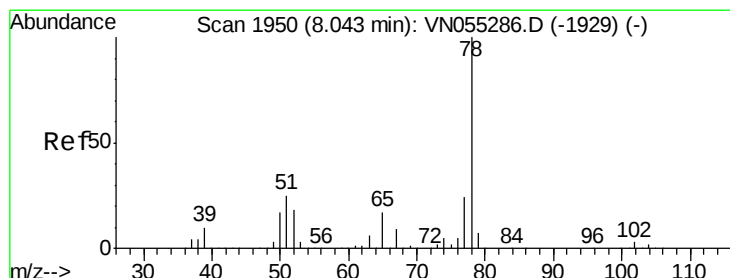
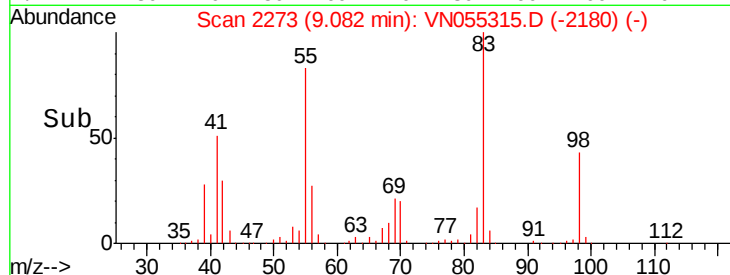
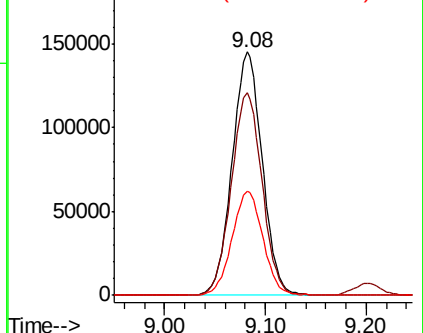
#39
Methvlcvclohexane
Concen: 47.701 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 300882
Ion Ratio Lower Upper
83 100
55 83.2 67.8 101.6
98 43.0 36.2 54.4

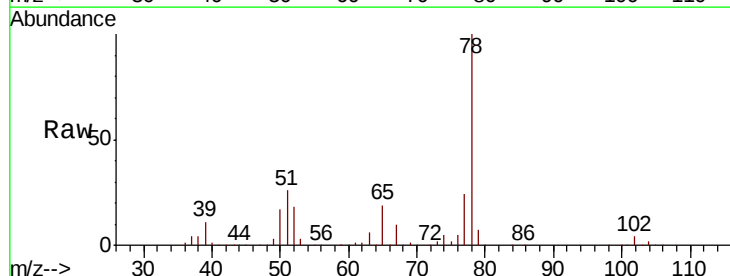


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

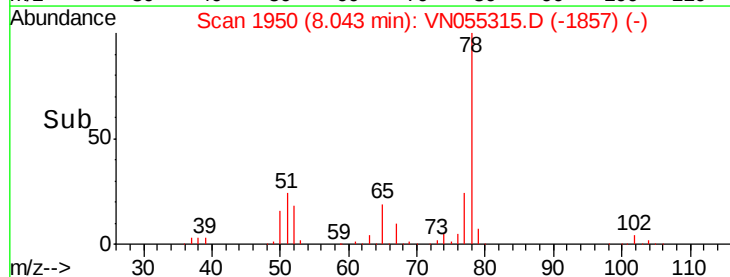
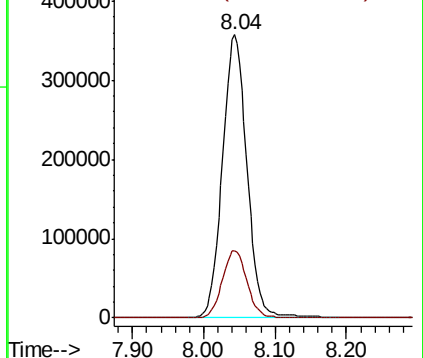


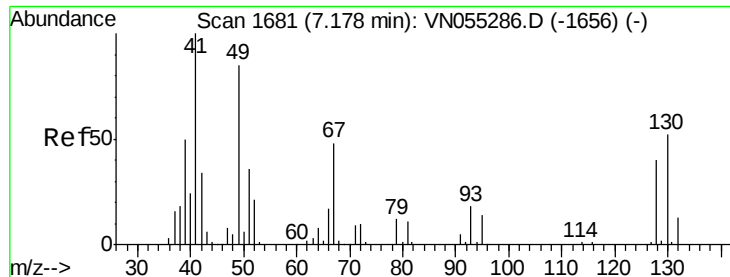
#40
Benzene
Concen: 48.867 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 78 Resp: 854643
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



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

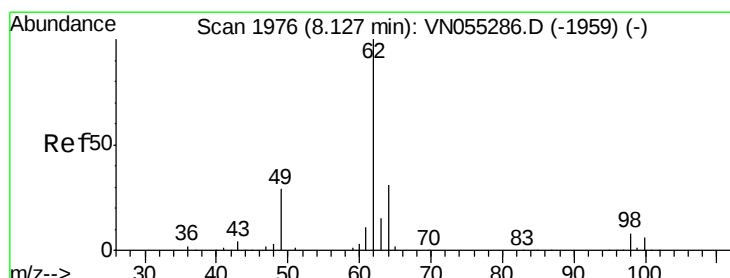
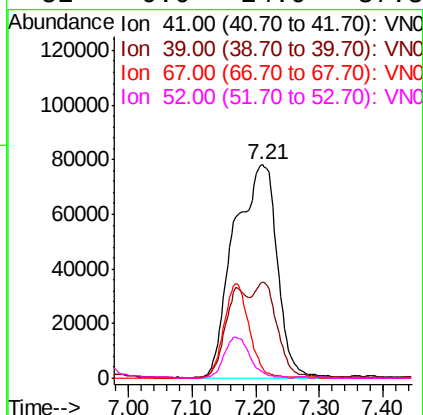
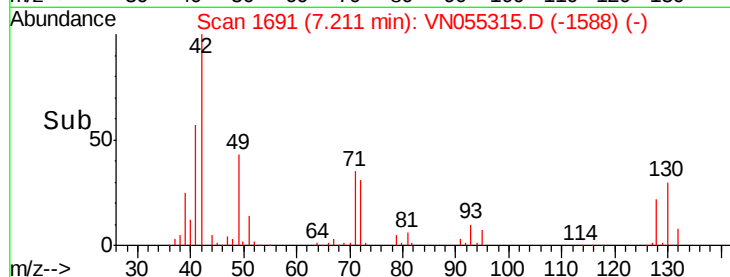
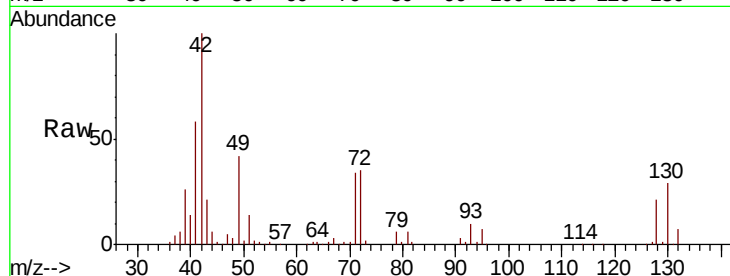




#41
Methacrylonitrile
Concen: 148.835 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

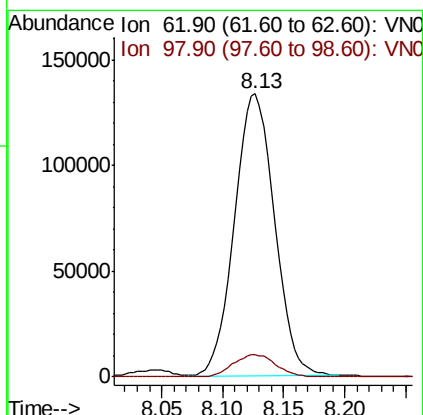
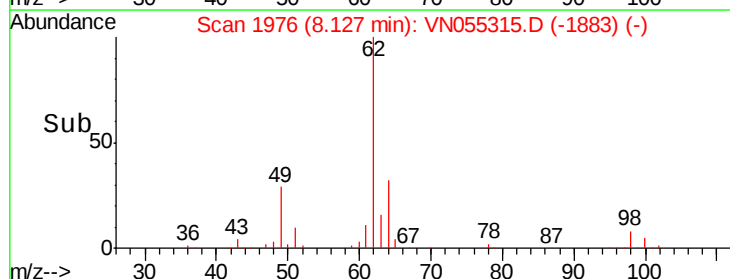
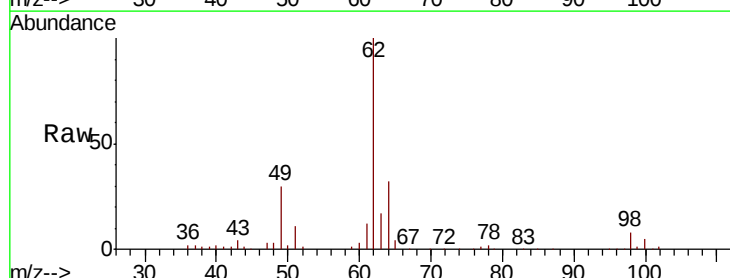
Instrument :
MSVOA_N
ClientSampleId :

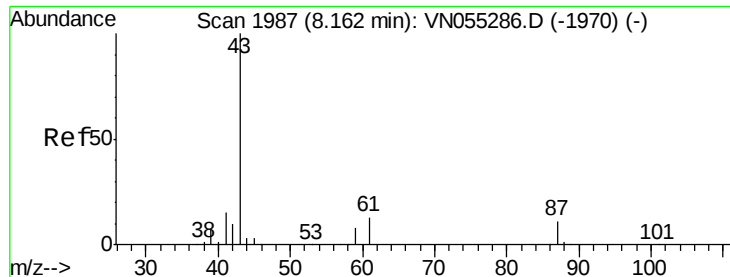
Tot Ion: 41 Resp: 369914
Ion Ratio Lower Upper
41 100
39 0.0 48.5 72.7#
67 0.0 54.9 82.3#
52 0.0 24.9 37.3#



#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 62 Resp: 303490
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.4





#43

Isopropyl Acetate

Concen: 61.944 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

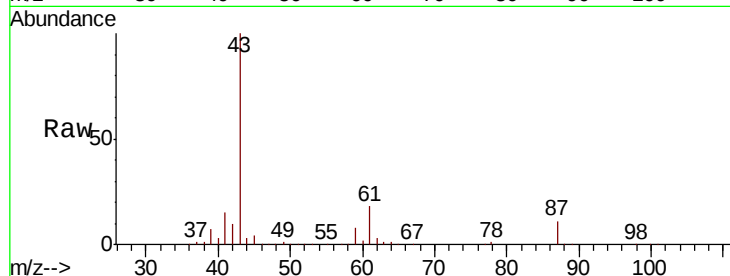
Tot Ion: 43 Resp: 452635

Ion Ratio Lower Upper

43 100

61 16.8 20.8 31.2#

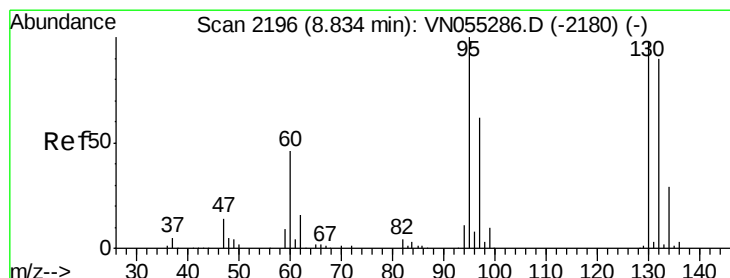
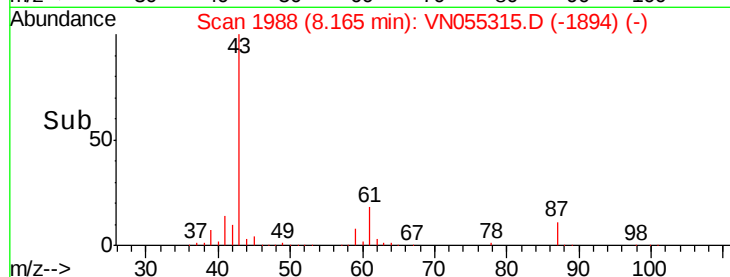
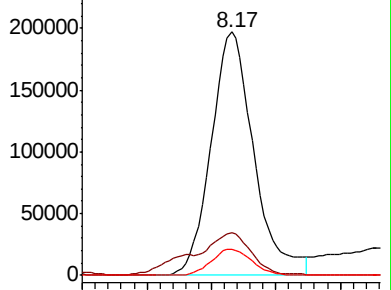
87 10.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055315.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055315.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055315.D (-1988) (-)



#44

Trichloroethene

Concen: 47.910 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055315.D

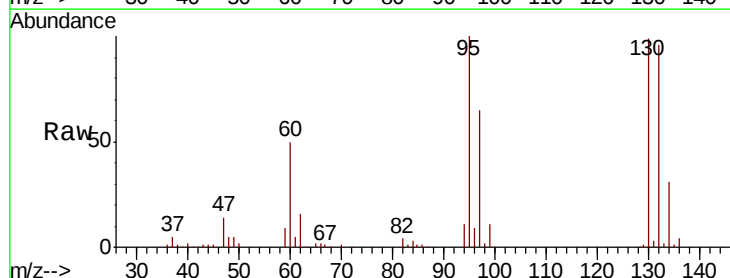
Acq: 30 Apr 2019 18:09

Tgt Ion:130 Resp: 213605

Ion Ratio Lower Upper

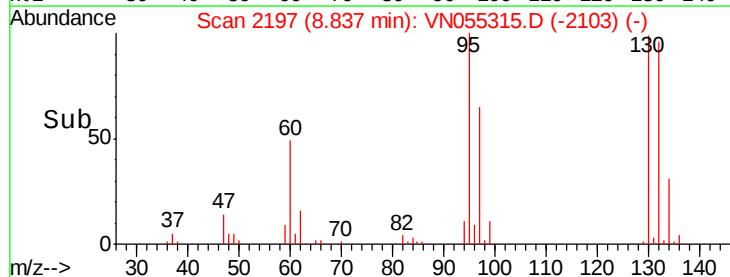
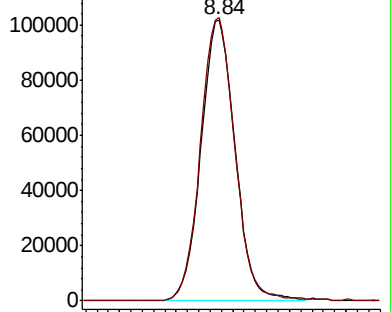
130 100

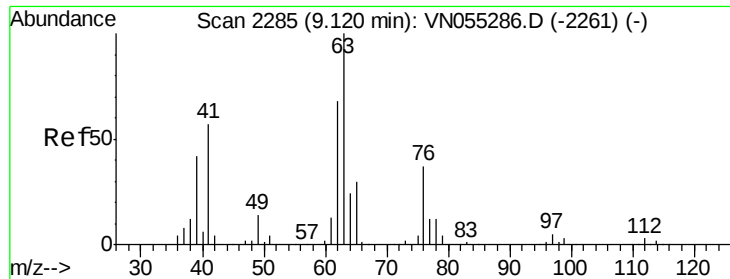
95 100.6 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055315.D (-2197) (-)

Ion 94.90 (94.60 to 95.60): VN055315.D (-2197) (-)





#45

1,2-Dichloropropane

Concen: 49.191 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

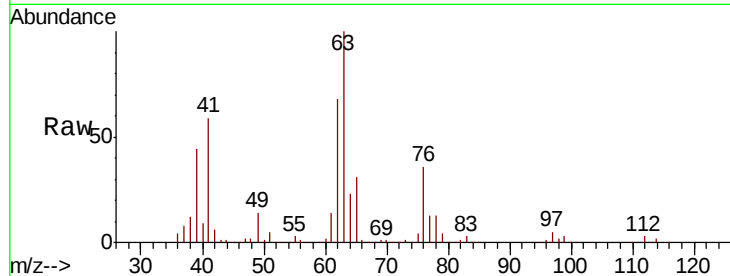
ClientSampled :

Tot Ion: 63 Resp: 248128

Ion Ratio Lower Upper

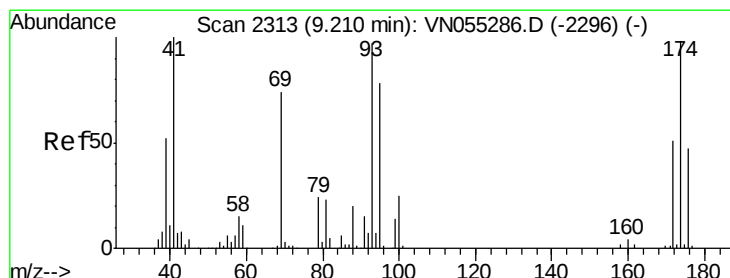
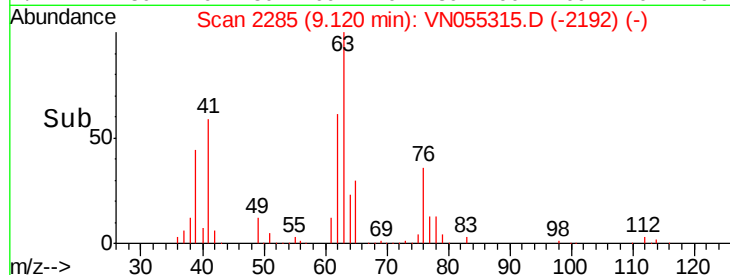
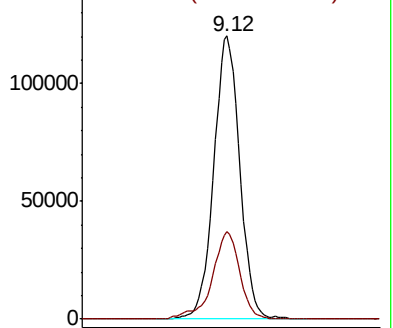
63 100

65 30.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.344 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

