

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058449.D
 Acq On : 30 Sep 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 01 01:36:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	412917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	708808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	650948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	316830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	306366	50.77	ug/l	0.00
Spiked Amount						
			Recovery	=	101.54%	
35) Dibromofluoromethane	7.57	113	222154	51.14	ug/l	0.00
Spiked Amount						
			Recovery	=	102.28%	
50) Toluene-d8	10.08	98	871547	51.21	ug/l	0.00
Spiked Amount						
			Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.41	95	323652	52.60	ug/l	0.00
Spiked Amount						
			Recovery	=	105.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	227506	50.249	ug/l	99
3) Chloromethane	2.03	50	249925	50.210	ug/l	99
4) Vinyl Chloride	2.17	62	249095	51.085	ug/l	98
5) Bromomethane	2.54	94	131948	50.945	ug/l	98
6) Chloroethane	2.68	64	148945	50.980	ug/l	97
7) Trichlorofluoromethane	3.00	101	298479	50.725	ug/l	98
8) Diethyl Ether	3.39	74	126861	49.968	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	200874	50.266	ug/l	98
10) Methyl Iodide	3.93	142	223413	50.419	ug/l	99
11) Tert butyl alcohol	4.76	59	188583	281.324	ug/l #	83
12) 1,1-Dichloroethene	3.72	96	193867	49.770	ug/l	99
13) Acrolein	3.59	56	79818	374.366	ug/l	99
14) Allyl chloride	4.30	41	359320	50.689	ug/l	99
15) Acrylonitrile	4.96	53	527636	270.074	ug/l	100
16) Acetone	3.79	43	460707	223.973	ug/l	99
17) Carbon Disulfide	4.03	76	534187	52.025	ug/l	99
18) Methyl Acetate	4.30	43	250007	48.324	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	693239	50.440	ug/l	100
20) Methylene Chloride	4.53	84	235447	49.600	ug/l	99
21) trans-1,2-Dichloroethene	5.02	96	218384	50.417	ug/l	97
22) Diisopropyl ether	5.93	45	790387	51.814	ug/l	96
23) Vinyl Acetate	5.87	43	3239367	281.635	ug/l	100
24) 1,1-Dichloroethane	5.83	63	445642	51.909	ug/l	100
25) 2-Butanone	6.81	43	731751	259.104	ug/l	99
26) 2,2-Dichloropropane	6.81	77	328912	46.602	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	260538	51.463	ug/l	98
28) Bromochloromethane	7.18	49	181406	52.862	ug/l	98
29) Tetrahydrofuran	7.19	42	481304	268.515	ug/l	100
30) Chloroform	7.36	83	447480	51.437	ug/l	99
31) Cyclohexane	7.64	56	410282	49.130	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	376737	52.735	ug/l	99
36) 1,1-Dichloropropene	7.78	75	344337	50.805	ug/l	99
37) Ethyl Acetate	6.91	43	310083	53.963	ug/l	99
38) Carbon Tetrachloride	7.76	117	325177	53.153	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	409325	51.717	ug/l	97
40) Benzene	8.03	78	1001867	51.425	ug/l	99
41) Methacrylonitrile	7.19	41	457622	173.109	ug/l #	16
42) 1,2-Dichloroethane	8.11	62	383083	50.542	ug/l	100
43) Isopropyl Acetate	8.15	43	535956	49.600	ug/l	100
44) Trichloroethene	8.82	130	245666	51.069	ug/l	97
45) 1,2-Dichloropropane	9.11	63	274741	52.583	ug/l	97
46) Dibromomethane	9.20	93	171993	51.979	ug/l	97
47) Bromodichloromethane	9.39	83	344906	55.015	ug/l	99
48) Methyl methacrylate	9.19	41	259533	52.747	ug/l	99
49) 1,4-Dioxane	9.19	88	88309	1342.269	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1580563	284.762	ug/l	99
52) Toluene	10.15	92	626157	51.063	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	373880	54.792	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	411693	54.352	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	235337	52.707	ug/l	99
56) Ethyl methacrylate	10.43	69	371074	54.769	ug/l	99
57) 1,3-Dichloropropane	10.71	76	425962	53.484	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	734259	271.788	ug/l	99
59) 2-Hexanone	10.75	43	1148177	284.091	ug/l	100
60) Dibromochloromethane	10.90	129	242369	52.446	ug/l	97
61) 1,2-Dibromoethane	11.00	107	245120	53.727	ug/l	98
64) Tetrachloroethene	10.63	164	201423	48.704	ug/l	98
65) Chlorobenzene	11.43	112	655528	50.662	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	229393	52.618	ug/l	99
67) Ethyl Benzene	11.51	91	1238690	52.852	ug/l	100
68) m/p-Xylenes	11.62	106	905337	102.670	ug/l	98
69) o-Xylene	11.95	106	430466	50.712	ug/l	96
70) Styrene	11.97	104	746848	54.158	ug/l	100
71) Bromoform	12.13	173	158173	52.466	ug/l #	100
73) Isopropylbenzene	12.25	105	1201079	51.296	ug/l	100
74) N-amyl acetate	12.07	43	489694	52.571	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.51	83	352777	50.952	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	442700	76.500	ug/l #	100
77) Bromobenzene	12.53	156	269994	49.178	ug/l	97
78) n-propylbenzene	12.60	91	1427662	54.121	ug/l	99
79) 2-Chlorotoluene	12.68	91	825416	50.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	1026584	52.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	98472	51.681	ug/l	98
82) 4-Chlorotoluene	12.78	91	852727	51.325	ug/l	99
83) tert-Butylbenzene	13.00	119	864724	52.284	ug/l	100
84) 1,2,4-Trimethylbenzene	13.05	105	1019319	51.906	ug/l	99
85) sec-Butylbenzene	13.18	105	1180304	54.220	ug/l	100
86) p-Isopropyltoluene	13.30	119	1053330	54.970	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	507075	50.936	ug/l	100
88) 1,4-Dichlorobenzene	13.37	146	498375	50.317	ug/l	99
89) n-Butylbenzene	13.62	91	946707	54.542	ug/l	100
90) Hexachloroethane	13.88	117	166823	57.945	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	497620	52.024	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	69158	56.642	ug/l	95

