

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058326.D
 Acq On : 24 Sep 2019 4:27
 Operator : JC/SP
 Sample : K5002-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 07:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	422920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	753198	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	683356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	338492	57.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.92%	
35) Dibromofluoromethane	7.58	113	242274	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.09	98	910995	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.41	95	334217	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	135862	39.106	ug/l	99
3) Chloromethane	2.04	50	138259	51.663	ug/l	99
4) Vinyl Chloride	2.17	62	150286	51.345	ug/l	98
5) Bromomethane	2.54	94	77424	49.946	ug/l	99
6) Chloroethane	2.68	64	102921	55.044	ug/l	97
7) Trichlorofluoromethane	3.00	101	216816	45.722	ug/l	99
8) Diethyl Ether	3.39	74	110165	50.701	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.74	101	136070	39.798	ug/l	98
10) Methyl Iodide	3.93	142	136832	47.761	ug/l	99
11) Tert butyl alcohol	4.76	59	193543	276.220	ug/l	100
12) 1,1-Dichloroethene	3.72	96	129679	49.979	ug/l	96
13) Acrolein	3.59	56	39392	379.358	ug/l	94
14) Allyl chloride	4.30	41	271802	48.583	ug/l	98
15) Acrylonitrile	4.96	53	568808	304.694	ug/l	99
16) Acetone	3.79	43	471283	235.706	ug/l	99
17) Carbon Disulfide	4.03	76	163880	44.899	ug/l	99
18) Methyl Acetate	4.30	43	293491	55.784	ug/l	100
19) Methyl tert-butyl Ether	5.02	73	718525	55.719	ug/l	99
20) Methylene Chloride	4.53	84	190531	54.447	ug/l	97
21) trans-1,2-Dichloroethene	5.02	96	144902	51.261	ug/l	99
22) Diisopropyl ether	5.93	45	785221	55.253	ug/l	100
23) Vinyl Acetate	5.87	43	2790545	286.966	ug/l	100
24) 1,1-Dichloroethane	5.83	63	419822	55.349	ug/l	99
25) 2-Butanone	6.82	43	777747	285.515	ug/l	100
26) 2,2-Dichloropropane	6.80	77	195780	30.425	ug/l	95
27) cis-1,2-Dichloroethene	6.81	96	219157	51.100	ug/l	97
28) Bromochloromethane	7.18	49	209284	58.327	ug/l	97
29) Tetrahydrofuran	7.19	42	488257	290.989	ug/l	100
30) Chloroform	7.36	83	430602	52.741	ug/l	99
31) Cyclohexane	7.64	56	209197	42.296	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	328524	52.856	ug/l	100
36) 1,1-Dichloropropene	7.78	75	234182	43.114	ug/l	100
37) Ethyl Acetate	6.91	43	307411	54.536	ug/l	100
38) Carbon Tetrachloride	7.76	117	251602	46.080	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
 Data File : VN058326.D
 Acq On : 24 Sep 2019 4:27
 Operator : JC/SP
 Sample : K5002-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 24 07:11:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	180680	34.426	ug/l	98
40) Benzene	8.03	78	794043	47.862	ug/l	100
41) Methacrylonitrile	7.19	41	472780	164.366	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	350924	50.410	ug/l	100
43) Isopropyl Acetate	8.15	43	565306	53.698	ug/l	99
44) Trichloroethene	8.82	130	187735	46.242	ug/l	100
45) 1,2-Dichloropropane	9.11	63	259058	52.288	ug/l	99
46) Dibromomethane	9.20	93	153979	51.118	ug/l	97
47) Bromodichloromethane	9.39	83	336637	53.345	ug/l	99
48) Methyl methacrylate	9.19	41	268341	56.139	ug/l	99
49) 1,4-Dioxane	9.19	88	79596	1014.254	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	1769606	316.468	ug/l	99
52) Toluene	10.15	92	497755	47.874	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	324990	50.275	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	345310	48.384	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	246532	53.431	ug/l	99
56) Ethyl methacrylate	10.43	69	375435	56.395	ug/l	99
57) 1,3-Dichloropropane	10.71	76	412014	51.943	ug/l	99
59) 2-Hexanone	10.75	43	1267173	305.128	ug/l	99
60) Dibromochloromethane	10.90	129	252887	56.970	ug/l	98
61) 1,2-Dibromoethane	11.00	107	226713	53.020	ug/l	99
64) Tetrachloroethene	10.63	164	135997	40.825	ug/l	97
65) Chlorobenzene	11.44	112	586426	48.789	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	234221	53.740	ug/l	99
67) Ethyl Benzene	11.51	91	1022104	49.627	ug/l	100
68) m/p-Xylenes	11.62	106	737118	95.026	ug/l	97
69) o-Xylene	11.95	106	379371	49.738	ug/l	97
70) Stvrene	11.97	104	677574	51.559	ug/l	99
71) Bromoform	12.13	173	161524	49.988	ug/l #	99
73) Isopropylbenzene	12.26	105	1026068	50.570	ug/l	99
74) N-amyl acetate	12.08	43	508015	59.849	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	395334	58.183	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	462271	79.683	ug/l #	100
77) Bromobenzene	12.53	156	254709	49.905	ug/l	95
78) n-propylbenzene	12.60	91	1195118	51.834	ug/l	99
79) 2-Chlorotoluene	12.68	91	744965	51.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.74	105	889941	51.868	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	90306	46.753	ug/l	97
82) 4-Chlorotoluene	12.78	91	777657	51.340	ug/l	100
83) tert-Butylbenzene	13.00	119	769912	50.318	ug/l	99
84) 1,2,4-Trimethylbenzene	13.05	105	910014	53.296	ug/l	100
85) sec-Butylbenzene	13.18	105	1004946	50.226	ug/l	100
86) p-Isopropyltoluene	13.30	119	910911	51.210	ug/l	100
87) 1,3-Dichlorobenzene	13.29	146	474081	50.856	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	482641	50.713	ug/l	99
89) n-Butylbenzene	13.62	91	792866	47.014	ug/l	100
90) Hexachloroethane	13.88	117	149557	48.063	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	491114	52.519	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	75779	61.949	ug/l	99
93) 1,2,4-Trichlorobenzene	14.92	180	300493	50.295	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058326.D
Acq On : 24 Sep 2019 4:27
Operator : JC/SP
Sample : K5002-10MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 24 07:11:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration

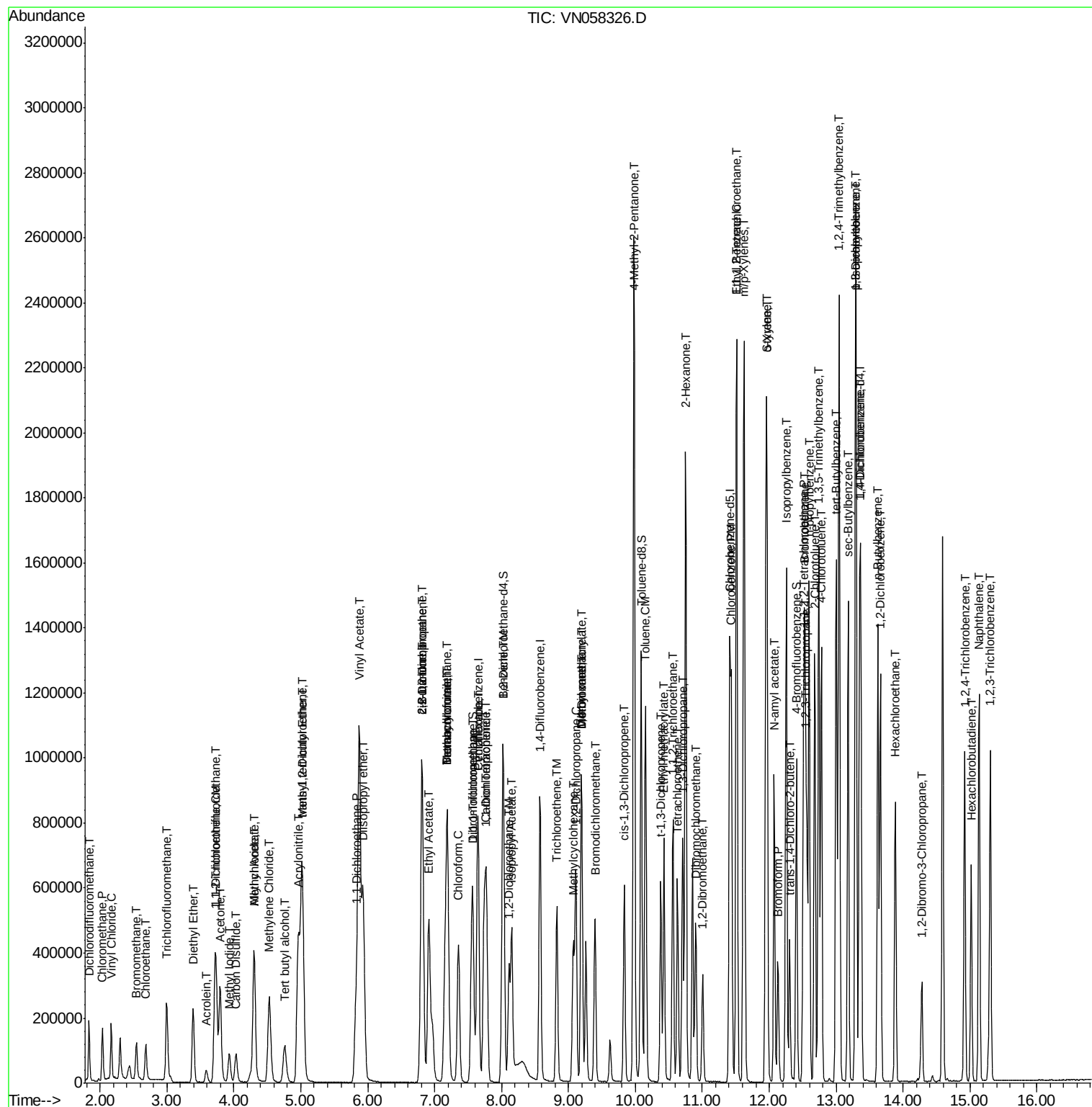
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.02	225	117124	40.559	ug/l	96
95) Naphthalene	15.14	128	938093	60.586	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	299706	53.073	ug/l	99

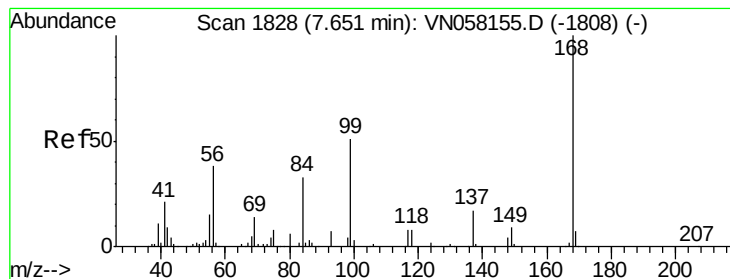
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092319\
Data File : VN058326.D
Acq On : 24 Sep 2019 4:27
Operator : JC/SP
Sample : K5002-10MSD
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 24 07:11:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 09:27:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

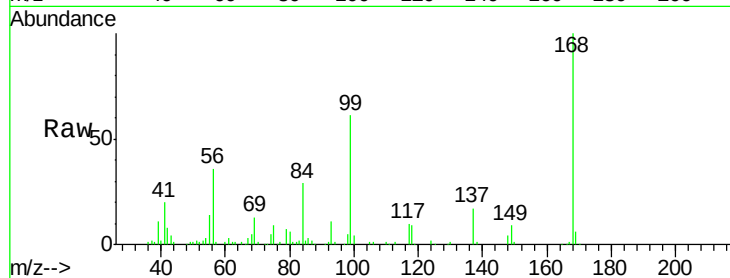
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 422920

Ion Ratio Lower Upper

168 100

99 61.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

150000

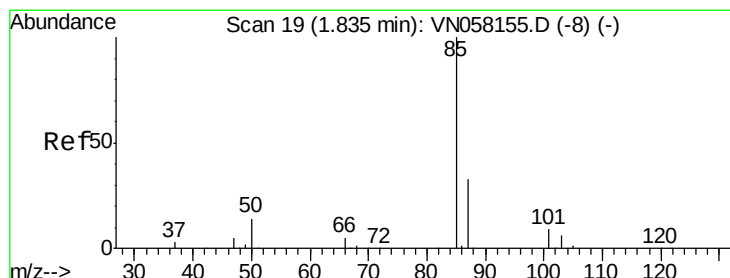
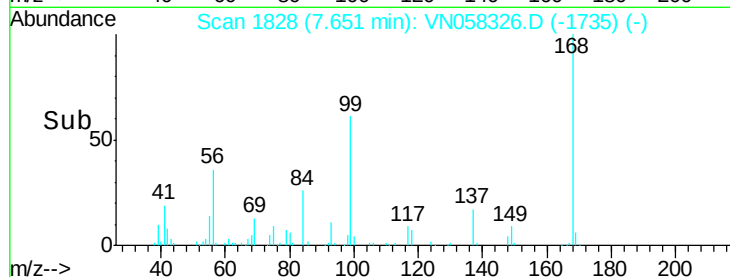
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 39.106 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058326.D

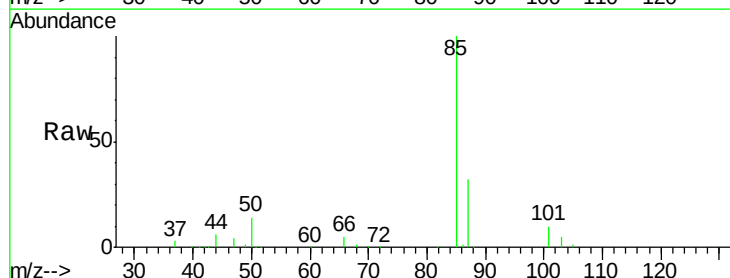
Acq: 24 Sep 2019 4:27

Tgt Ion: 85 Resp: 135862

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

60000

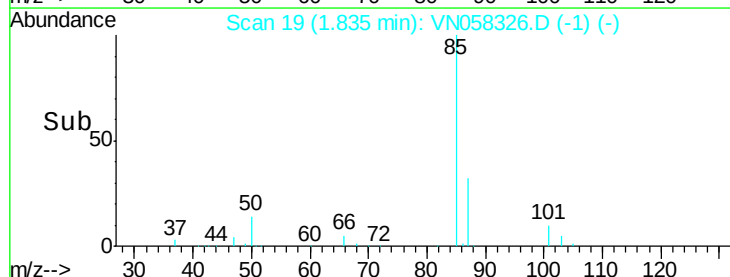
40000

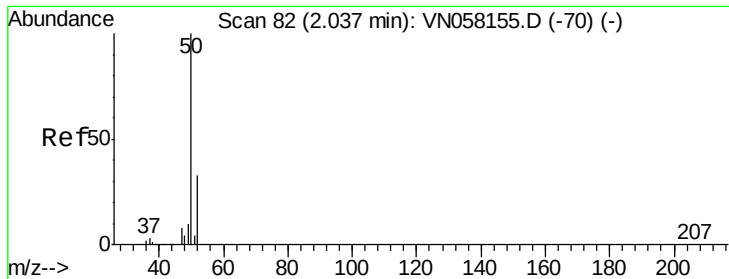
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 51.663 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

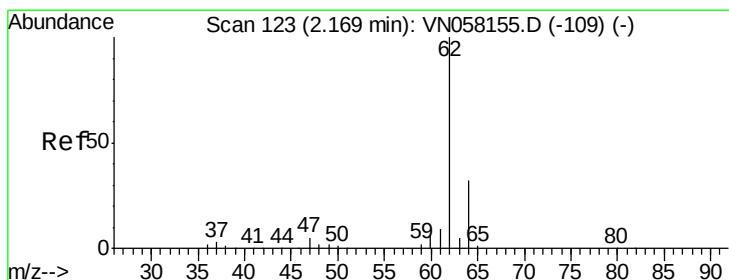
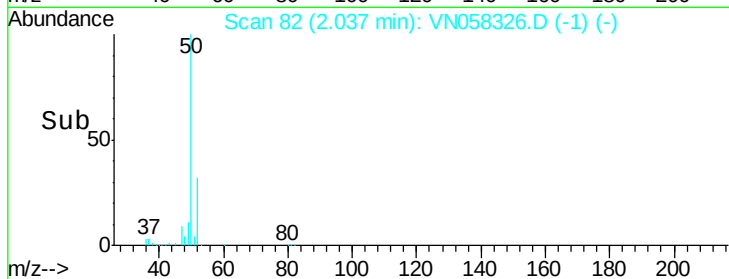
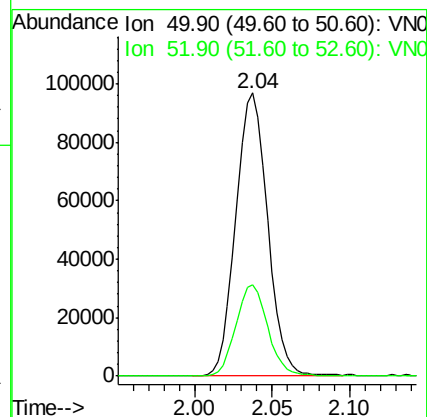
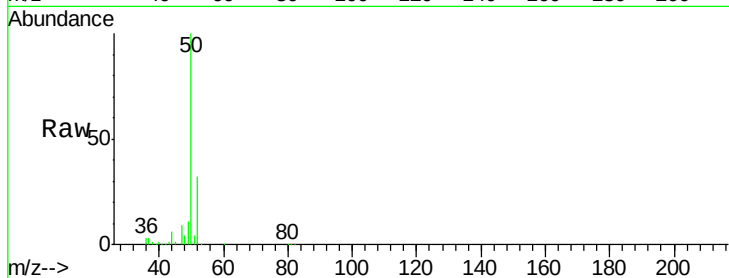
ClientSampled :

Tot Ion: 50 Resp: 138259

Ion Ratio Lower Upper

50 100

52 32.4 26.3 39.5



#4

Vinyl Chloride

Concen: 51.345 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058326.D

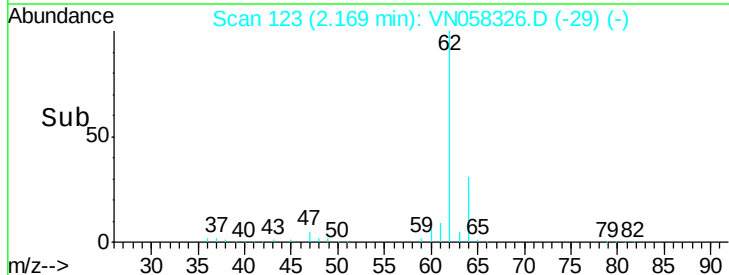
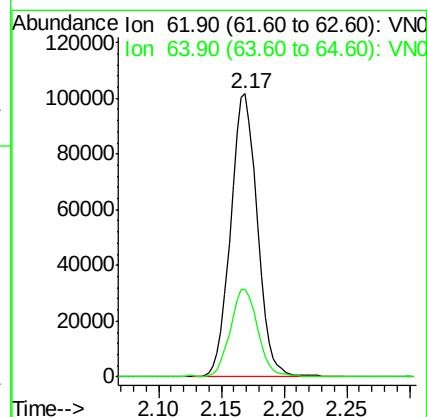
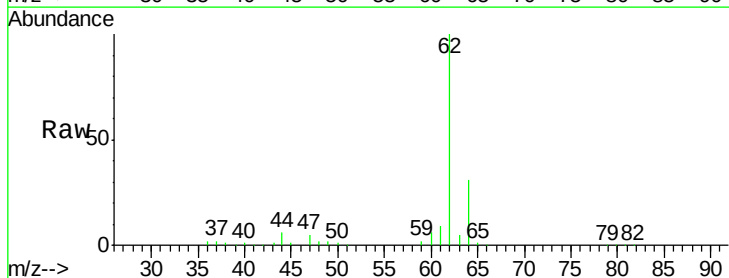
Acq: 24 Sep 2019 4:27

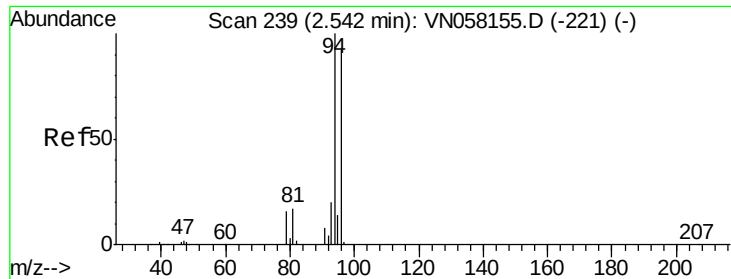
Tgt Ion: 62 Resp: 150286

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.2





#5

Bromomethane

Concen: 49.946 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

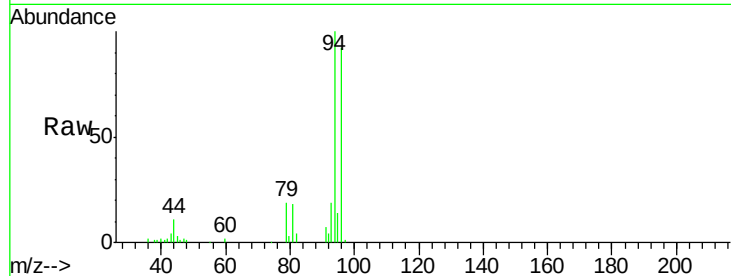
ClientSampleId :

Tot Ion: 94 Resp: 77424

Ion Ratio Lower Upper

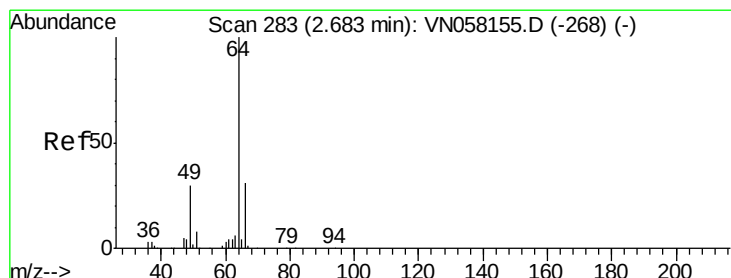
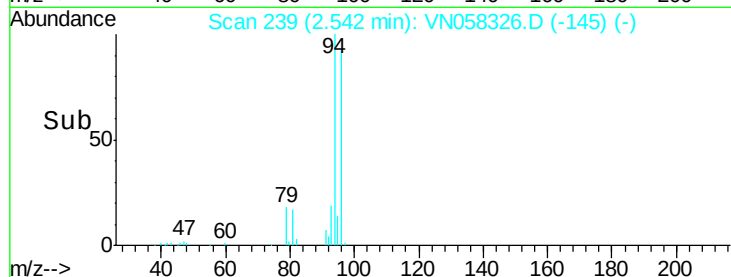
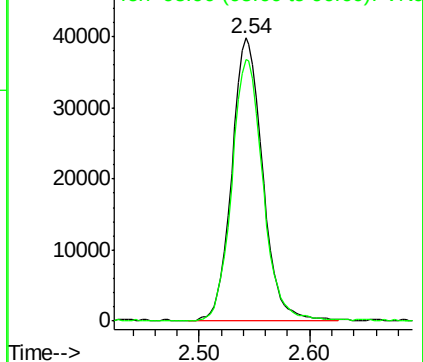
94 100

96 92.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 55.044 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN058326.D

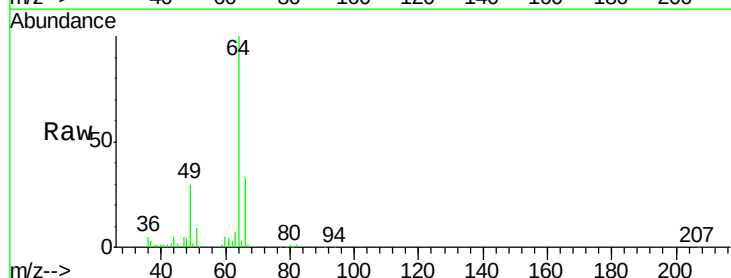
Acq: 24 Sep 2019 4:27

Tgt Ion: 64 Resp: 102921

Ion Ratio Lower Upper

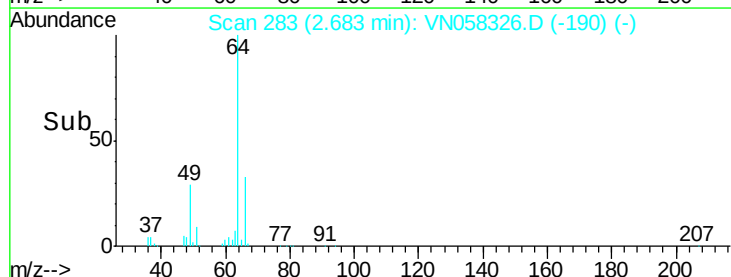
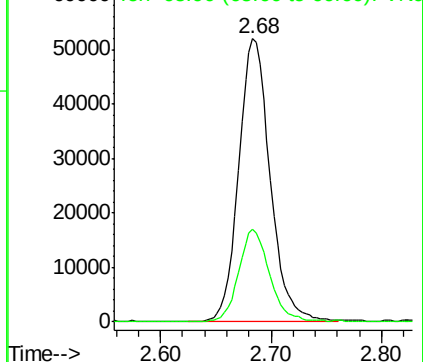
64 100

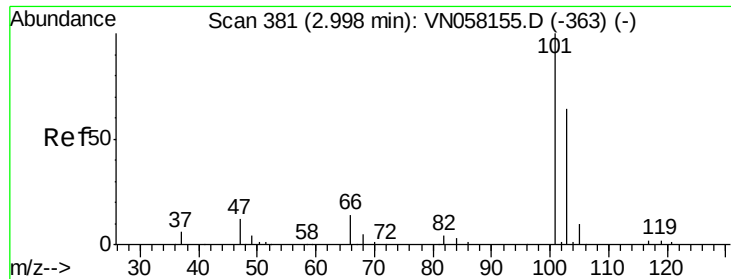
66 32.6 24.6 37.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



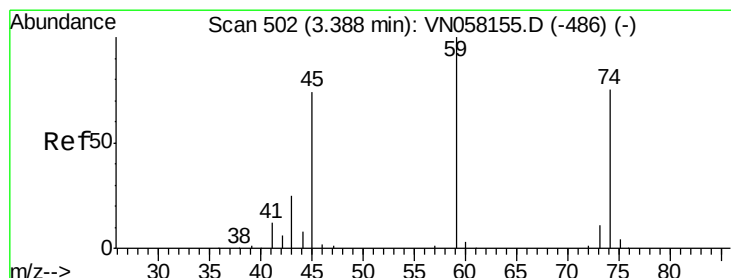
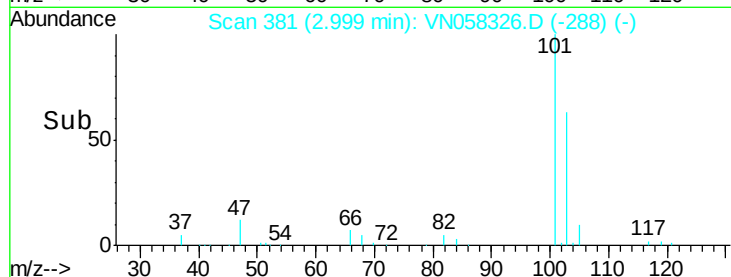
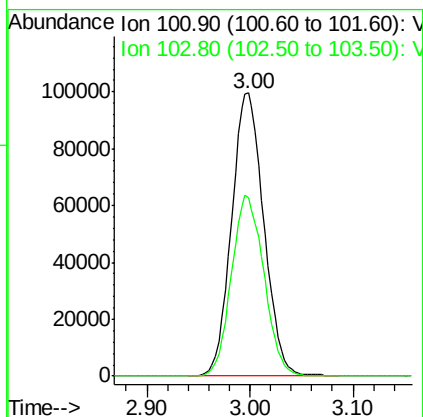
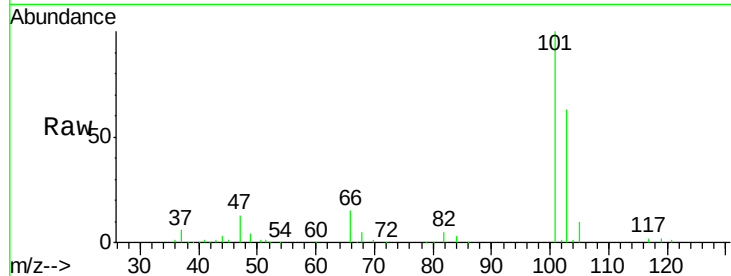


#7

Trichlorofluoromethane
Concen: 45.722 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

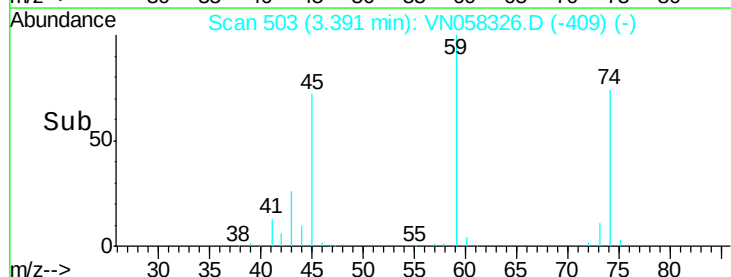
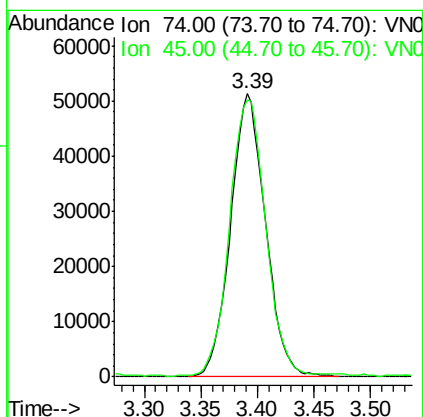
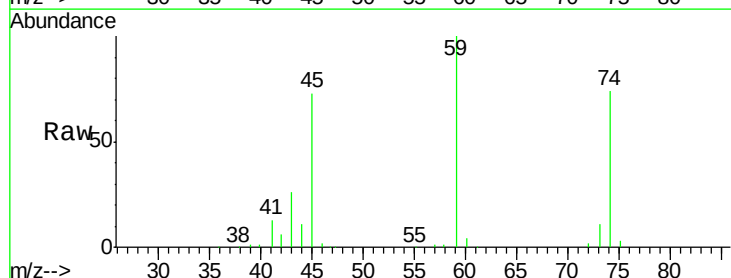
Tot Ion:101 Resp: 216816
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.6

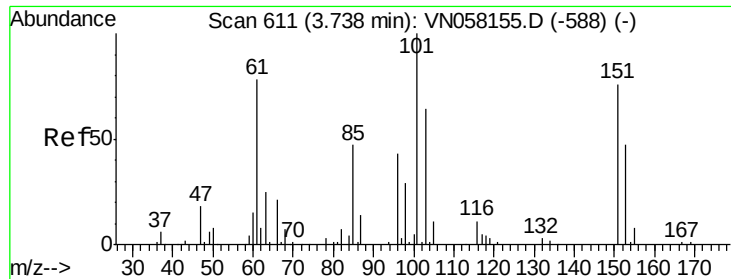


#8

Diethyl Ether
Concen: 50.701 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion: 74 Resp: 110165
Ion Ratio Lower Upper
74 100
45 103.2 48.5 145.5

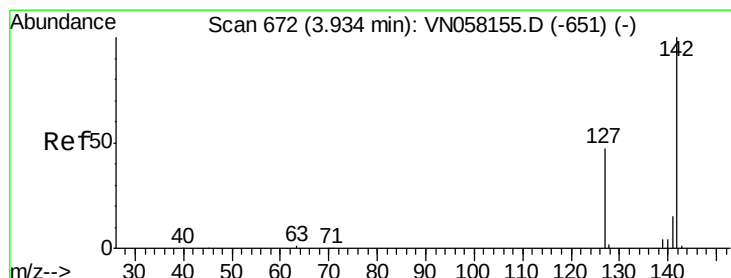
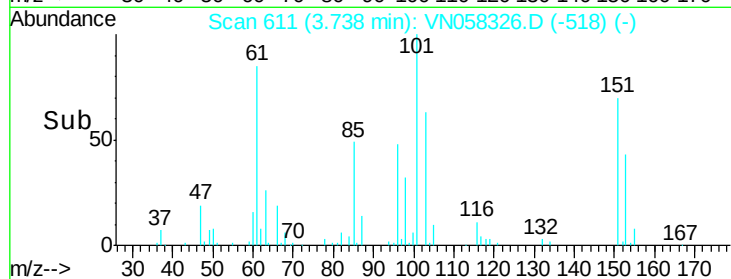
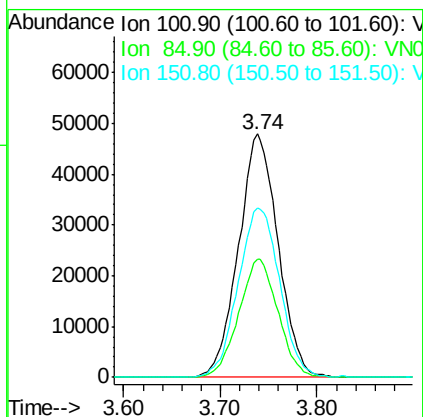
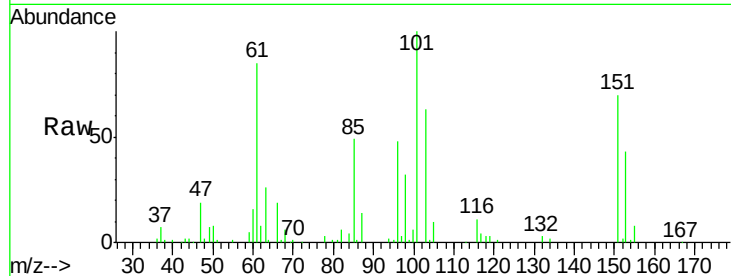