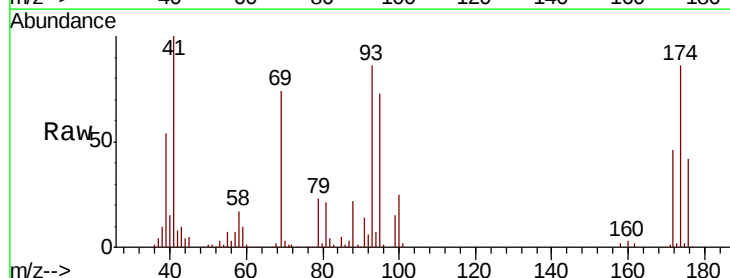
Tgt Ion: 93 Resp: 141563

Ion Ratio Lower Upper

93 100

95 82.6 65.7 98.5

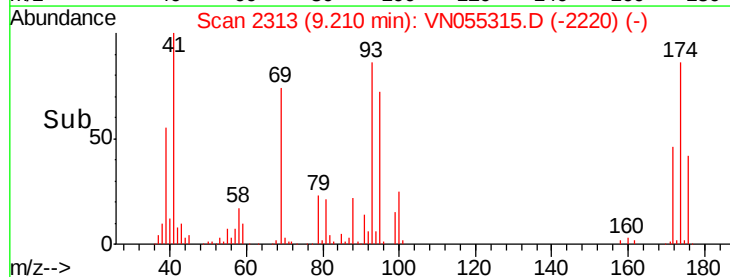
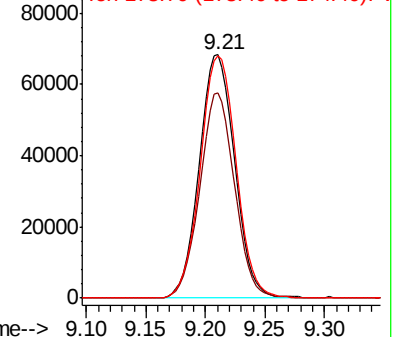
174 100.3 81.5 122.3

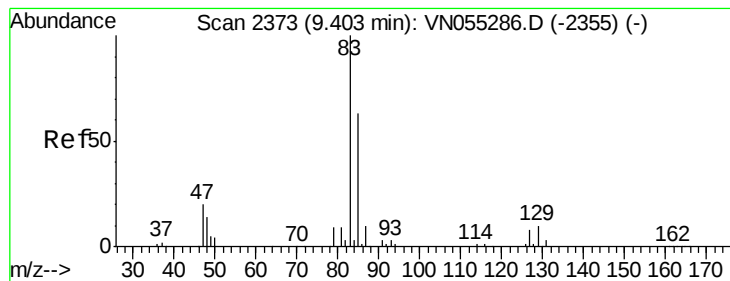


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.251 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

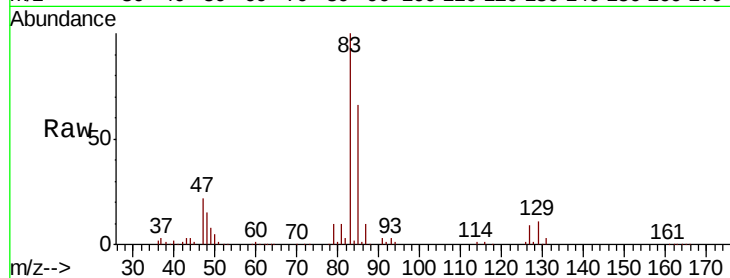
Tot Ion: 83 Resp: 297232

Ion Ratio Lower Upper

83 100

85 66.2 50.1 75.1

127 8.8 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055315.D (-2280) (-)

200000 Ion 84.90 (84.60 to 85.60): VN055315.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055315.D (-2280) (-)

9.40

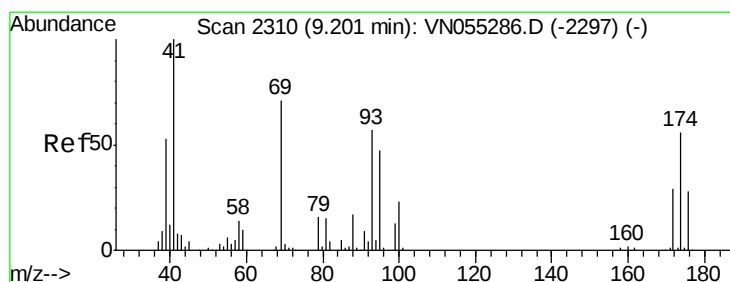
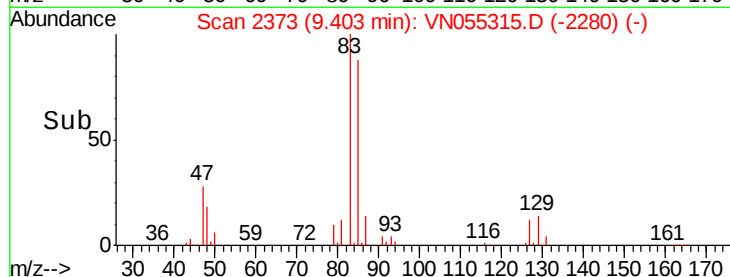
150000

100000

50000

0

Time--> 9.30 9.35 9.40 9.45 9.50



#48

Methyl methacrylate

Concen: 56.004 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

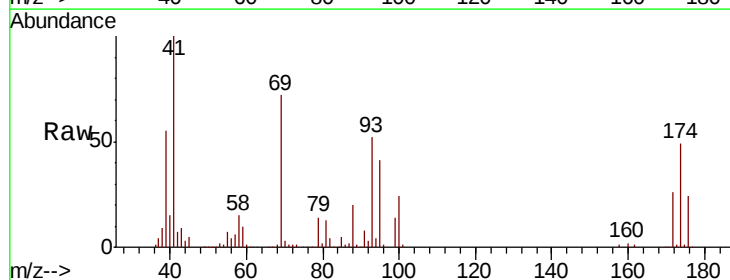
Tgt Ion: 41 Resp: 201178

Ion Ratio Lower Upper

41 100

69 78.3 58.6 87.8

39 57.5 43.8 65.6



Abundance Ion 41.00 (40.70 to 41.70): VN055315.D (-2217) (-)

150000 Ion 69.00 (68.70 to 69.70): VN055315.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055315.D (-2217) (-)

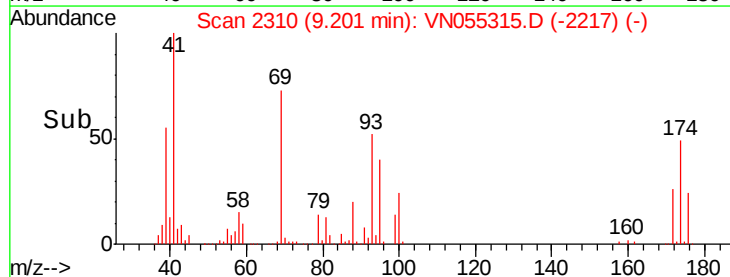
9.20

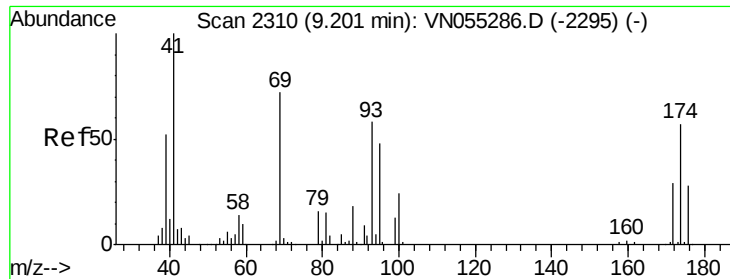
100000

50000

0

Time--> 9.15 9.20 9.25

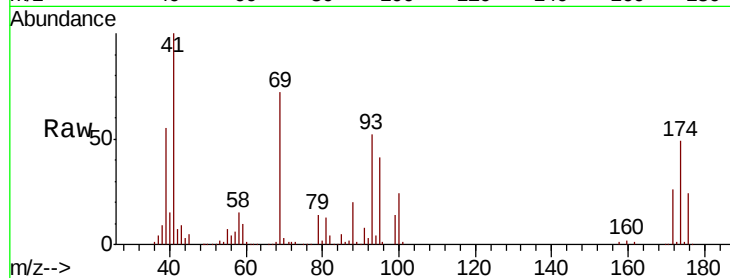




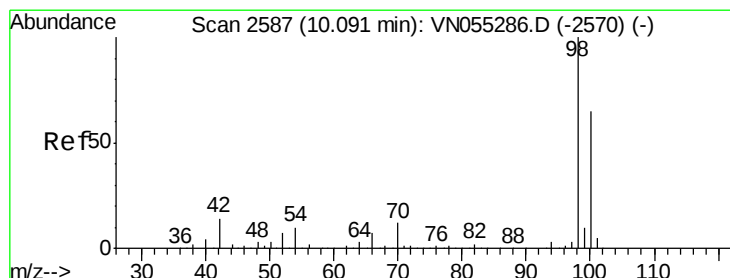
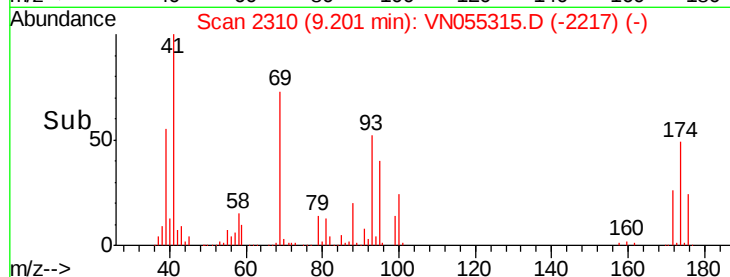
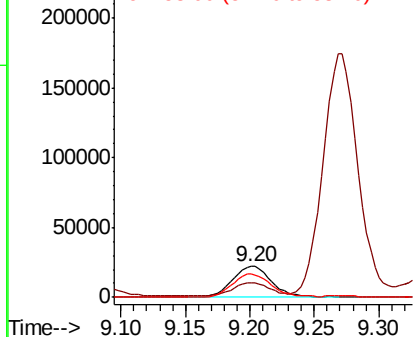
#49
1,4-Dioxane
Concen: 1262.730 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 46890
Ion Ratio Lower Upper
88 100
43 41.1 33.3 49.9
58 76.5 62.7 94.1

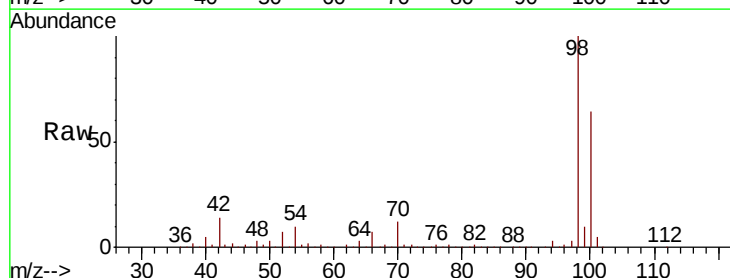


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

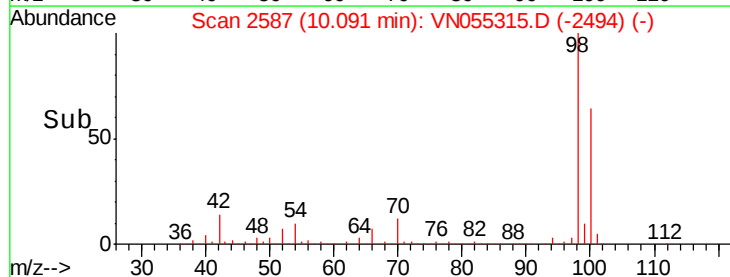
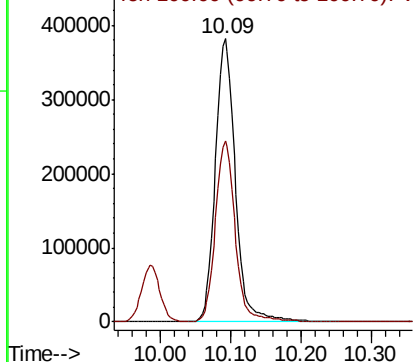


#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 98 Resp: 753818
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 296.306 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

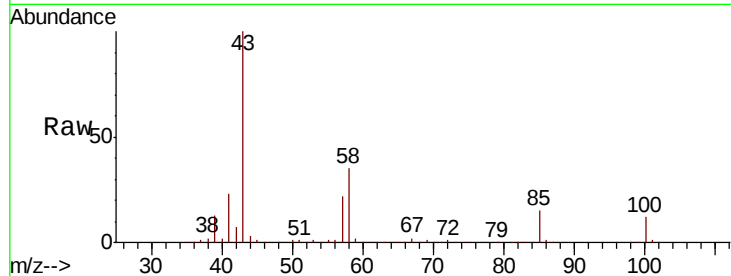
ClientSampleId :

Tot Ion: 43 Resp: 1219012

Ion Ratio Lower Upper

43 100

58 35.3 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN055286.D (-2537) (-)

9.99

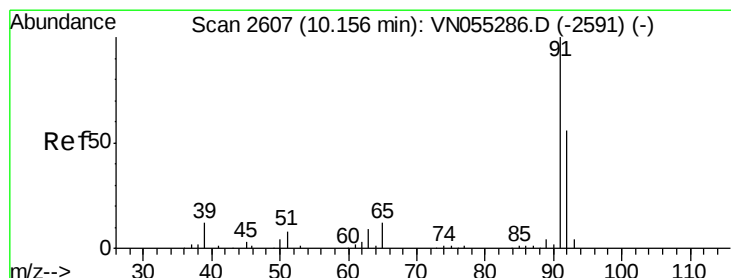
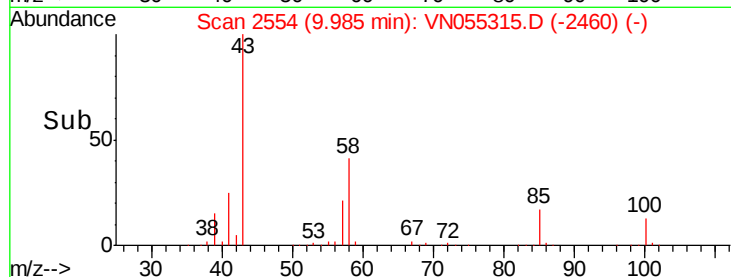
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.636 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055315.D

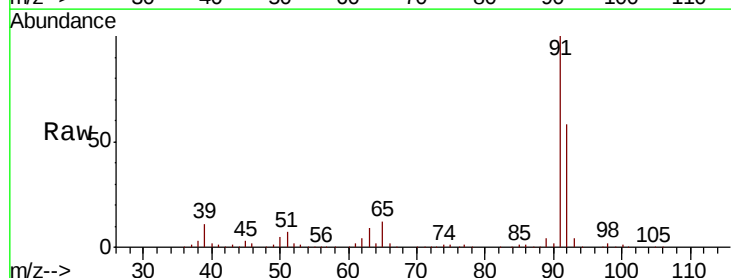
Acq: 30 Apr 2019 18:09

Tgt Ion: 92 Resp: 508123

Ion Ratio Lower Upper

92 100

91 175.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN055286.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055286.D (-2591) (-)

10.16

500000

400000

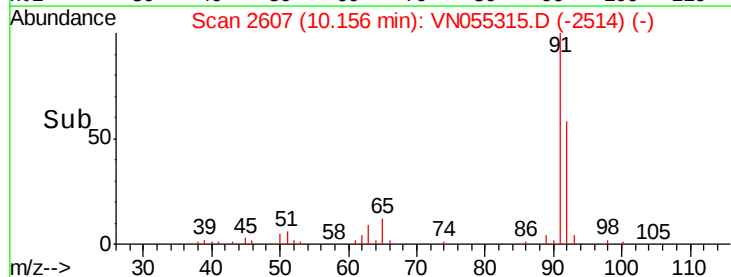
300000

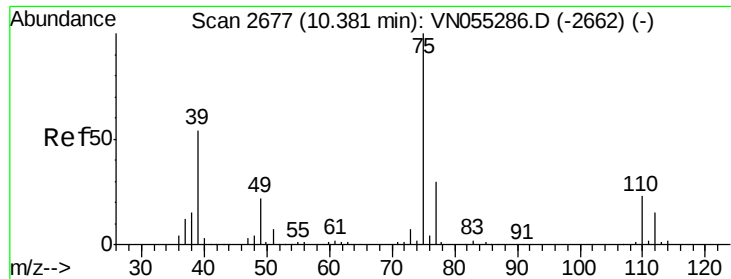
200000

100000

0

Time-->

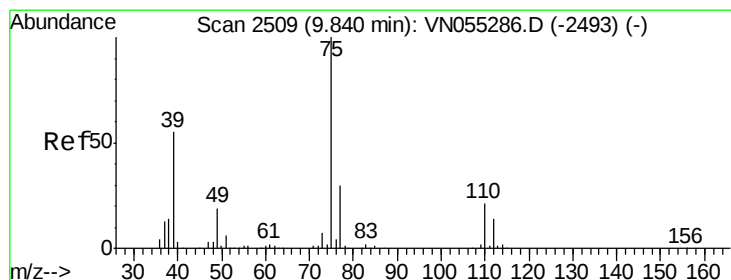
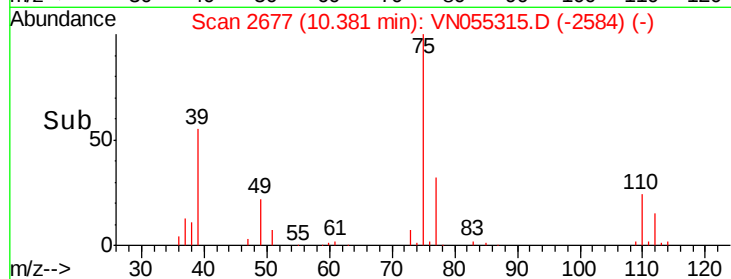
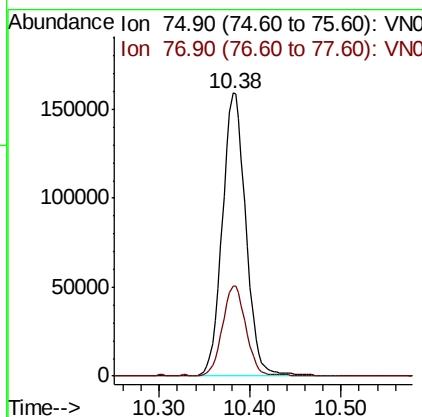
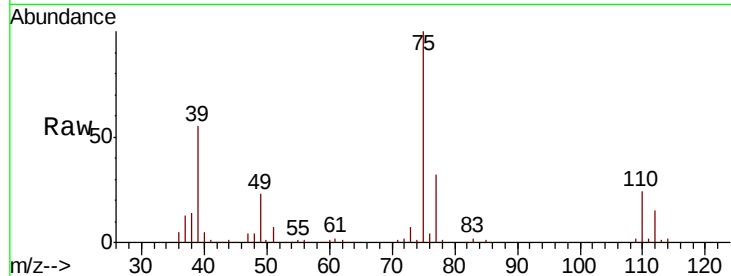