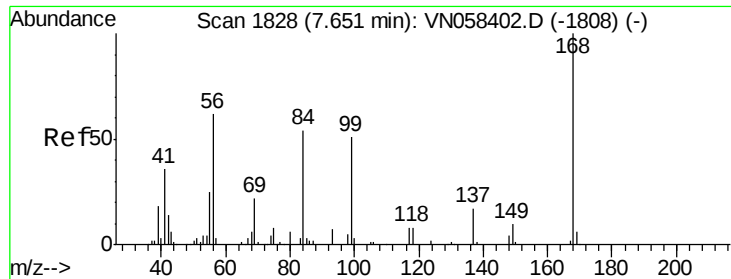
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	292235	55.288	ug/l	100
94) Hexachlorobutadiene	15.02	225	138247	50.886	ug/l	98
95) Naphthalene	15.13	128	788515	50.940	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	278652	52.584	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

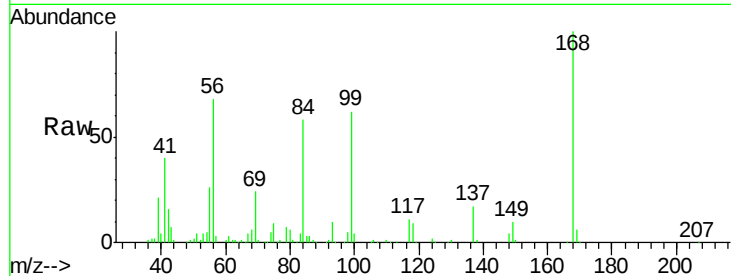
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 412917

Ion Ratio Lower Upper

168 100

99 61.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNC

7.65

150000

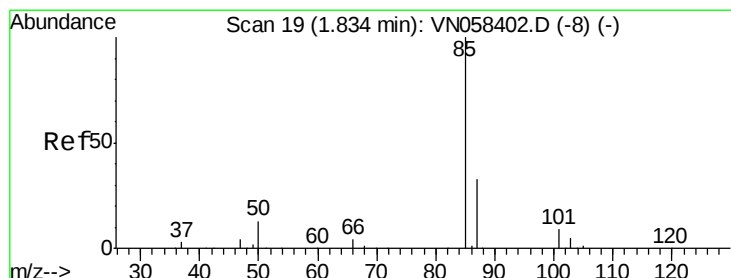
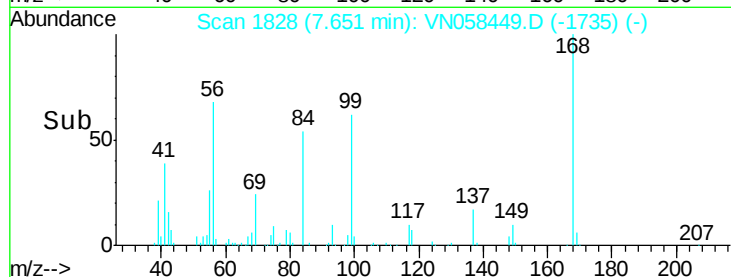
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.249 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN058449.D