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 39.798 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

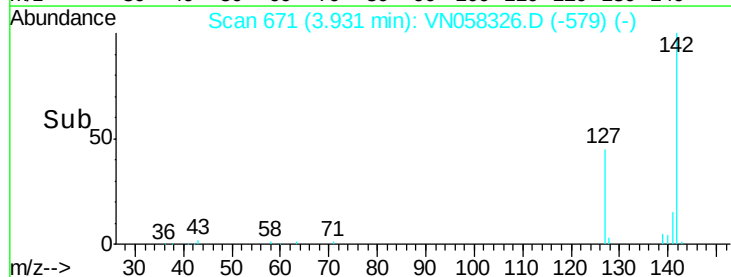
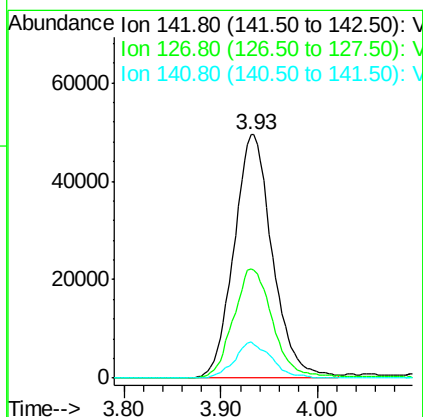
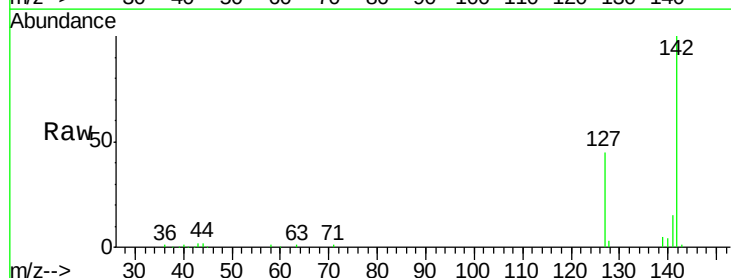
Instrument :
 MSVOA_N
 ClientSampled :

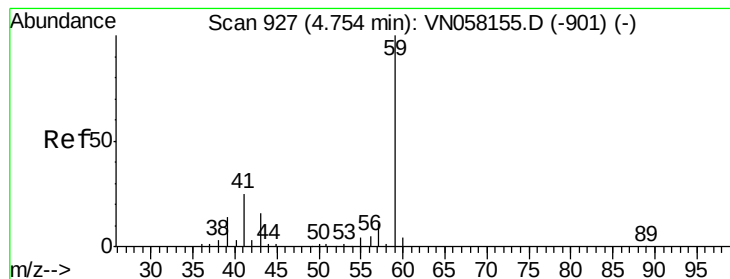
Tot Ion:101 Resp: 136070
 Ion Ratio Lower Upper
 101 100
 85 48.1 37.3 55.9
 151 73.2 59.6 89.4



#10
 Methyl Iodide
 Concen: 47.761 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion:142 Resp: 136832
 Ion Ratio Lower Upper
 142 100
 127 46.2 37.5 56.3
 141 14.2 11.4 17.2



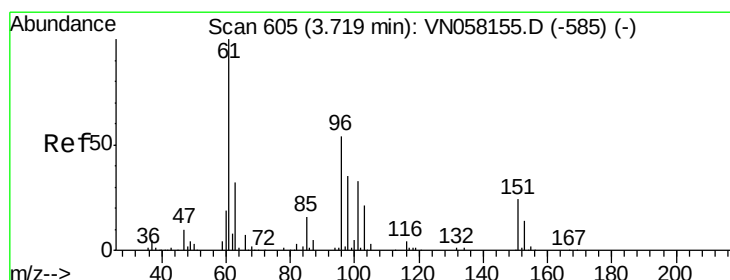
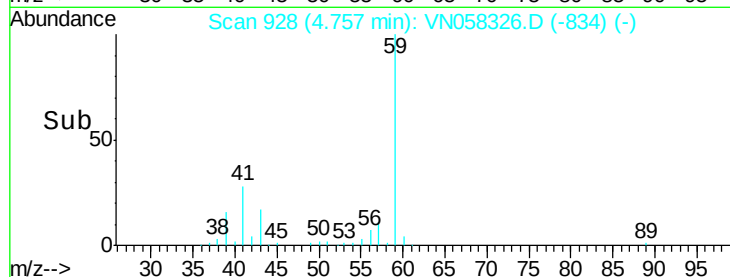
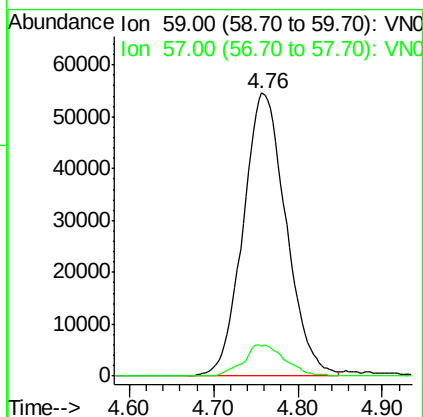
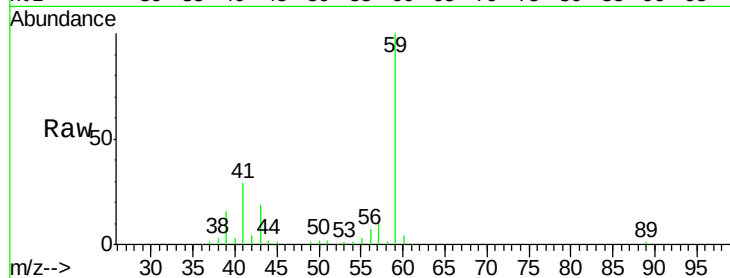


#11

Tert butyl alcohol
 Concen: 276.220 ug/l
 RT: 4.76 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :

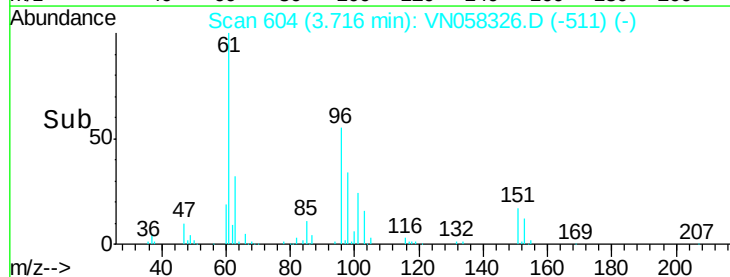
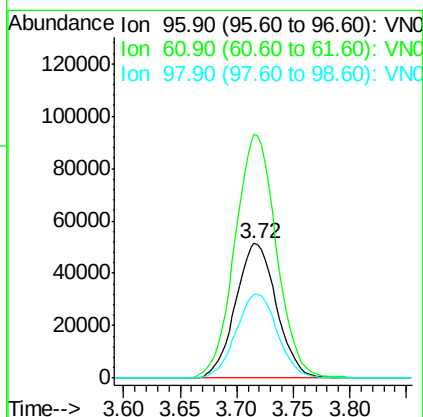
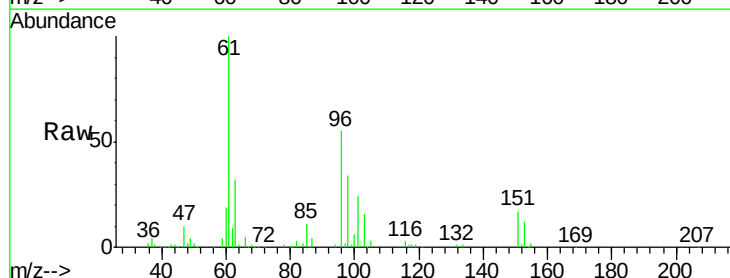
Tot Ion: 59 Resp: 193543
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 13.0

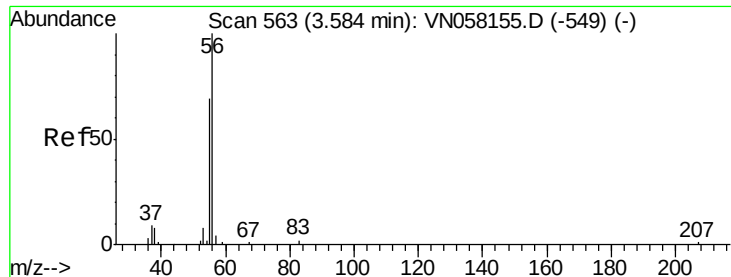


#12

1,1-Dichloroethene
 Concen: 49.979 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 96 Resp: 129679
 Ion Ratio Lower Upper
 96 100
 61 181.2 149.5 224.3
 98 61.8 52.4 78.6





#13

Acrolein

Concen: 379.358 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

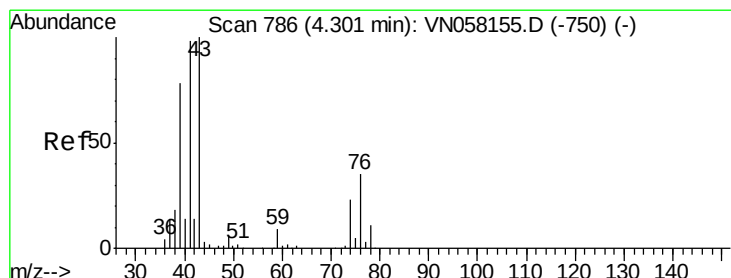
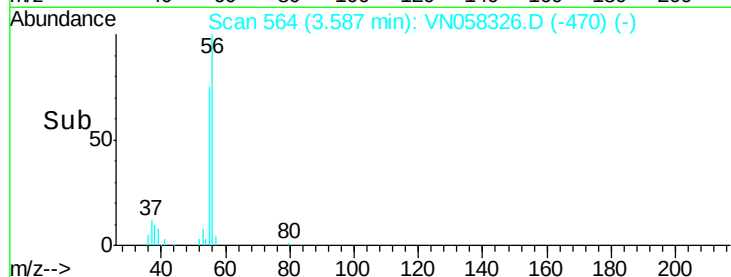
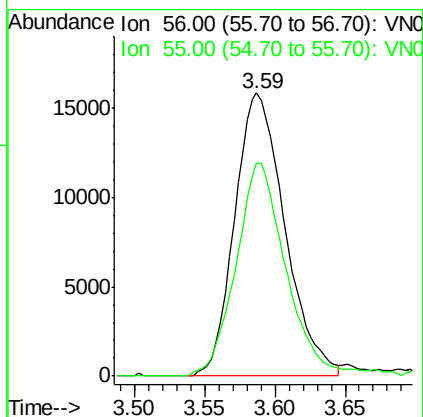
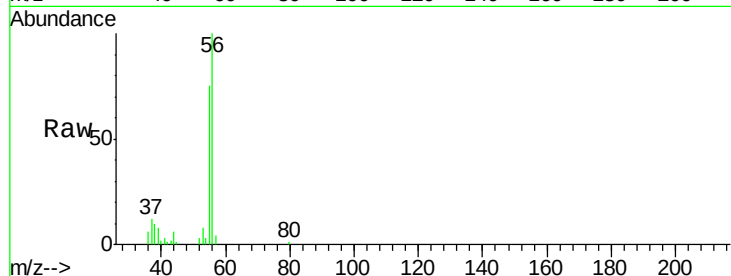
ClientSampleId :

Tot Ion: 56 Resp: 39392

Ion Ratio Lower Upper

56 100

55 75.0 56.1 84.1



#14

Allyl chloride

Concen: 48.583 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

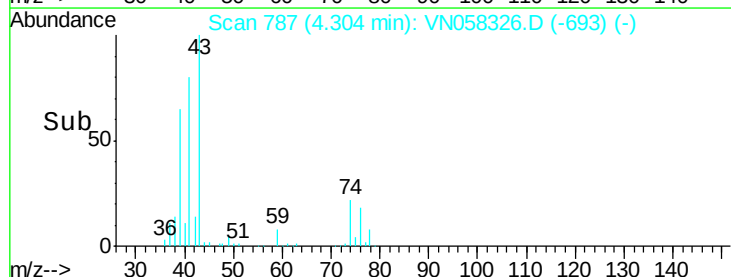
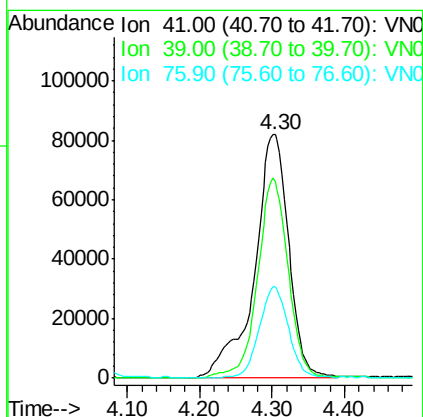
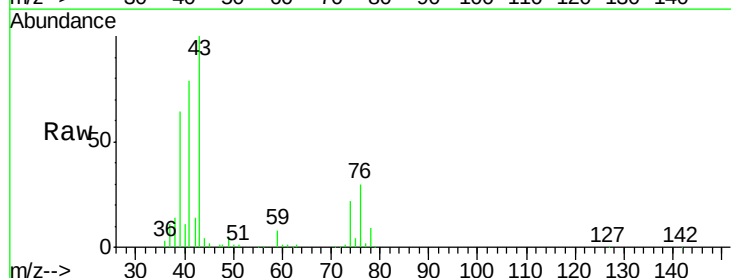
Tgt Ion: 41 Resp: 271802

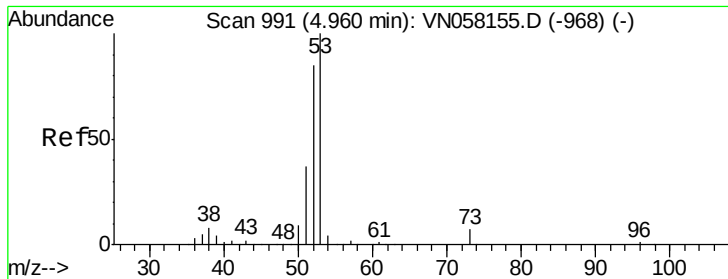
Ion Ratio Lower Upper

41 100

39 71.5 59.1 88.7

76 30.9 25.1 37.7





#15

Acrylonitrile

Concen: 304.694 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

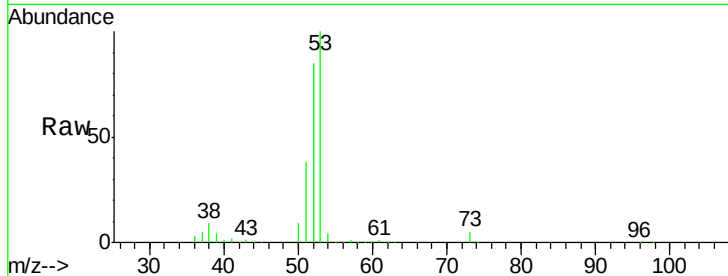
Tot Ion: 53 Resp: 568808

Ion Ratio Lower Upper

53 100

52 83.9 66.6 100.0

51 37.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN058155.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN058155.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN058155.D (-968) (-)

4.96

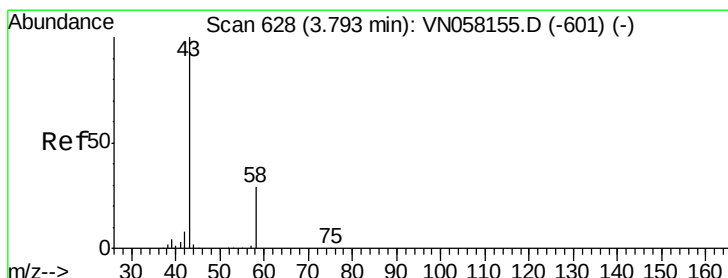
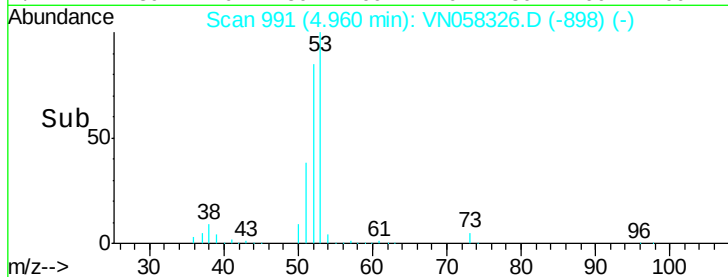
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 235.706 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN058326.D

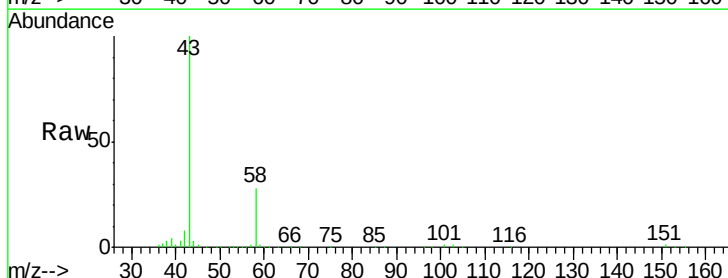
Acq: 24 Sep 2019 4:27

Tgt Ion: 43 Resp: 471283

Ion Ratio Lower Upper

43 100

58 28.6 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN058155.D (-601) (-)

3.79

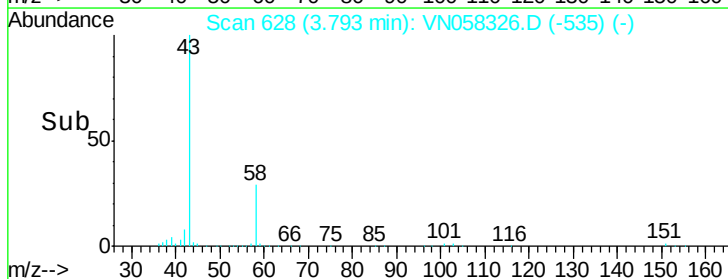
150000

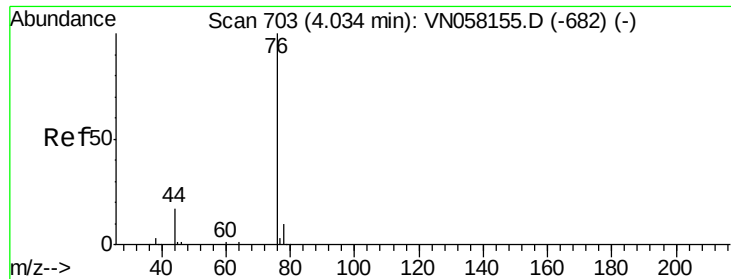
100000

50000

0

Time-->





#17

Carbon Disulfide

Concen: 44.899 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

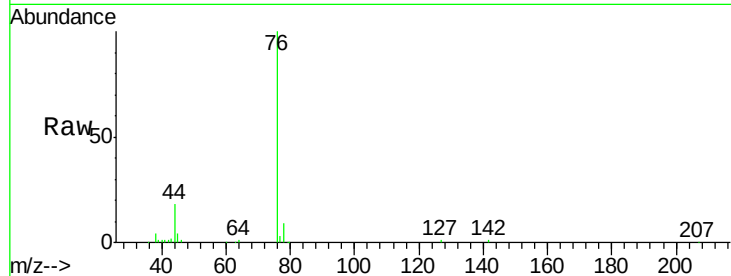
ClientSampleId :

Tot Ion: 76 Resp: 163880

Ion Ratio Lower Upper

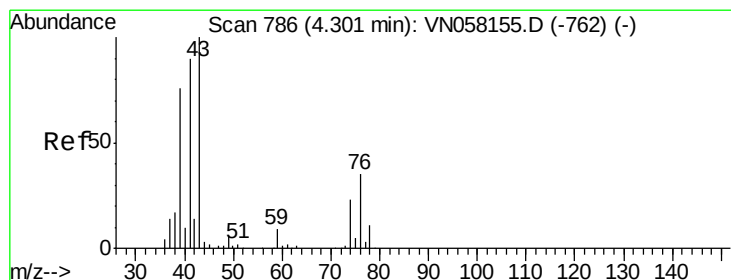
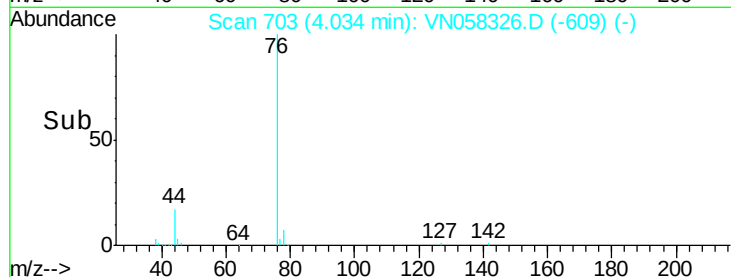
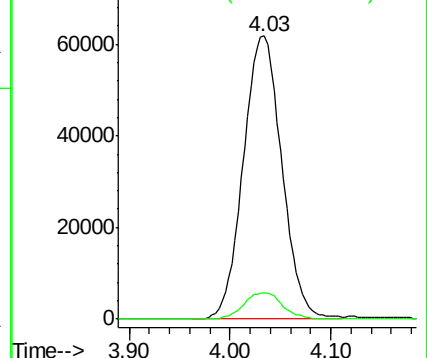
76 100

78 9.1 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 55.784 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058326.D

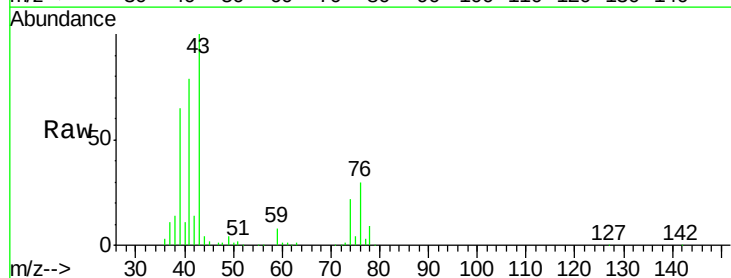
Acq: 24 Sep 2019 4:27

Tgt Ion: 43 Resp: 293491

Ion Ratio Lower Upper

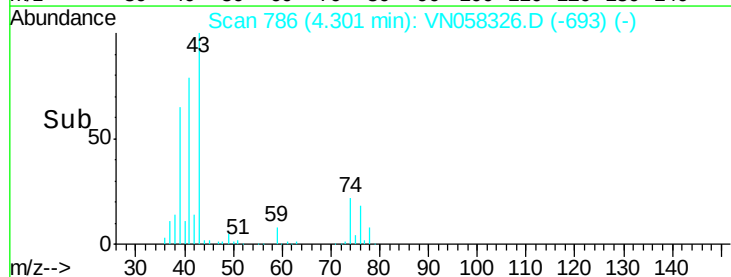
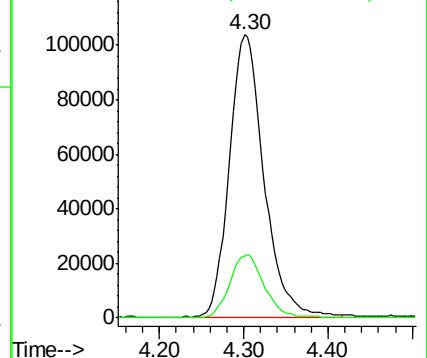
43 100

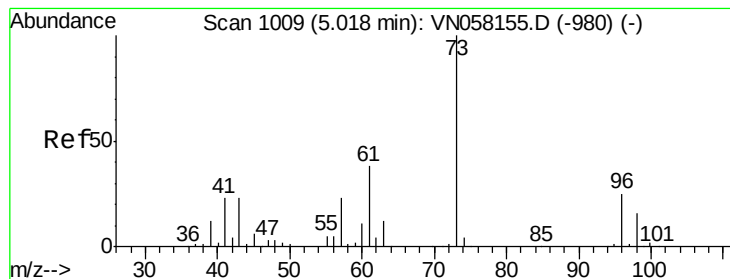
74 22.3 18.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



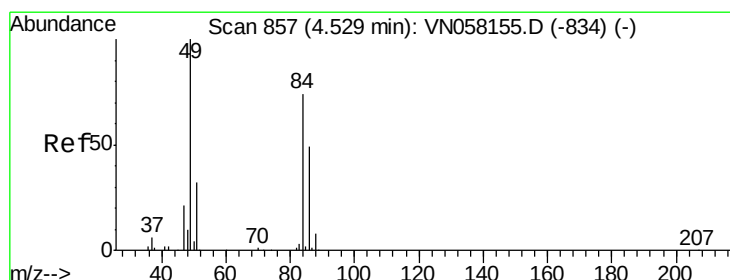
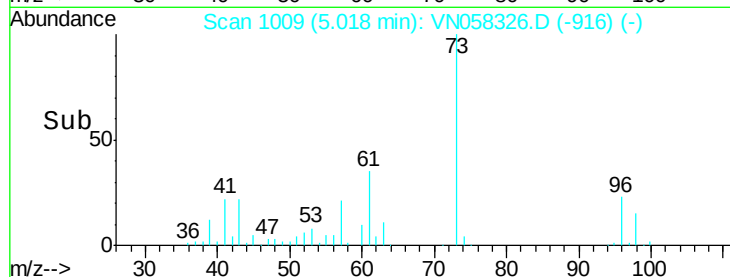
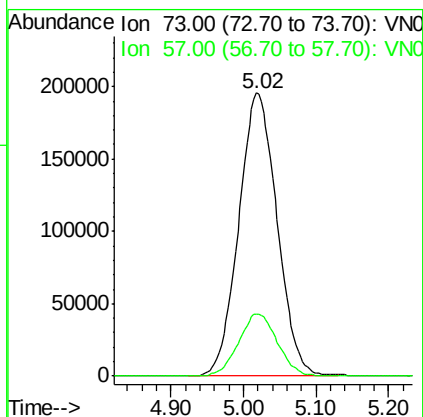
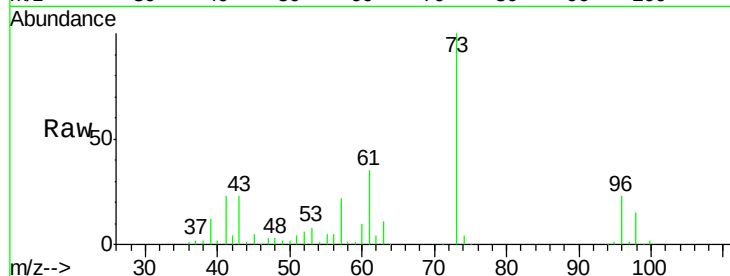


#19

Methyl tert-butyl Ether
 Concen: 55.719 ug/l
 RT: 5.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Instrument :
 MSVOA_N
 ClientSampled :

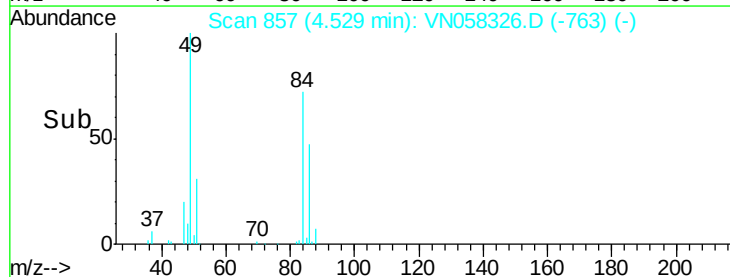
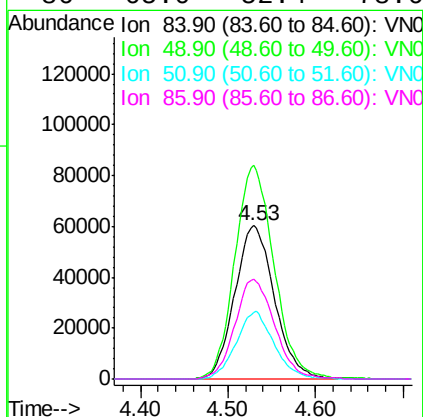
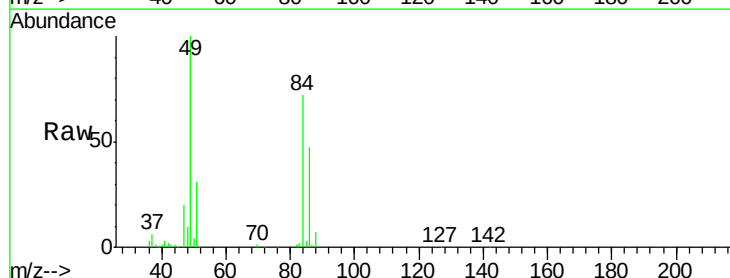
Tot Ion: 73 Resp: 718525
 Ion Ratio Lower Upper
 73 100
 57 21.9 18.1 27.1

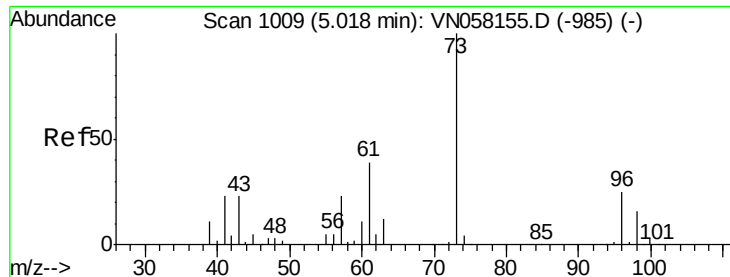


#20

Methylene Chloride
 Concen: 54.447 ug/l
 RT: 4.53 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 84 Resp: 190531
 Ion Ratio Lower Upper
 84 100
 49 139.5 107.5 161.3
 51 43.3 33.9 50.9
 86 65.0 52.4 78.6



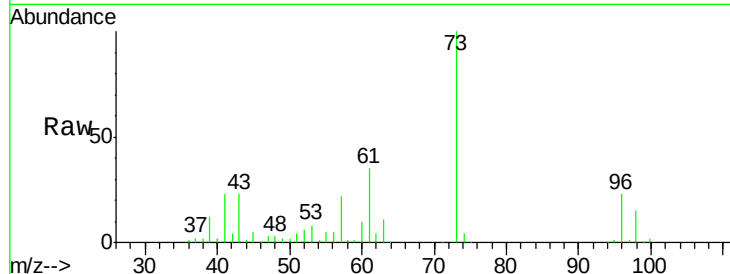


#21

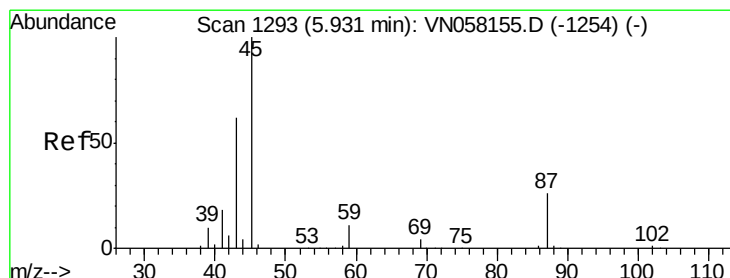
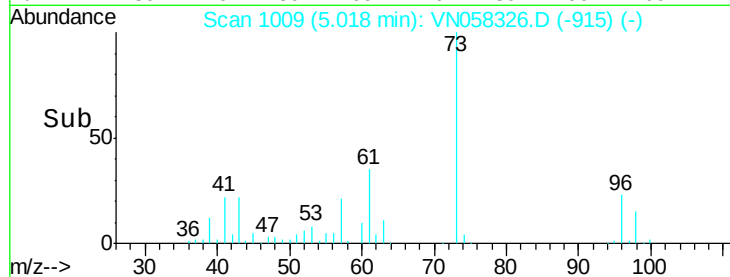
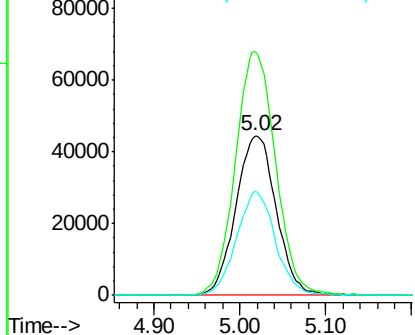
trans-1,2-Dichloroethene
Concen: 51.261 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 144902
Ion Ratio Lower Upper
96 100
61 152.9 122.2 183.4
98 65.4 49.9 74.9