#53
 t-1,3-Dichloropropene
 Concen: 55.671 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

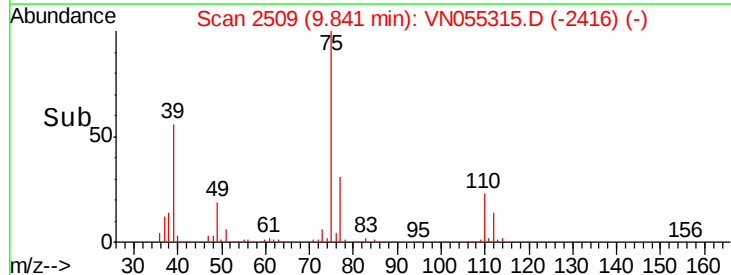
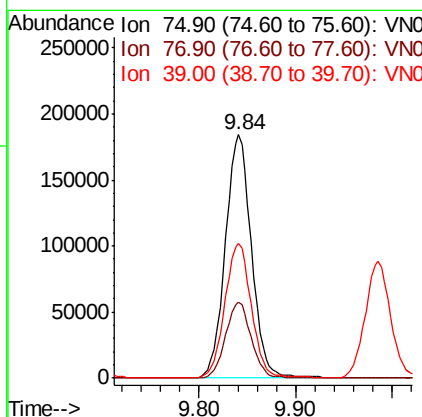
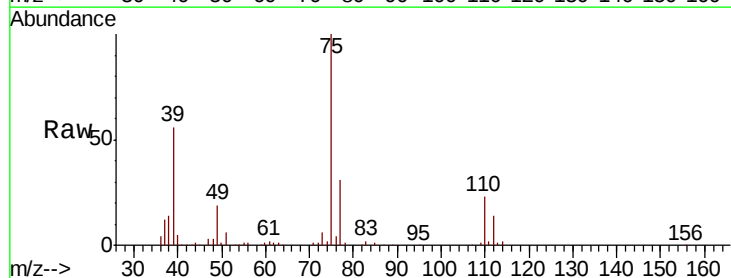
Instrument :
 MSVOA_N
 ClientSampleId :

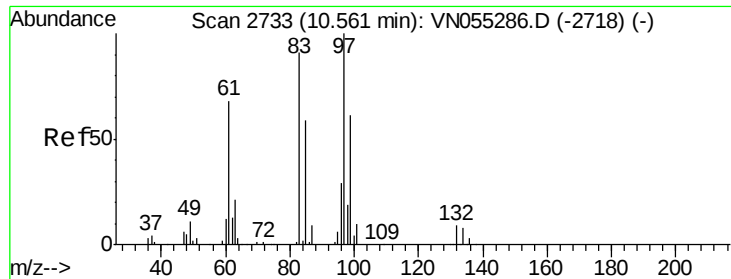
Tot Ion: 75 Resp: 285860
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.4 36.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.990 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 75 Resp: 345651
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.2
 39 55.5 44.2 66.2



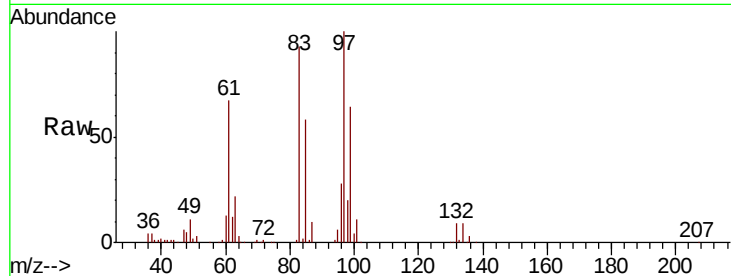


#55
 1,1,2-Trichloroethane
 Concen: 51.584 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 192218

Ion	Ratio	Lower	Upper
97	100		
83	92.6	72.8	109.2
85	57.6	47.0	70.6
99	64.0	49.0	73.4



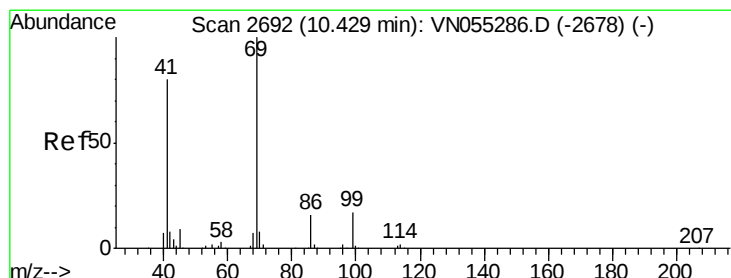
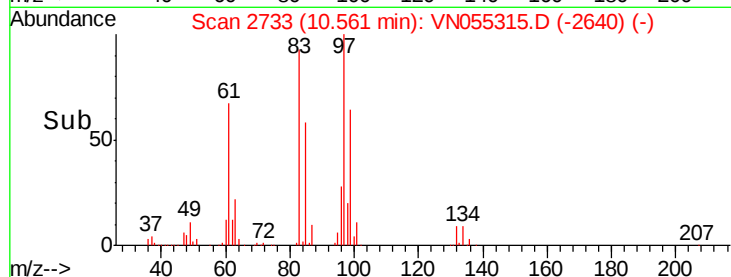
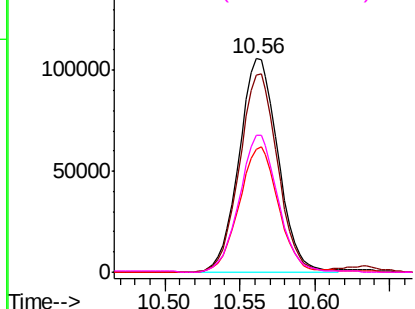
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

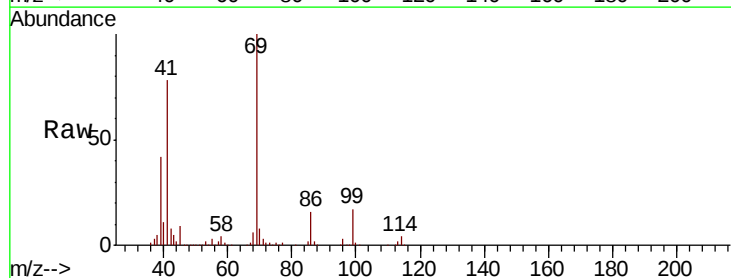
Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 58.910 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion: 69 Resp: 270190

Ion	Ratio	Lower	Upper
69	100		
41	77.4	62.7	94.1
39	41.8	32.0	48.0

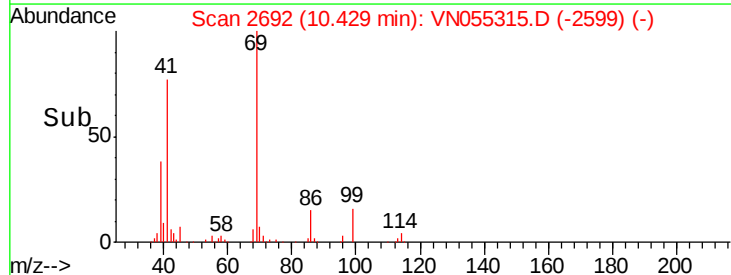
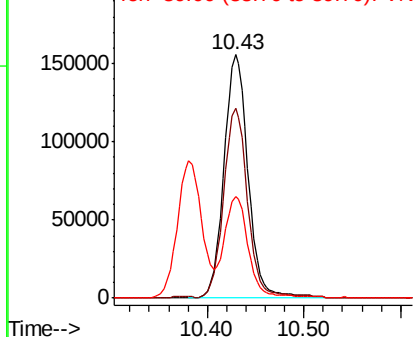


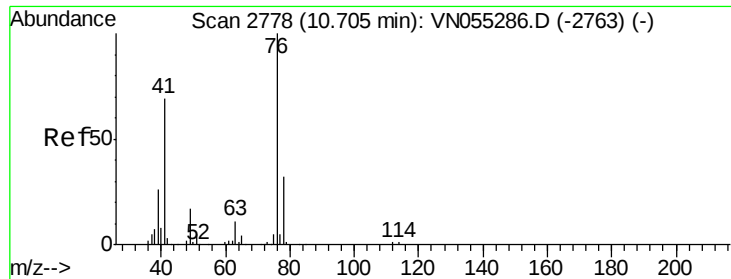
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.462 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

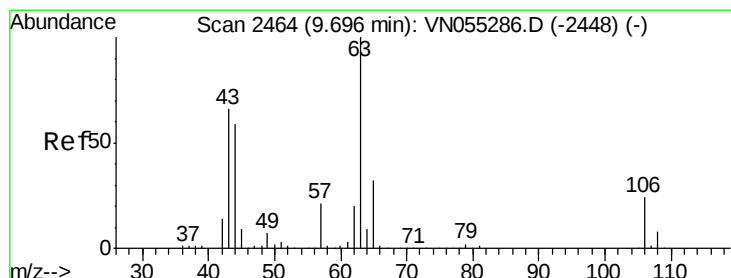
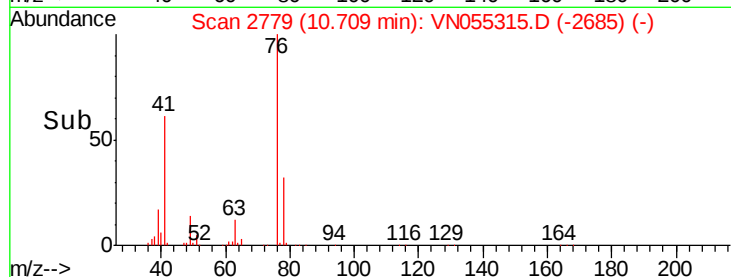
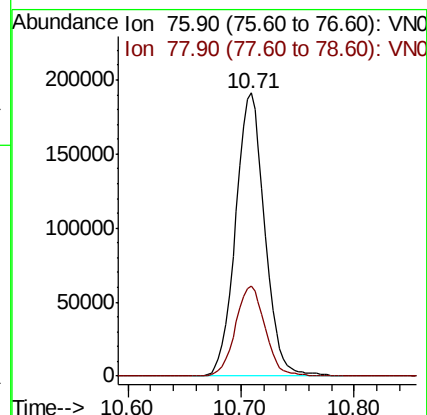
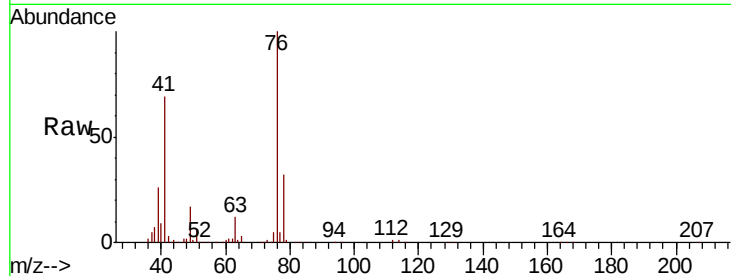
ClientSampleId :

Tot Ion: 76 Resp: 342942

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 268.222 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055315.D

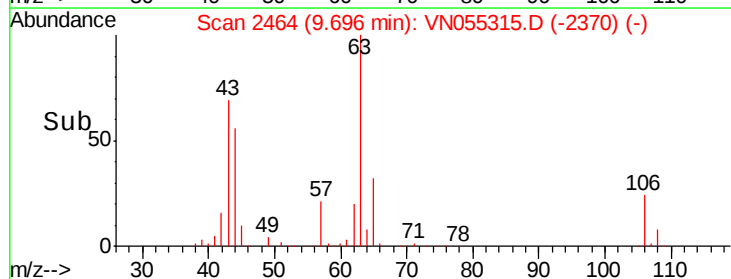
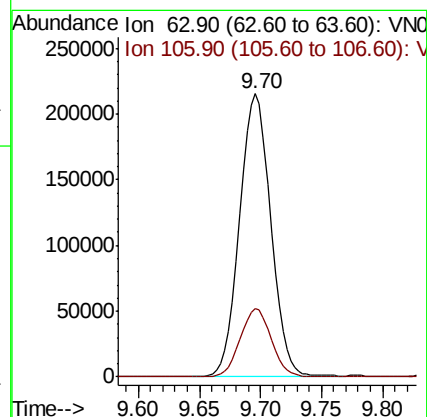
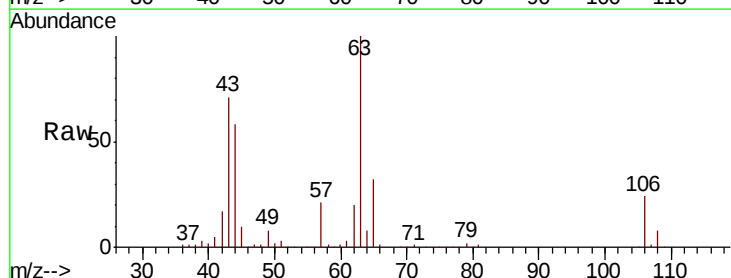
Acq: 30 Apr 2019 18:09

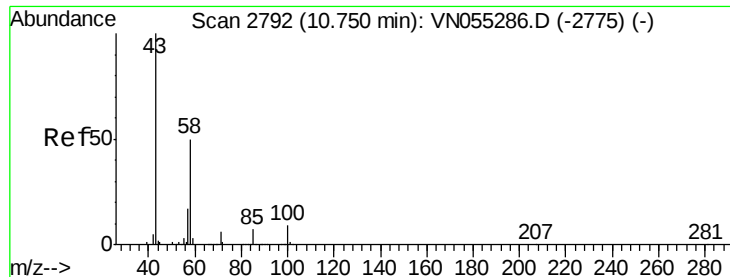
Tgt Ion: 63 Resp: 383146

Ion Ratio Lower Upper

63 100

106 24.0 19.0 28.4

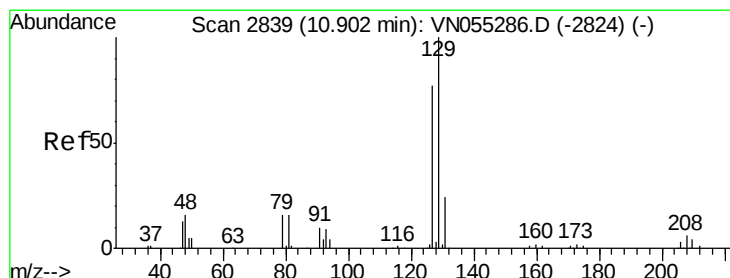
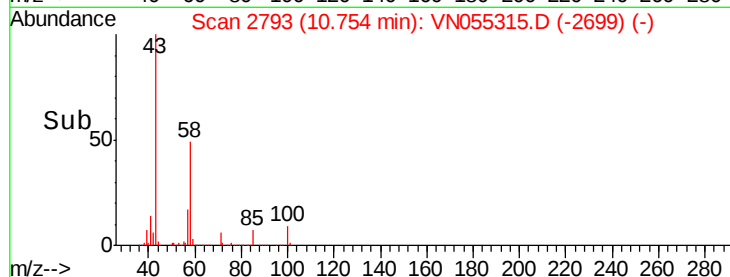
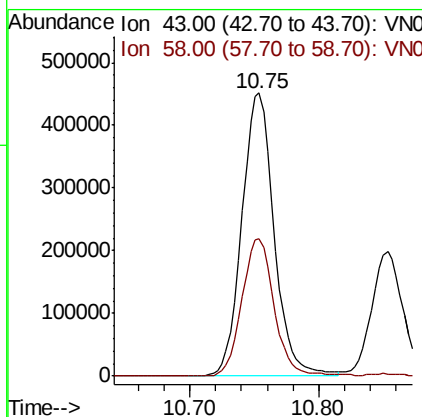
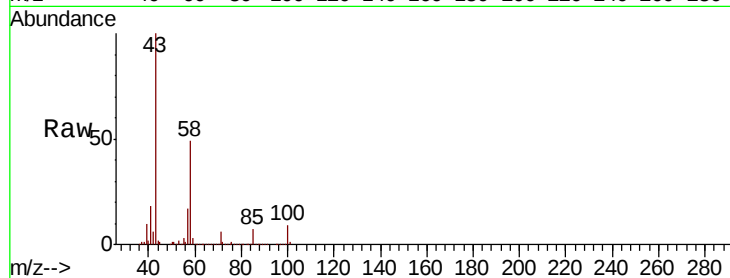




#59
2-Hexanone
Concen: 304.040 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

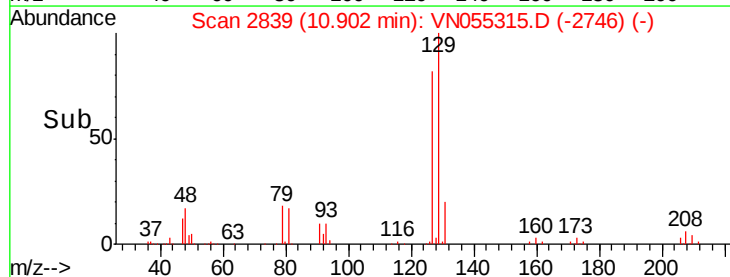
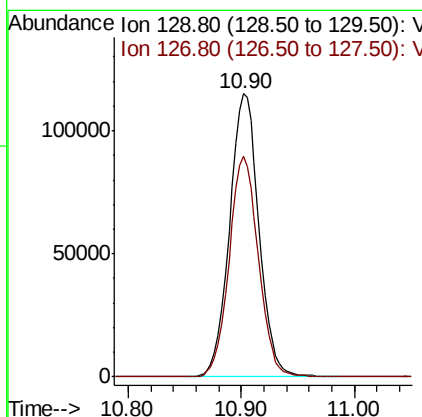
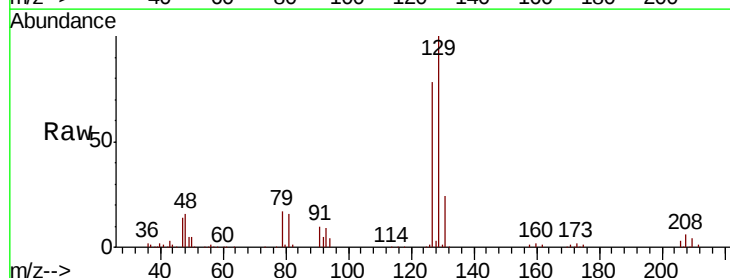
Instrument :
MSVOA_N
ClientSampleId :