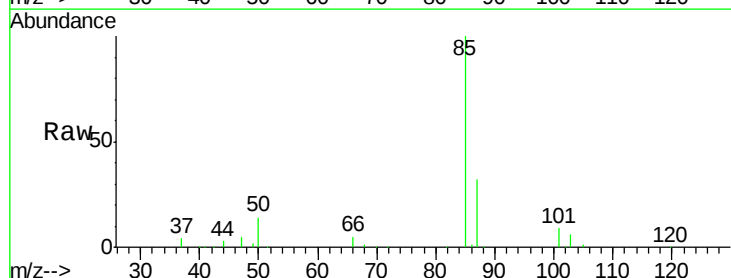
Acq: 30 Sep 2019 20:20

Tgt Ion: 85 Resp: 227506

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNC

Ion 86.90 (86.60 to 87.60): VNC

1.83

200000

150000

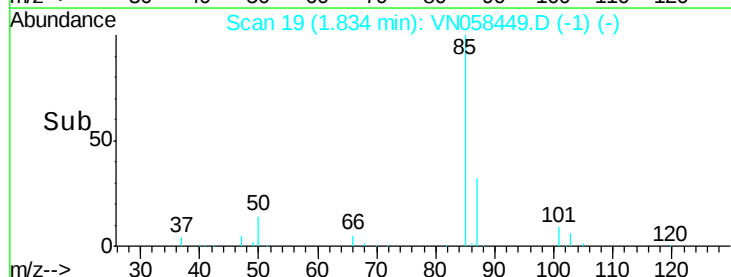
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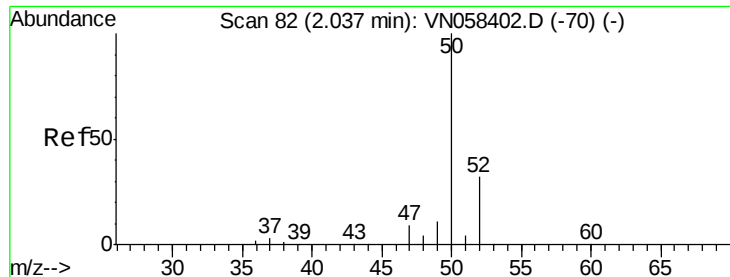
50000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 50.210 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

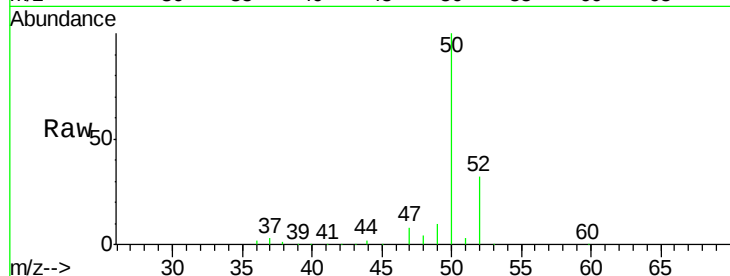
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 249925

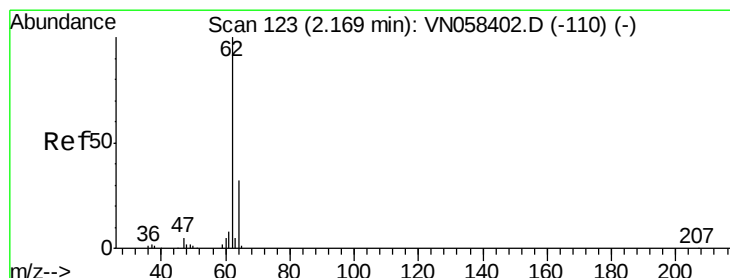
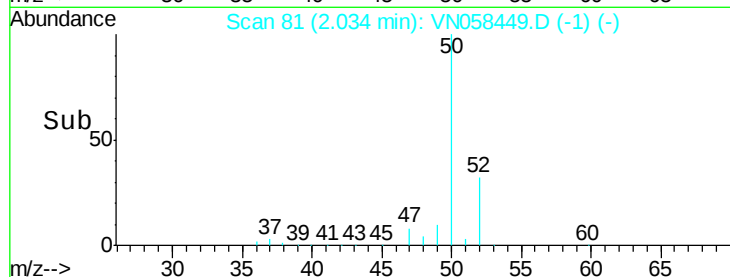
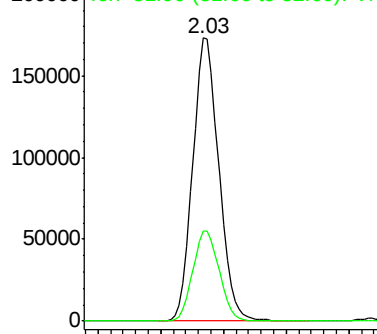
Ion Ratio Lower Upper