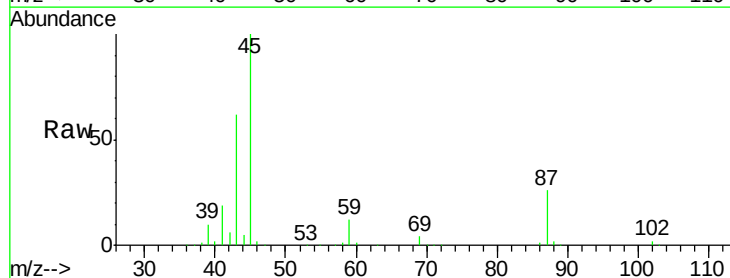
Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO



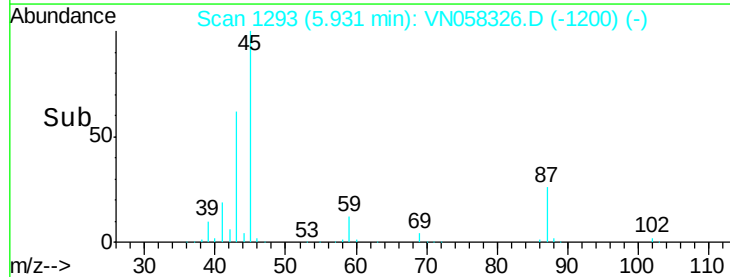
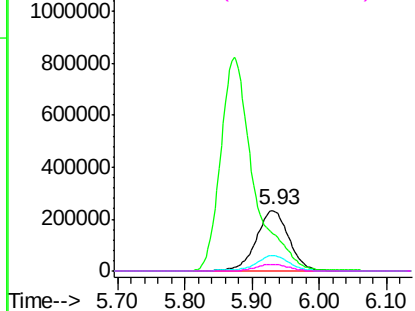
#22

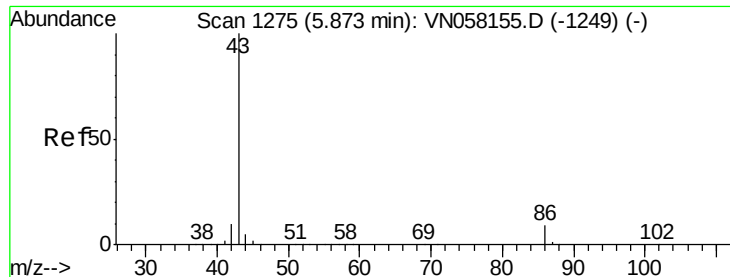
Diisopropyl ether
Concen: 55.253 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion: 45 Resp: 785221
Ion Ratio Lower Upper
45 100
43 62.1 49.7 74.5
87 25.7 20.7 31.1
59 11.6 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 87.00 (86.70 to 87.70): VNO
Ion 59.00 (58.70 to 59.70): VNO

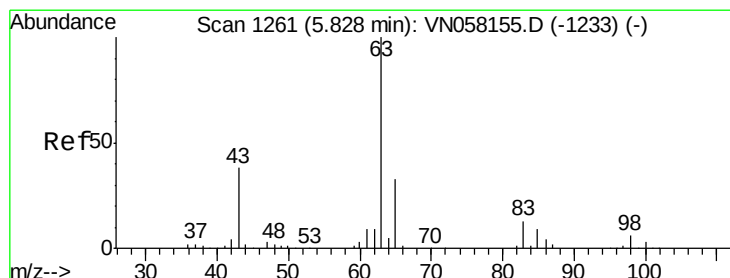
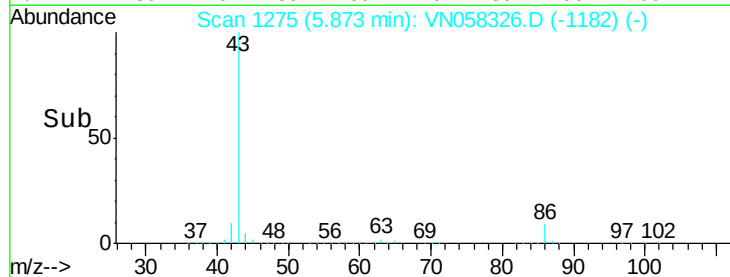
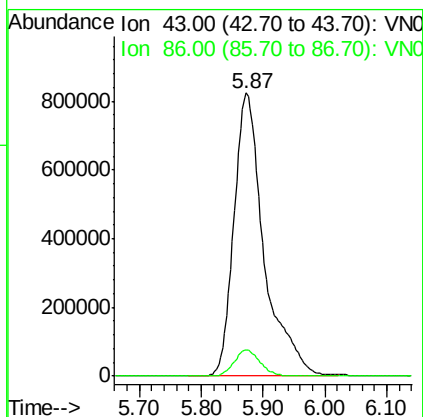
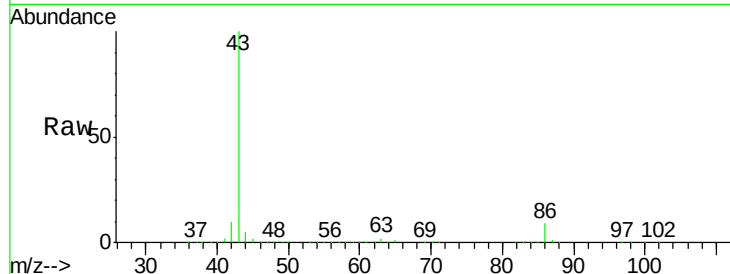




#23
 Vinyl Acetate
 Concen: 286.966 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

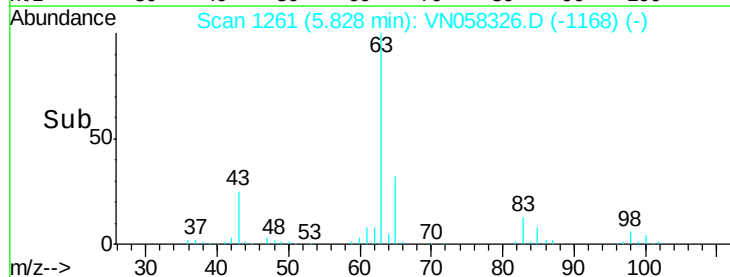
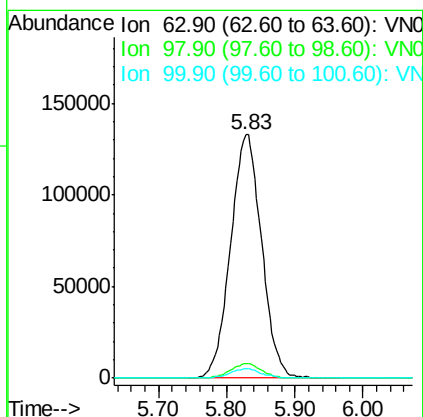
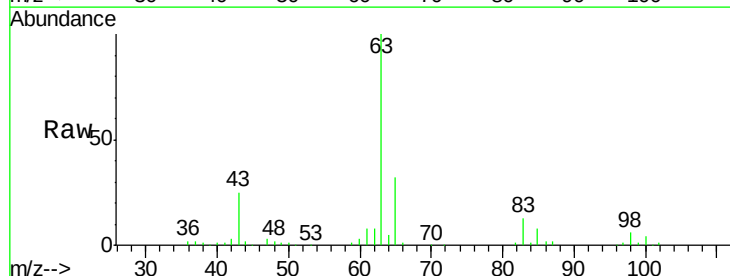
Instrument :
 MSVOA_N
 ClientSampleId :

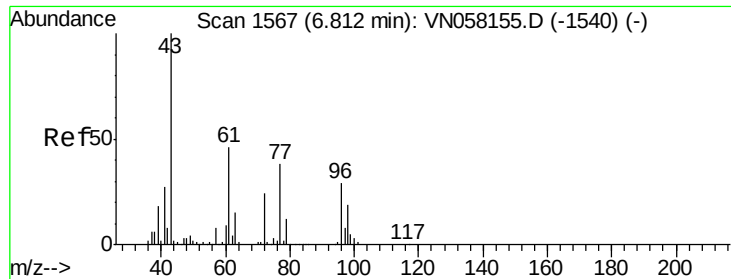
Tot Ion: 43 Resp: 2790545
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.4 11.2



#24
 1,1-Dichloroethane
 Concen: 55.349 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 63 Resp: 419822
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.6
 100 3.8 1.8 5.3





#25

2-Butanone

Concen: 285.515 ug/l

RT: 6.82 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

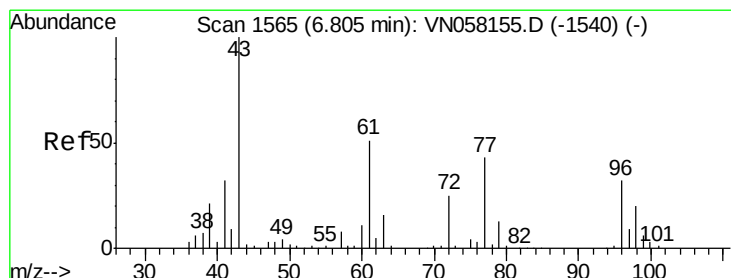
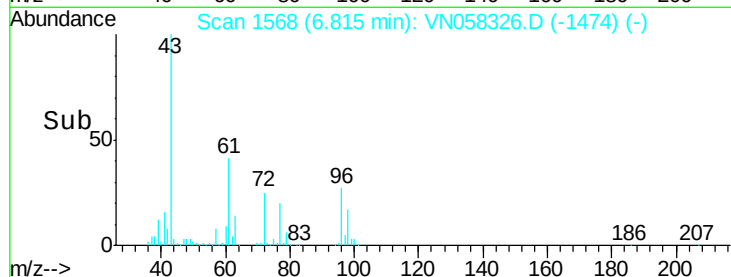
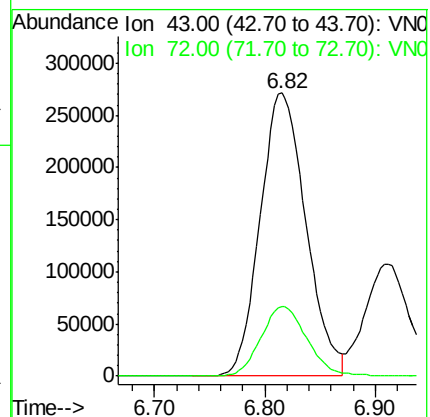
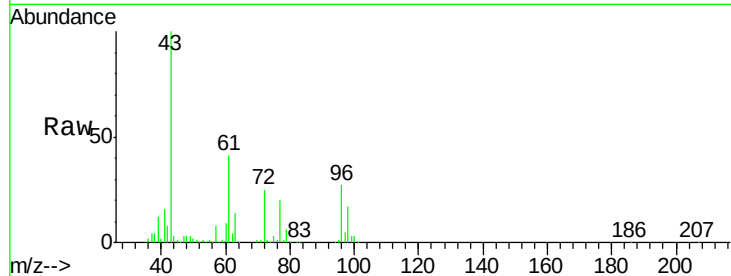
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 777747

Ion Ratio Lower Upper

43 100

72 24.6 19.5 29.3



#26

2,2-Dichloropropane

Concen: 30.425 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN058326.D

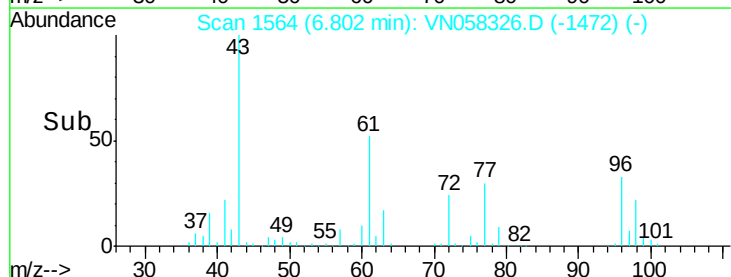
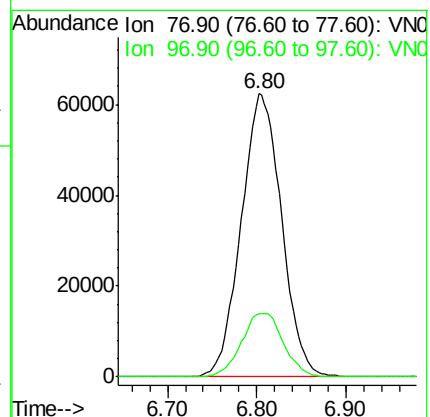
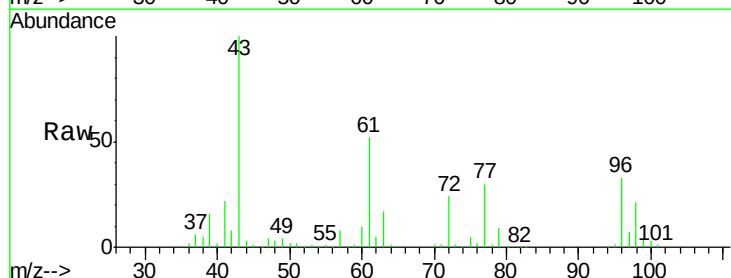
Acq: 24 Sep 2019 4:27

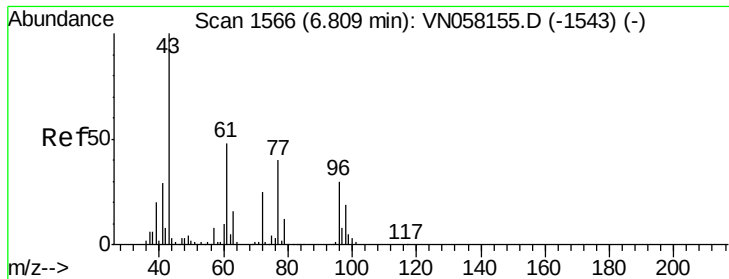
Tgt Ion: 77 Resp: 195780

Ion Ratio Lower Upper

77 100

97 23.3 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 51.100 ug/l

RT: 6.81 min Scan# 1566

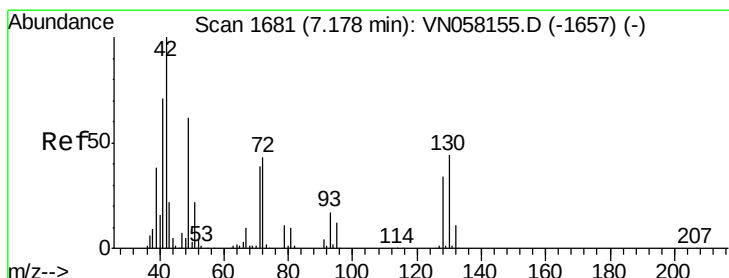
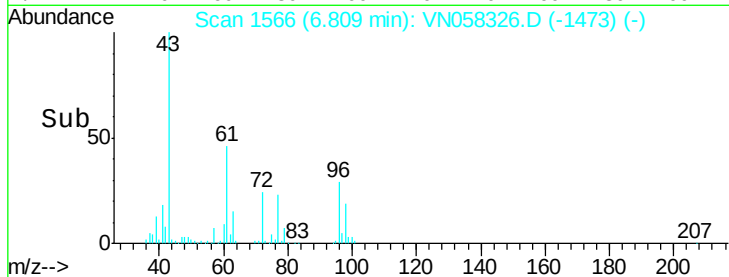
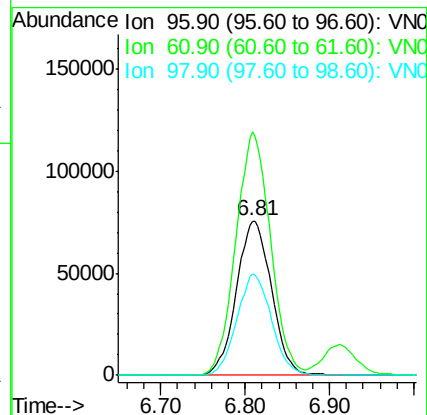
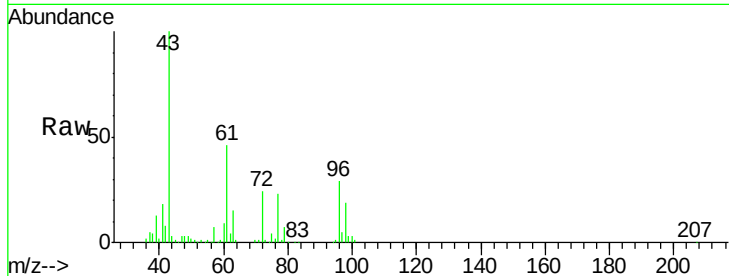
Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	96	Resp	219157
Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	319.0
98	64.6	0.0	126.6



#28

Bromochloromethane

Concen: 58.327 ug/l

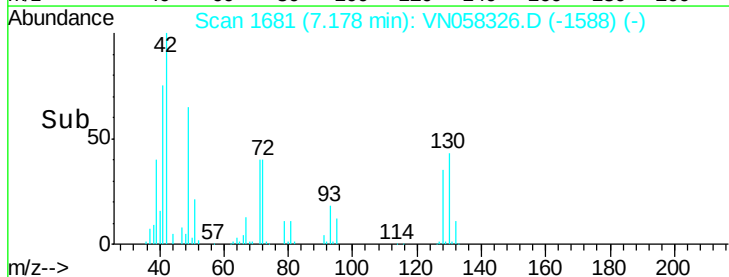
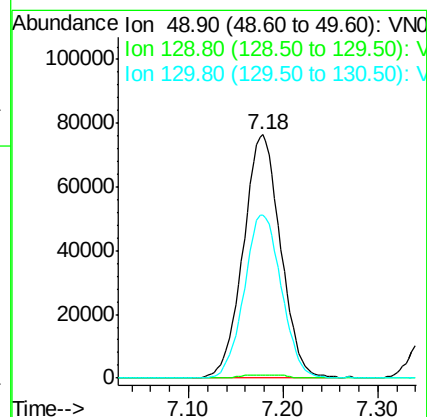
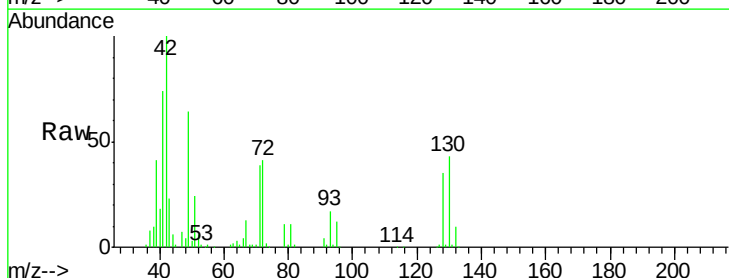
RT: 7.18 min Scan# 1681

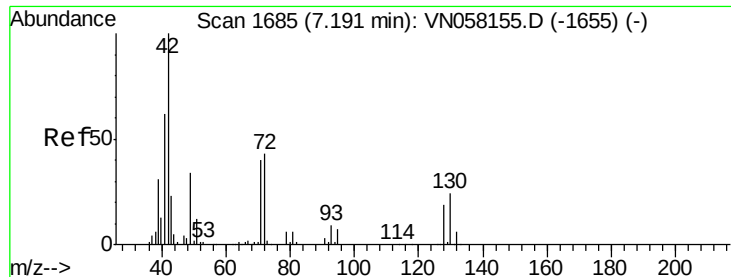
Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Tgt Ion	49	Resp	209284
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	1.8
130	66.8	55.4	83.2

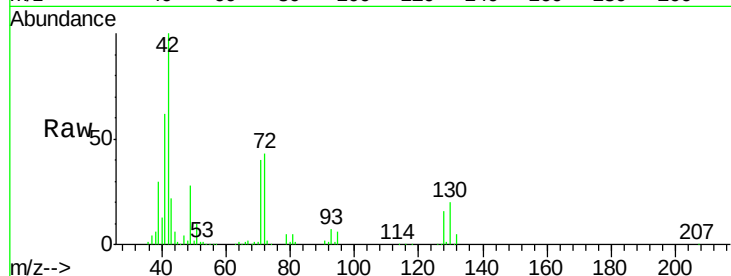




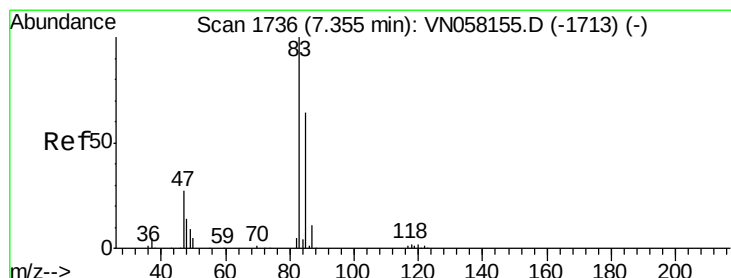
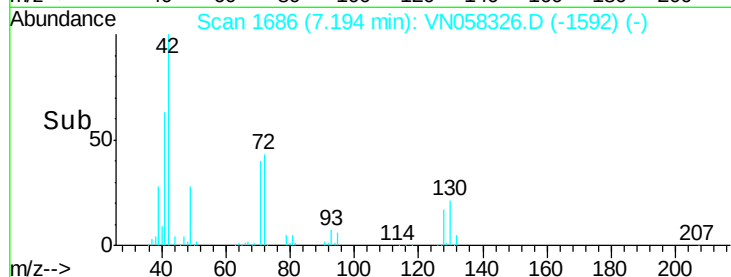
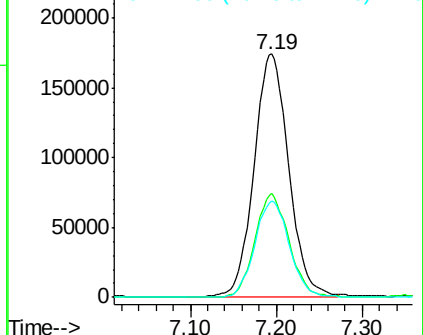
#29
Tetrahydrofuran
Concen: 290.989 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 488257
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.6 31.4 47.0

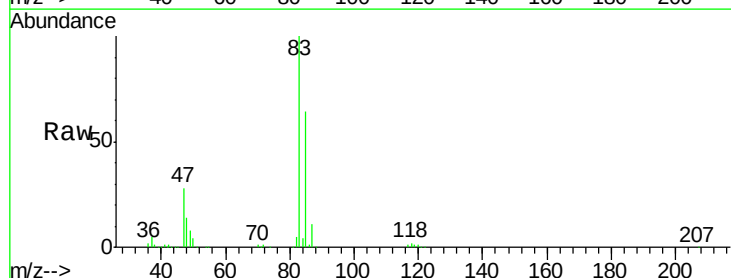


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

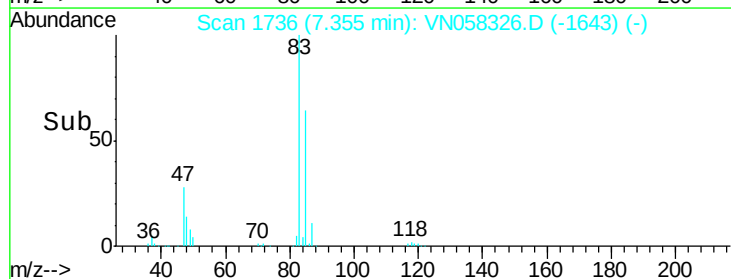
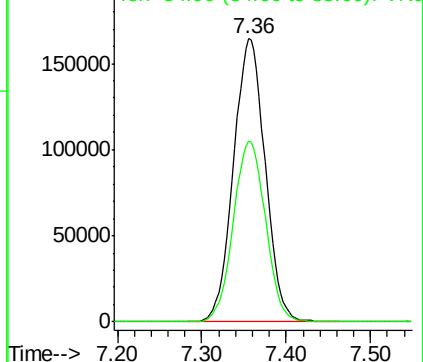


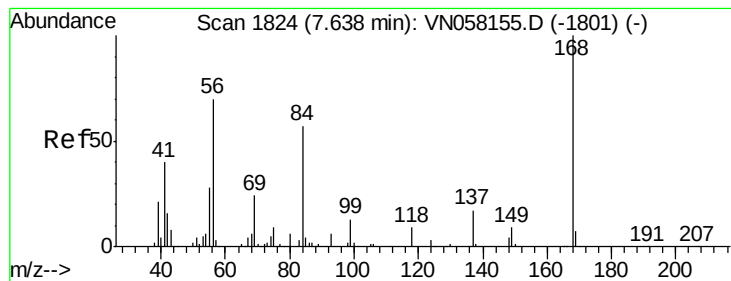
#30
Chloroform
Concen: 52.741 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion: 83 Resp: 430602
Ion Ratio Lower Upper
83 100
85 63.8 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: 42.296 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

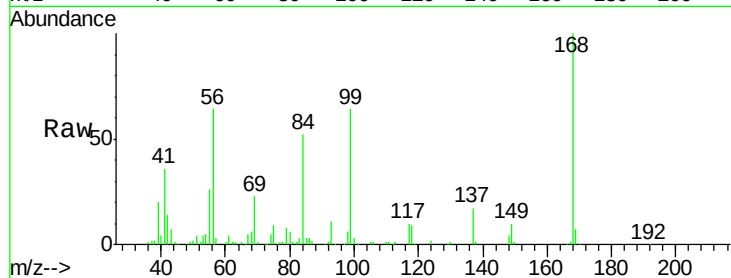
Tot Ion: 56 Resp: 209197

Ion Ratio Lower Upper

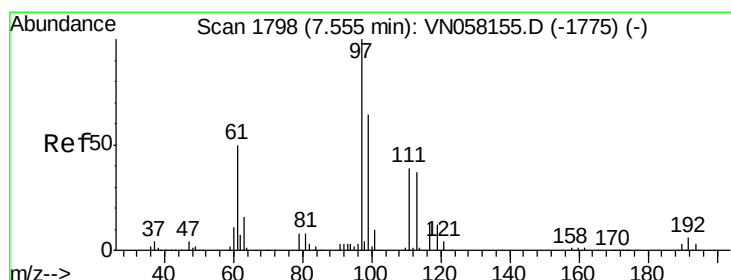
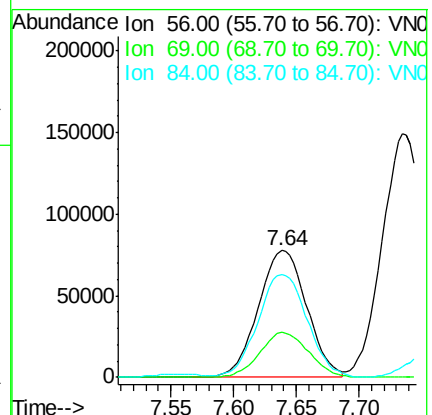
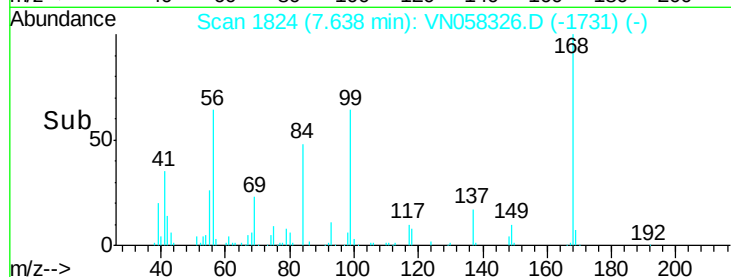
56 100

69 35.6 27.3 40.9

84 79.3 65.0 97.4



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.856 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

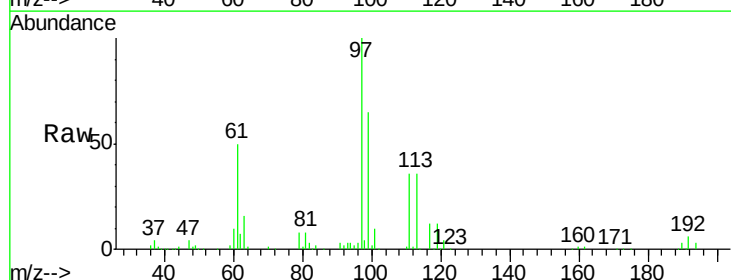
Tgt Ion: 97 Resp: 328524

Ion Ratio Lower Upper

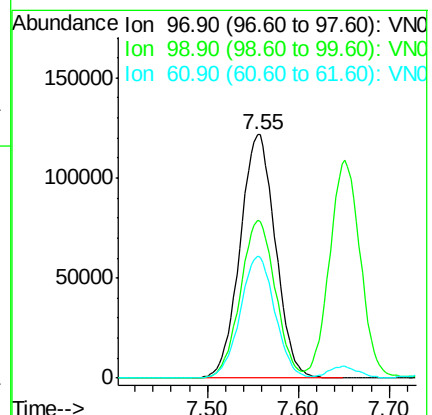
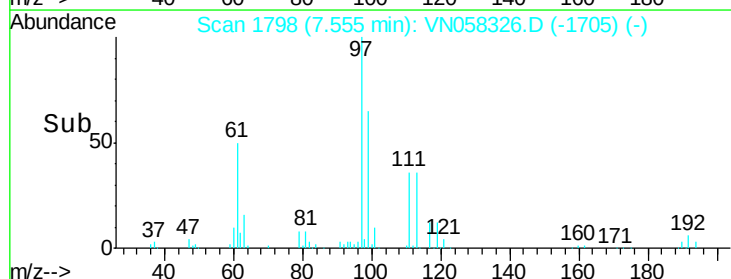
97 100

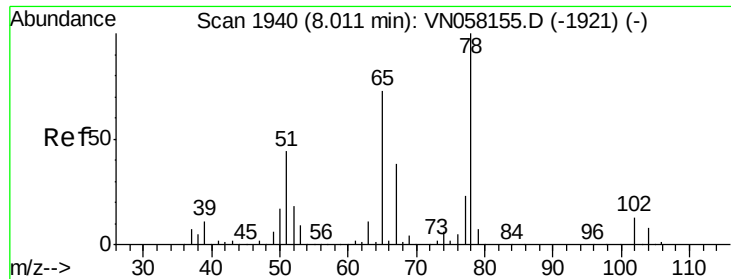
99 63.9 50.9 76.3

61 49.3 39.2 58.8



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 57.465 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

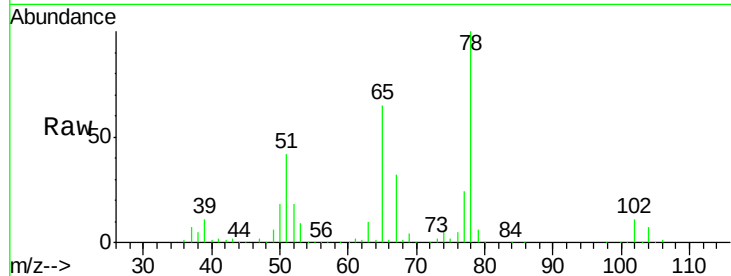
ClientSampleId :

Tot Ion: 65 Resp: 338492

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN058155.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058155.D (-1921) (-)

8.01

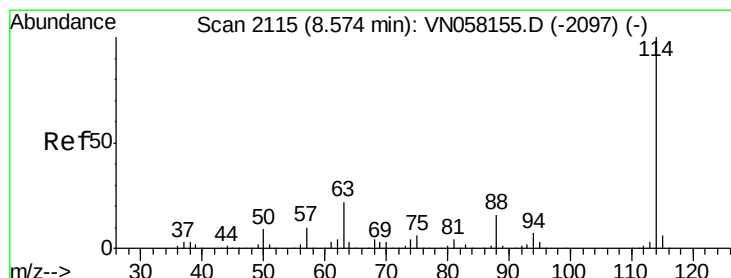
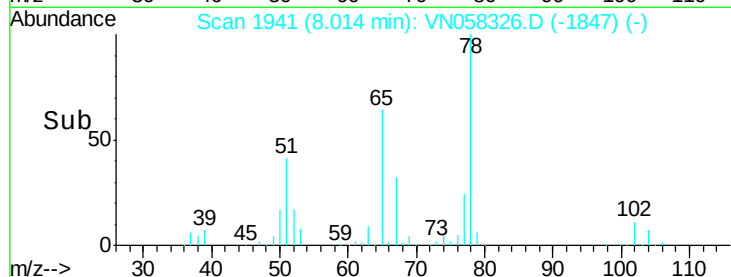
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