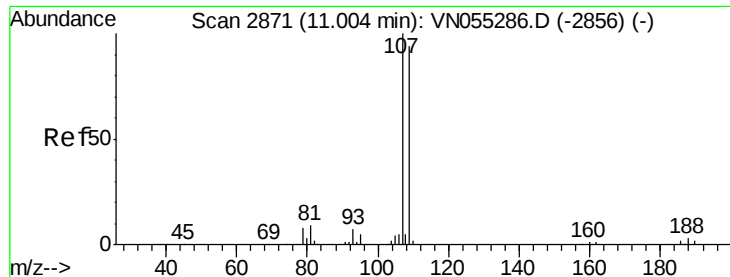
Tot Ion: 43 Resp: 782627
Ion Ratio Lower Upper
43 100
58 49.0 24.9 74.6



#60
Dibromochloromethane
Concen: 54.390 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 129 Resp: 207141
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 55.043 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

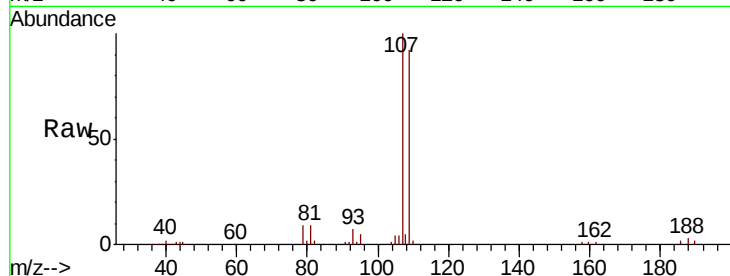
ClientSampled :

Tot Ion: 107 Resp: 189580

Ion Ratio Lower Upper

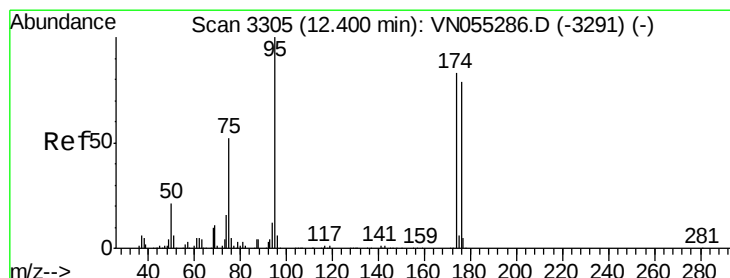
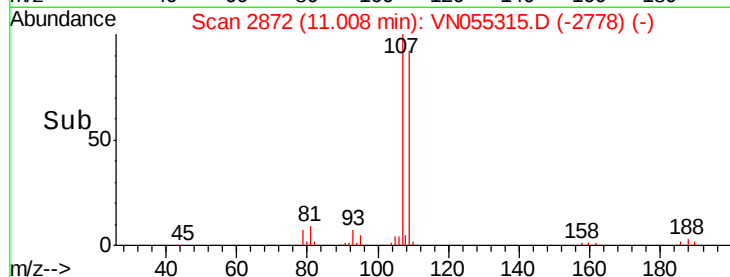
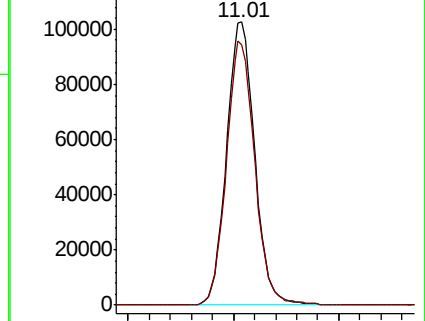
107 100

109 93.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 55.506 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

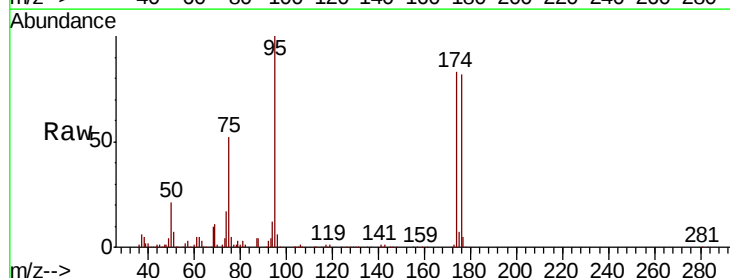
Tgt Ion: 95 Resp: 254655

Ion Ratio Lower Upper

95 100

174 83.4 0.0 166.6

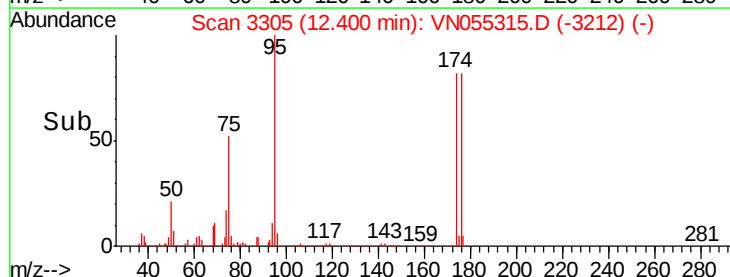
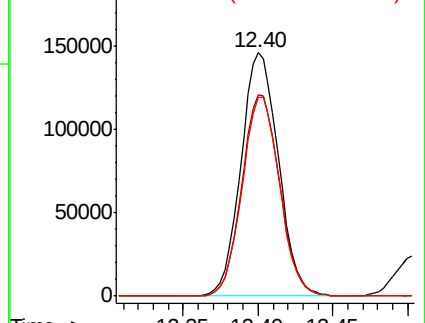
176 82.0 0.0 157.8

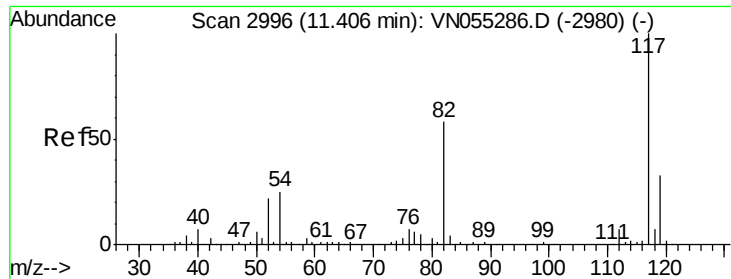


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

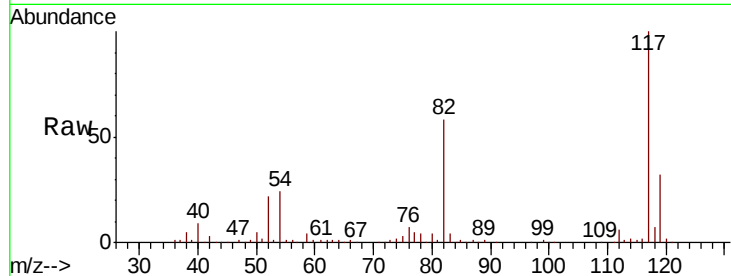




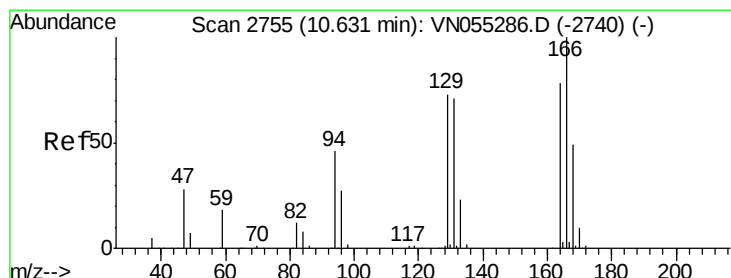
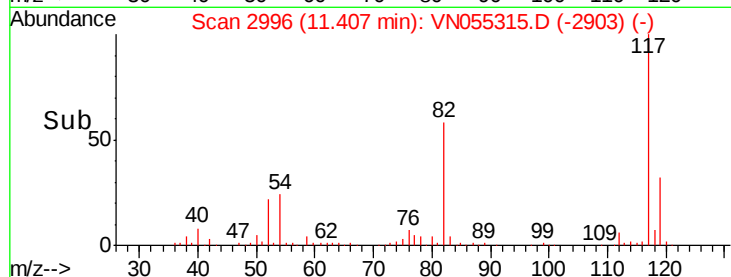
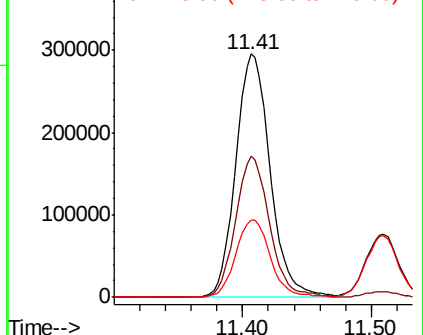
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 548704
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.9 26.6 40.0

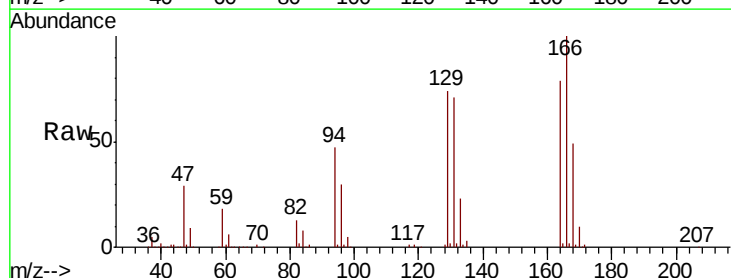


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

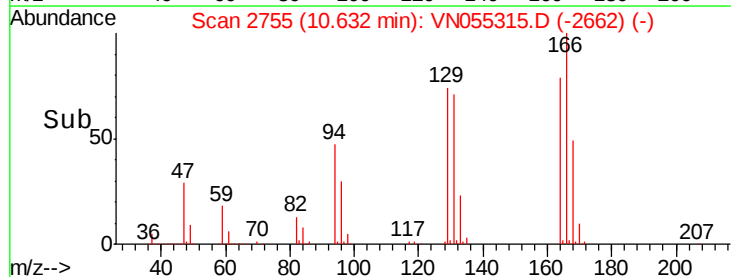
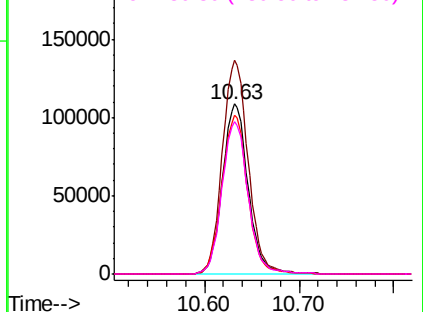


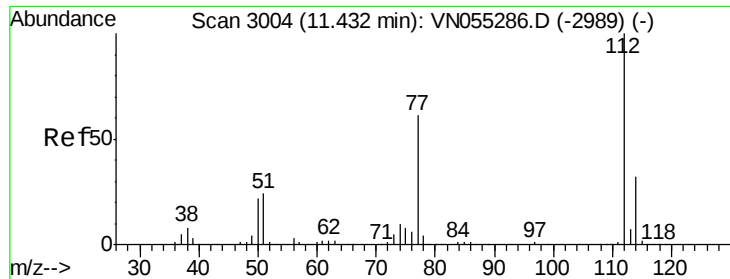
#64
Tetrachloroethene
Concen: 45.689 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion:164 Resp: 205016
Ion Ratio Lower Upper
164 100
166 125.8 102.3 153.5
129 93.5 75.0 112.6
131 89.5 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

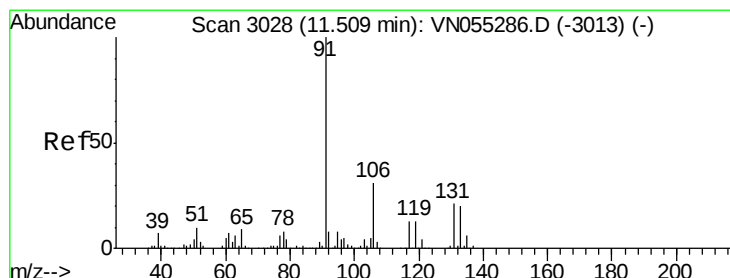
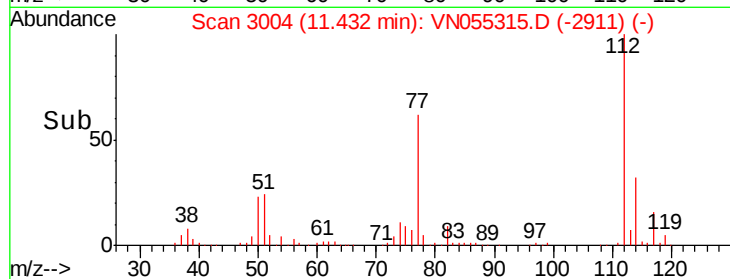
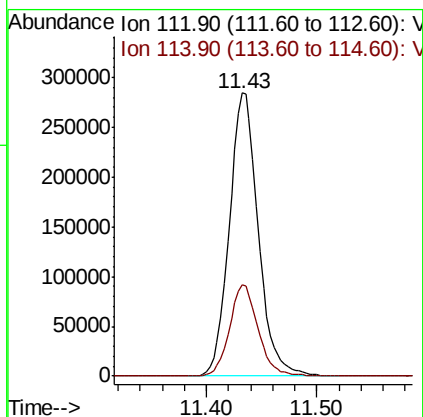
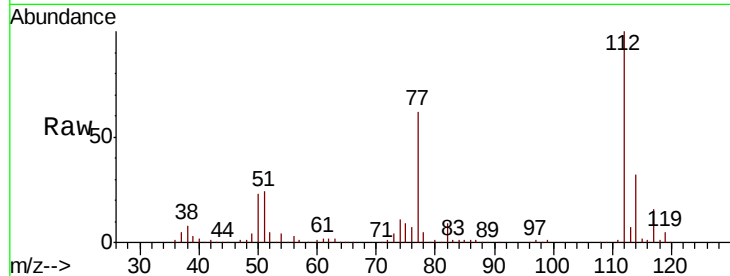




#65
Chlorobenzene
Concen: 48.096 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

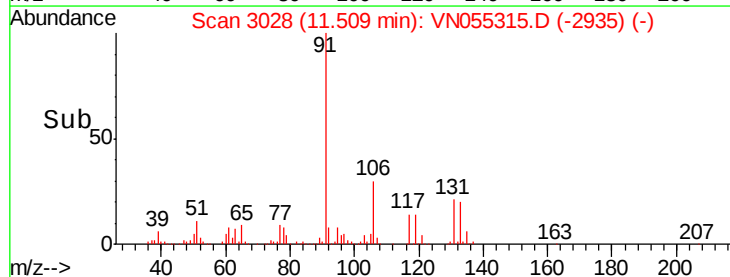
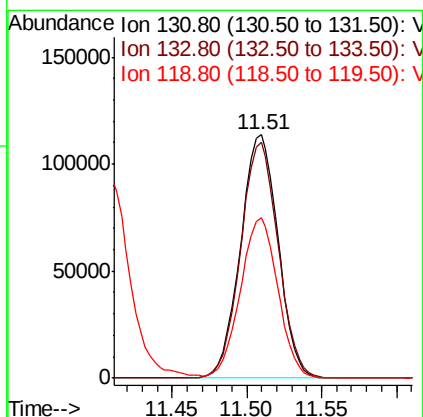
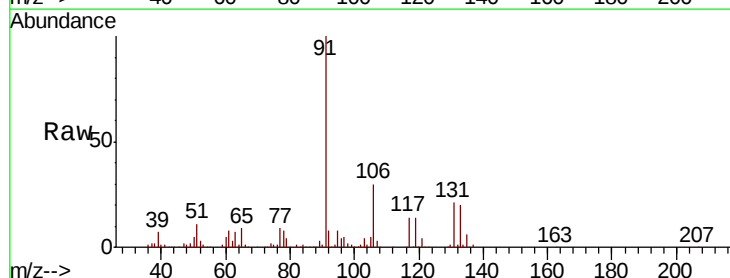
Instrument :
MSVOA_N
ClientSampleId :

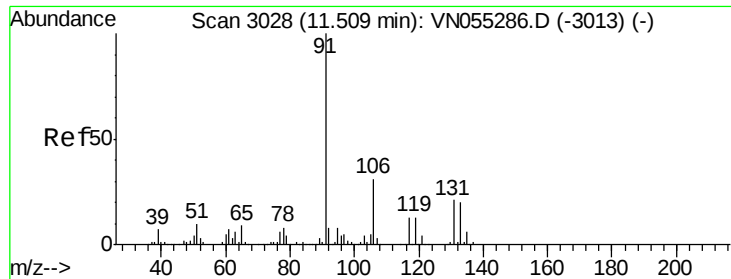
Tot Ion:112 Resp: 515974
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 47.296 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion:131 Resp: 198678
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.6
119 65.9 32.7 98.1

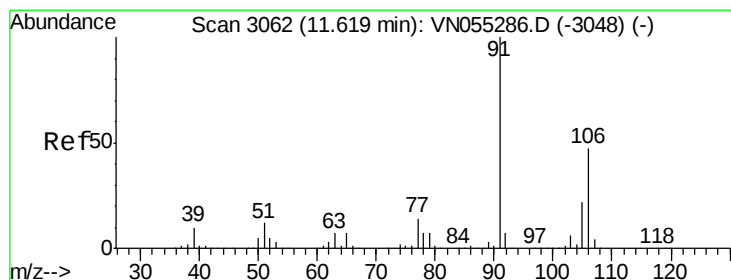
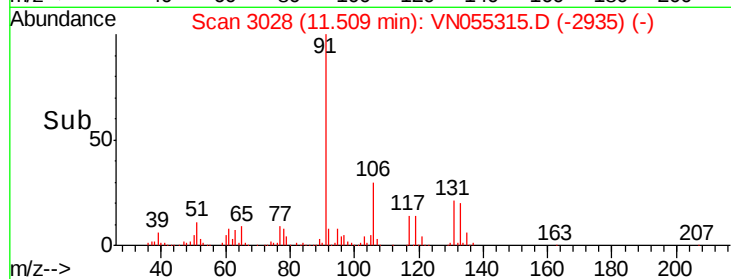
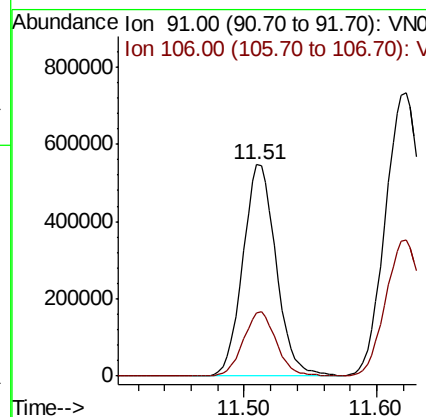
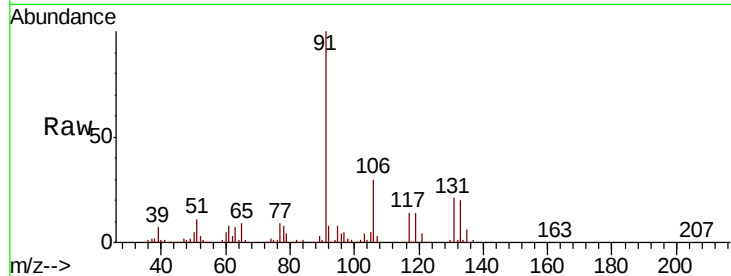