50 100

52 31.7 25.9 38.9



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



#4

Vinyl Chloride

Concen: 51.085 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN058449.D

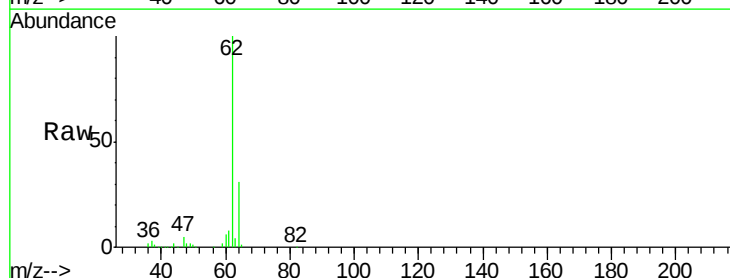
Acq: 30 Sep 2019 20:20

Tgt Ion: 62 Resp: 249095

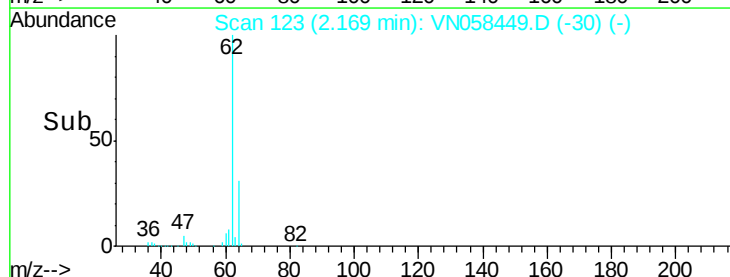
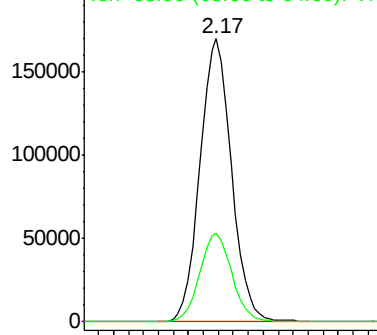
Ion Ratio Lower Upper

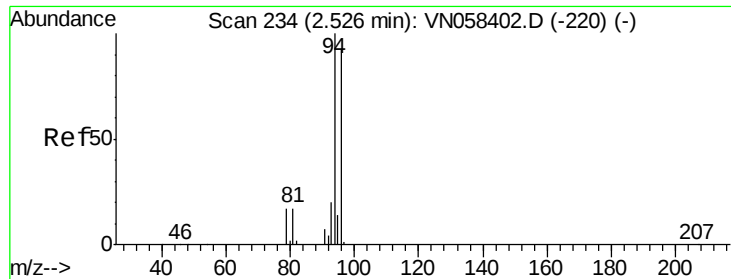
62 100

64 31.1 25.5 38.3



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





#5

Bromomethane

Concen: 50.945 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.02 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