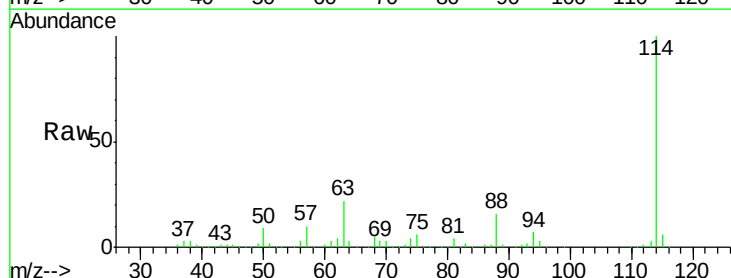
Tgt Ion: 114 Resp: 753198

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN058155.D (-2097) (-)

Ion 63.00 (62.70 to 63.70): VN058155.D (-2097) (-)

Ion 87.90 (87.60 to 88.60): VN058155.D (-2097) (-)

8.57

500000

400000

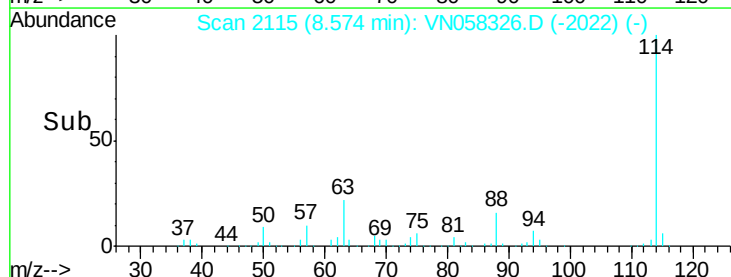
300000

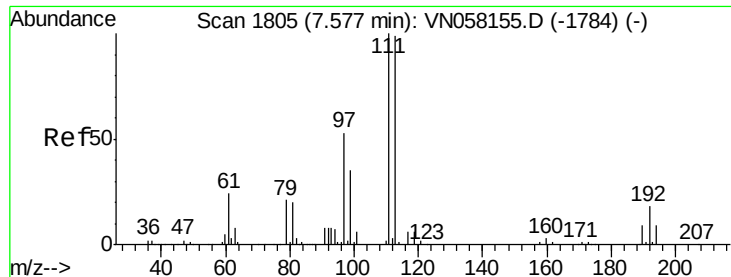
200000

100000

0

Time-->

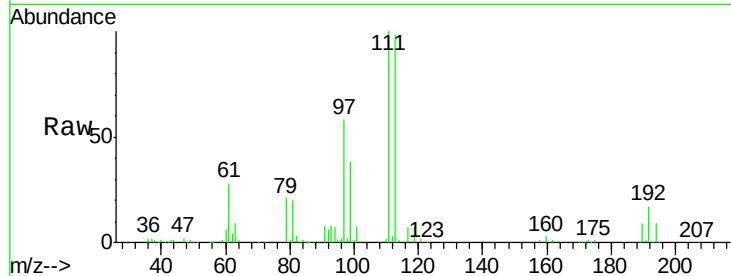




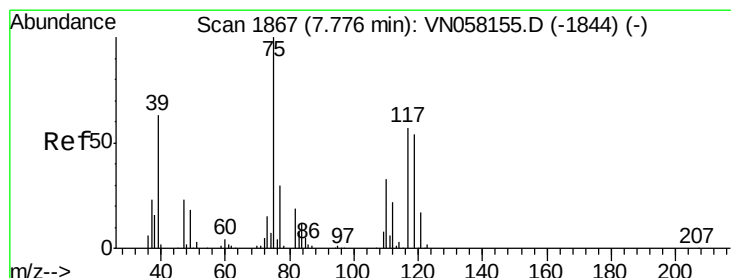
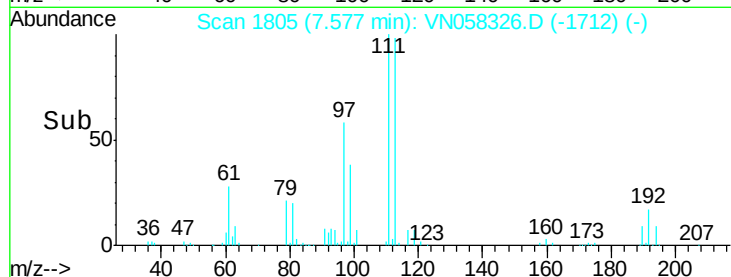
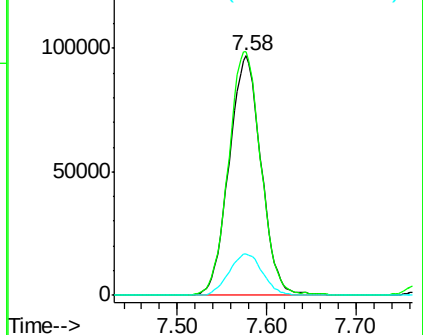
#35
 Dibromofluoromethane
 Concen: 52.912 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.6
192	18.1	14.5	21.7

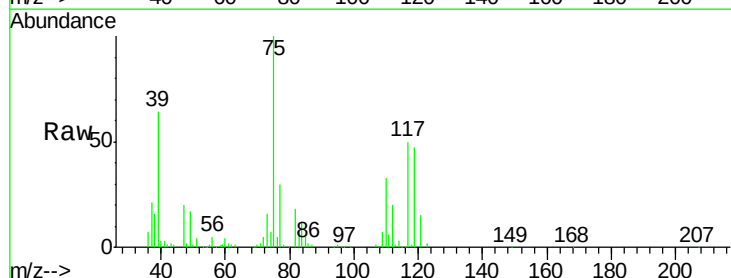


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

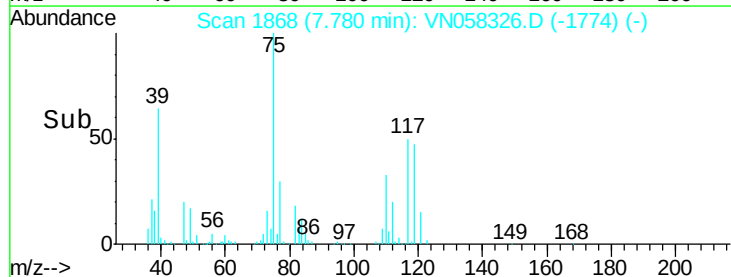
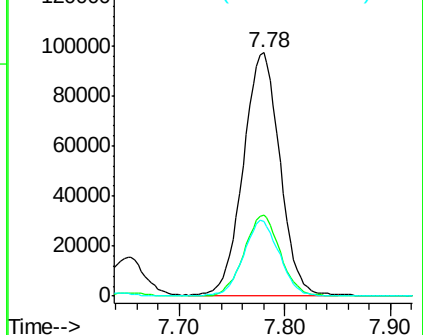


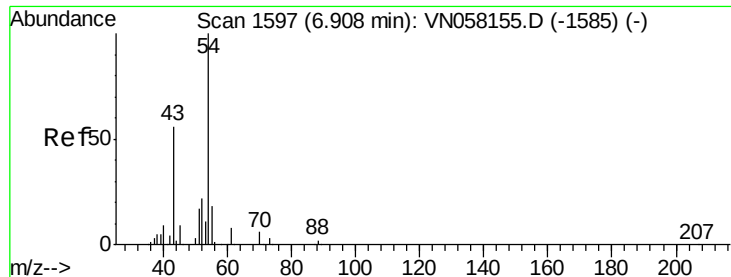
#36
 1,1-Dichloropropene
 Concen: 43.114 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.0	16.6	49.7
77	30.7	24.3	36.5



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

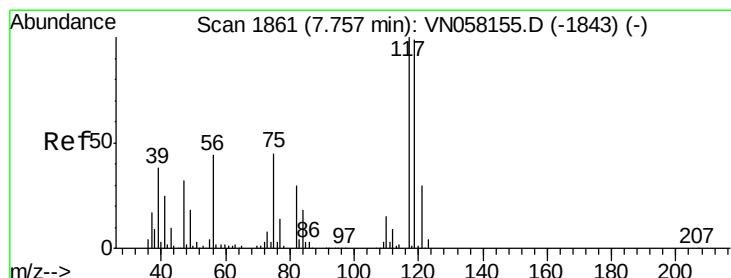
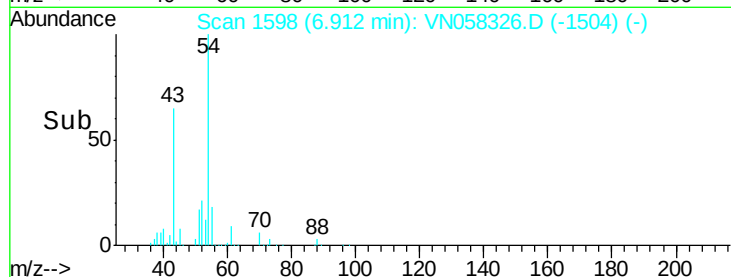
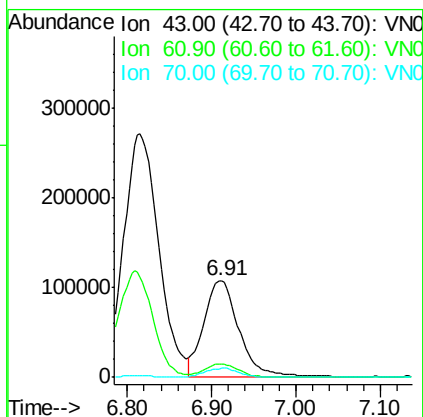
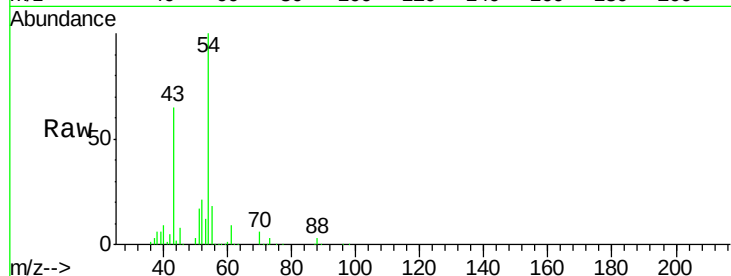




#37
Ethyl Acetate
Concen: 54.536 ug/l
RT: 6.91 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

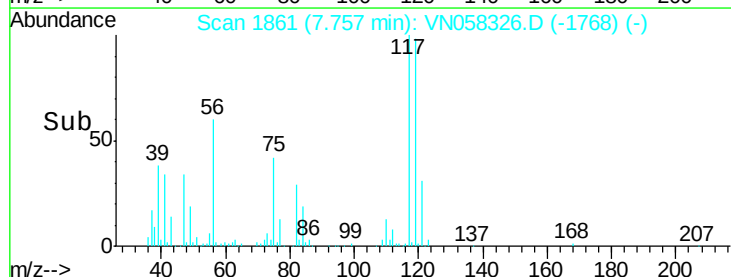
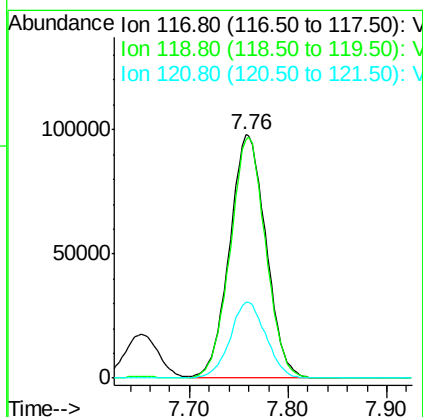
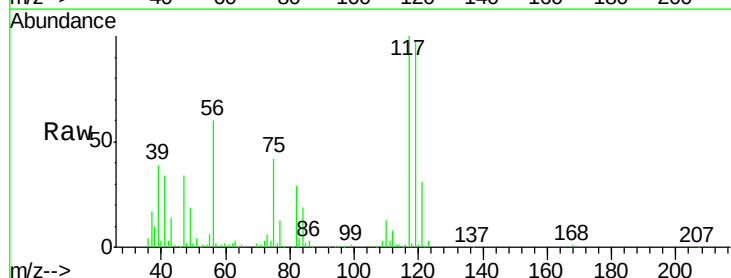
Instrument :
MSVOA_N
ClientSampleId :

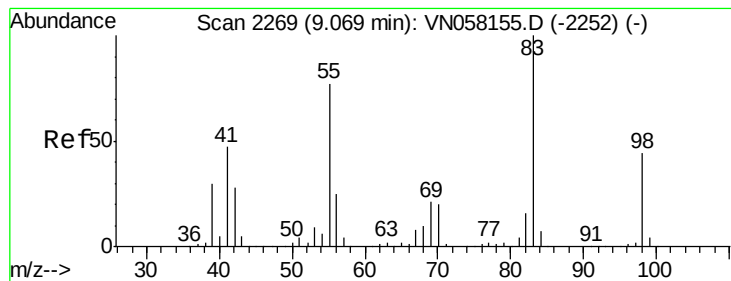
Tot Ion: 43 Resp: 307411
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 46.080 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion: 117 Resp: 251602
Ion Ratio Lower Upper
117 100
119 98.0 78.6 117.8
121 31.2 24.1 36.1

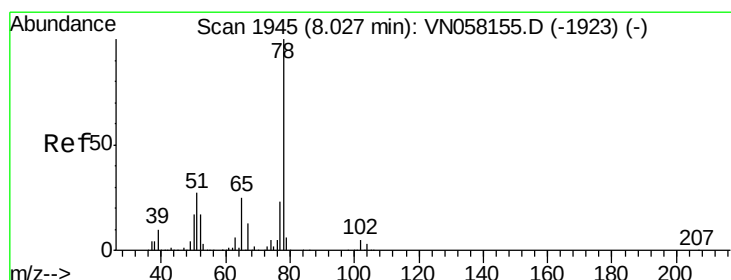
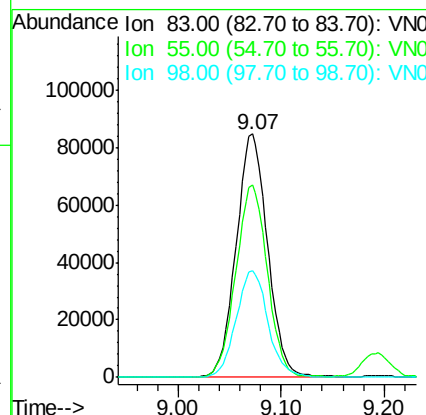
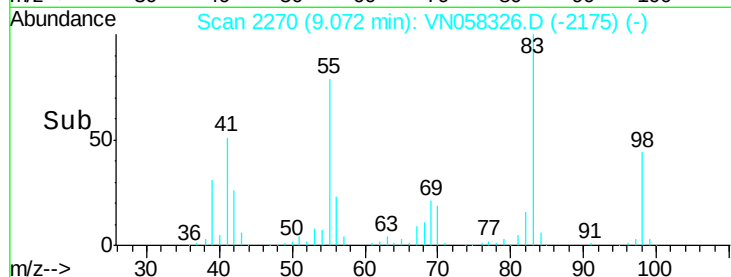
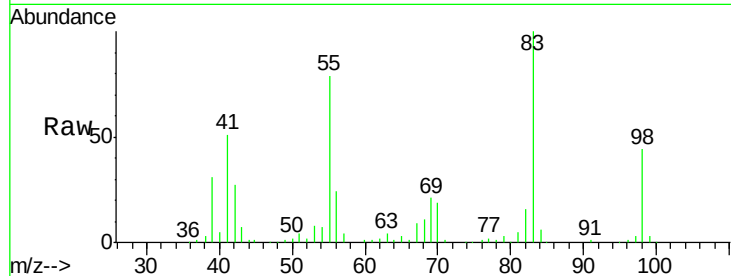




#39
Methylvlcyclohexane
Concen: 34.426 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

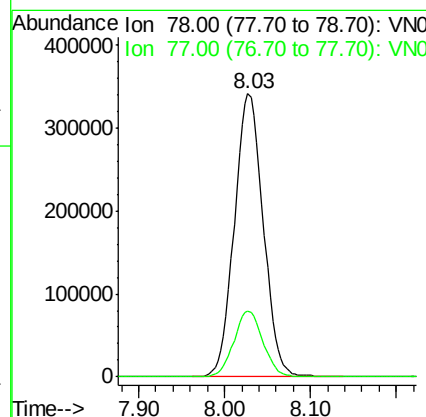
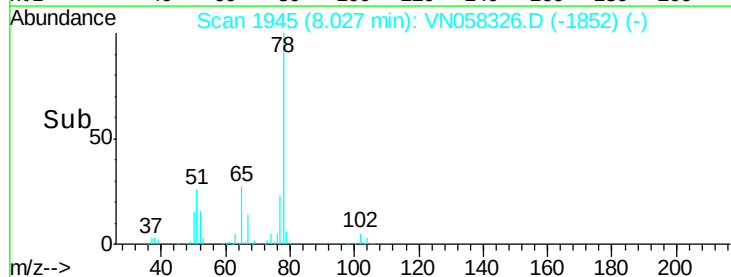
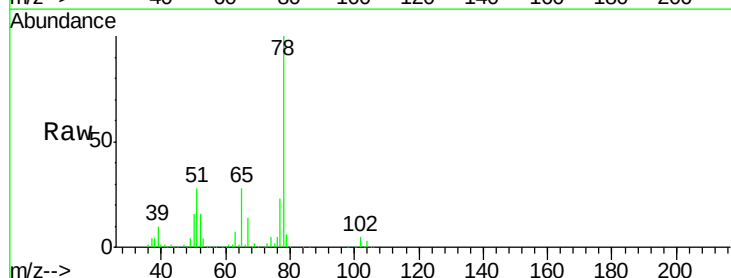
Instrument :
MSVOA_N
ClientSampled :

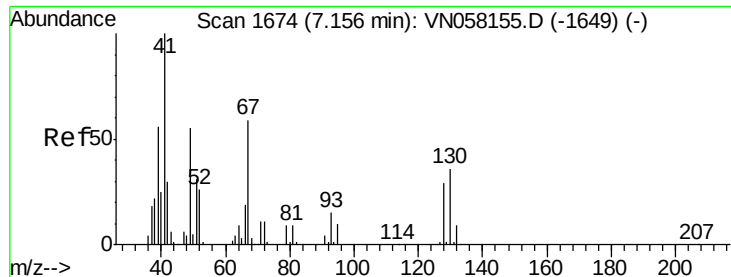
Tot Ion: 83 Resp: 180680
Ion Ratio Lower Upper
83 100
55 79.2 61.9 92.9
98 43.8 35.4 53.2



#40
Benzene
Concen: 47.862 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion: 78 Resp: 794043
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

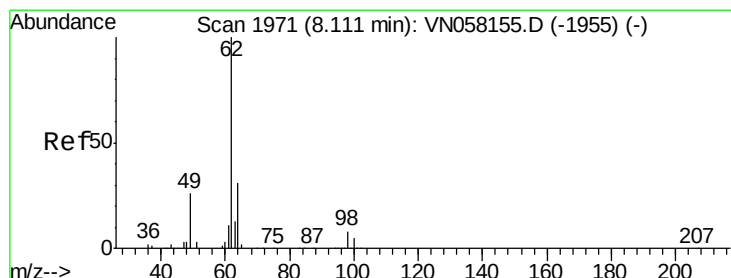
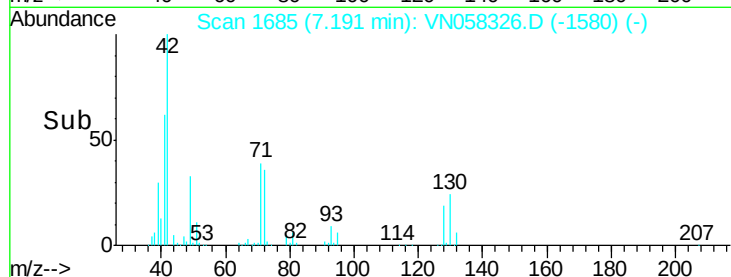
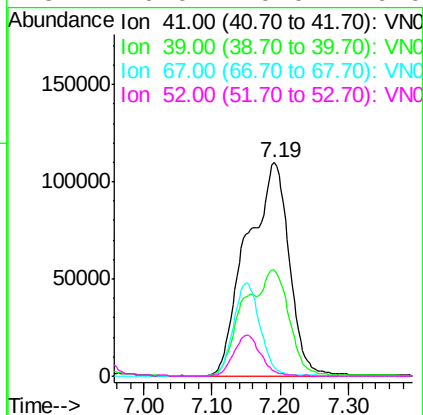
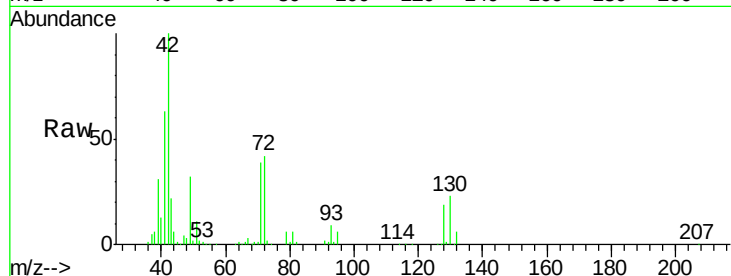




#41
Methacrylonitrile
Concen: 164.366 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.04 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

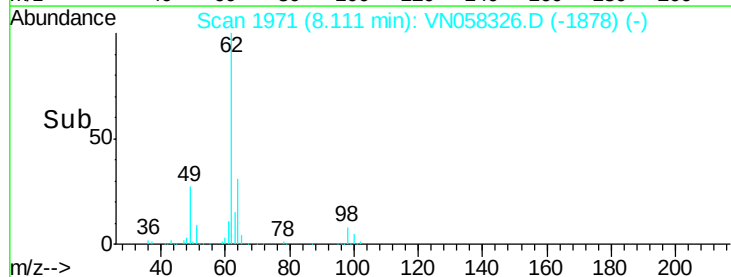
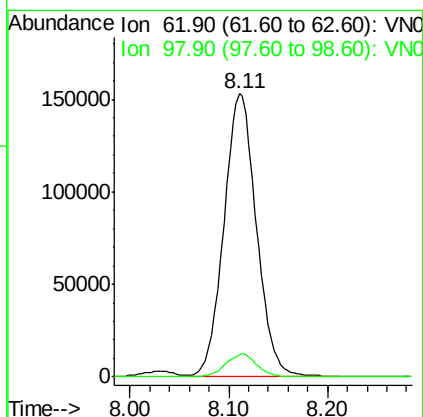
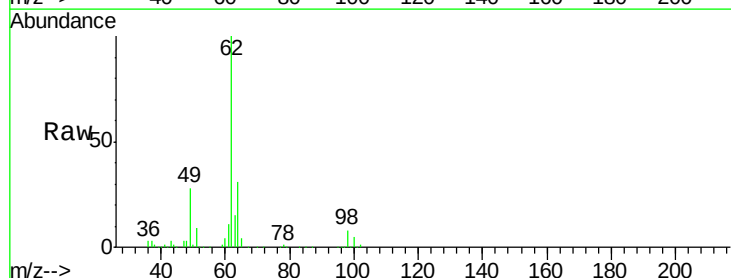
Instrument :
MSVOA_N
ClientSampled :

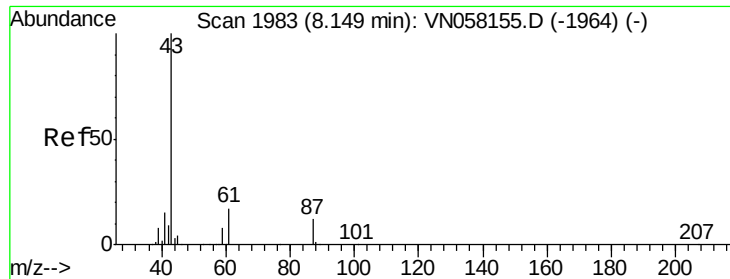
Tot Ion:	41	Resp:	472780
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 50.410 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion:	62	Resp:	350924
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.6





#43

Isopropyl Acetate

Concen: 53.698 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

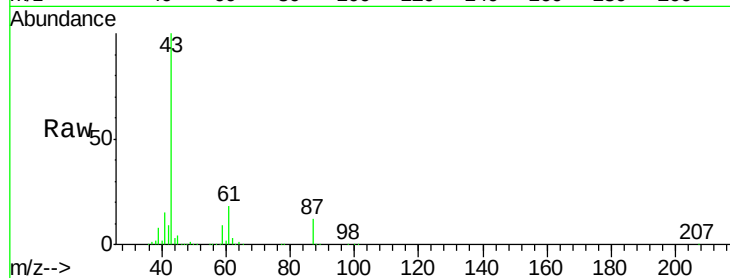
Tot Ion: 43 Resp: 565306

Ion Ratio Lower Upper

43 100

61 24.0 19.7 29.5

87 11.2 9.4 14.2

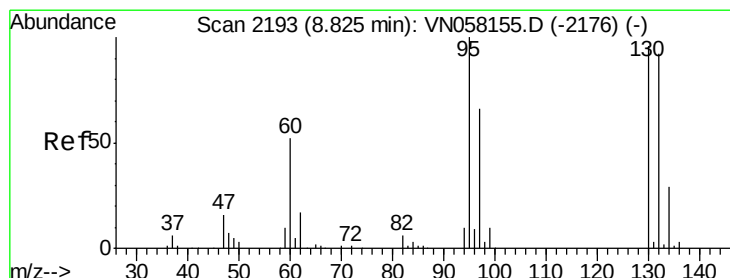
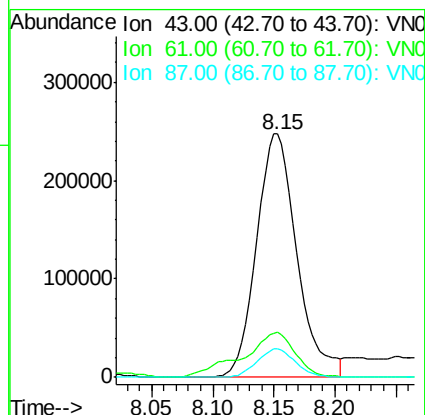
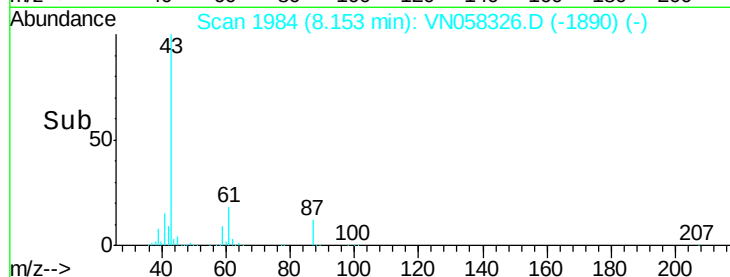


Abundance Ion 43.00 (42.70 to 43.70): VN058155.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN058155.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN058155.D (-1964) (-)

Time-->



#44

Trichloroethene

Concen: 46.242 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058326.D

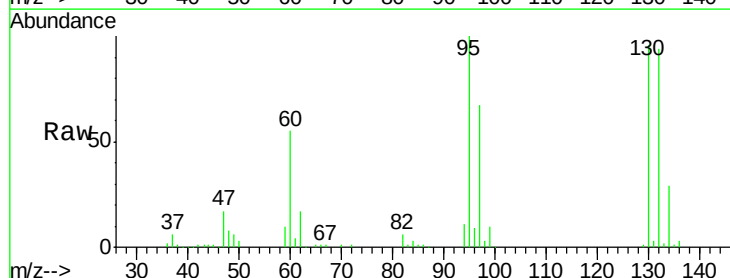
Acq: 24 Sep 2019 4:27

Tgt Ion: 130 Resp: 187735

Ion Ratio Lower Upper

130 100

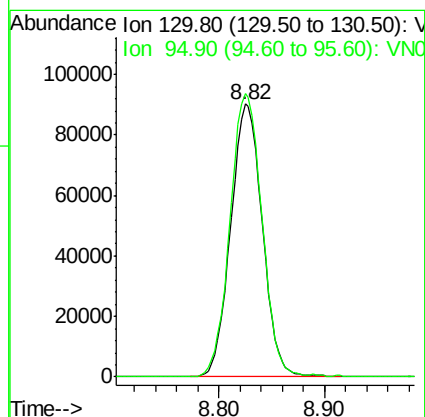
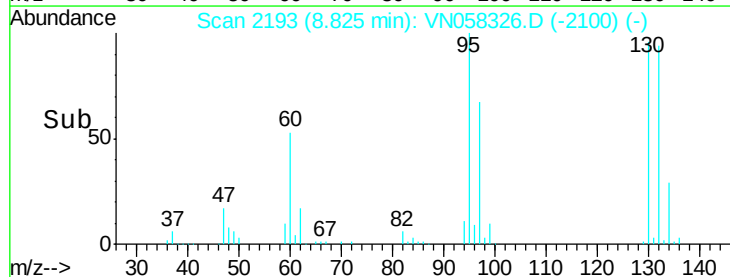
95 103.6 0.0 207.8

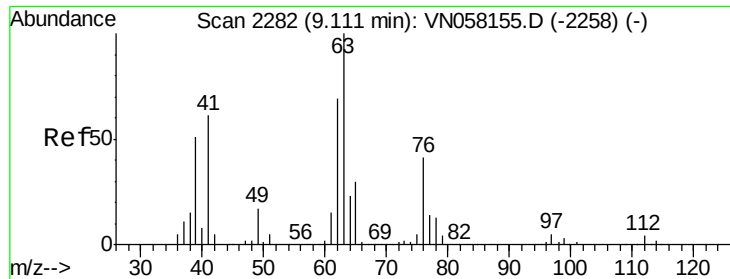


Abundance Ion 129.80 (129.50 to 130.50): VN058155.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058155.D (-2176) (-)

Time-->

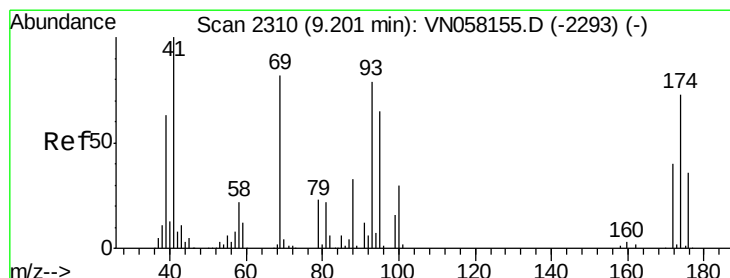
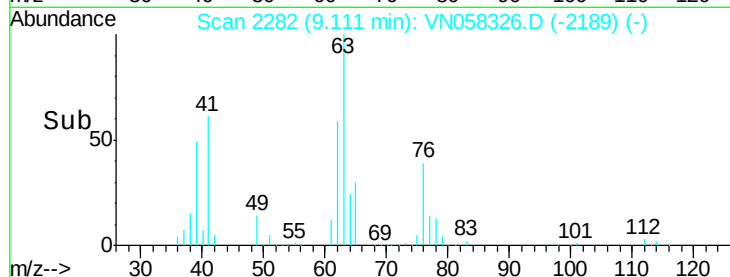
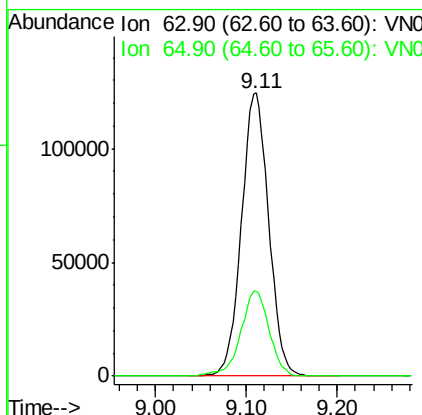
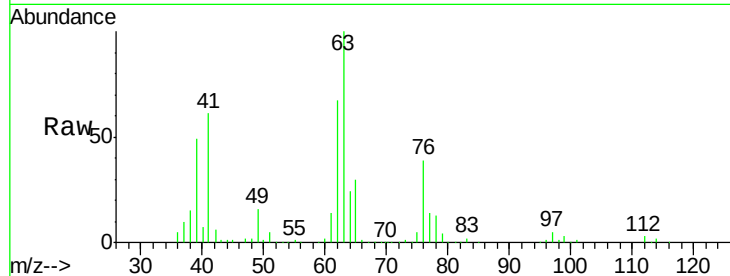




#45
 1,2-Dichloropropane
 Concen: 52.288 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