#67
Ethyl Benzene
Concen: 49.258 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

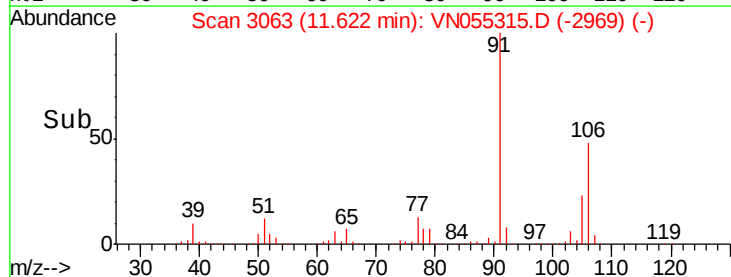
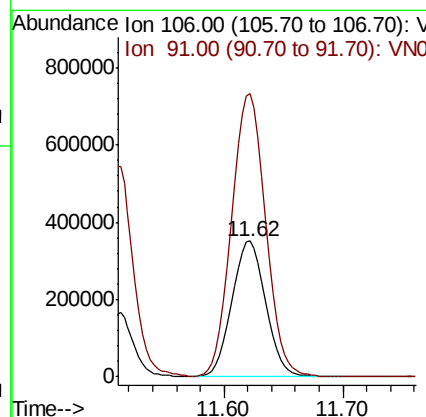
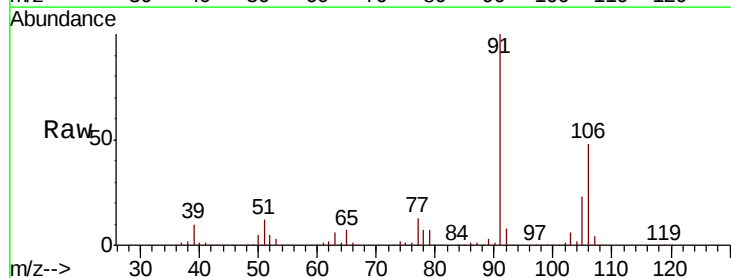
Instrument :
MSVOA_N
ClientSampled :

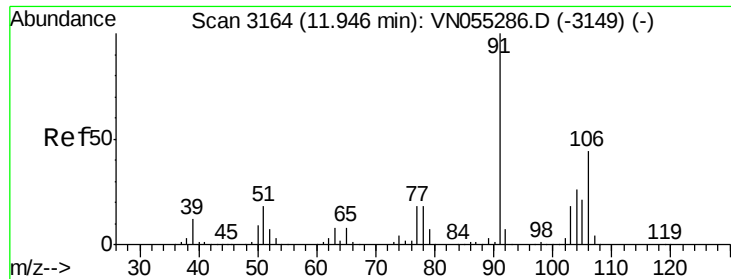
Tot Ion: 91 Resp: 954238
Ion Ratio Lower Upper
91 100
106 30.0 24.6 36.8



#68
m/p-Xylenes
Concen: 100.296 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 106 Resp: 693533
Ion Ratio Lower Upper
106 100
91 210.0 169.5 254.3

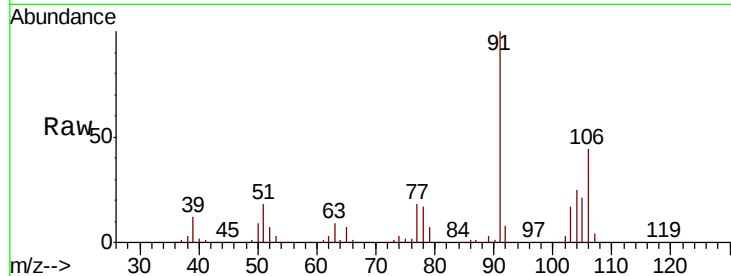




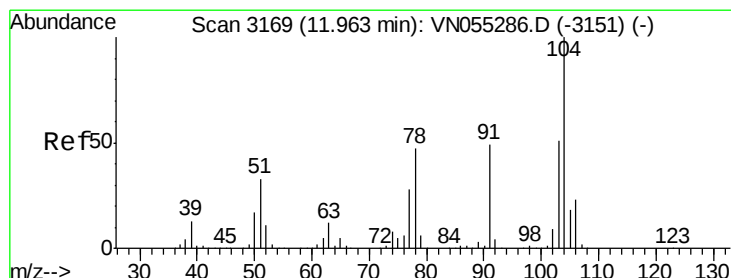
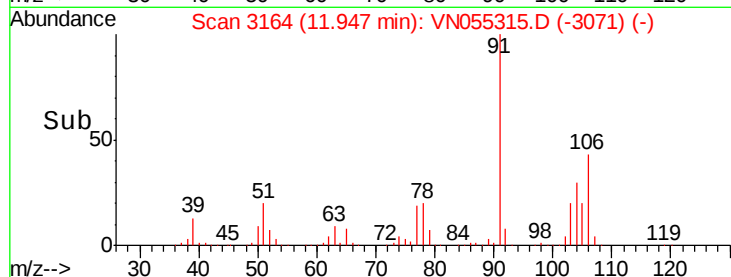
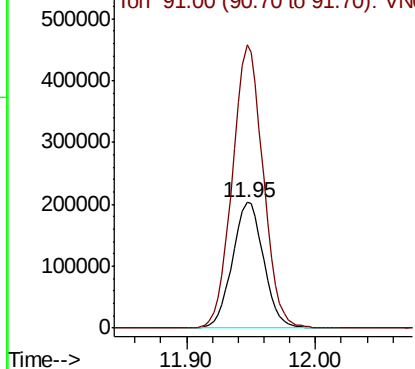
#69
o-Xylene
Concen: 50.066 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 343139
Ion Ratio Lower Upper
106 100
91 221.4 111.5 334.5

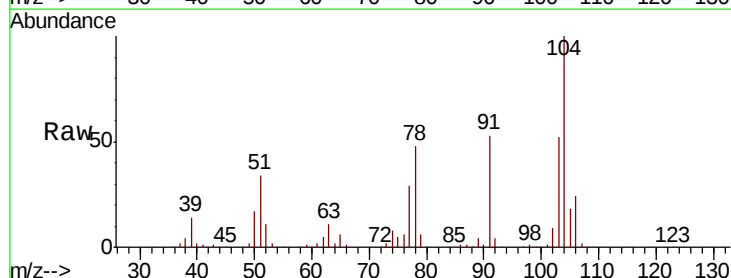


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

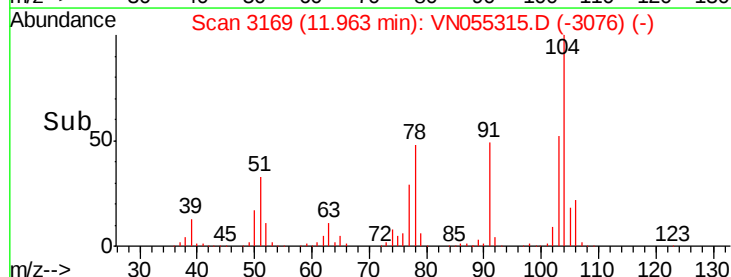
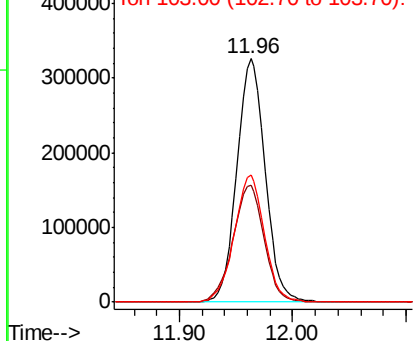


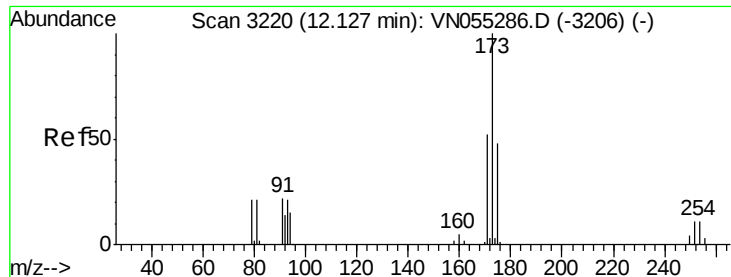
#70
Styrene
Concen: 54.086 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion:104 Resp: 569167
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.2
103 55.4 44.6 67.0



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





#71

Bromoform

Concen: 55.666 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampled :

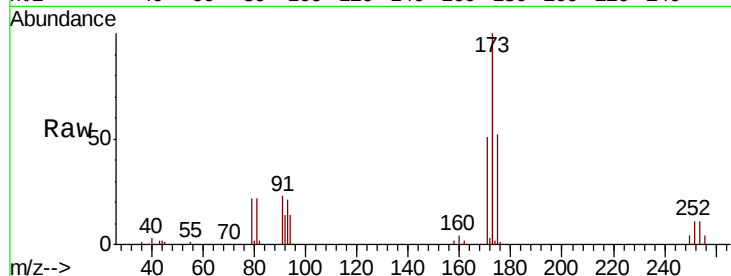
Tot Ion:173 Resp: 129754

Ion Ratio Lower Upper

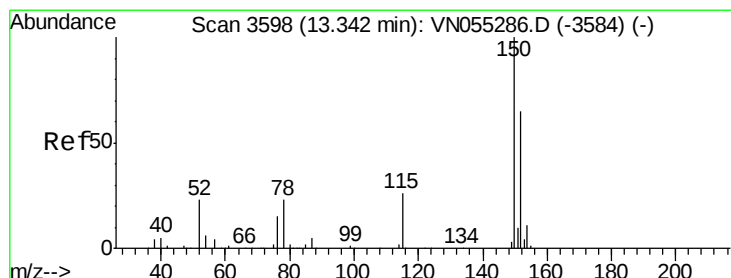
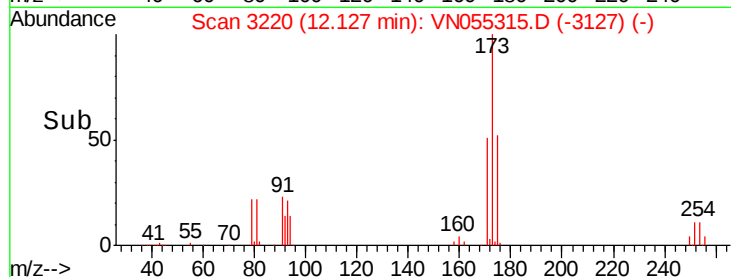
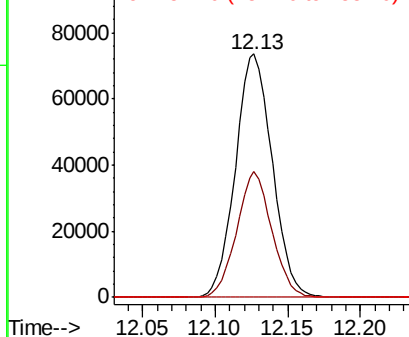
173 100

175 49.1 23.6 71.0

254 0.1 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
100000
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: VN055315.D

Acq: 30 Apr 2019 18:09

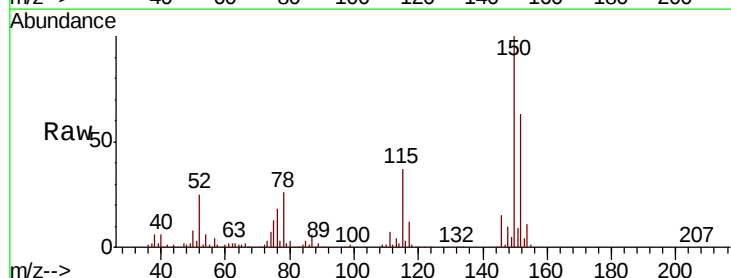
Tgt Ion:152 Resp: 232065

Ion Ratio Lower Upper

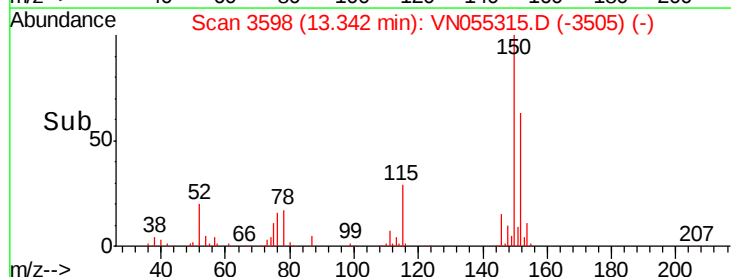
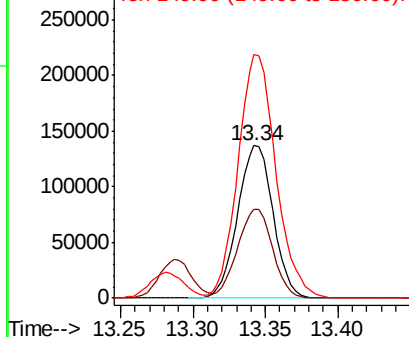
152 100

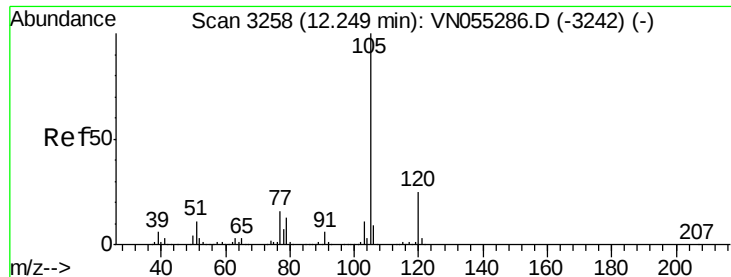
115 57.9 29.0 87.0

150 171.3 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
300000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.277 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

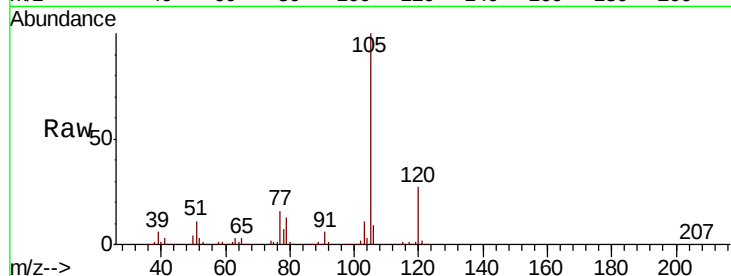
ClientSampled :

Tot Ion:105 Resp: 910755

Ion Ratio Lower Upper

105 100

120 26.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

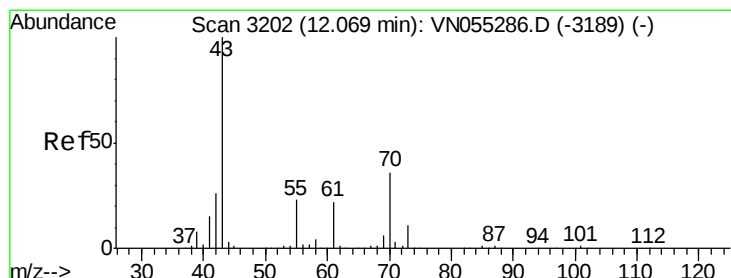
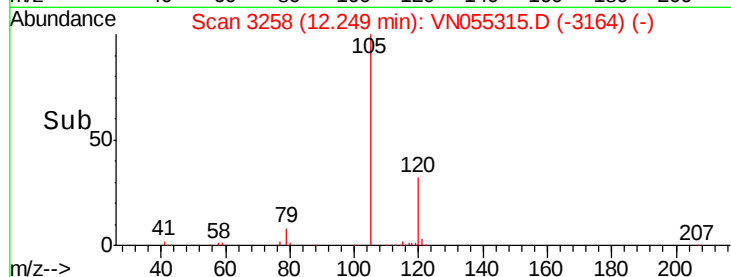
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.007 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Tgt Ion: 43 Resp: 327603

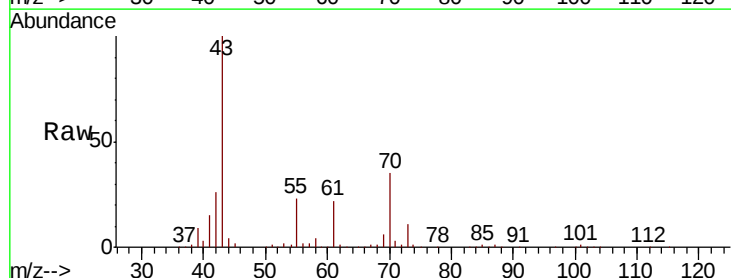
Ion Ratio Lower Upper

43 100

70 35.0 27.9 41.9

55 23.0 18.2 27.2

61 22.3 16.9 25.3



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

300000

250000

200000

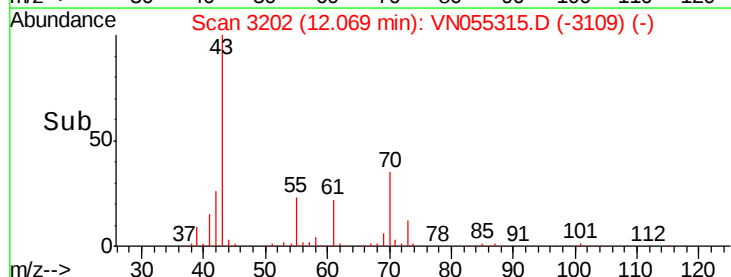
150000

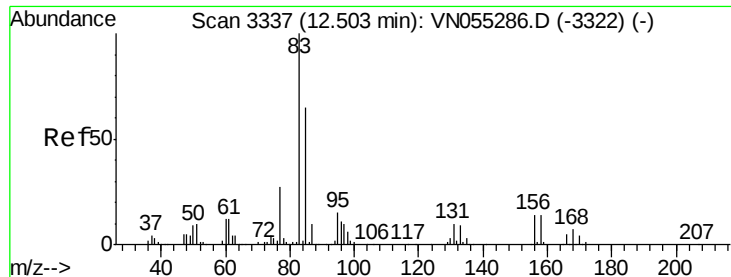
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 54.846 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