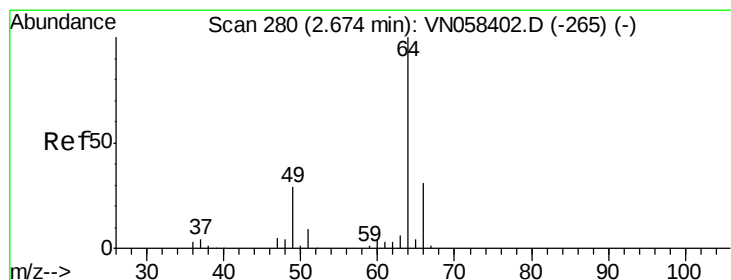
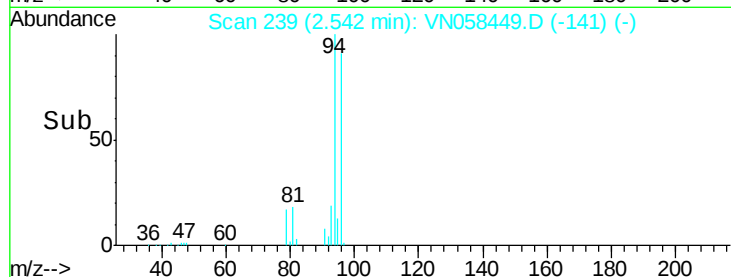
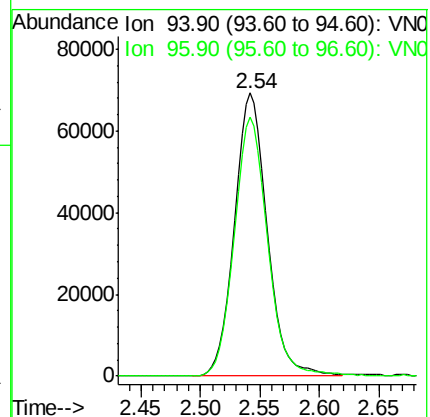
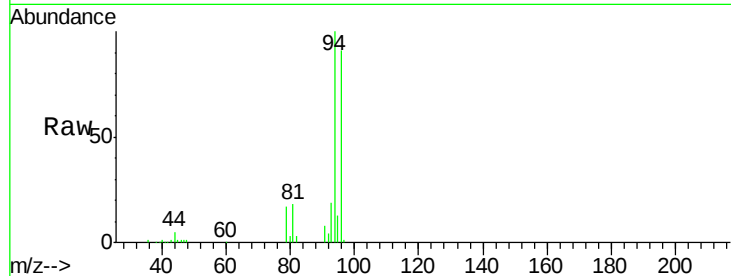
ClientSampleId :

Tot Ion: 94 Resp: 131948

Ion Ratio Lower Upper

94 100

96 91.4 74.8 112.2



#6

Chloroethane

Concen: 50.980 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.01 min

Lab File: VN058449.D

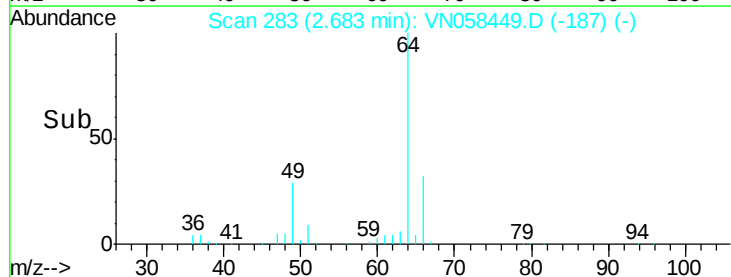
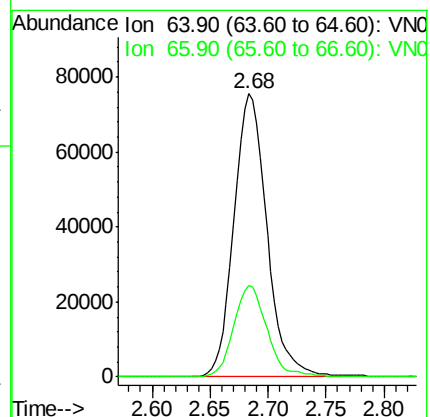
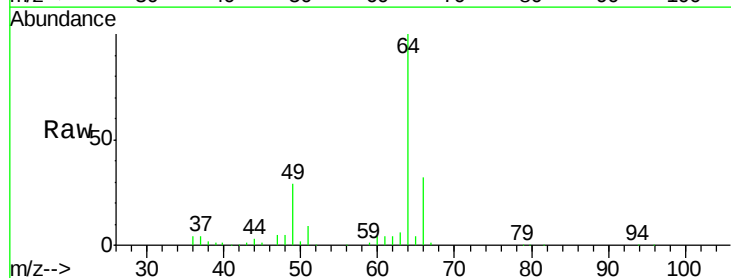
Acq: 30 Sep 2019 20:20