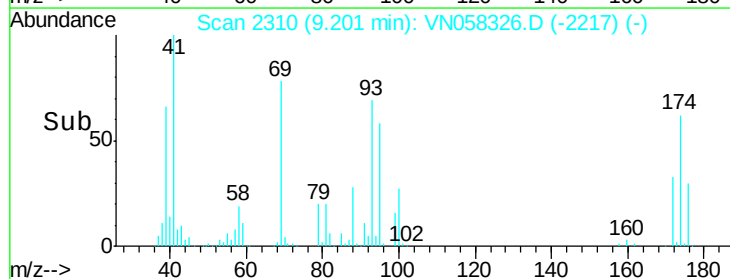
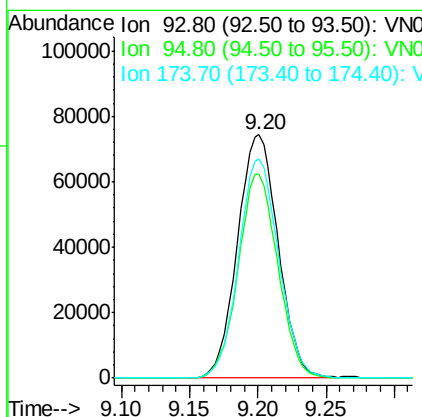
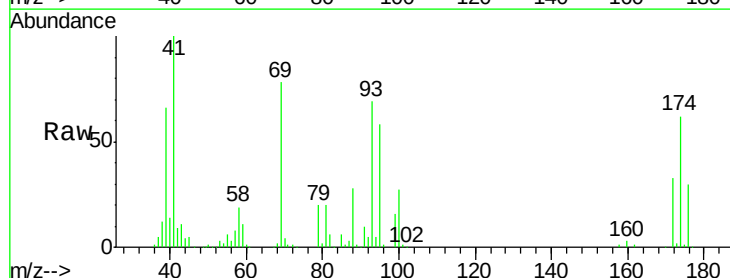
Instrument :
 MSVOA_N
 ClientSampled :

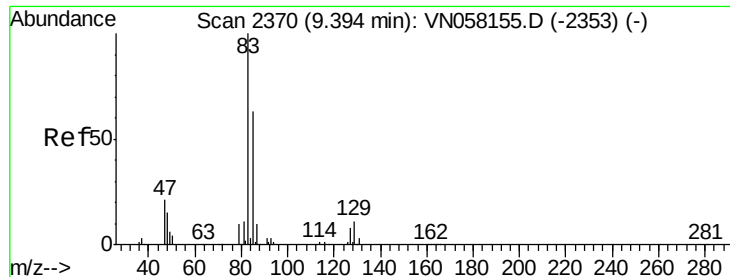
Tot Ion: 63 Resp: 259058
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6



#46
 Dibromomethane
 Concen: 51.118 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 93 Resp: 153979
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.8 100.2
 174 88.8 73.8 110.8





#47

Bromodichloromethane

Concen: 53.345 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

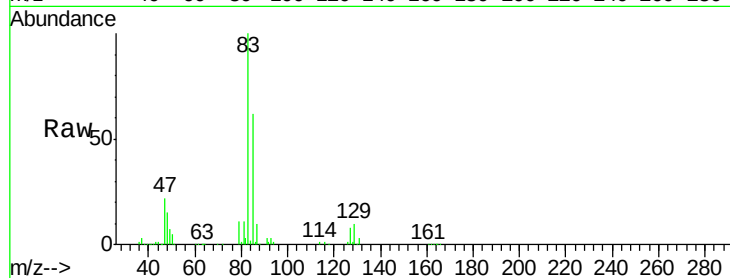
Tot Ion: 83 Resp: 336637

Ion Ratio Lower Upper

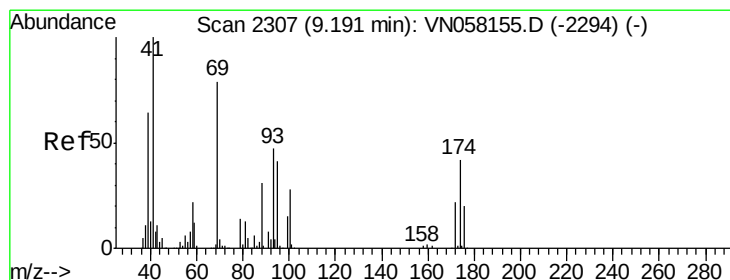
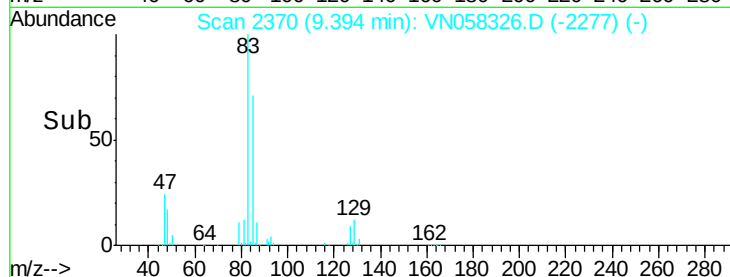
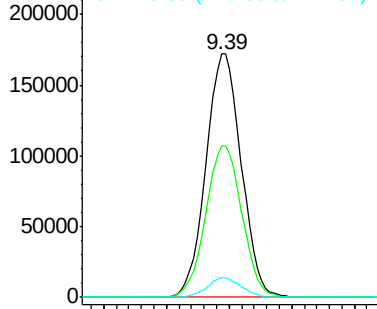
83 100

85 62.0 50.1 75.1

127 8.2 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.139 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

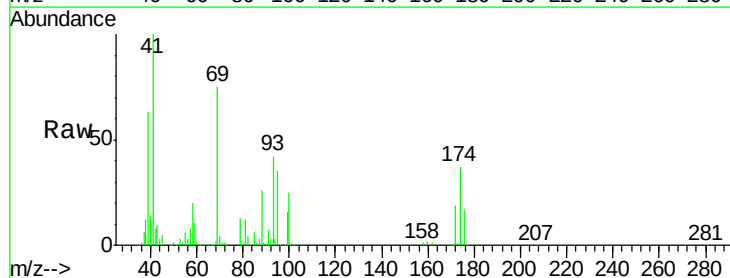
Tgt Ion: 41 Resp: 268341

Ion Ratio Lower Upper

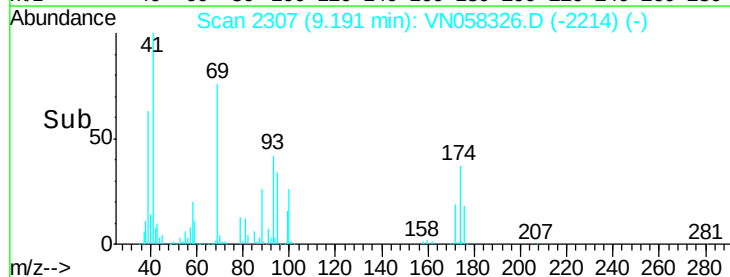
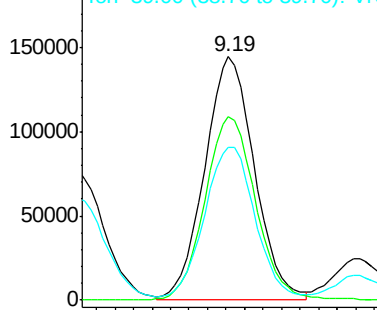
41 100

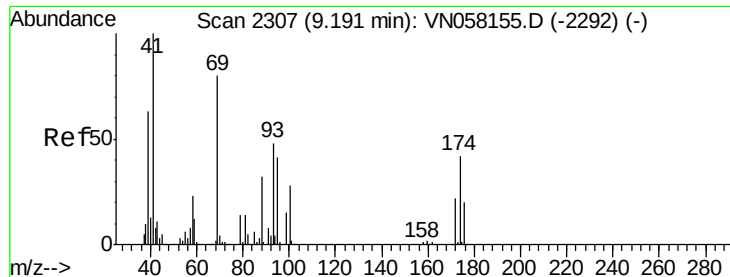
69 77.4 62.5 93.7

39 64.7 52.3 78.5



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

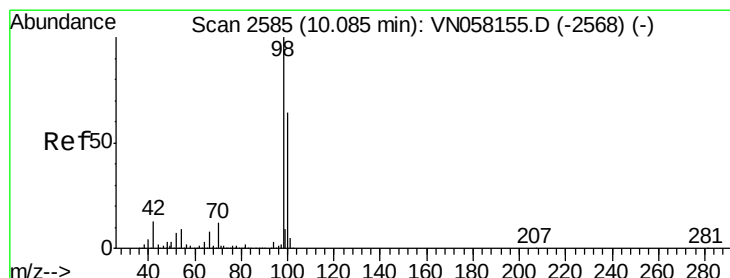
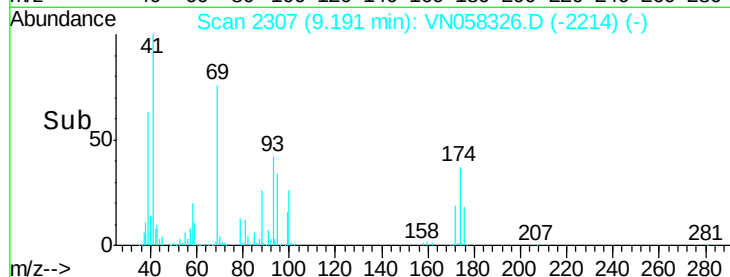
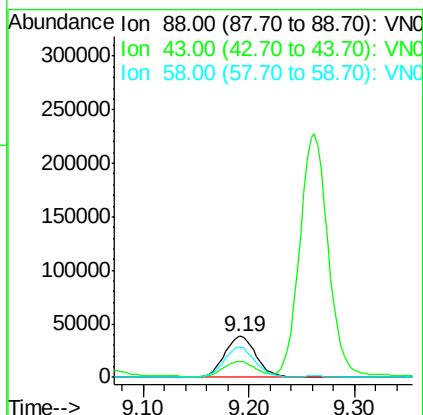
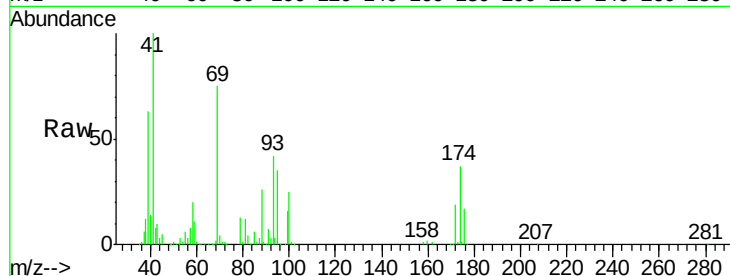




#49
 1,4-Dioxane
 Concen: 1014.254 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

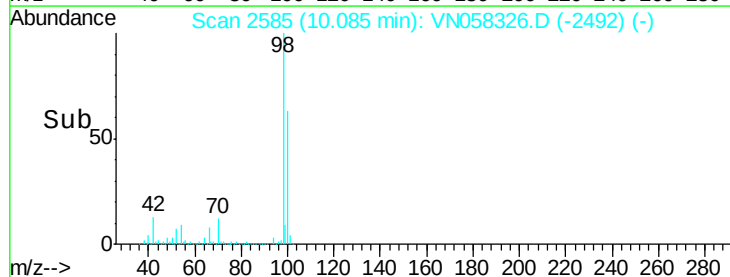
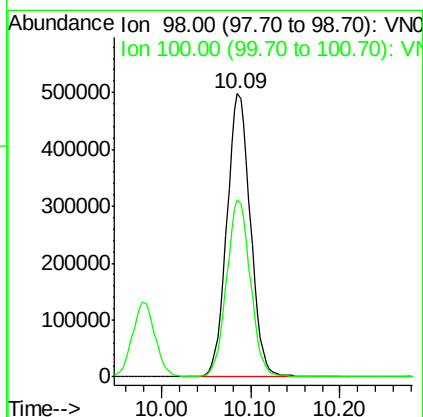
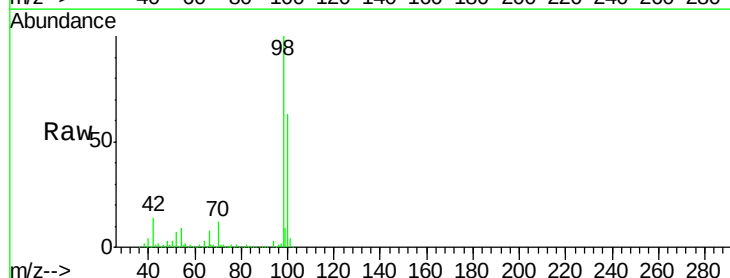
Instrument :
 MSVOA_N
 ClientSampled :

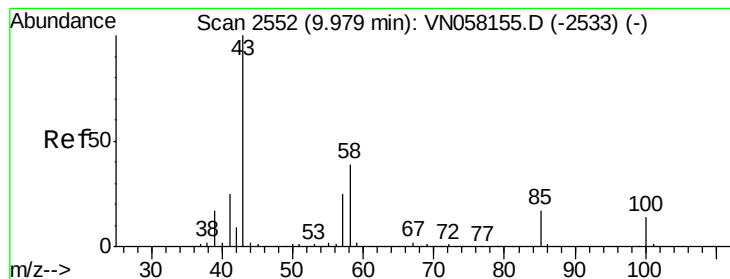
Tot Ion: 88 Resp: 79596
 Ion Ratio Lower Upper
 88 100
 43 37.2 27.8 41.8
 58 71.8 55.0 82.4



#50
 Toluene-d8
 Concen: 51.065 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 98 Resp: 910995
 Ion Ratio Lower Upper
 98 100
 100 63.2 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 316.468 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

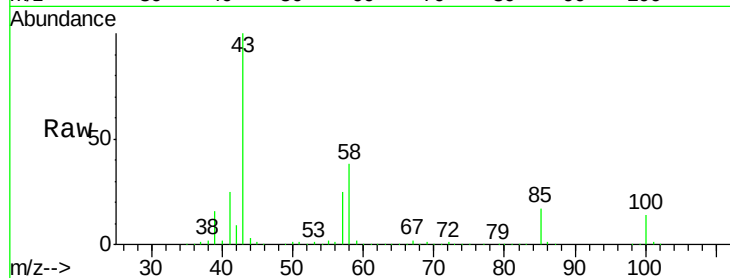
ClientSampled :

Tot Ion: 43 Resp: 1769606

Ion Ratio Lower Upper

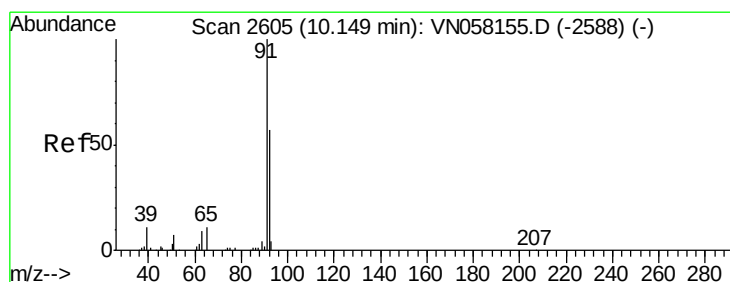
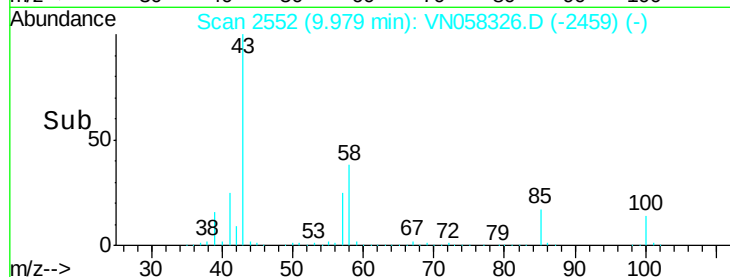
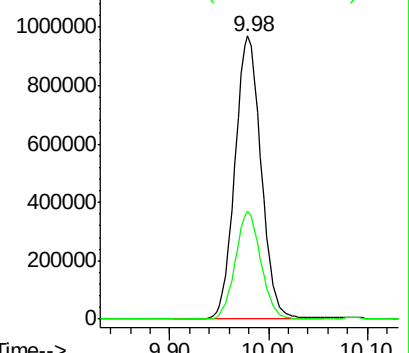
43 100

58 37.2 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.874 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058326.D

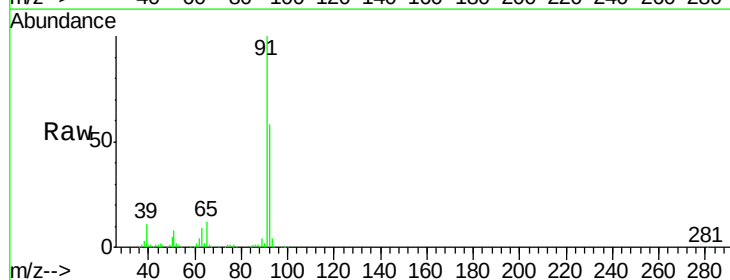
Acq: 24 Sep 2019 4:27

Tgt Ion: 92 Resp: 497755

Ion Ratio Lower Upper

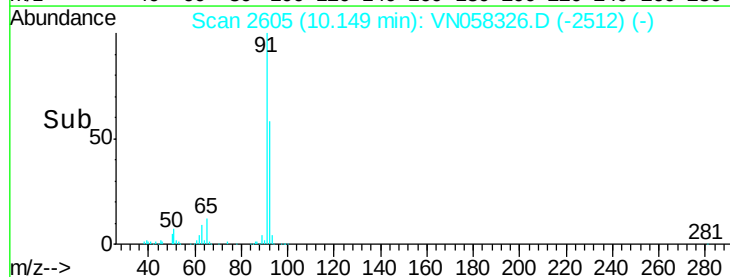
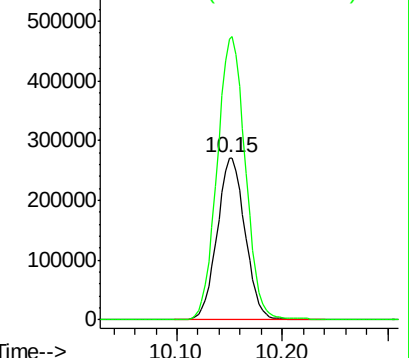
92 100

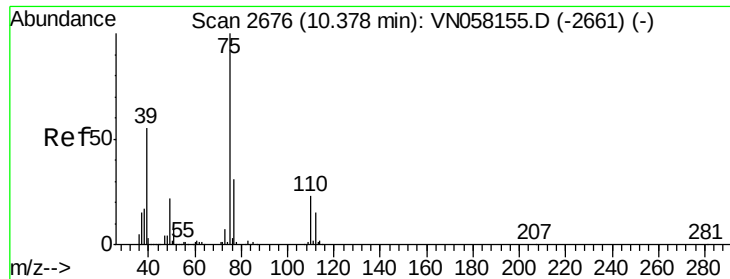
91 177.0 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 50.275 ug/l

RT: 10.38 min Scan# 2676

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

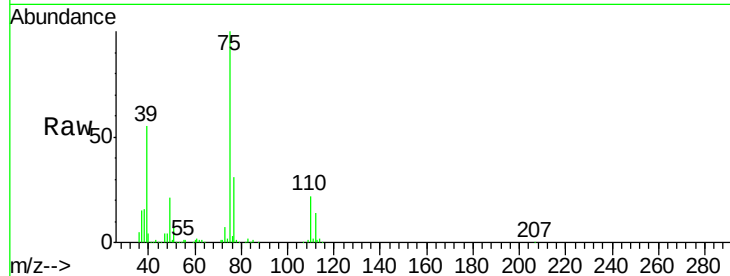
ClientSampleId :

Tot Ion: 75 Resp: 324990

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

200000

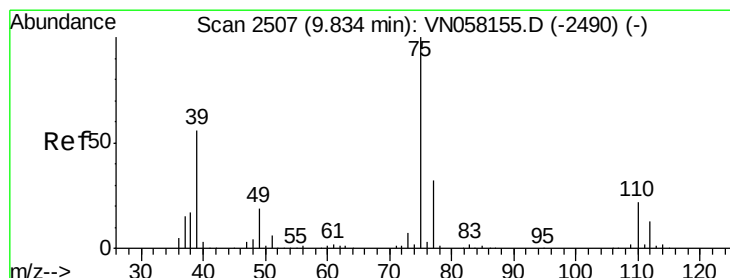
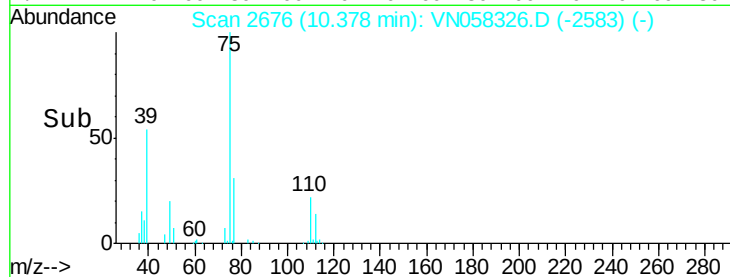
150000

100000

50000

0

Time--> 10.30 10.40 10.50



#54

cis-1,3-Dichloropropene

Concen: 48.384 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

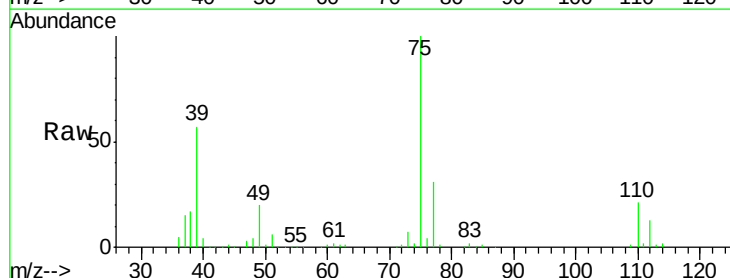
Tgt Ion: 75 Resp: 345310

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 57.1 45.0 67.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

250000

200000

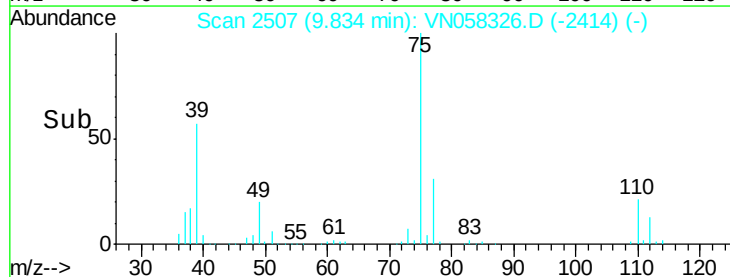
150000

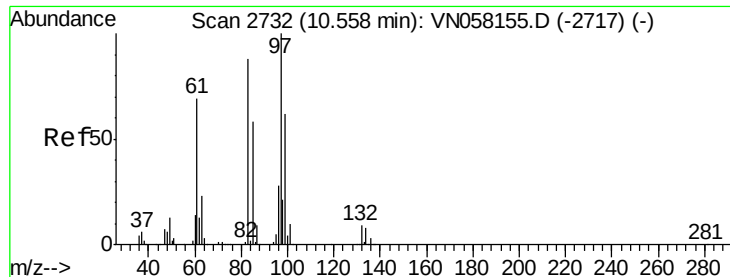
100000

50000

0

Time--> 9.75 9.80 9.85 9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 53.431 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 246532

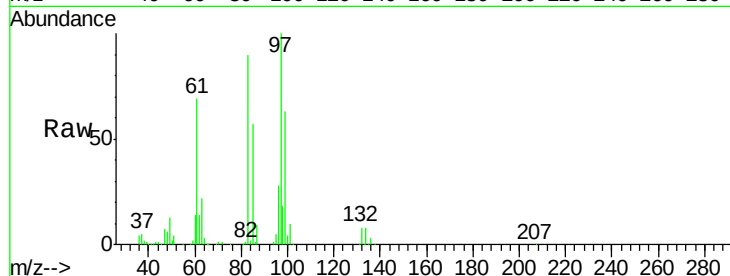
Ion Ratio Lower Upper

97 100

83 89.6 70.4 105.6

85 56.7 46.8 70.2

99 62.5 49.9 74.9

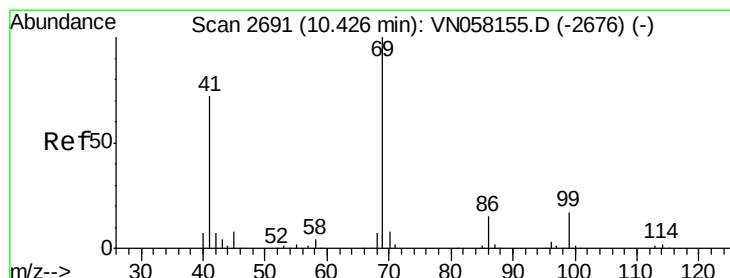
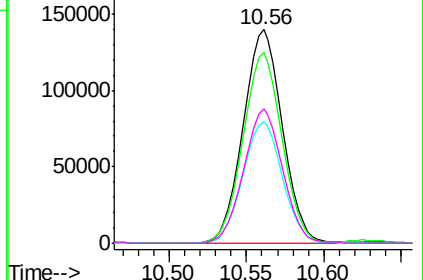
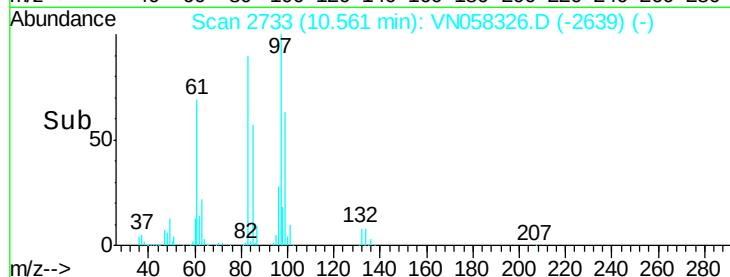


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 56.395 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

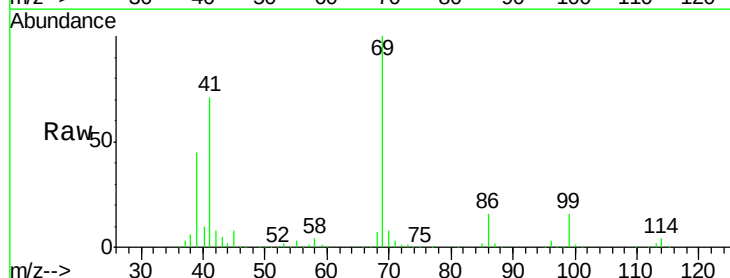
Tgt Ion: 69 Resp: 375435

Ion Ratio Lower Upper

69 100

41 70.4 57.5 86.3

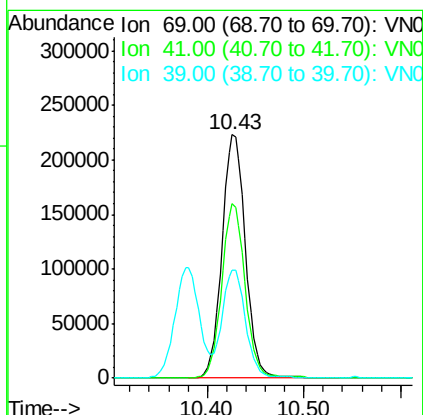
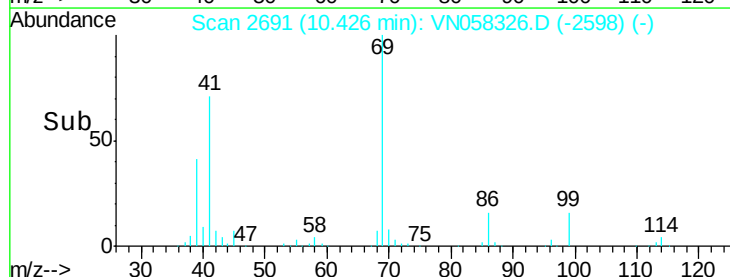
39 44.6 36.1 54.1

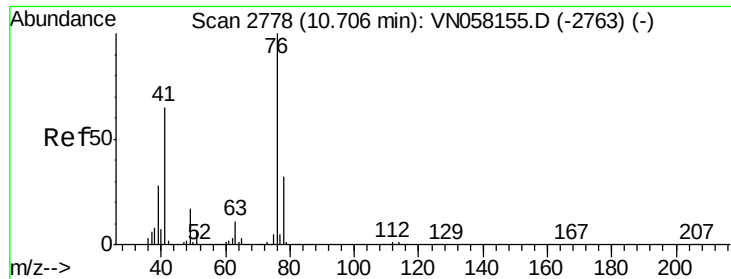


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.943 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

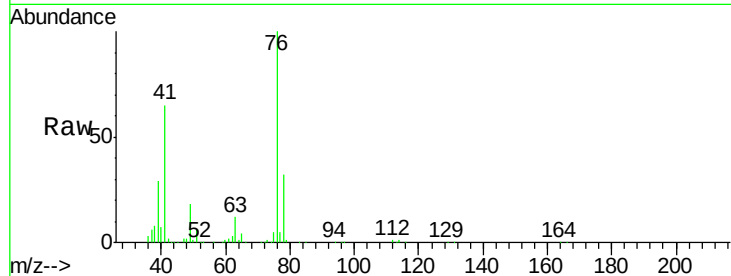
ClientSampled :

Tot Ion: 76 Resp: 412014

Ion Ratio Lower Upper

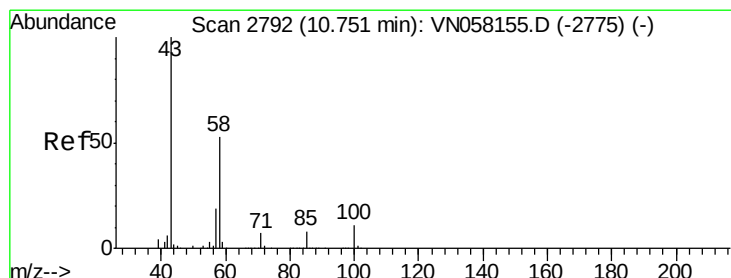
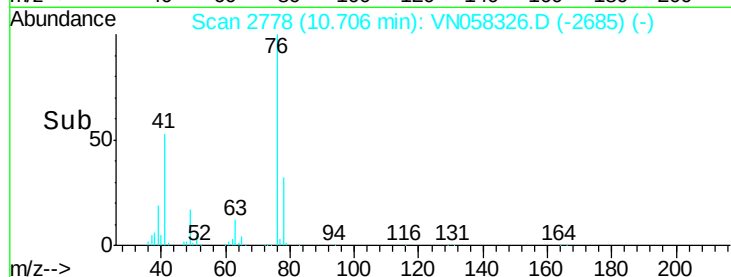
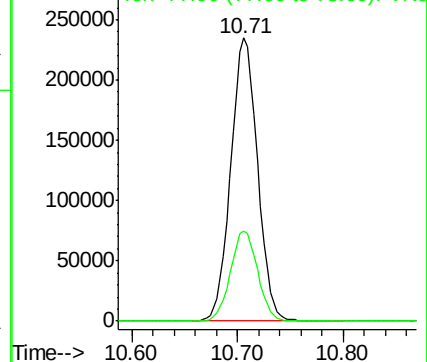
76 100

78 32.2 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 305.128 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. 0.00 min

Lab File: VN058326.D

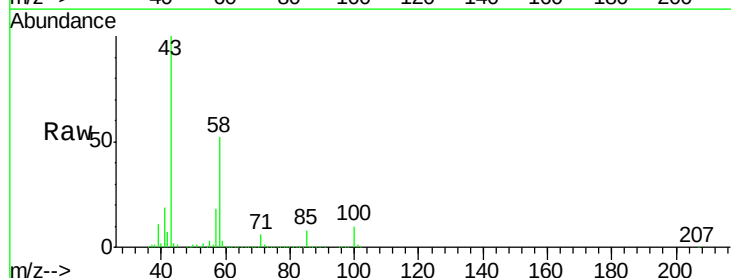
Acq: 24 Sep 2019 4:27

Tgt Ion: 43 Resp: 1267173

Ion Ratio Lower Upper

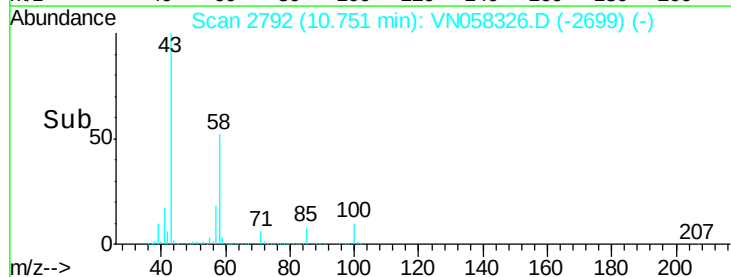
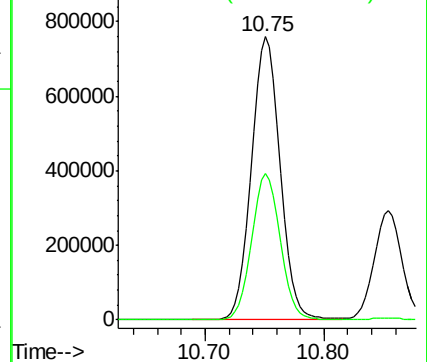
43 100