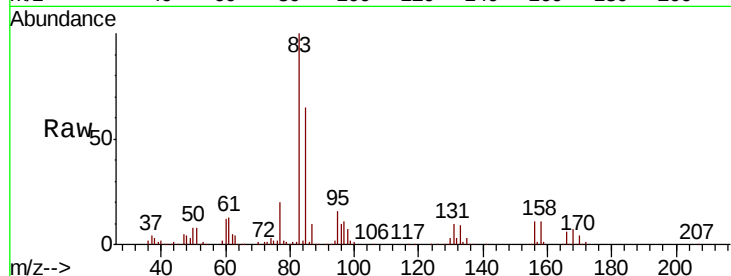
Tot Ion: 83 Resp: 250764

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.2

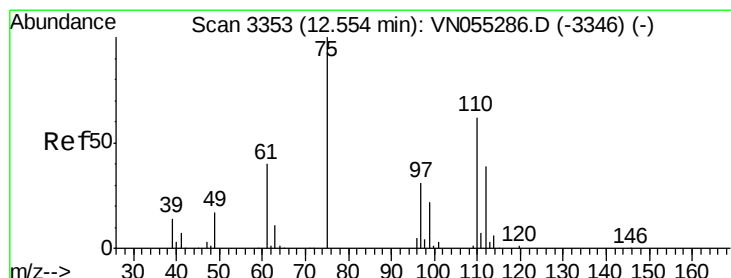
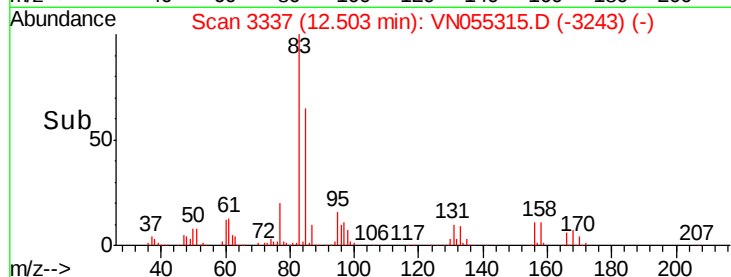
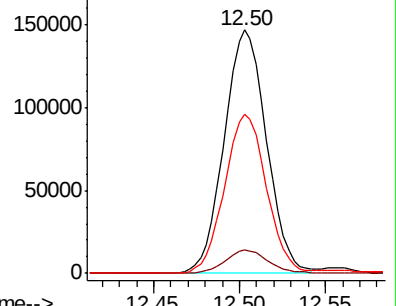
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055315.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055315.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055315.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 69.706 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055315.D

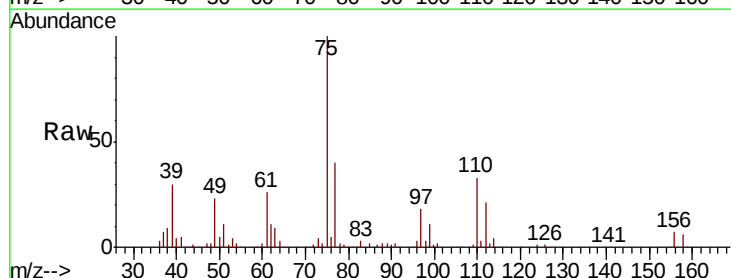
Acq: 30 Apr 2019 18:09

Tgt Ion: 75 Resp: 296398

Ion Ratio Lower Upper

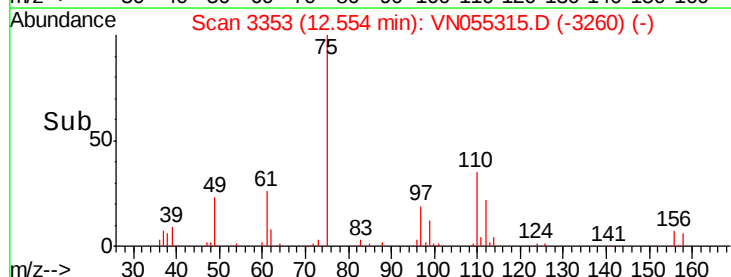
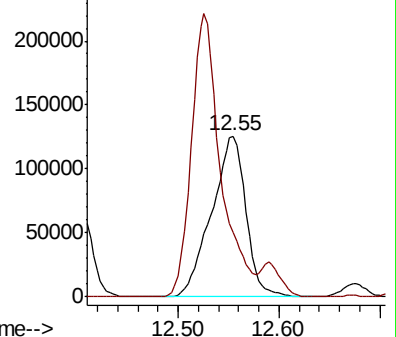
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055315.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055315.D (-3260) (-)





#77

Bromobenzene

Concen: 50.232 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

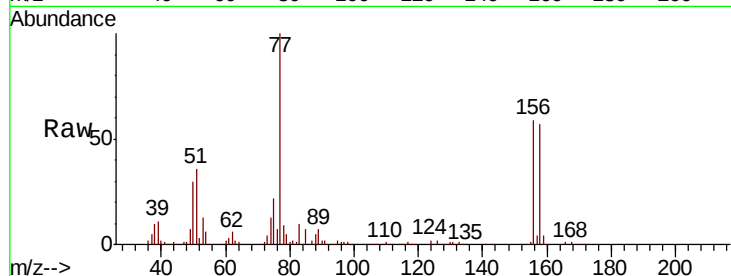
Tot Ion:156 Resp: 222329

Ion Ratio Lower Upper

156 100

77 201.2 99.6 298.8

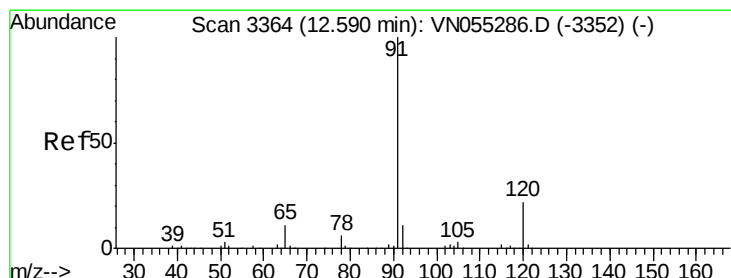
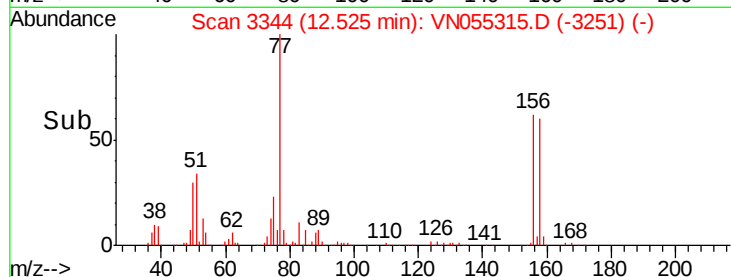
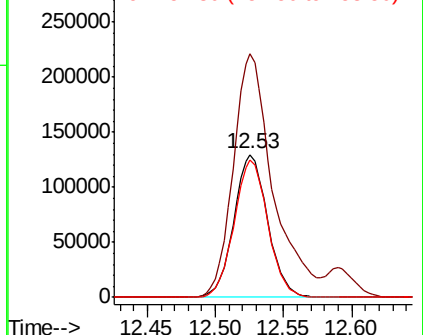
158 96.3 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 42.822 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055315.D

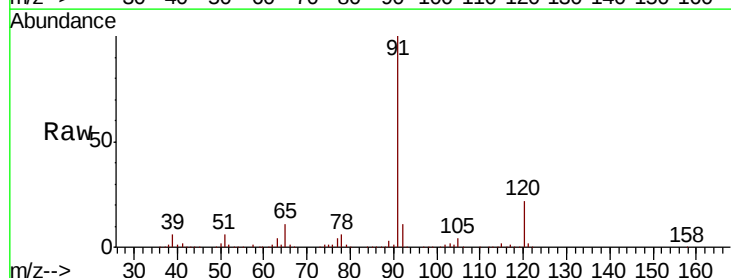
Acq: 30 Apr 2019 18:09

Tgt Ion: 91 Resp: 1020786

Ion Ratio Lower Upper

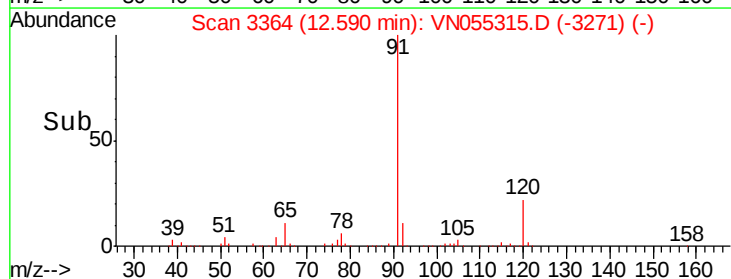
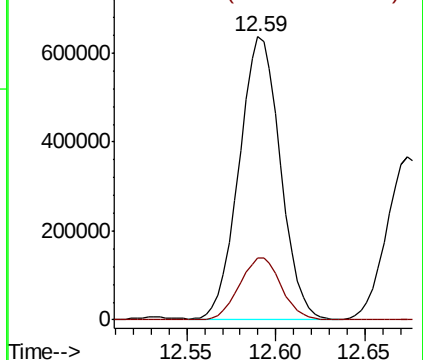
91 100

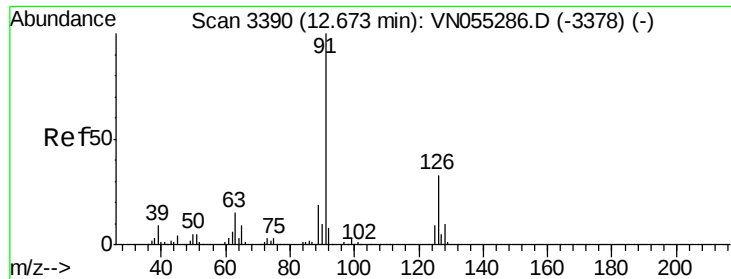
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.363 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

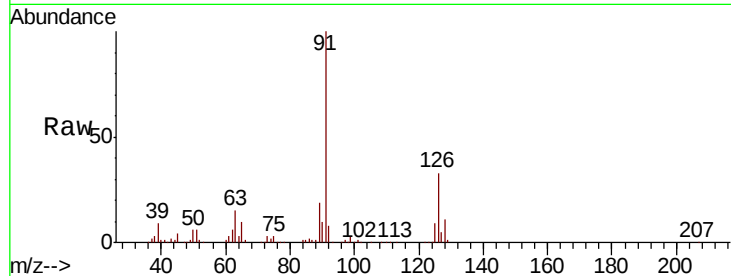
ClientSampled :

Tot Ion: 91 Resp: 621255

Ion Ratio Lower Upper

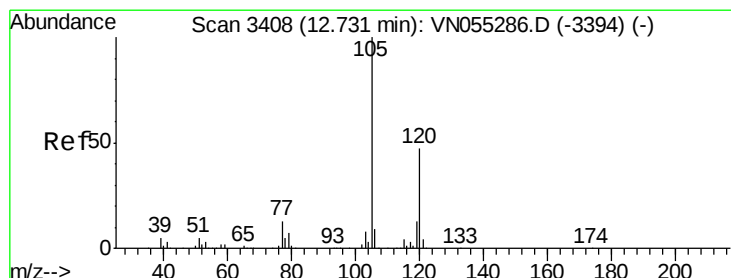
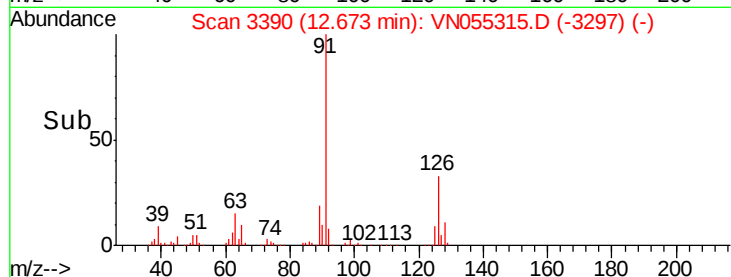
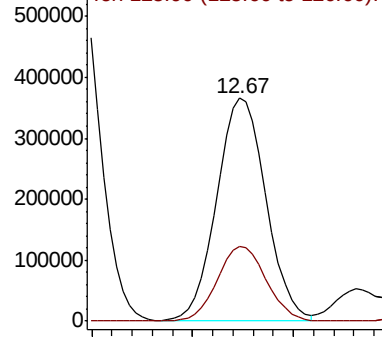
91 100

126 33.6 16.6 49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 42.610 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055315.D

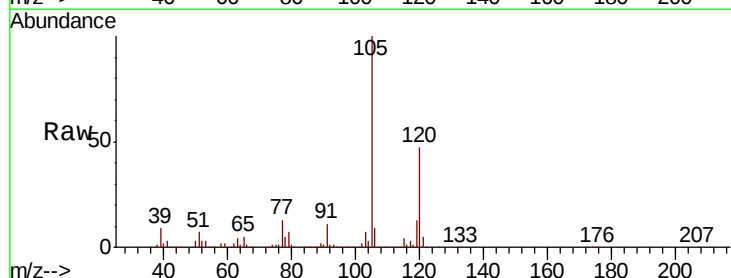
Acq: 30 Apr 2019 18:09

Tgt Ion:105 Resp: 775205

Ion Ratio Lower Upper

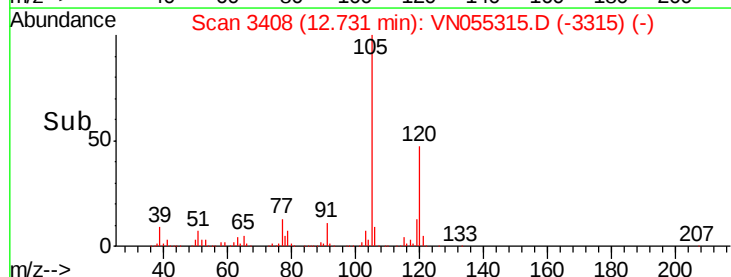
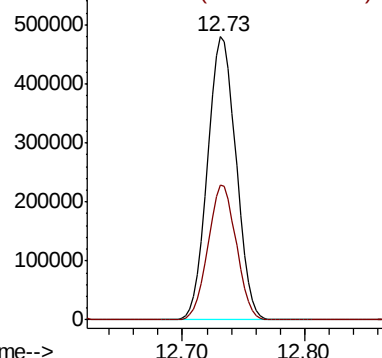
105 100

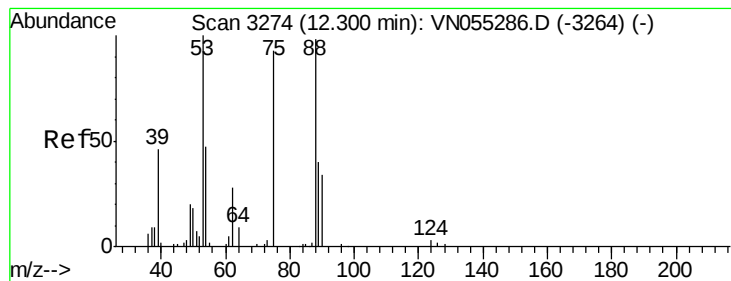
120 47.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.402 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

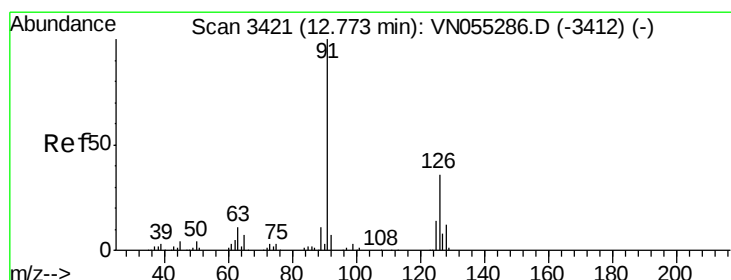
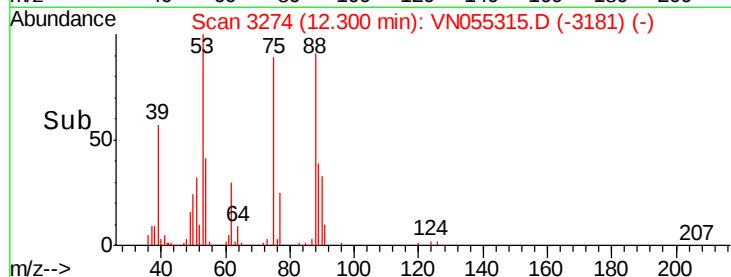
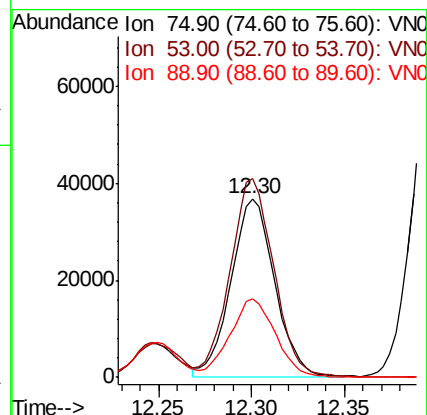
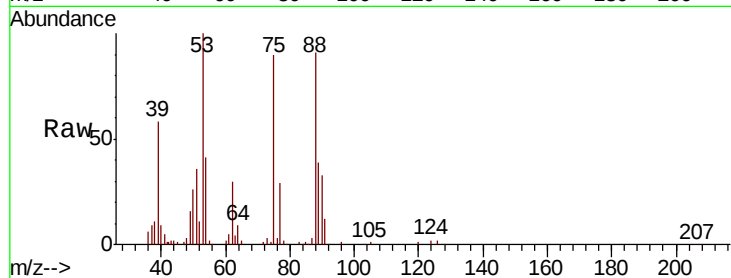
Tot Ion: 75 Resp: 60496