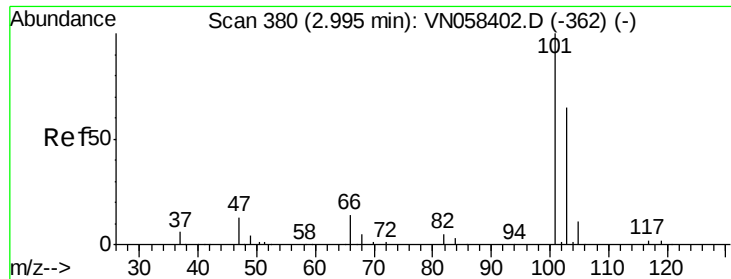
Tgt Ion: 64 Resp: 148945

Ion Ratio Lower Upper

64 100

66 32.3 24.4 36.6



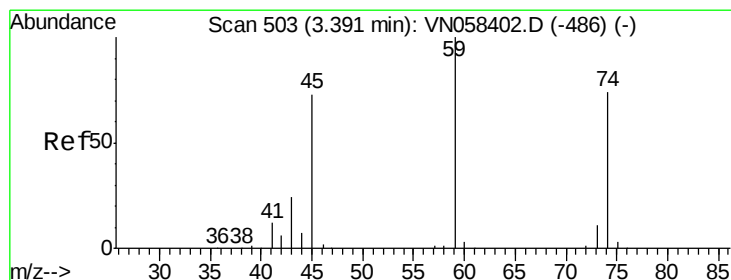
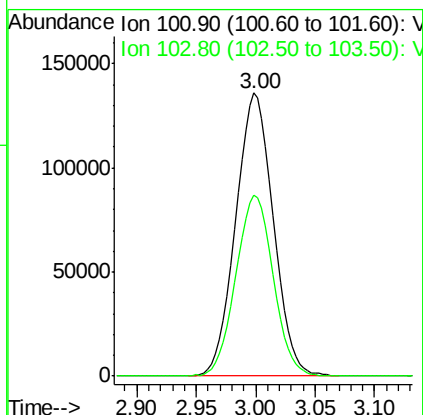
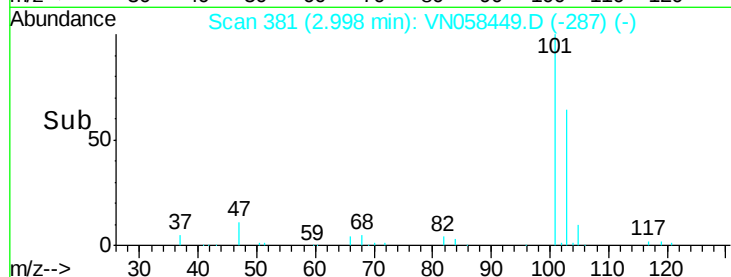
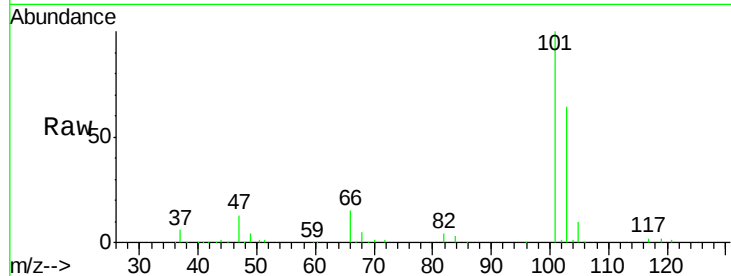


#7

Trichlorofluoromethane
 Concen: 50.725 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Instrument :
 MSVOA_N
 ClientSampled :