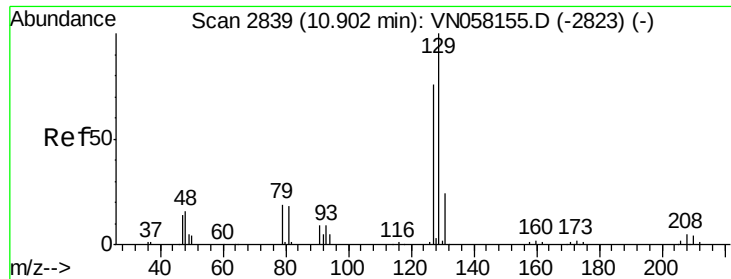
58 51.6 26.0 78.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

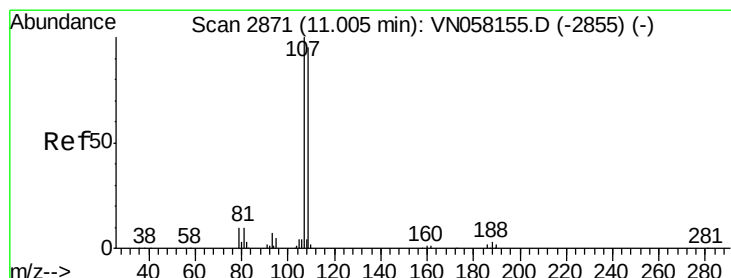
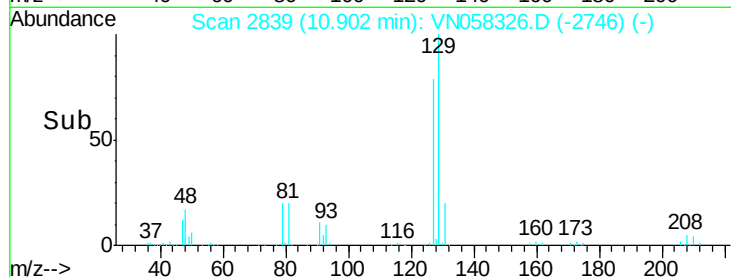
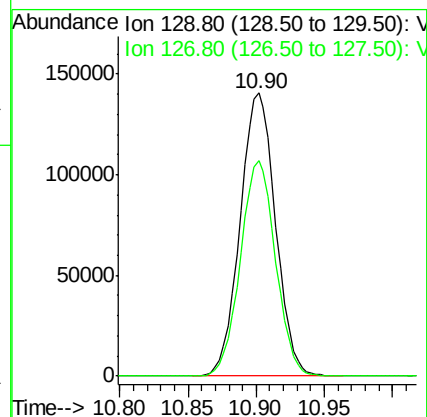
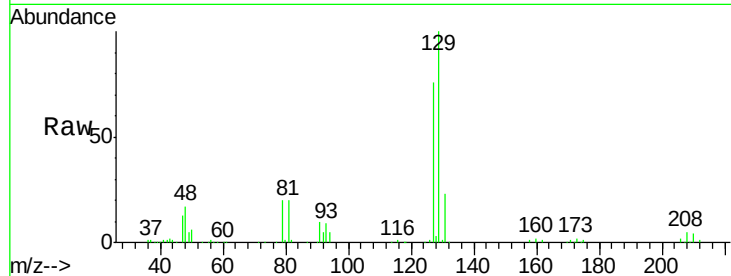




#60
 Dibromochloromethane
 Concen: 56.970 ug/l
 RT: 10.90 min Scan# 2839
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

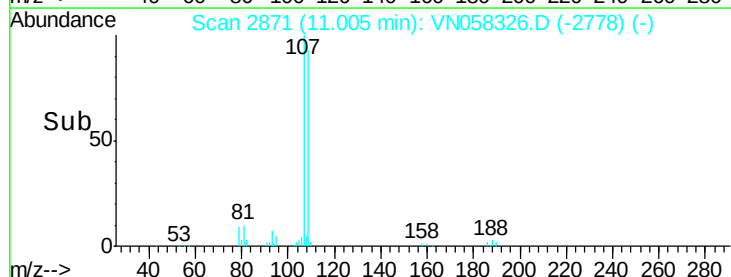
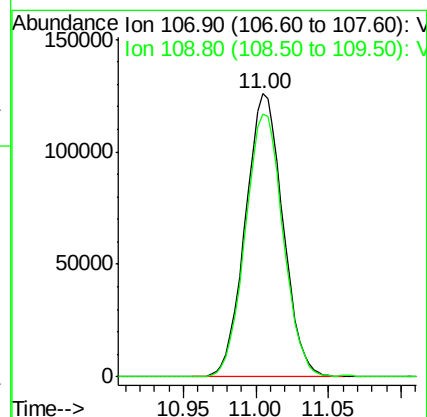
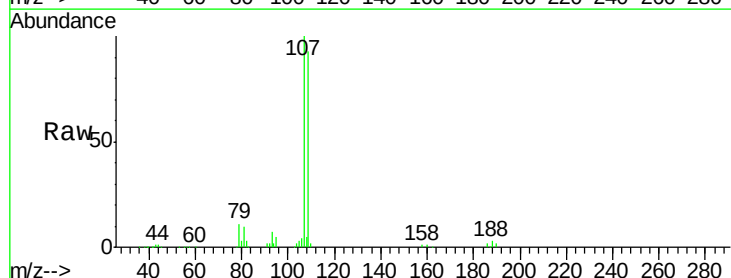
Instrument :
 MSVOA_N
 ClientSampleId :

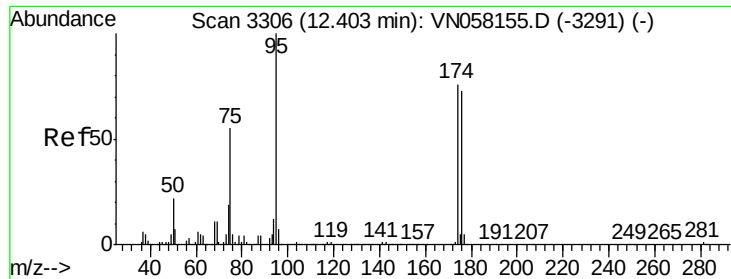
Tot Ion:129 Resp: 252887
 Ion Ratio Lower Upper
 129 100
 127 75.4 38.7 116.1



#61
 1,2-Dibromoethane
 Concen: 53.020 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion:107 Resp: 226713
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.4 113.2





#62

4-Bromofluorobenzene

Concen: 50.433 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

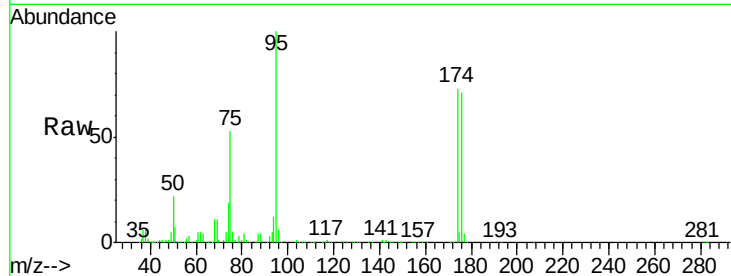
Tot Ion: 95 Resp: 334217

Ion Ratio Lower Upper

95 100

174 74.0 0.0 152.2

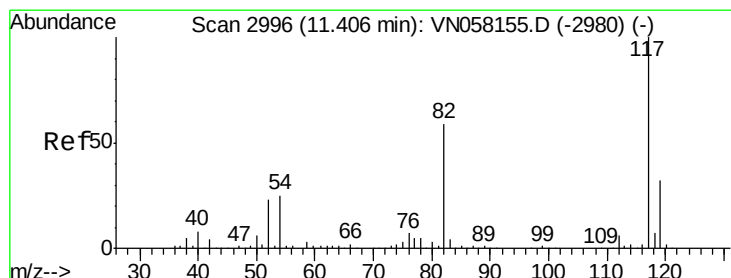
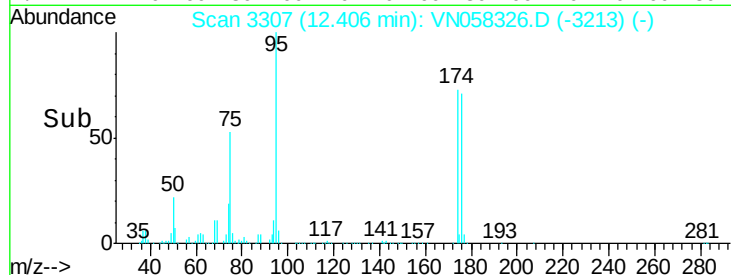
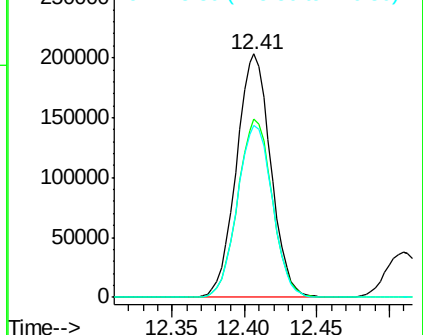
176 72.4 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

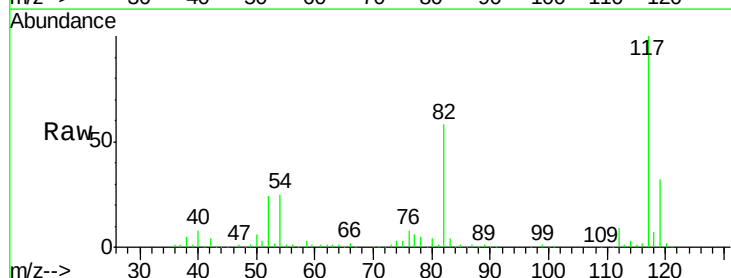
Tgt Ion: 117 Resp: 683356

Ion Ratio Lower Upper

117 100

82 58.5 46.9 70.3

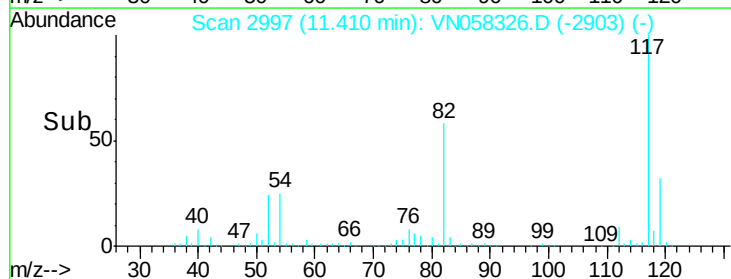
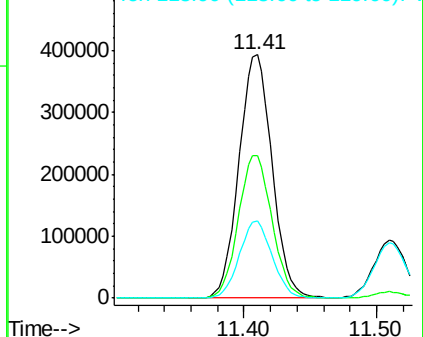
119 31.5 25.3 37.9

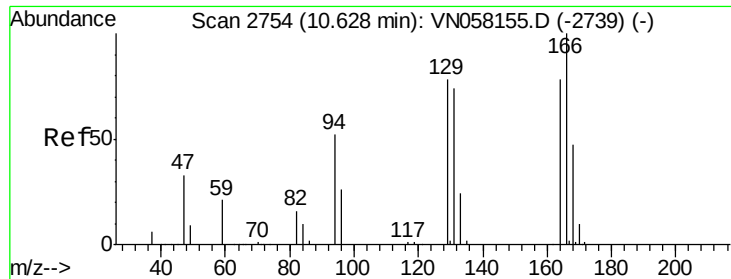


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

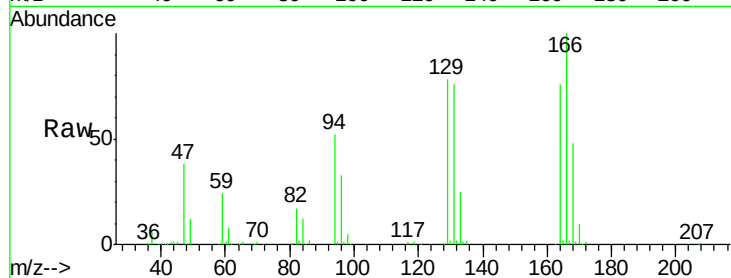




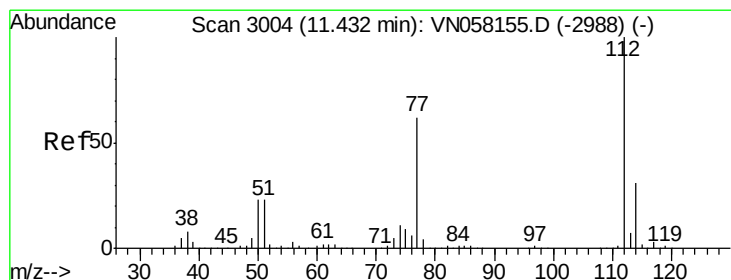
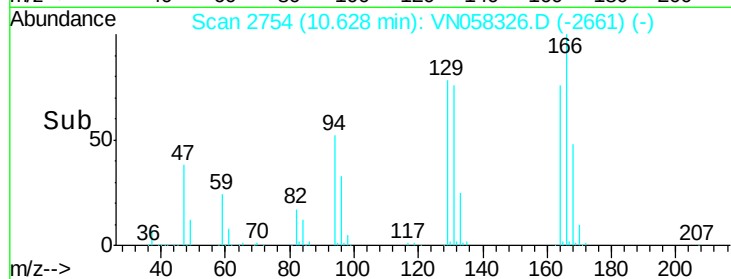
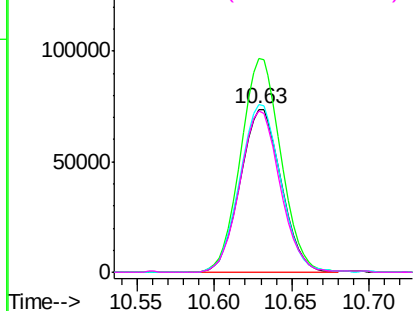
#64
Tetrachloroethene
Concen: 40.825 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.2	153.4
129	102.6	79.6	119.4
131	98.9	76.0	114.0

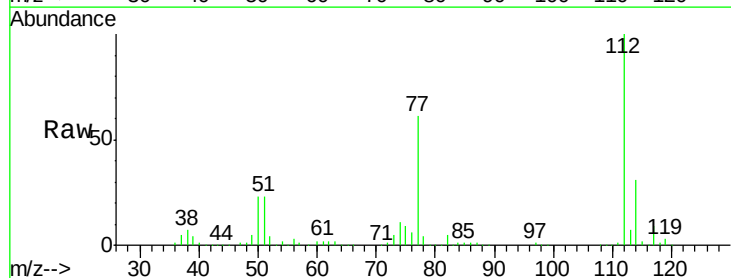


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

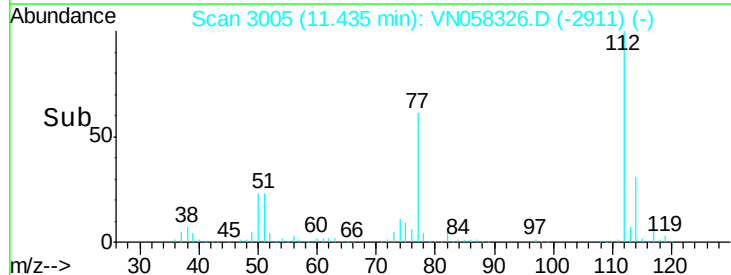
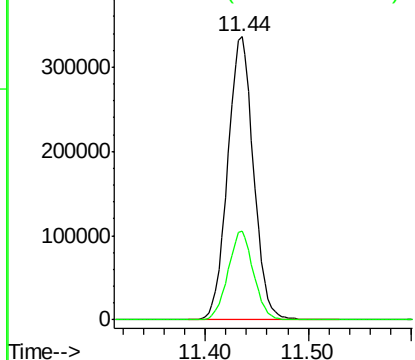


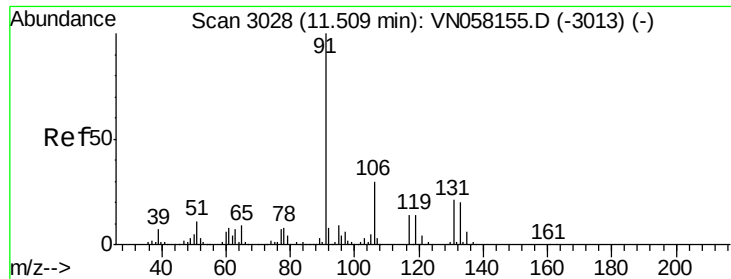
#65
Chlorobenzene
Concen: 48.789 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.1	37.7



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.740 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

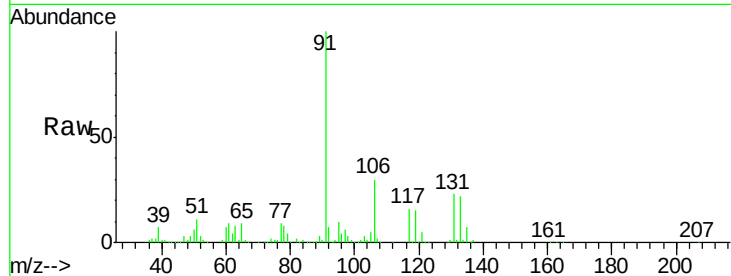
Tot Ion:131 Resp: 234221

Ion Ratio Lower Upper

131 100

133 94.0 47.8 143.3

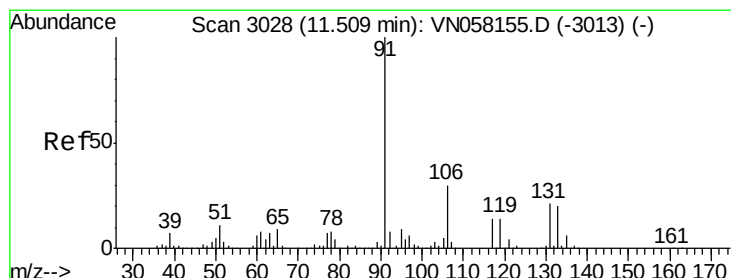
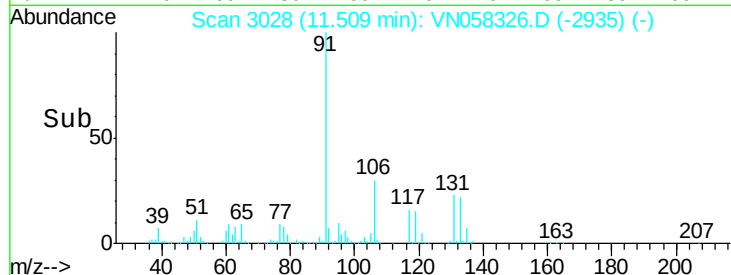
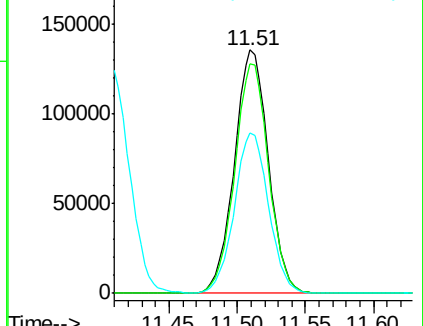
119 66.3 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 49.627 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN058326.D

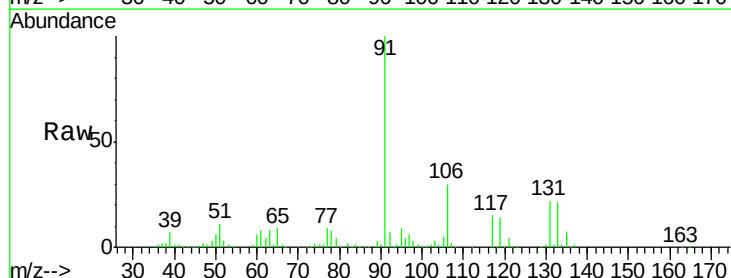
Acq: 24 Sep 2019 4:27

Tgt Ion: 91 Resp: 1022104

Ion Ratio Lower Upper

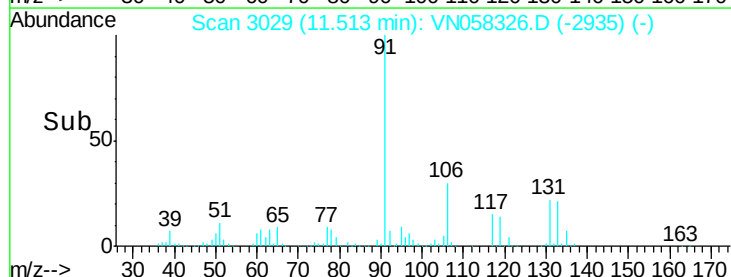
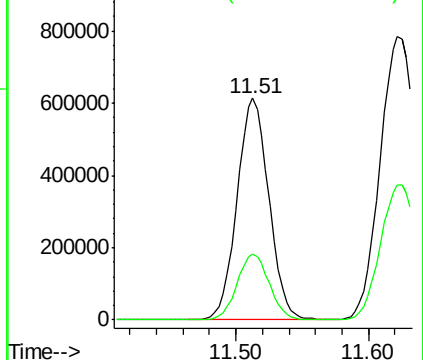
91 100

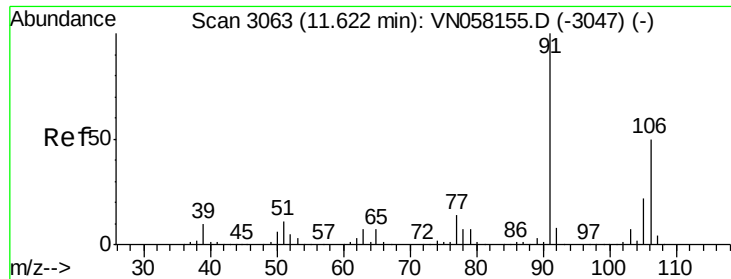
106 29.8 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

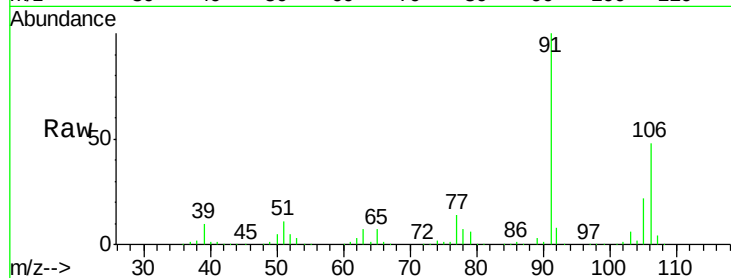




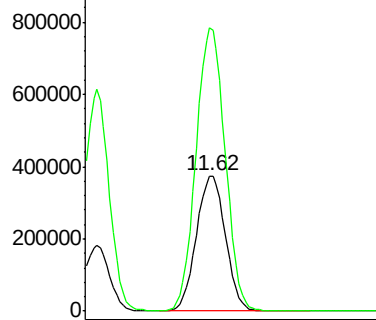
#68
m/p-Xylenes
Concen: 95.026 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampleId :

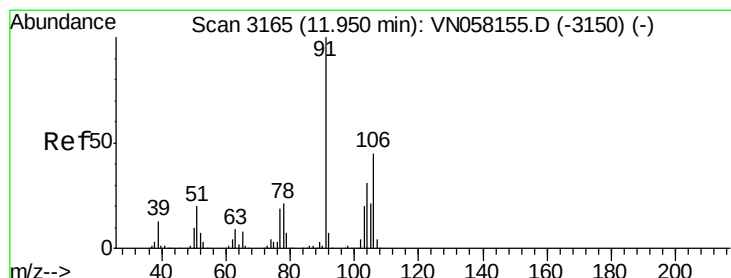
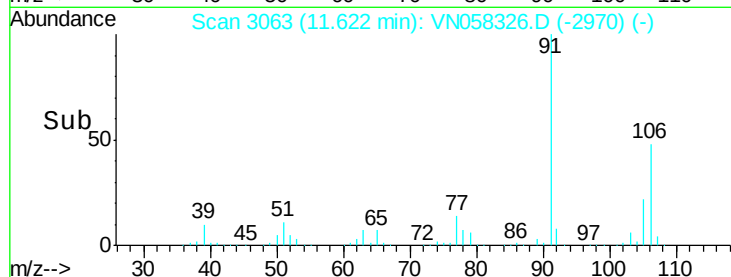
Tot Ion:106 Resp: 737118
Ion Ratio Lower Upper
106 100
91 209.0 163.6 245.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

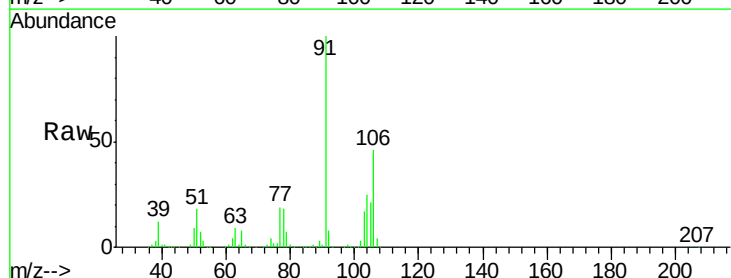


Time-->

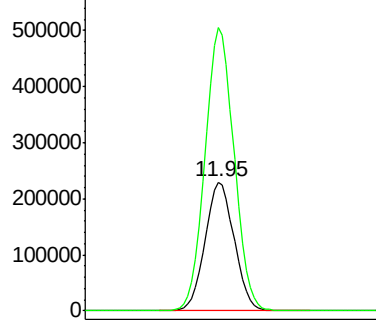


#69
o-Xylene
Concen: 49.738 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

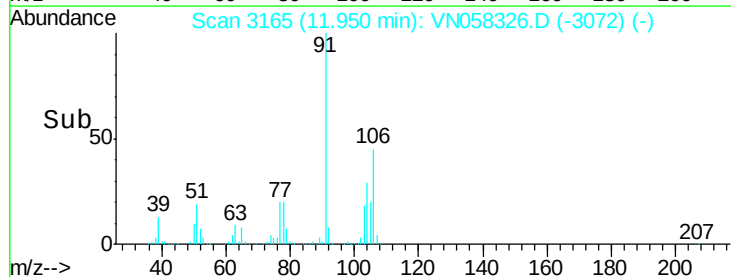
Tgt Ion:106 Resp: 379371
Ion Ratio Lower Upper
106 100
91 219.2 111.8 335.3

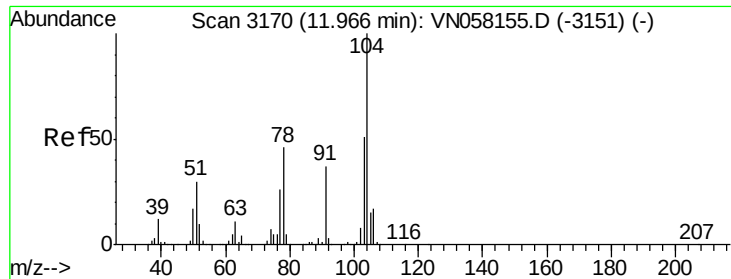


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



Time-->

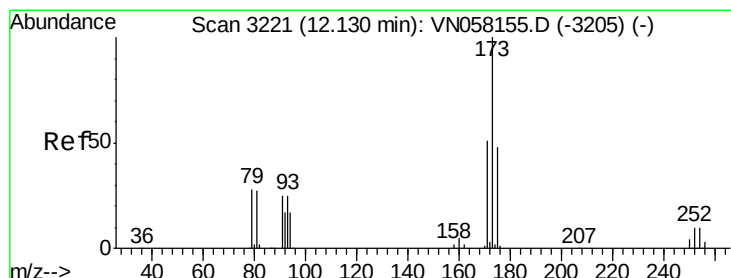
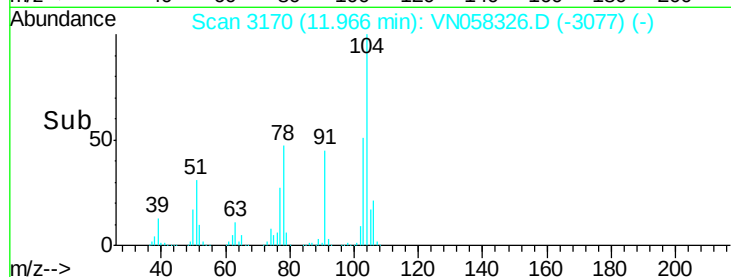
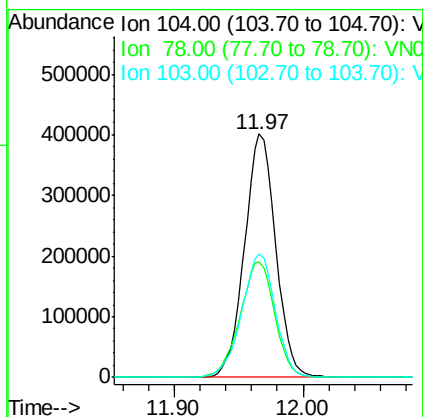
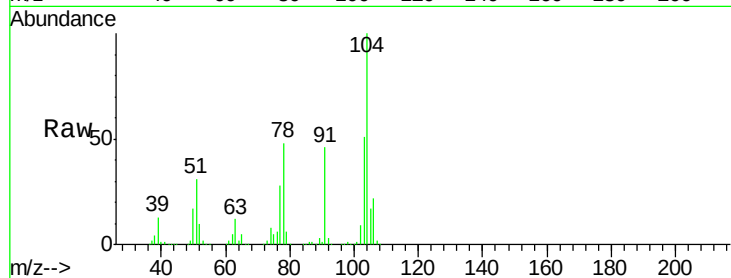




#70
Stvrene
Concen: 51.559 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

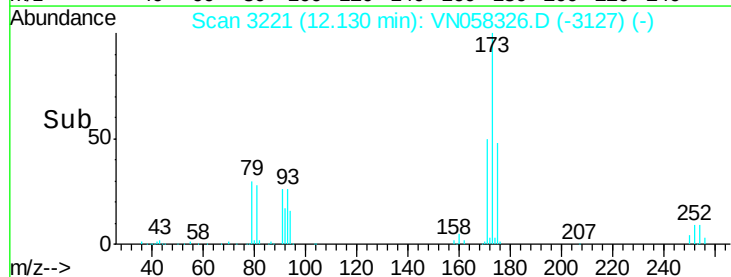
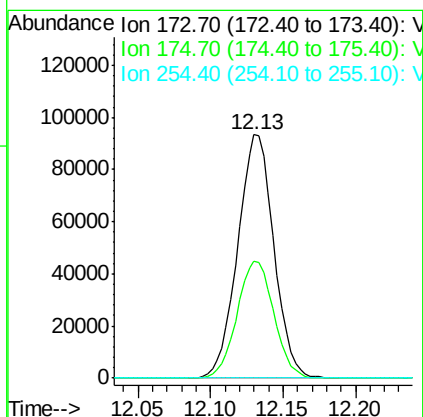
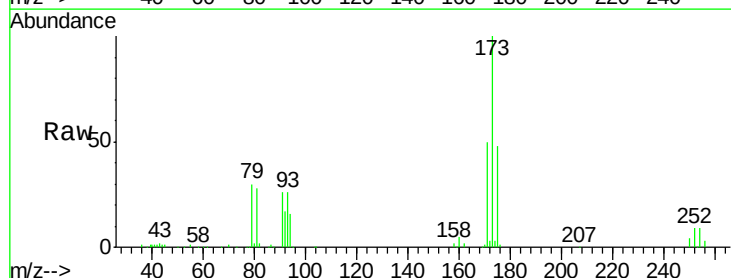
Instrument :
MSVOA_N
ClientSampled :

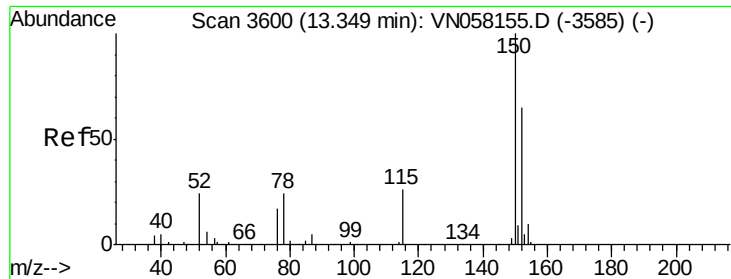
Tot Ion:104 Resp: 677574
Ion Ratio Lower Upper
104 100
78 52.6 41.8 62.8
103 54.5 44.2 66.2



#71
Bromoform
Concen: 49.988 ug/l
RT: 12.13 min Scan# 3221
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion:173 Resp: 161524
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.1 0.1#