Ion Ratio Lower Upper

75 100

53 111.5 86.3 129.5

89 45.5 34.6 51.8



#82

4-Chlorotoluene

Concen: 43.866 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055315.D

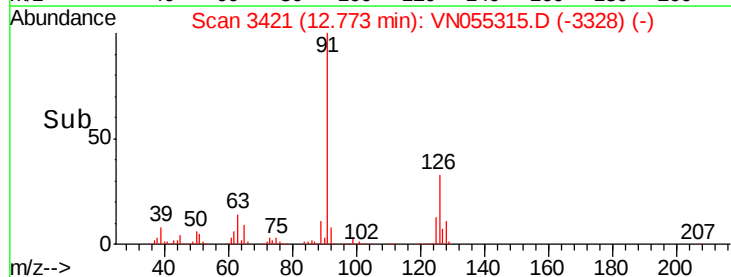
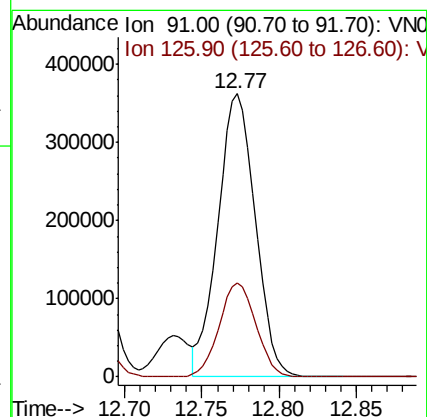
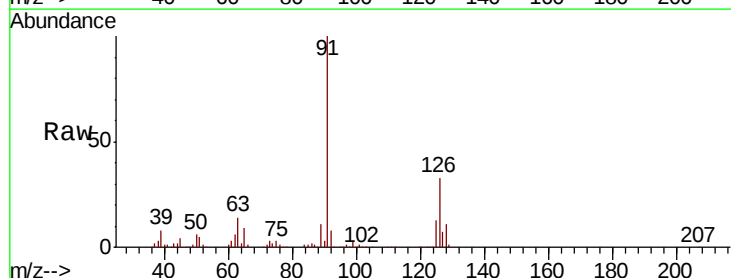
Acq: 30 Apr 2019 18:09

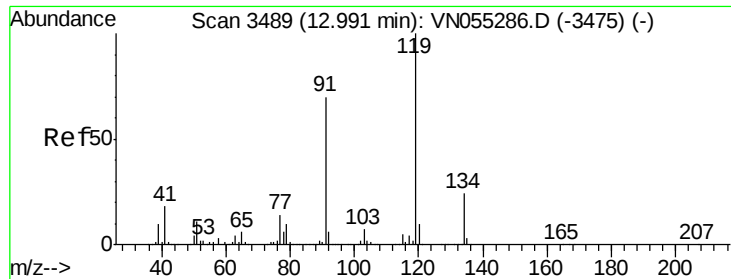
Tgt Ion: 91 Resp: 607989

Ion Ratio Lower Upper

91 100

126 32.7 16.6 49.7

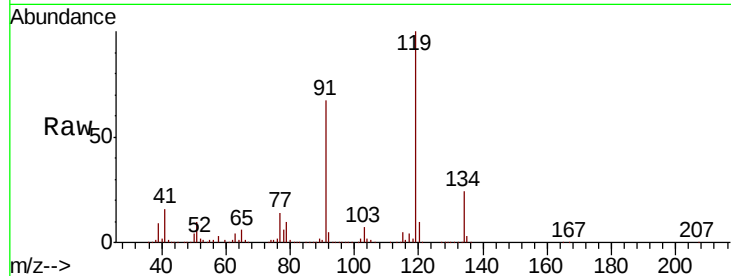




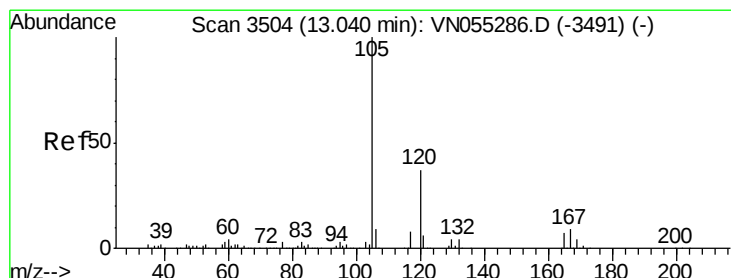
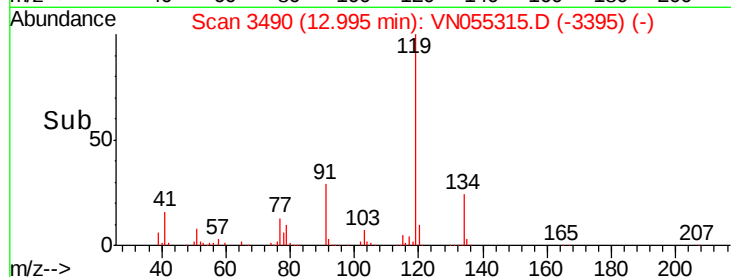
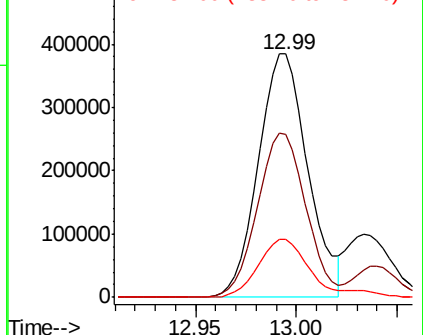
#83
tert-Butylbenzene
Concen: 51.233 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 658829
Ion Ratio Lower Upper
119 100
91 65.8 34.3 102.9
134 23.8 13.1 39.3

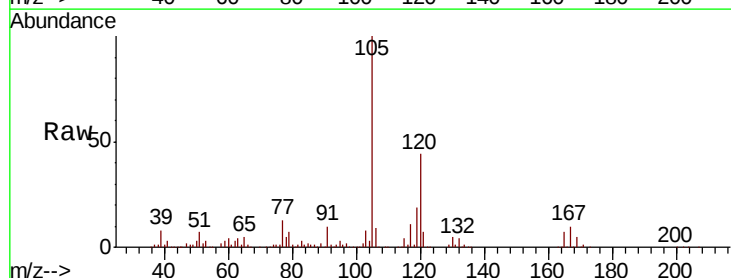


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

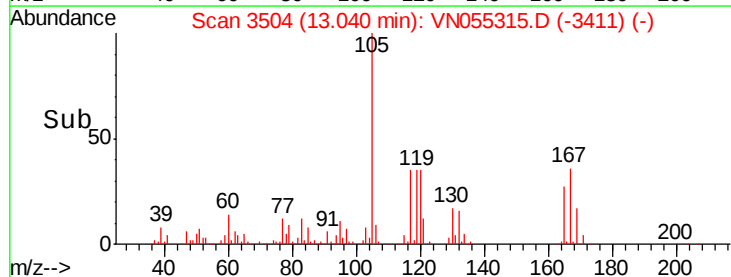
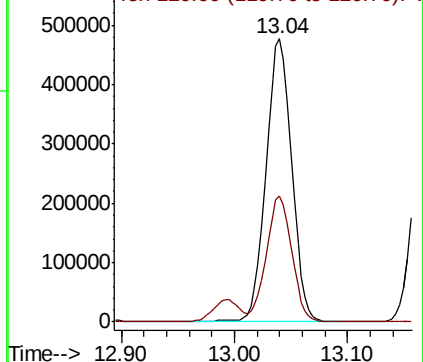


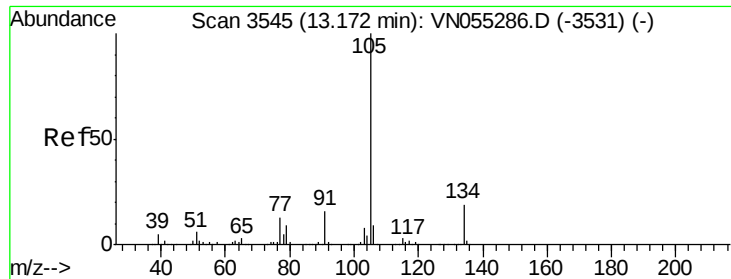
#84
1,2,4-Trimethylbenzene
Concen: 46.247 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion:105 Resp: 752482
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 42.368 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

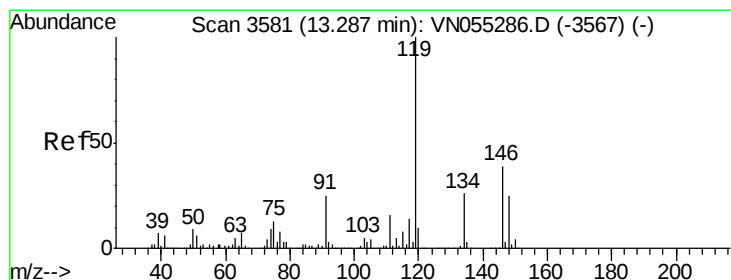
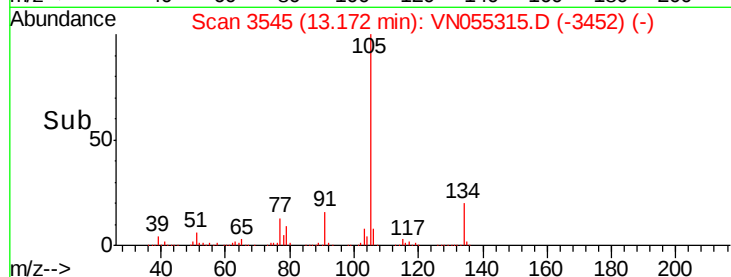
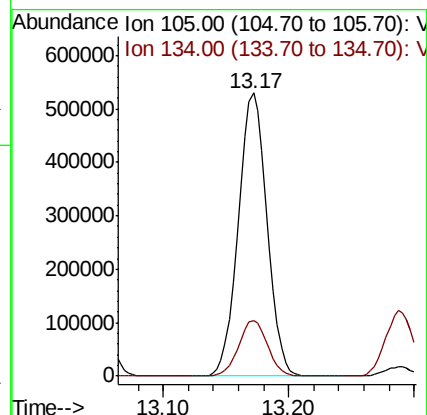
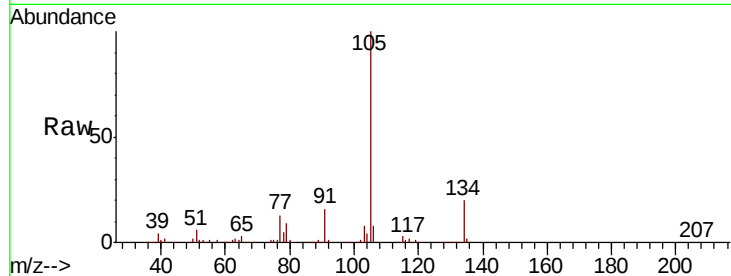
ClientSampleId :

Tot Ion:105 Resp: 837792

Ion Ratio Lower Upper

105 100

134 19.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 45.254 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

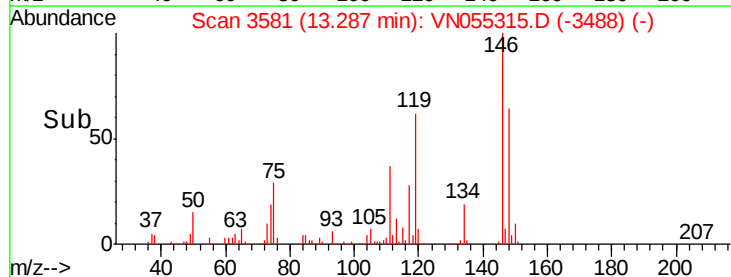
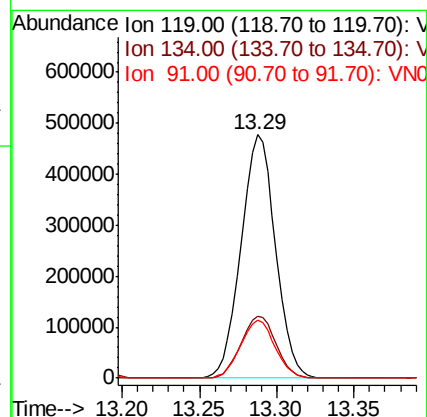
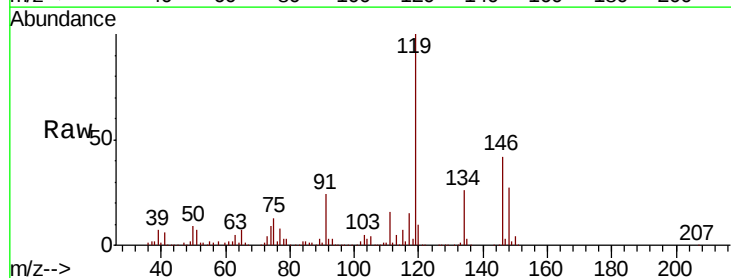
Tgt Ion:119 Resp: 735496

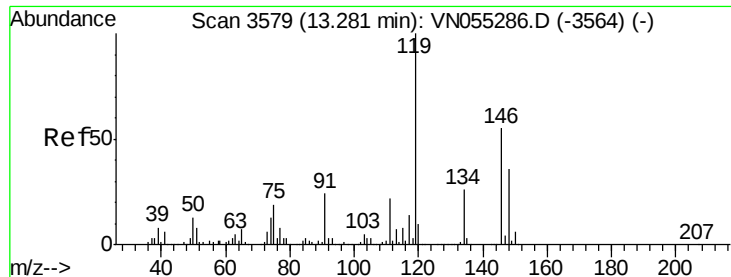
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.9 12.2 36.6

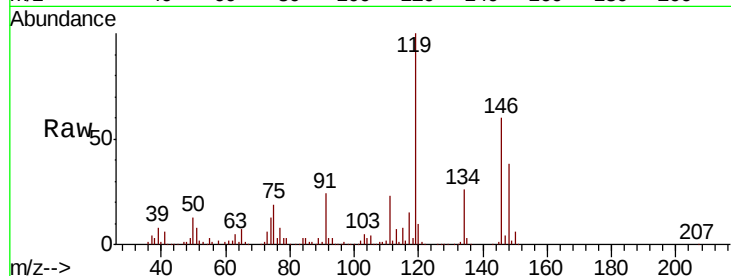




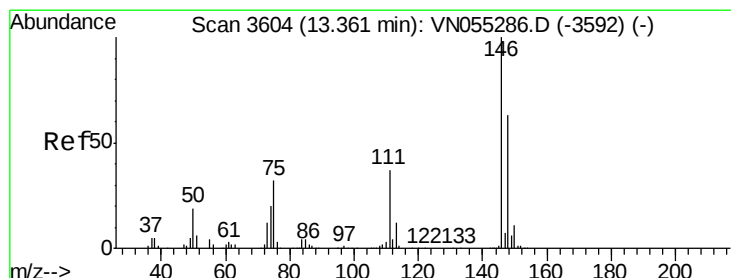
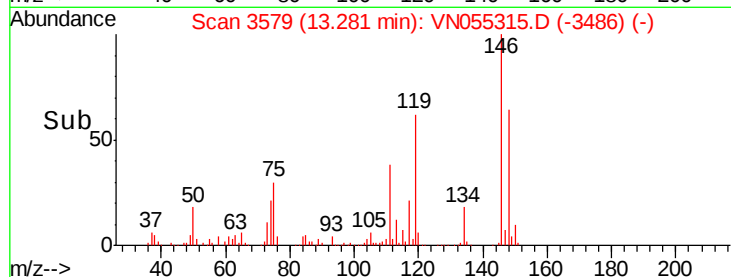
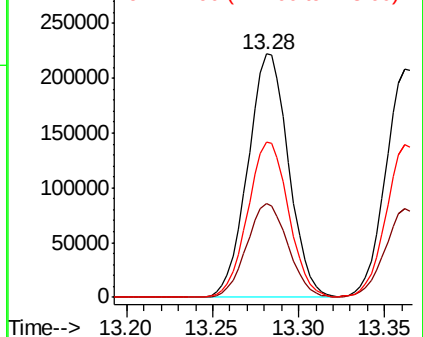
#87
 1,3-Dichlorobenzene
 Concen: 46.957 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 364643
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.3 60.8
 148 63.9 32.5 97.5

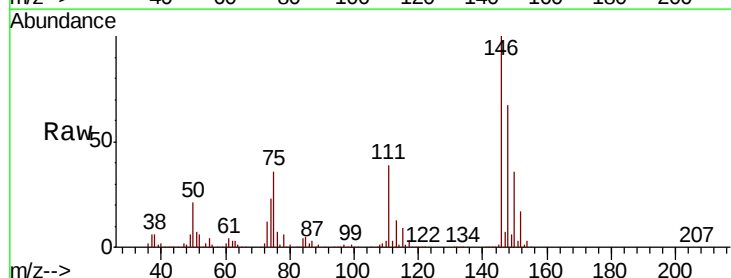


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

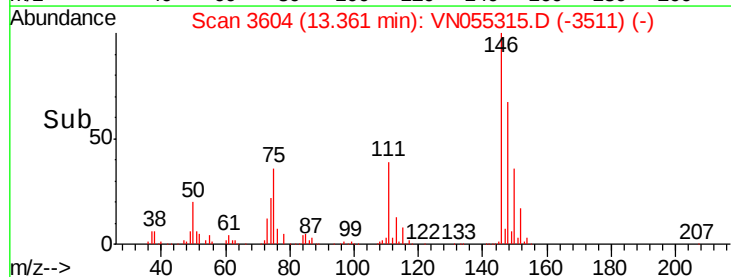
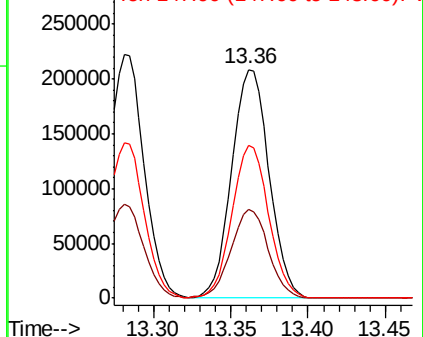


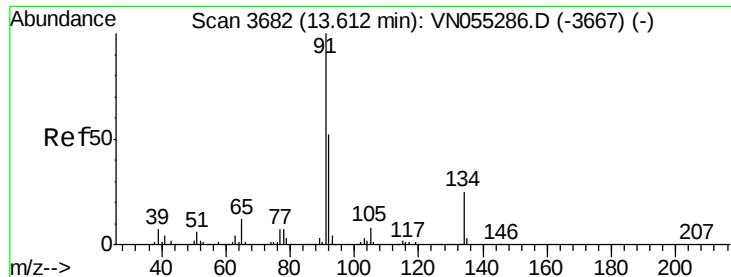
#88
 1,4-Dichlorobenzene
 Concen: 47.775 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion:146 Resp: 349377
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.5 58.5
 148 65.7 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