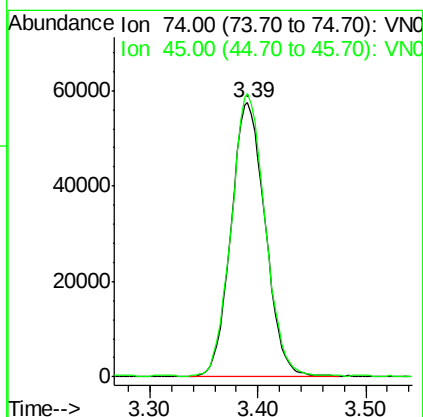
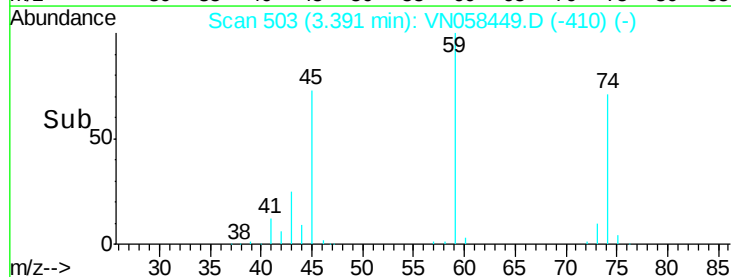
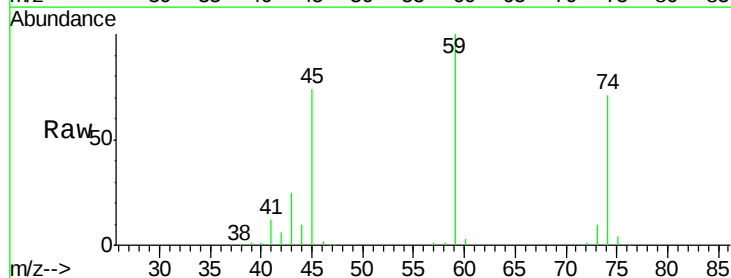
Tot Ion:101 Resp: 298479
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5

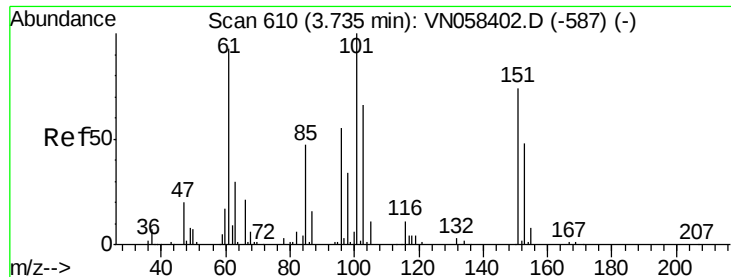


#8

Diethyl Ether
 Concen: 49.968 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion: 74 Resp: 126861
 Ion Ratio Lower Upper
 74 100
 45 101.9 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.266 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

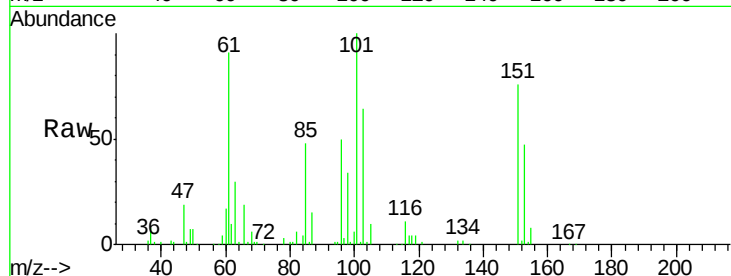
Tot Ion:101 Resp: 200874

Ion Ratio Lower Upper

101 100

85 47.8 36.7 55.1

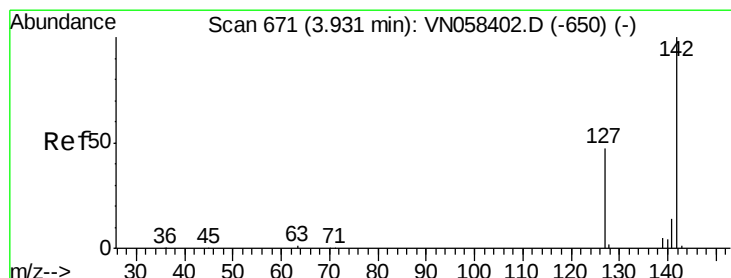
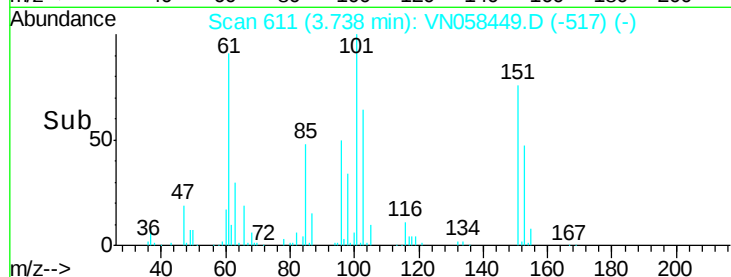
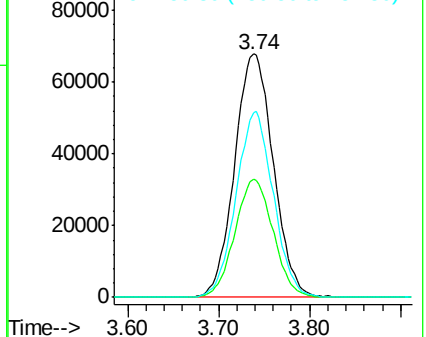
151 73.6 59.4 89.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.419 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