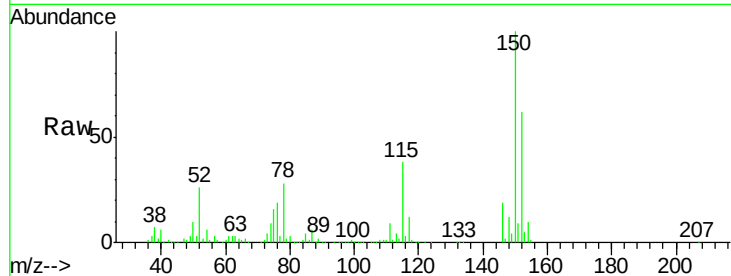


#72

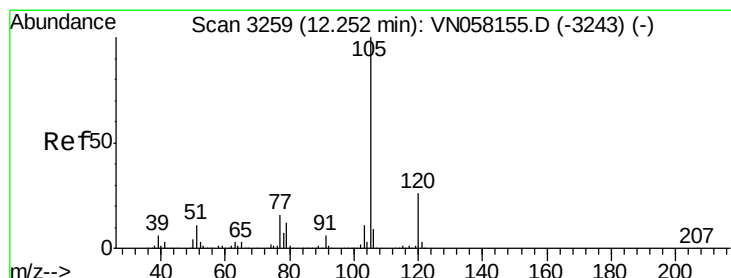
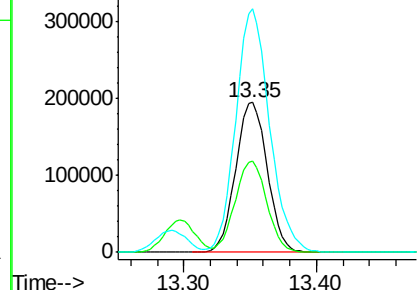
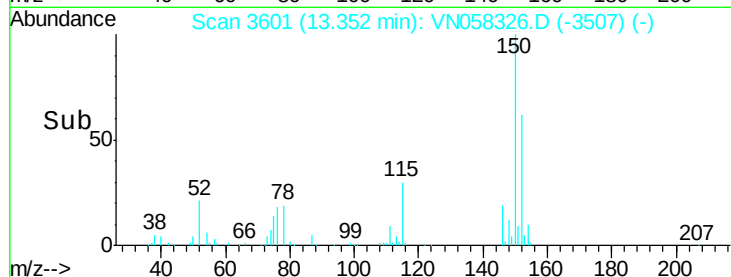
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:152 Resp: 324157
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 172.3 0.0 346.4



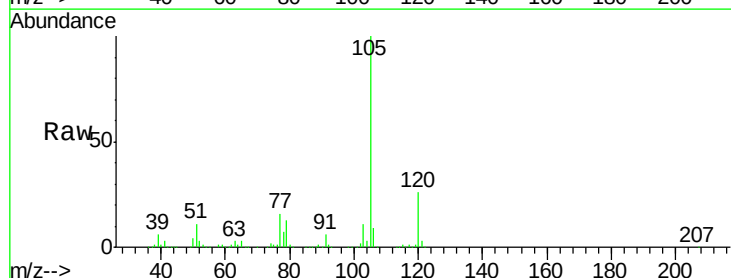
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



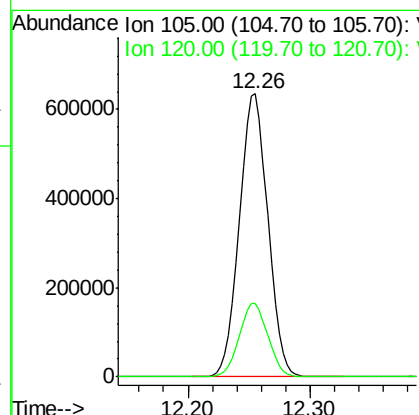
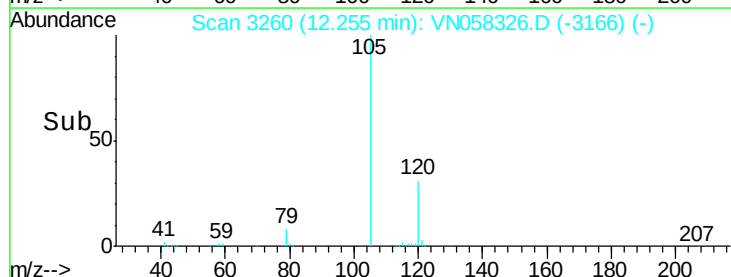
#73

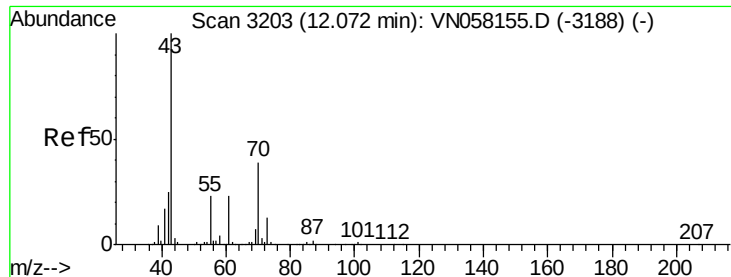
Isopropylbenzene
Concen: 50.570 ug/l
RT: 12.26 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion:105 Resp: 1026068
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



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

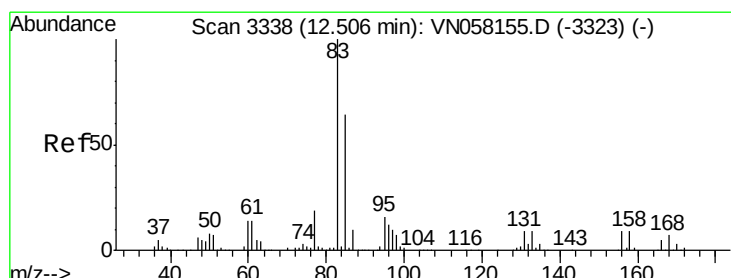
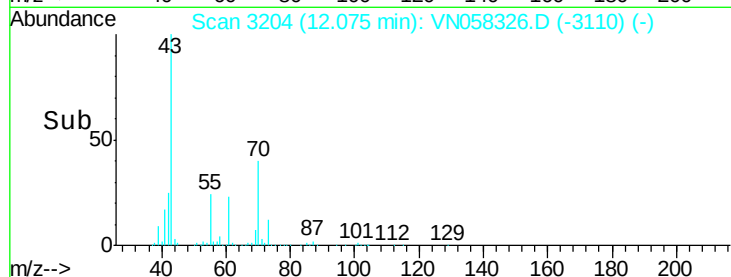
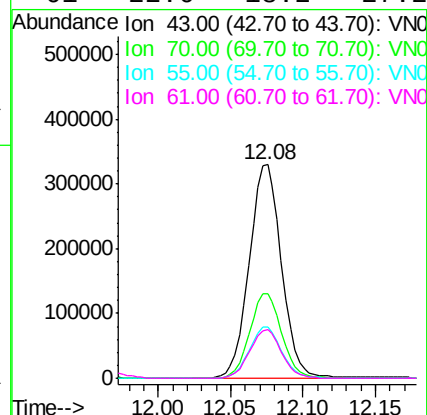
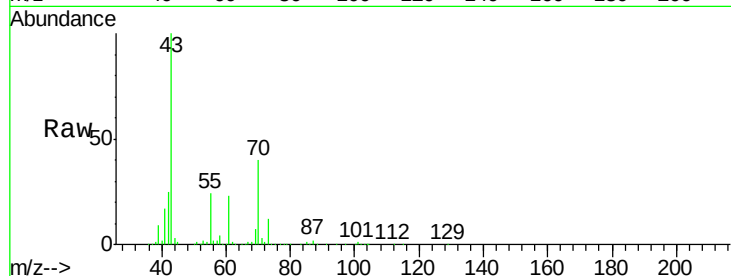




#74
N-amyl acetate
Concen: 59.849 ug/l
RT: 12.08 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

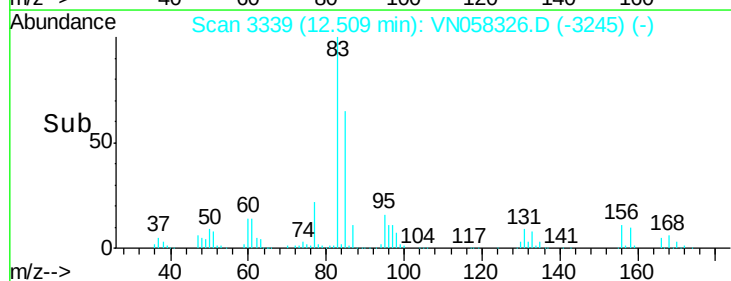
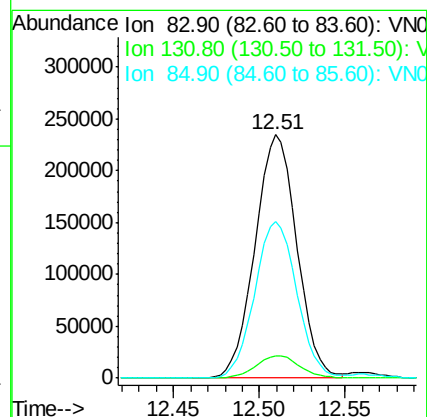
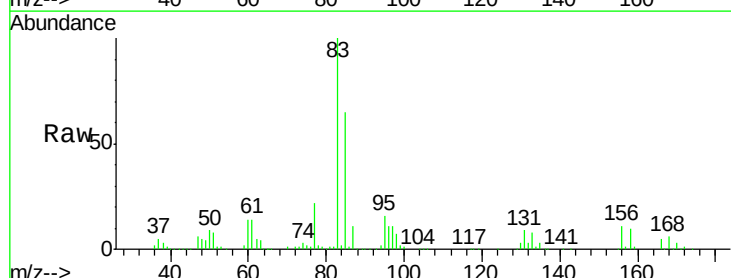
Instrument :
MSVOA_N
ClientSampled :

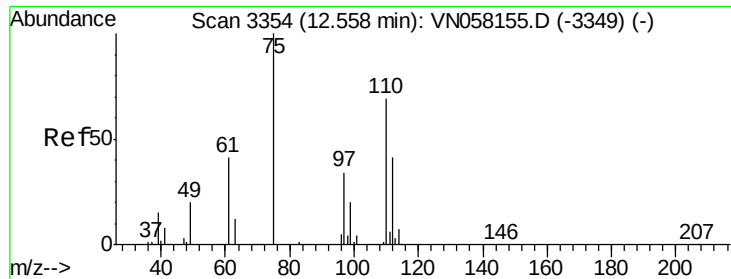
Tot Ion:	43	Resp:	508015
Ion	Ratio	Lower	Upper
43	100		
70	39.3	31.0	46.6
55	24.0	18.5	27.7
61	22.6	18.2	27.2



#75
1,1,2,2-Tetrachloroethane
Concen: 58.183 ug/l
RT: 12.51 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VN058326.D
Acq: 24 Sep 2019 4:27

Tgt Ion:	83	Resp:	395334
Ion	Ratio	Lower	Upper
83	100		
131	9.6	4.8	14.3
85	64.8	31.9	95.5





#76

1,2,3-Trichloropropane

Concen: 79.683 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

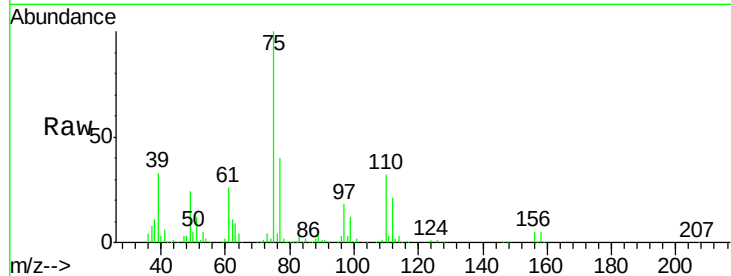
ClientSampleId :

Tot Ion: 75 Resp: 462271

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058155.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN058155.D (-3349) (-)

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

12.56

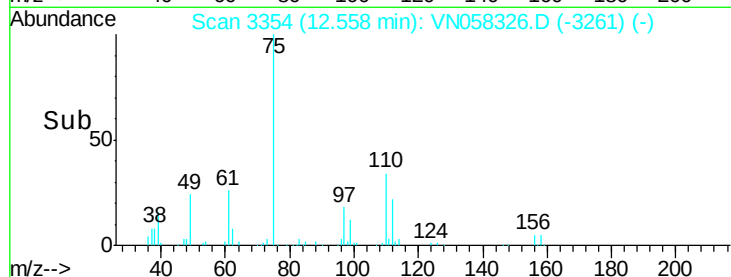
12.56

12.56

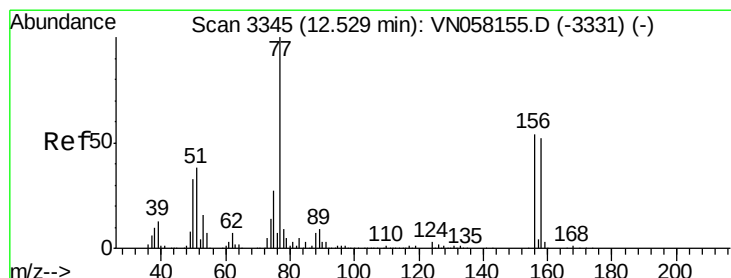
12.56

12.56

12.56



Time-->



#77

Bromobenzene

Concen: 49.905 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

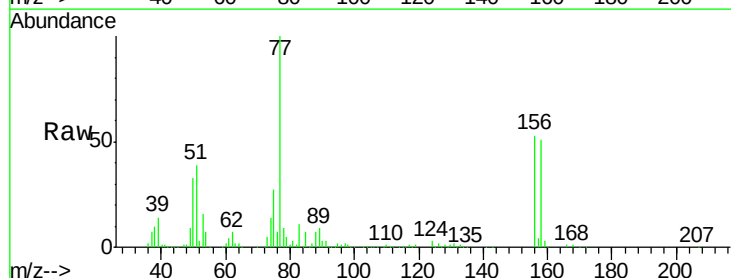
Tgt Ion: 156 Resp: 254709

Ion Ratio Lower Upper

156 100

77 235.0 111.7 335.1

158 97.2 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): VN058155.D (-3331) (-)

Ion 77.00 (76.70 to 77.70): VN058155.D (-3331) (-)

Ion 157.80 (157.50 to 158.50): VN058155.D (-3331) (-)

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

12.53

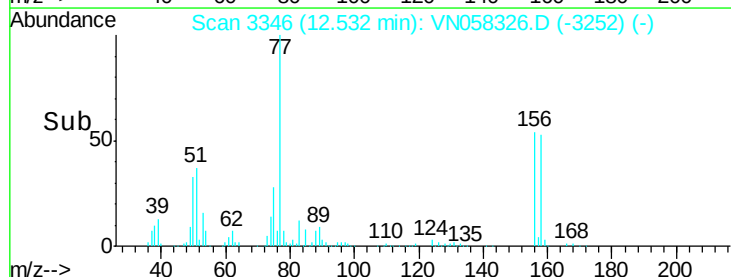
12.53

12.53

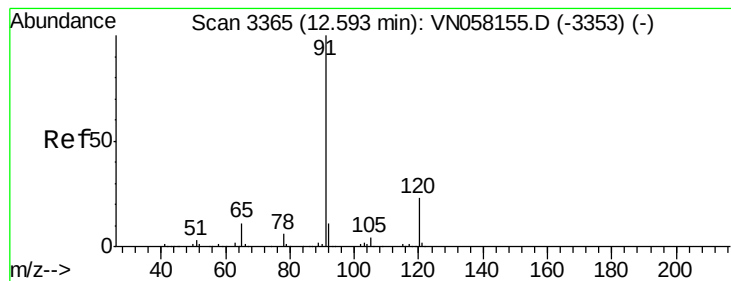
12.53

12.53

12.53



Time-->



#78

n-propylbenzene

Concen: 51.834 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

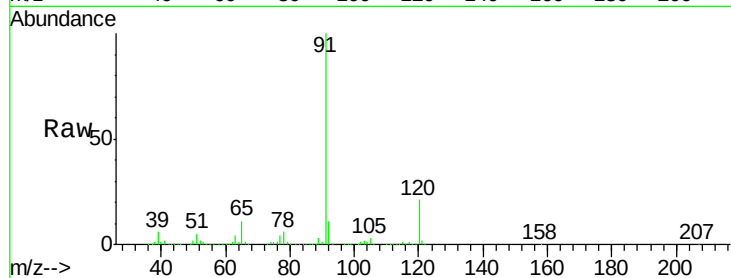
ClientSampled :

Tot Ion: 91 Resp: 1195118

Ion Ratio Lower Upper

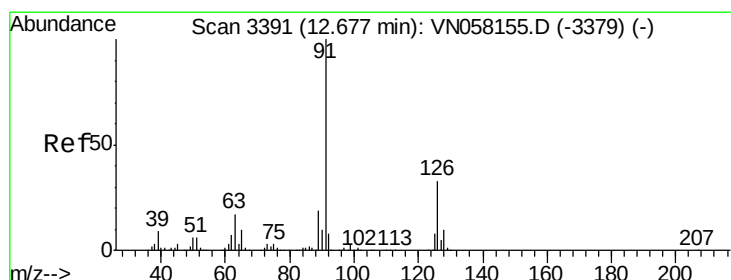
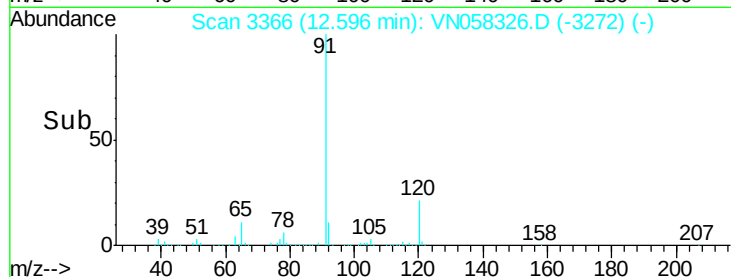
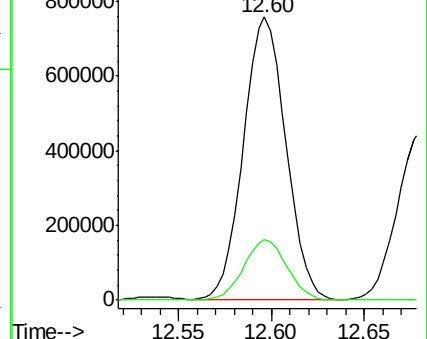
91 100

120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 51.699 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058326.D

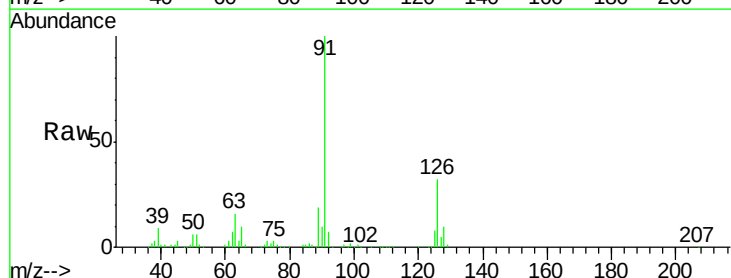
Acq: 24 Sep 2019 4:27

Tgt Ion: 91 Resp: 744965

Ion Ratio Lower Upper

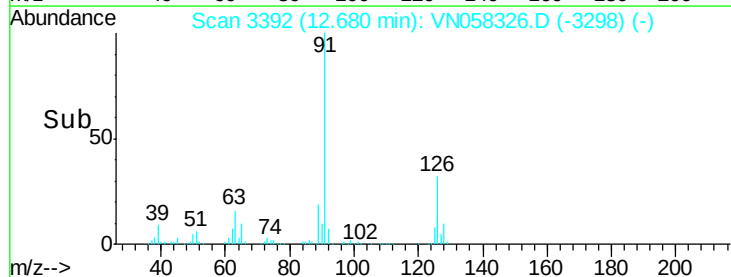
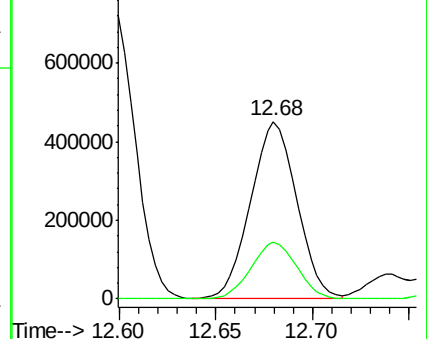
91 100

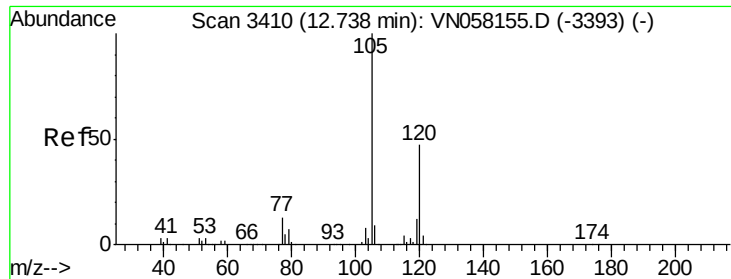
126 32.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

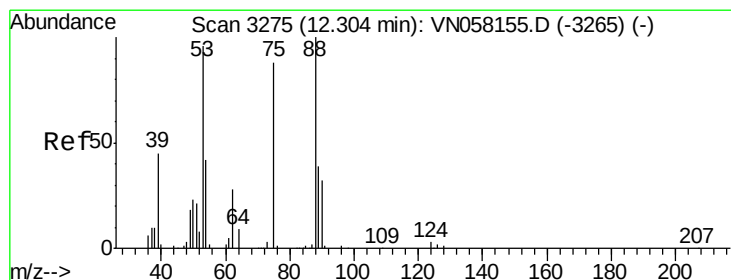
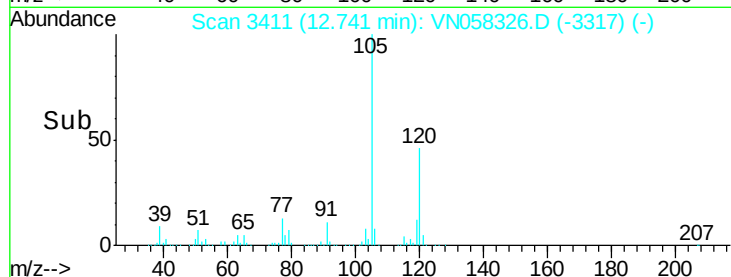
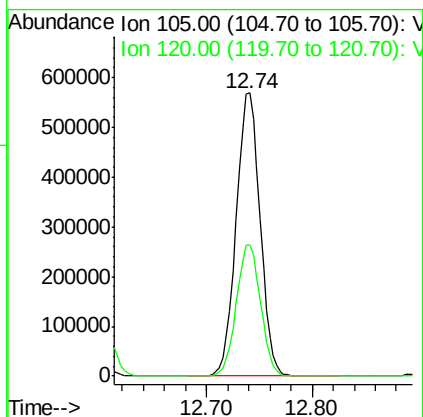
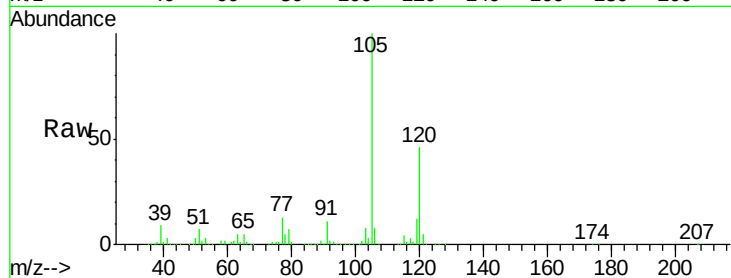




#80
 1,3,5-Trimethylbenzene
 Concen: 51.868 ug/l
 RT: 12.74 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

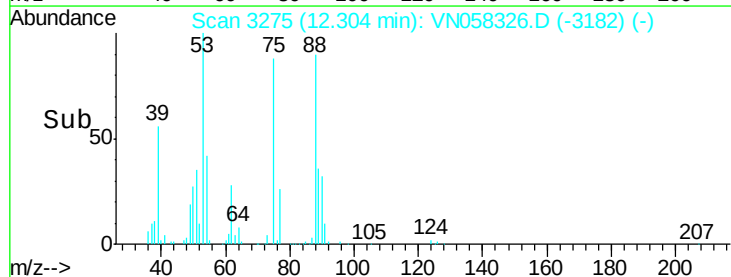
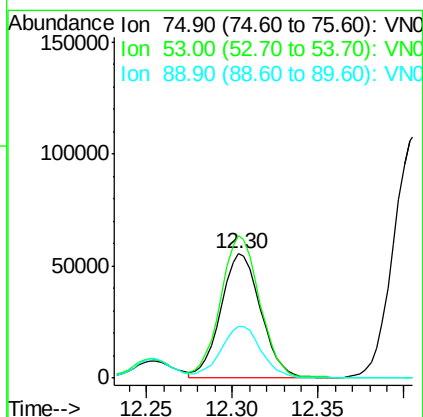
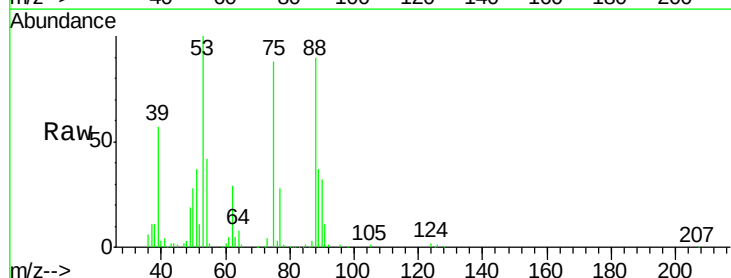
Instrument :
 MSVOA_N
 ClientSampled :

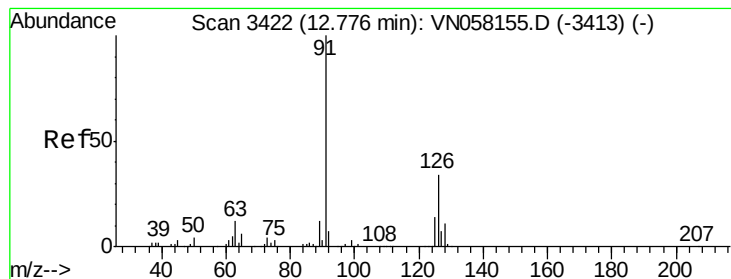
Tot Ion:105 Resp: 889941
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.4 70.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.753 ug/l
 RT: 12.30 min Scan# 3275
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion: 75 Resp: 90306
 Ion Ratio Lower Upper
 75 100
 53 110.0 90.1 135.1
 89 42.2 36.2 54.2





#82

4-Chlorotoluene

Concen: 51.340 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

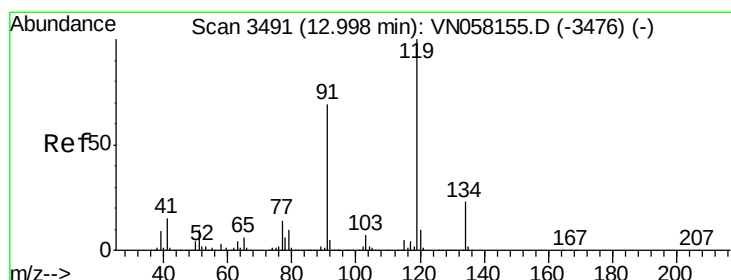
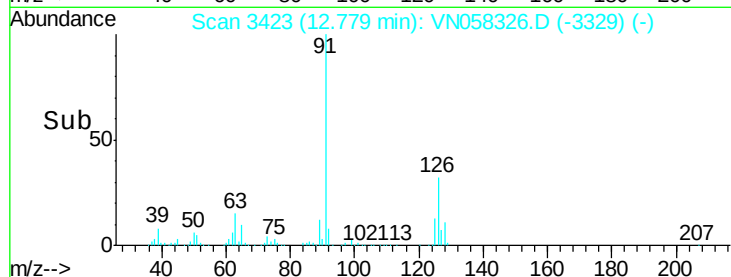
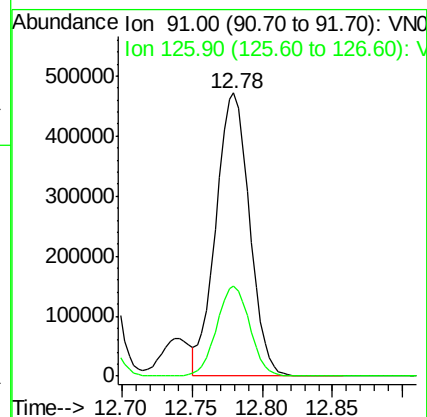
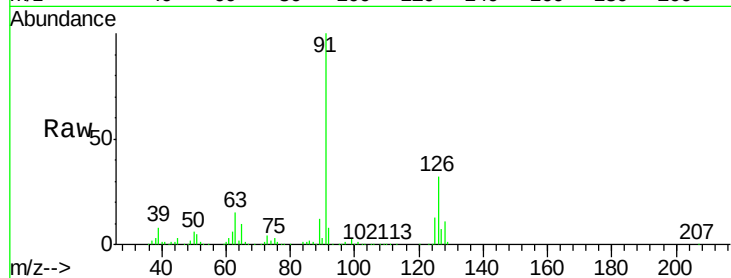
ClientSampleId :

Tot Ion: 91 Resp: 777657

Ion Ratio Lower Upper

91 100

126 31.4 15.7 47.1



#83

tert-Butylbenzene

Concen: 50.318 ug/l

RT: 13.00 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

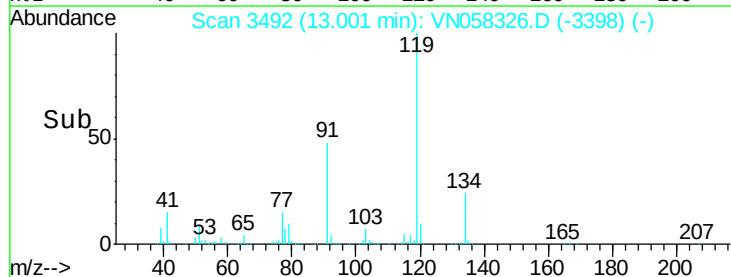
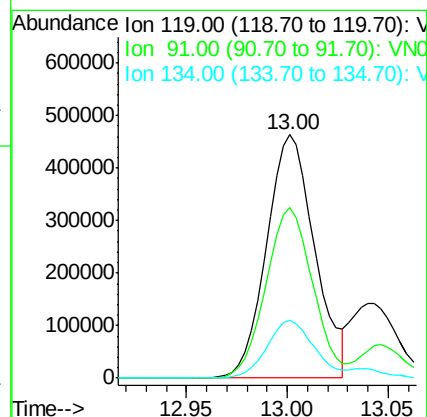
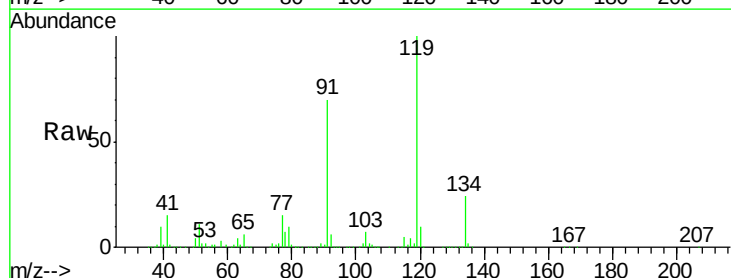
Tgt Ion: 119 Resp: 769912