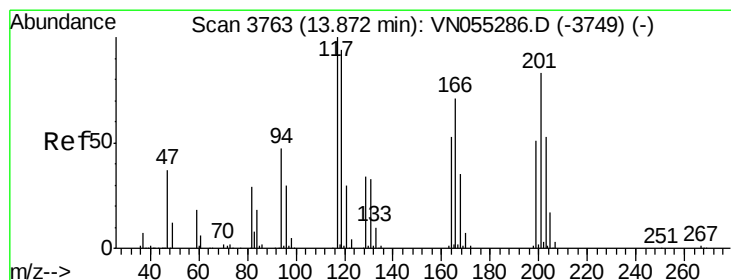
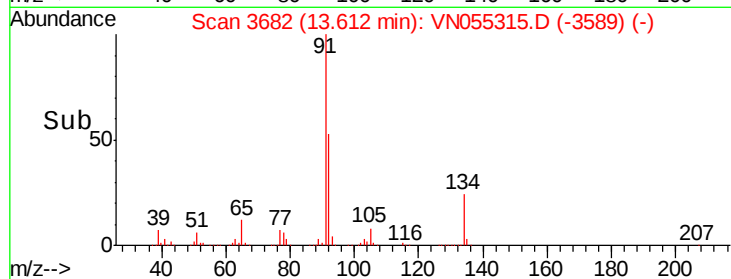
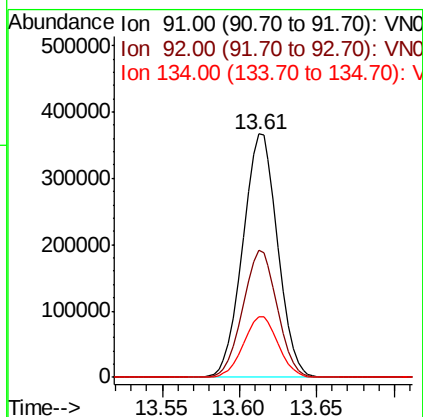
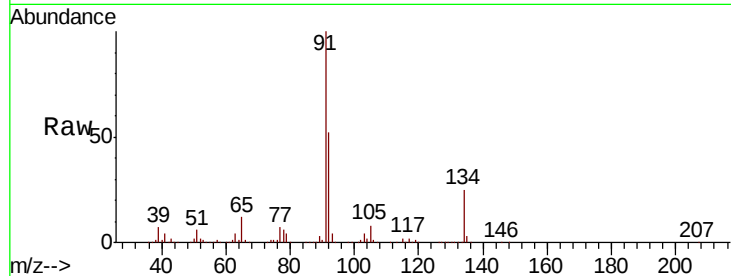




#89
n-Butylbenzene
Concen: 49.716 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

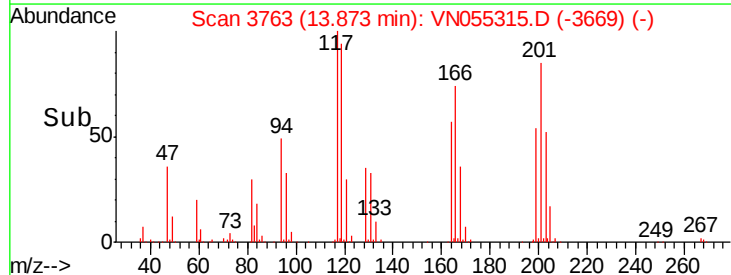
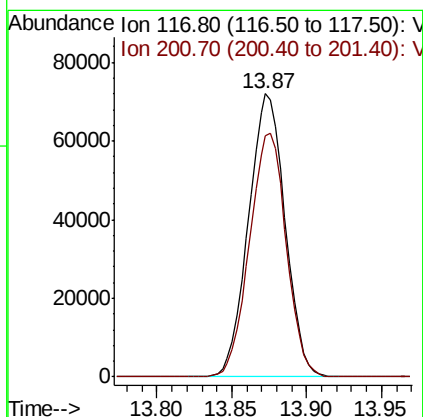
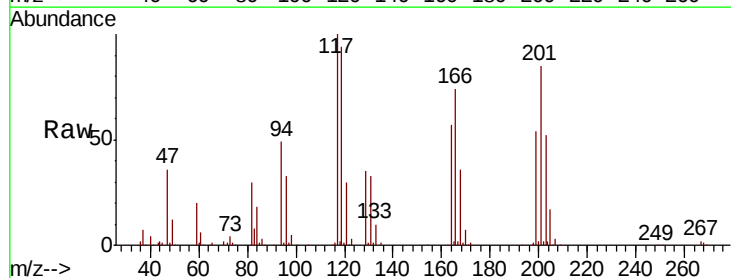
Instrument :
MSVOA_N
ClientSampled :

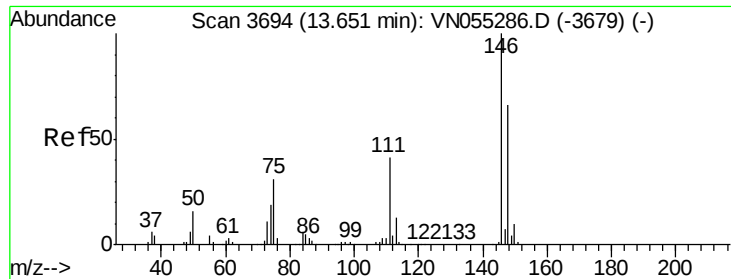
Tot Ion: 91 Resp: 574165
Ion Ratio Lower Upper
91 100
92 51.6 26.1 78.3
134 24.9 12.4 37.4



#90
Hexachloroethane
Concen: 47.560 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055315.D
Acq: 30 Apr 2019 18:09

Tgt Ion: 117 Resp: 122590
Ion Ratio Lower Upper
117 100
201 86.3 41.9 125.8





#91

1,2-Dichlorobenzene

Concen: 47.733 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

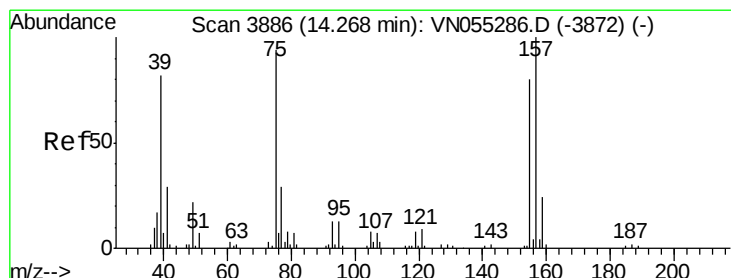
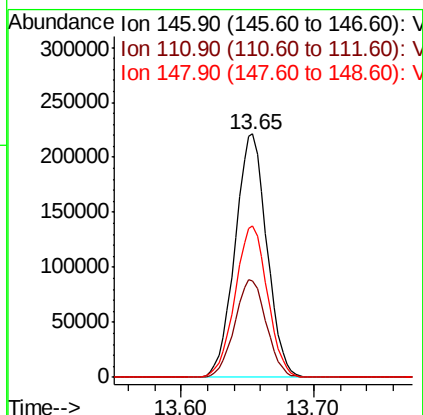
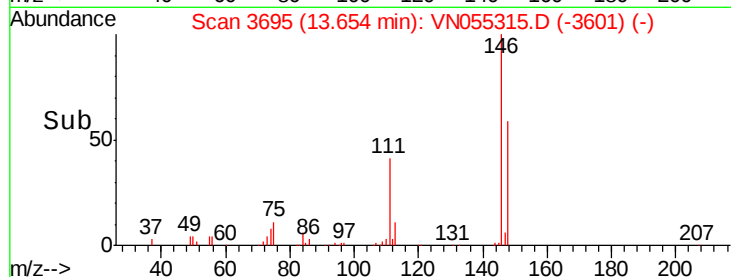
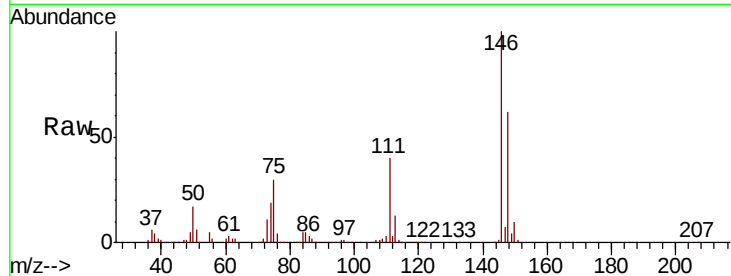
Tot Ion:146 Resp: 367378

Ion Ratio Lower Upper

146 100

111 40.1 20.3 61.0

148 63.4 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.188 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

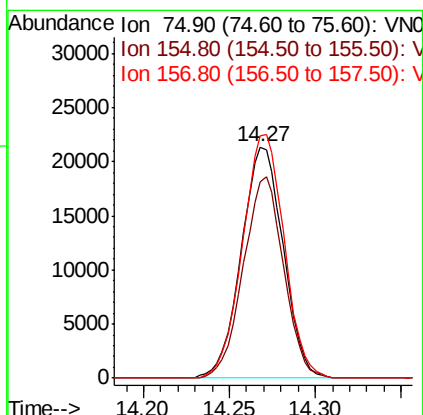
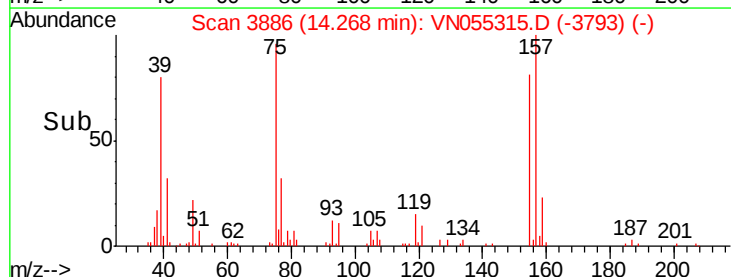
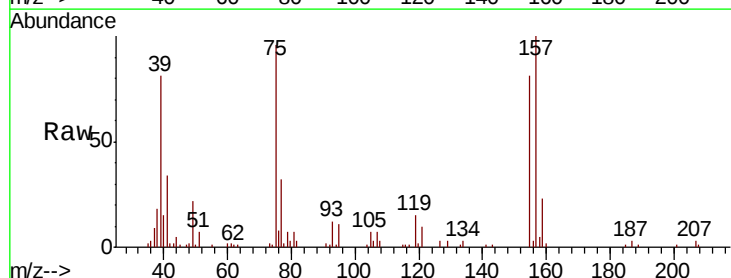
Tgt Ion: 75 Resp: 36136

Ion Ratio Lower Upper

75 100

155 83.8 41.5 124.6

157 104.8 54.0 162.2

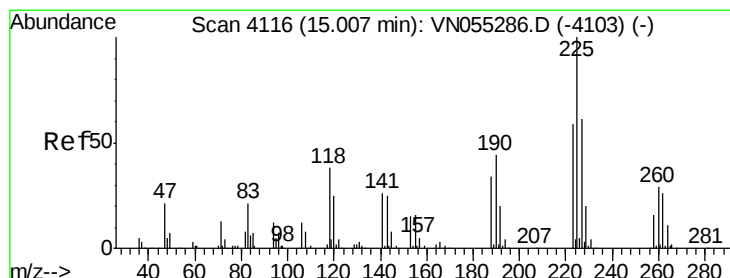
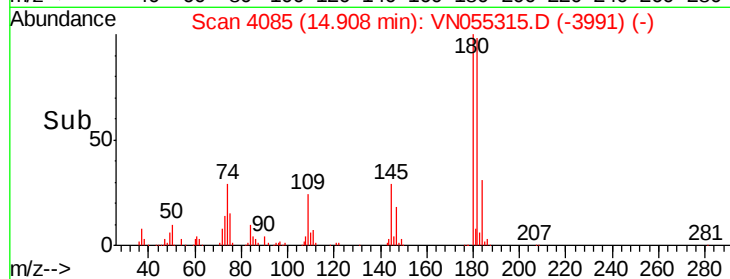
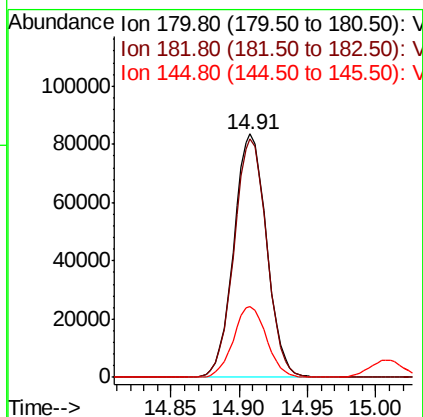
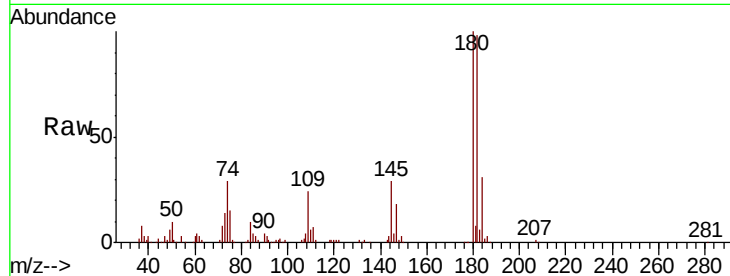




#93
 1,2,4-Trichlorobenzene
 Concen: 46.290 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

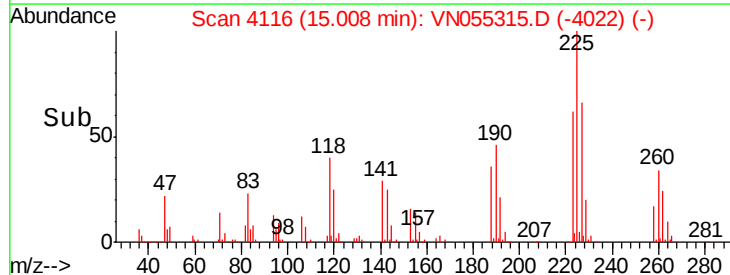
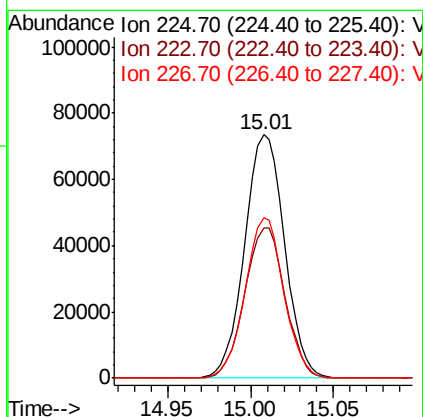
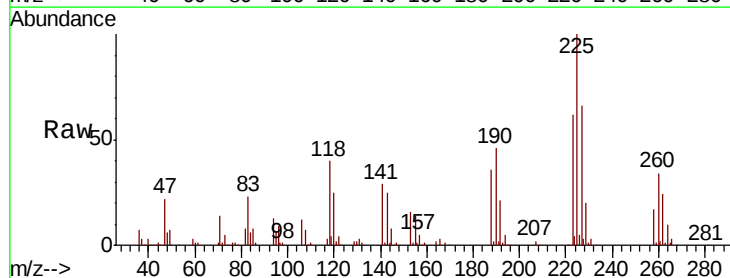
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.3	144.9
145	29.2	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 53.313 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055315.D
 Acq: 30 Apr 2019 18:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	30.3	90.8
227	63.8	30.9	92.7





#95

Naphthalene

Concen: 48.062 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

Instrument :

MSVOA_N

ClientSampleId :

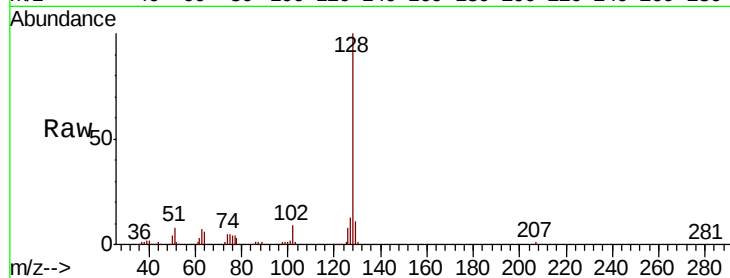
Tot Ion:128 Resp: 309129

Ion Ratio Lower Upper

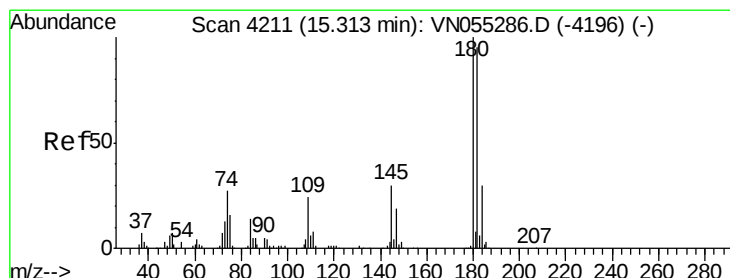
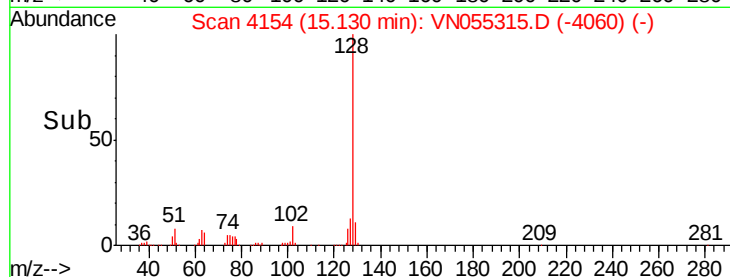
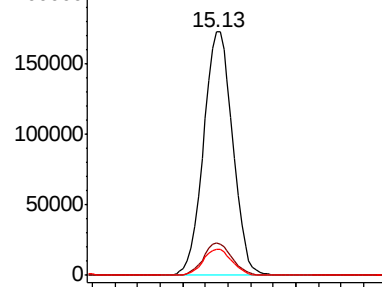
128 100

127 13.0 10.7 16.1

129 10.7 8.6 13.0



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



#96

1,2,3-Trichlorobenzene

Concen: 49.269 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055315.D

Acq: 30 Apr 2019 18:09

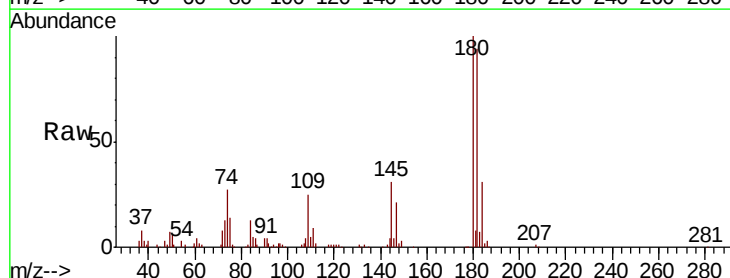
Tgt Ion:180 Resp: 147104

Ion Ratio Lower Upper

180 100

182 95.0 48.3 144.9

145 30.9 15.2 45.6



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