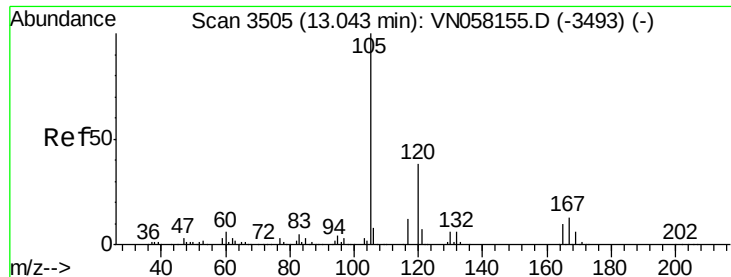
Ion Ratio Lower Upper

119 100

91 68.3 33.8 101.3

134 23.5 11.6 34.8

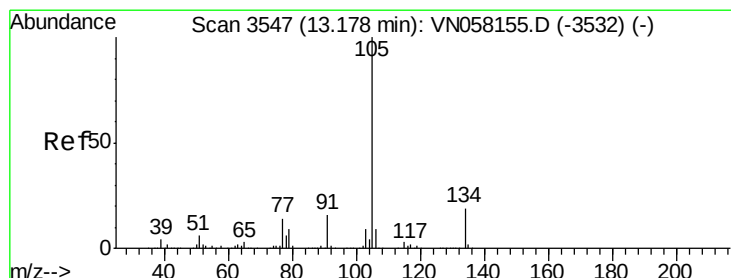
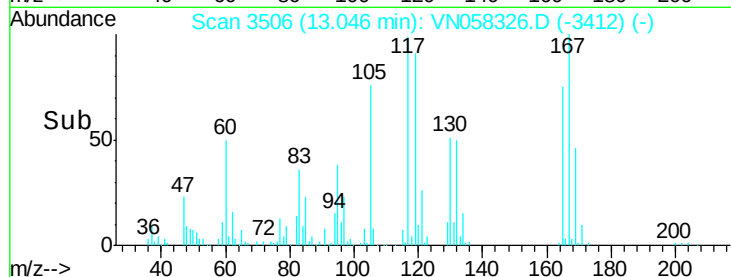
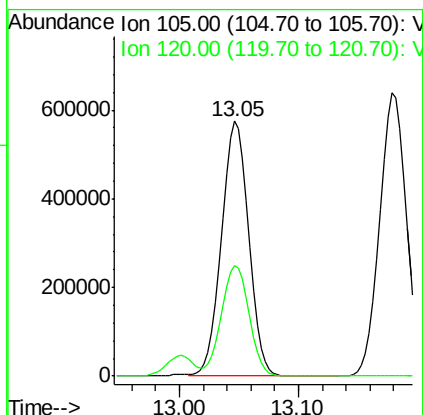
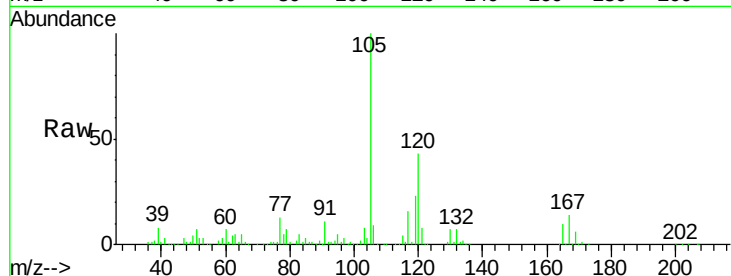




#84
 1,2,4-Trimethylbenzene
 Concen: 53.296 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

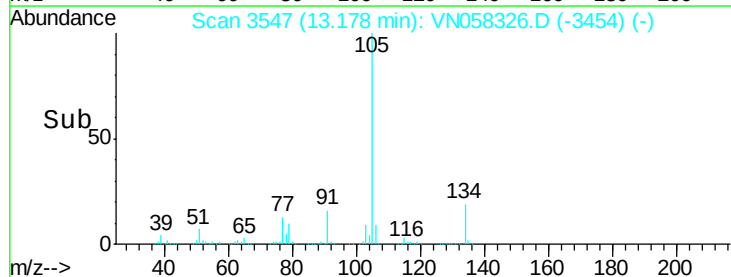
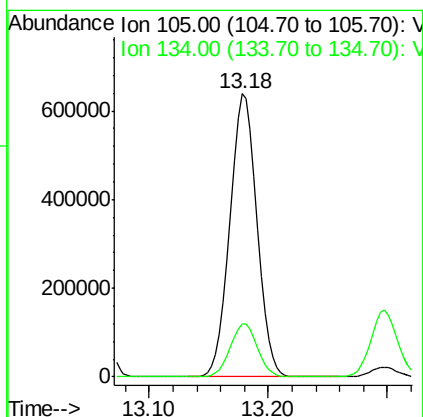
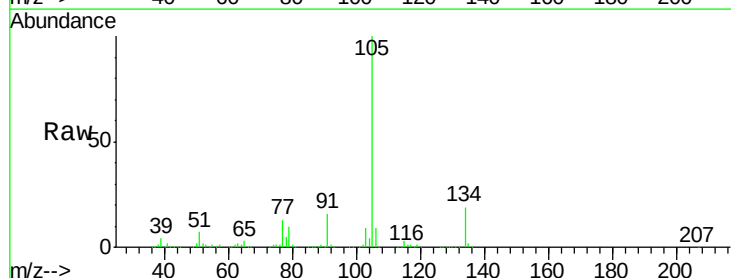
Instrument :
 MSVOA_N
 ClientSampled :

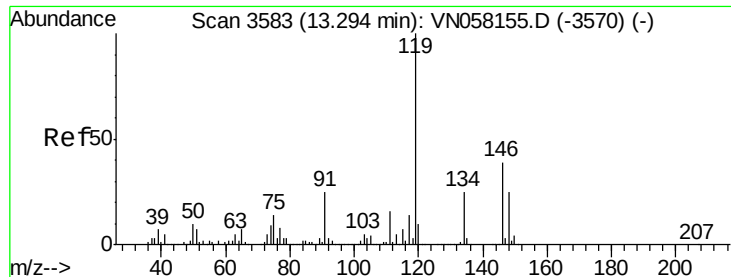
Tot Ion:105 Resp: 910014
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 50.226 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion:105 Resp: 1004946
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5

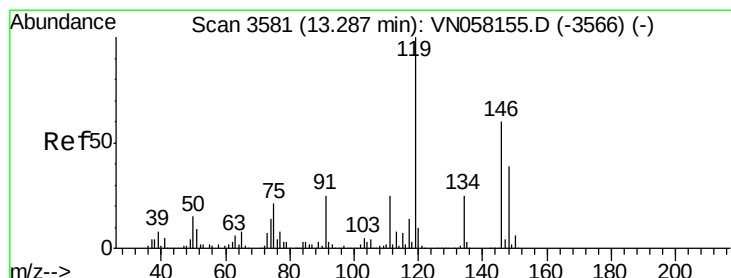
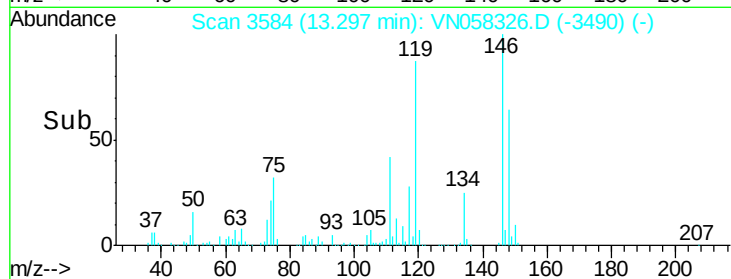
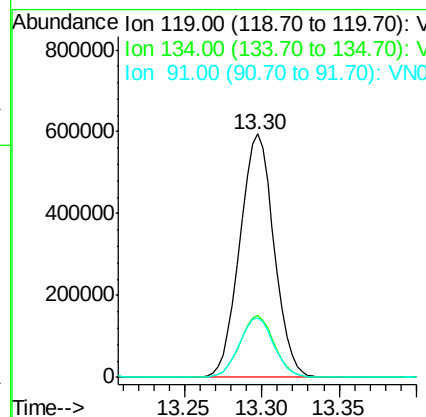
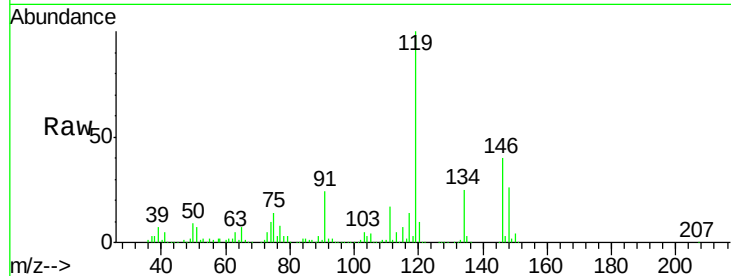




#86
 p-Isopropyltoluene
 Concen: 51.210 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

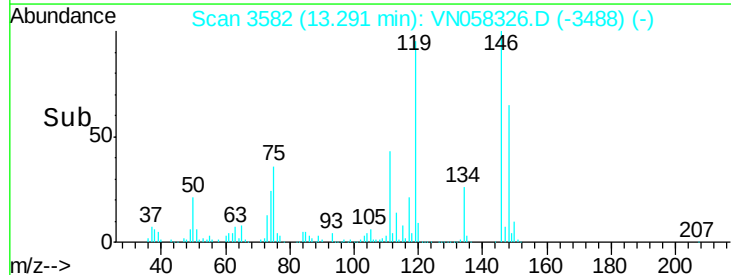
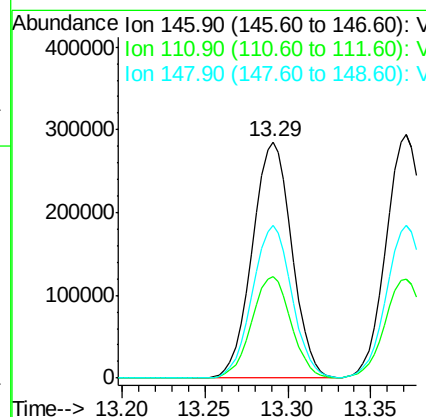
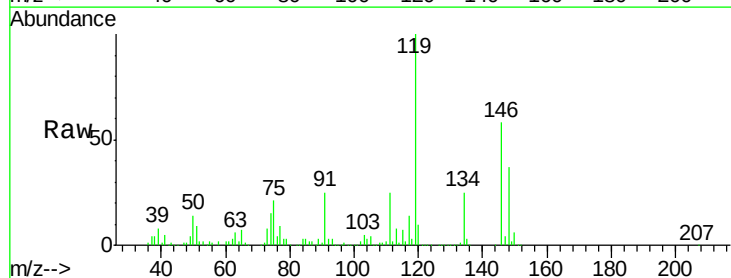
Instrument :
 MSVOA_N
 ClientSampled :

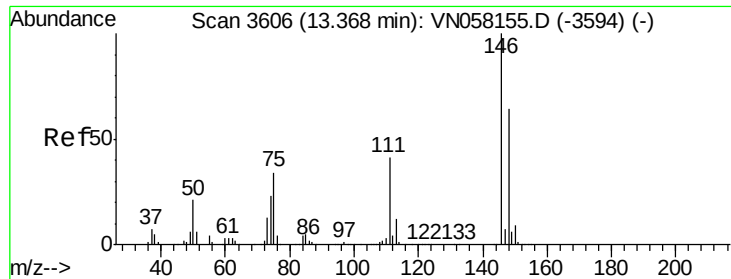
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	12.7	38.0
91	24.6	12.3	36.8



#87
 1,3-Dichlorobenzene
 Concen: 50.856 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.9	62.8
148	64.6	32.0	96.2

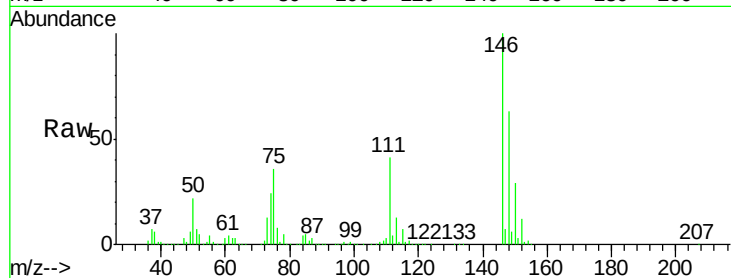




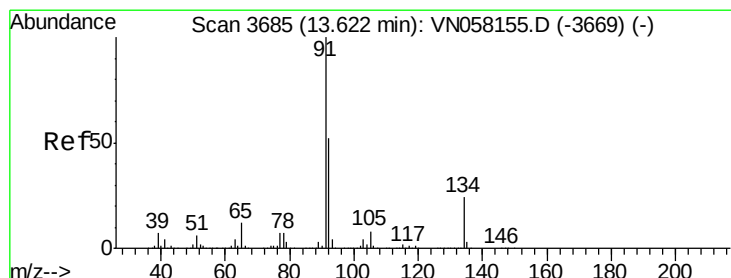
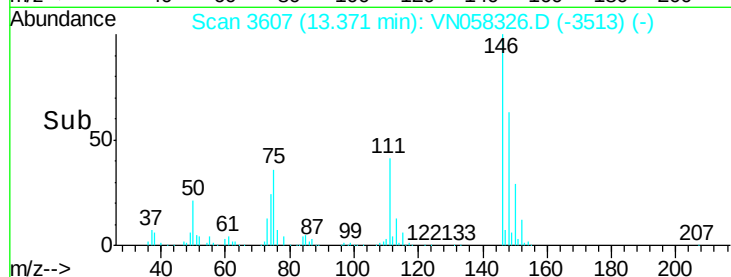
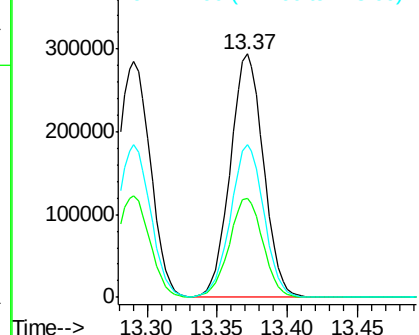
#88
 1,4-Dichlorobenzene
 Concen: 50.713 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	62.7	31.9	95.5

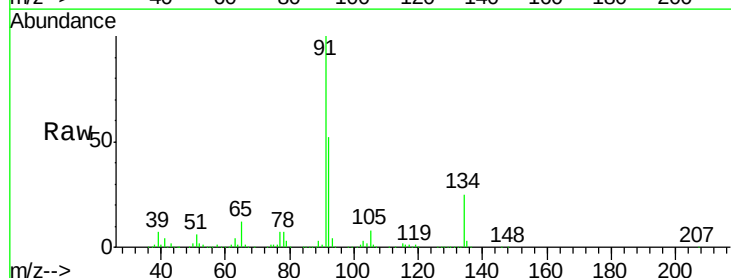


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

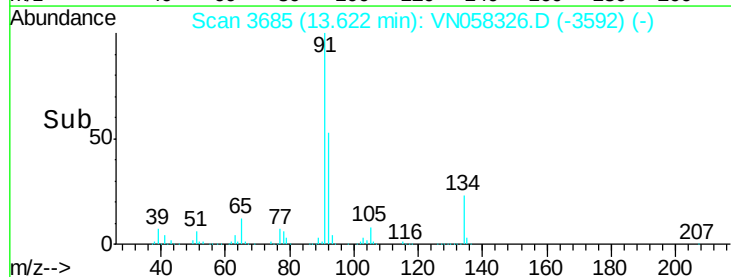
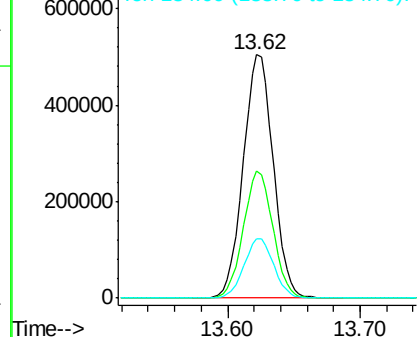


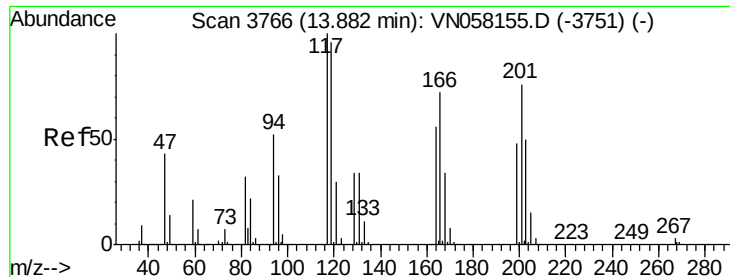
#89
 n-Butylbenzene
 Concen: 47.014 ug/l
 RT: 13.62 min Scan# 3685
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.7	77.0
134	24.2	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 92.00 (91.70 to 92.70): V
 Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 48.063 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

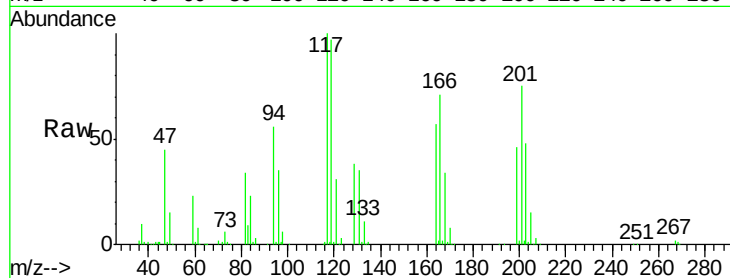
ClientSampled :

Tot Ion:117 Resp: 149557

Ion Ratio Lower Upper

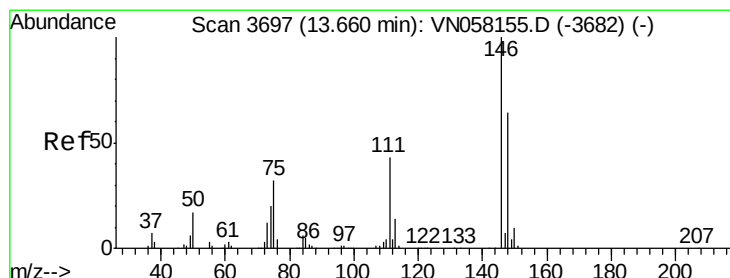
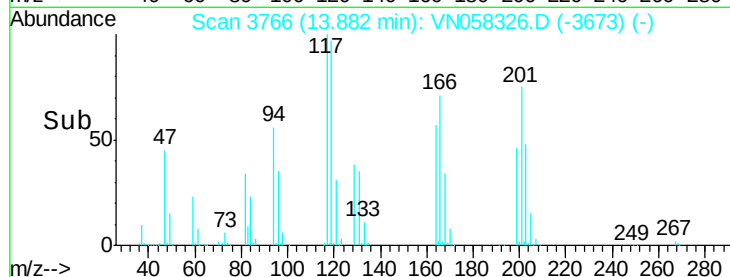
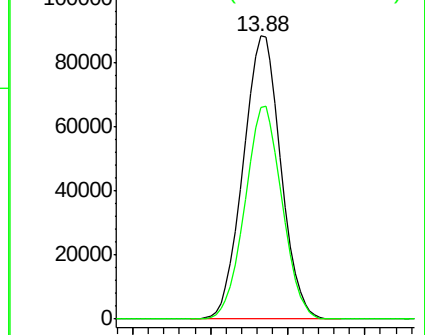
117 100

201 74.0 37.5 112.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 52.519 ug/l

RT: 13.66 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

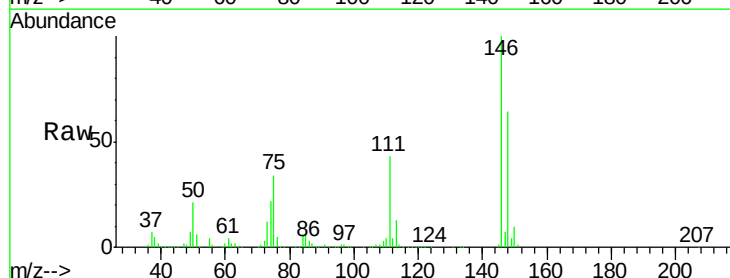
Tgt Ion:146 Resp: 491114

Ion Ratio Lower Upper

146 100

111 43.3 21.1 63.1

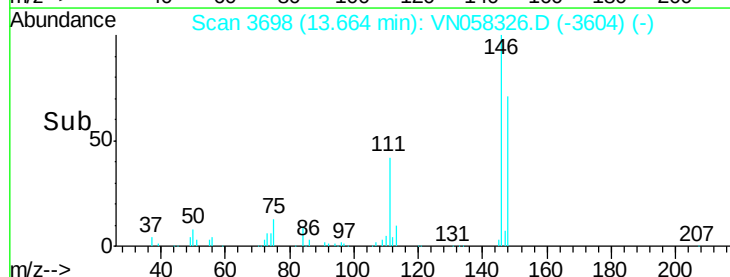
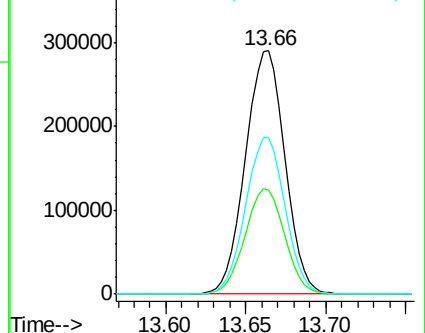
148 64.2 31.8 95.4

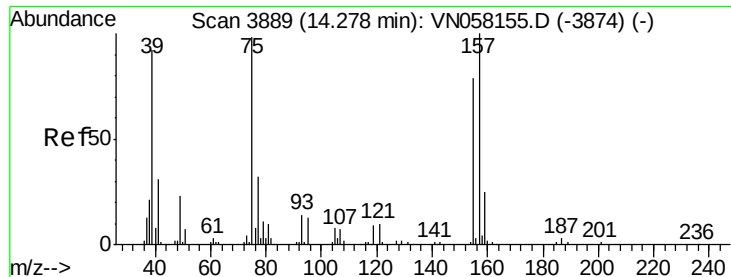


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 61.949 ug/l

RT: 14.28 min Scan# 3890

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

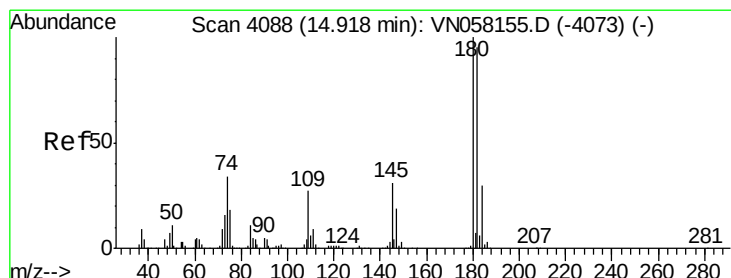
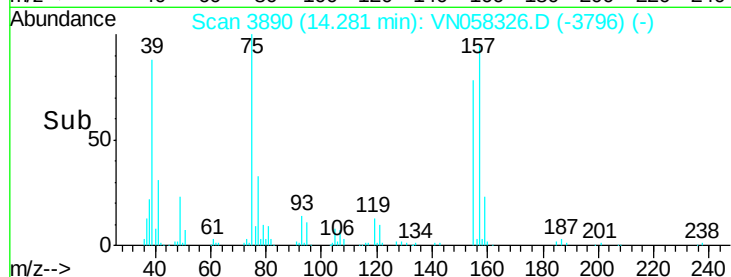
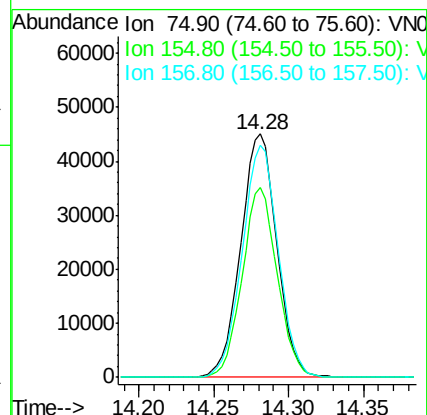
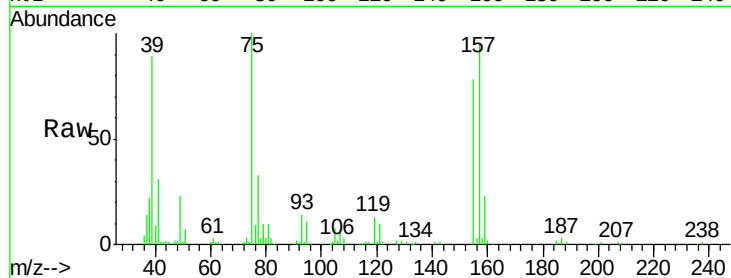
Tot Ion: 75 Resp: 75779

Ion Ratio Lower Upper

75 100

155 75.6 38.3 114.8

157 95.1 48.0 144.0



#93

1,2,4-Trichlorobenzene

Concen: 50.295 ug/l

RT: 14.92 min Scan# 4089

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

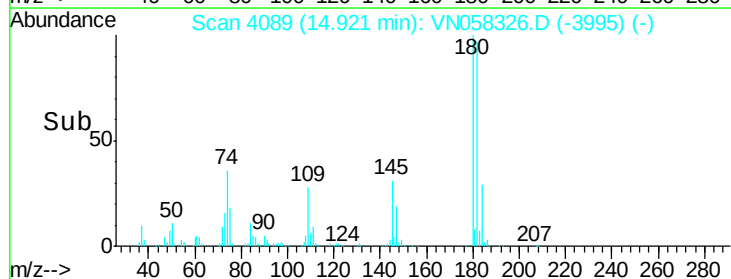
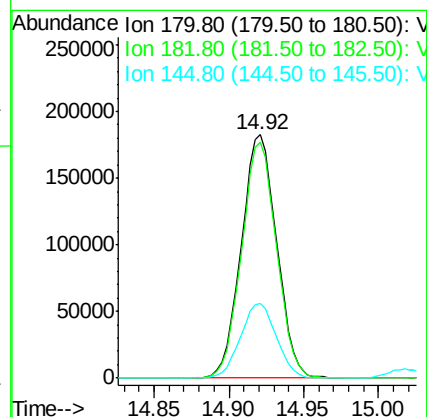
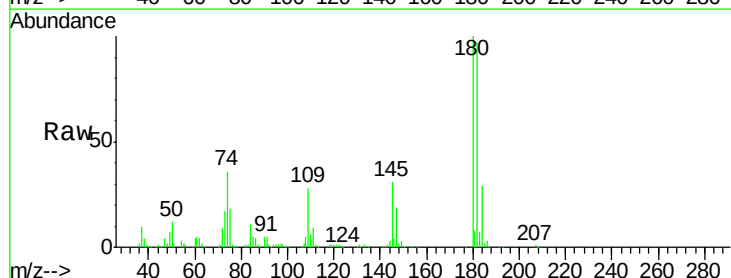
Tgt Ion: 180 Resp: 300493

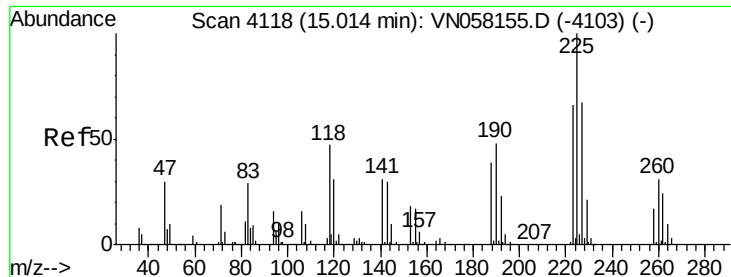
Ion Ratio Lower Upper

180 100

182 95.8 47.8 143.3

145 31.0 15.4 46.4





#94

Hexachlorobutadiene

Concen: 40.559 ug/l

RT: 15.02 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

Instrument :

MSVOA_N

ClientSampled :

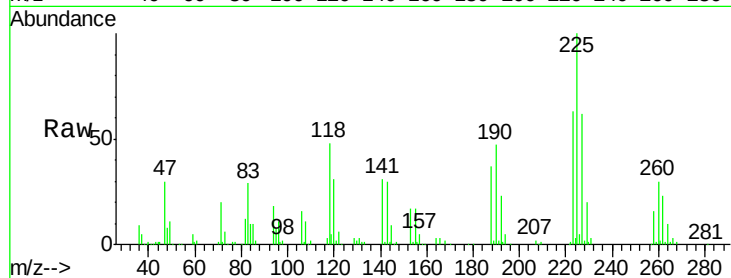
Tot Ion:225 Resp: 117124

Ion Ratio Lower Upper

225 100

223 61.4 32.6 97.7

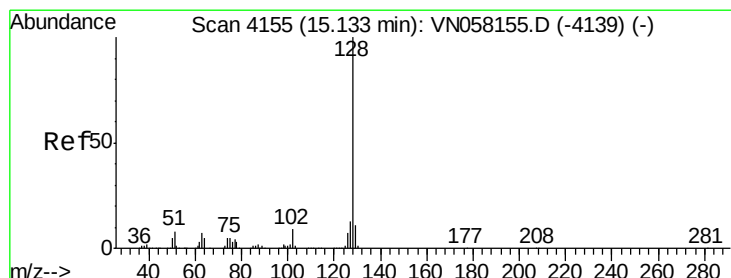
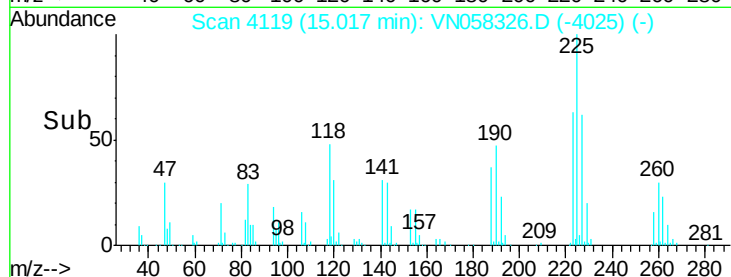
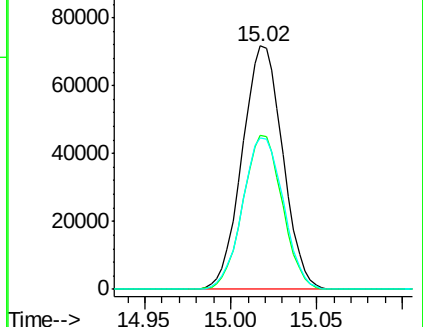
227 62.8 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 60.586 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058326.D

Acq: 24 Sep 2019 4:27

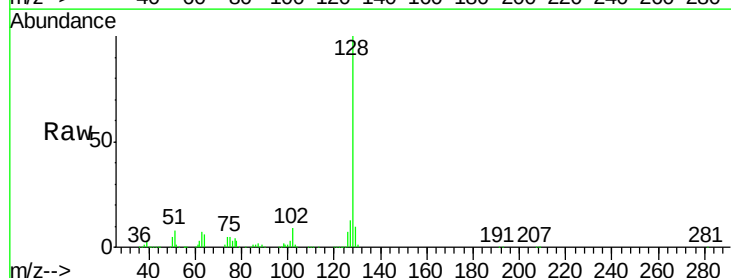
Tgt Ion:128 Resp: 938093

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

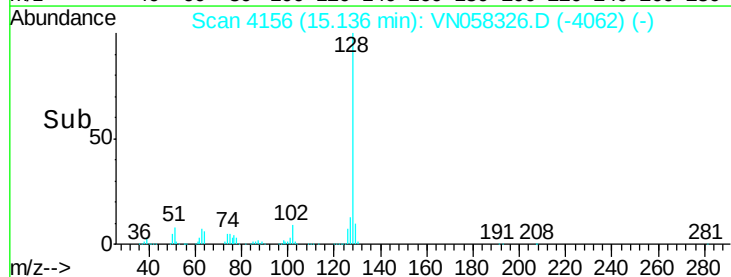
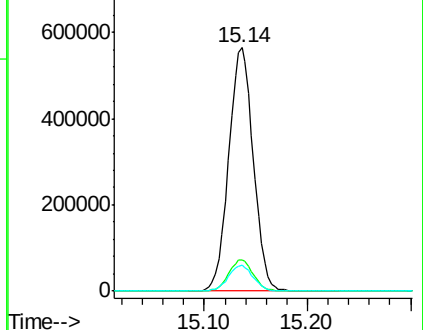
129 10.7 8.6 12.8

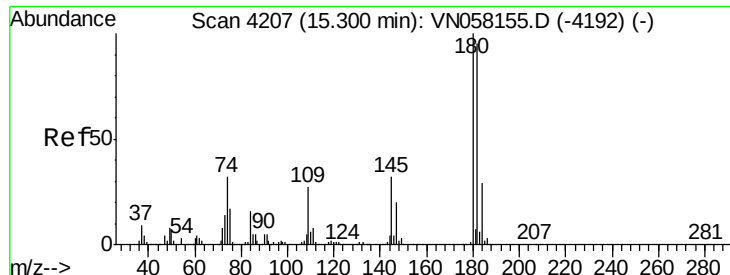


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

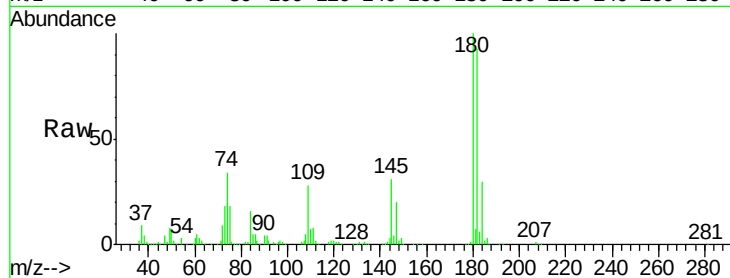




#96
 1,2,3-Trichlorobenzene
 Concen: 53.073 ug/l
 RT: 15.30 min Scan# 4208
 Delta R.T. 0.00 min
 Lab File: VN058326.D
 Acq: 24 Sep 2019 4:27

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.4	142.2
145	31.6	16.1	48.2



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