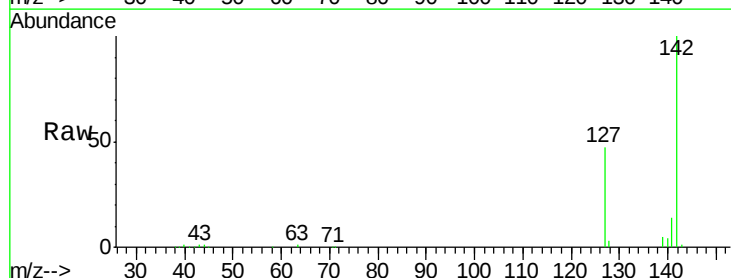
Tgt Ion:142 Resp: 223413

Ion Ratio Lower Upper

142 100

127 47.4 37.2 55.8

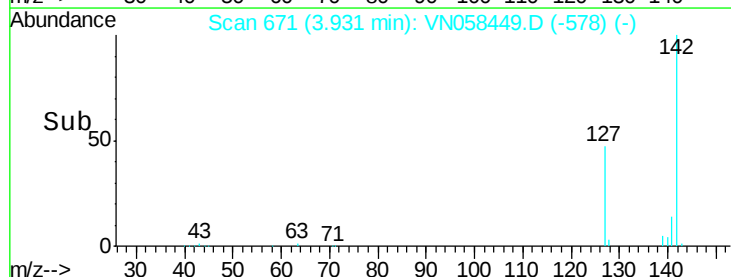
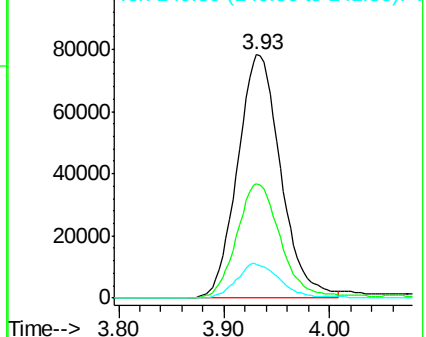
141 14.2 11.3 16.9

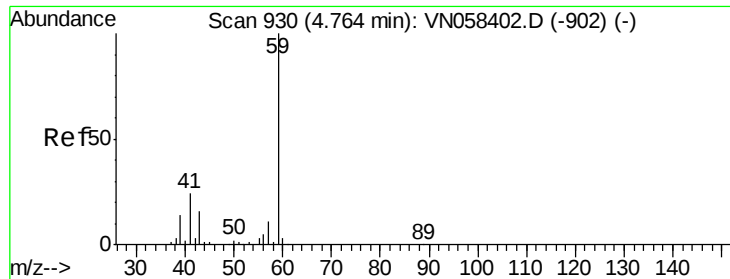


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

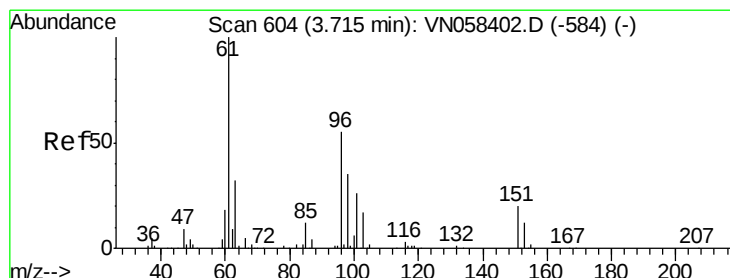
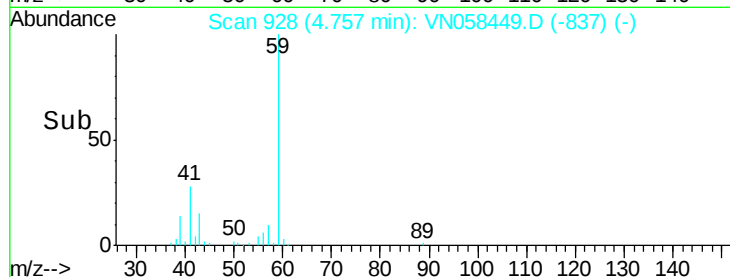
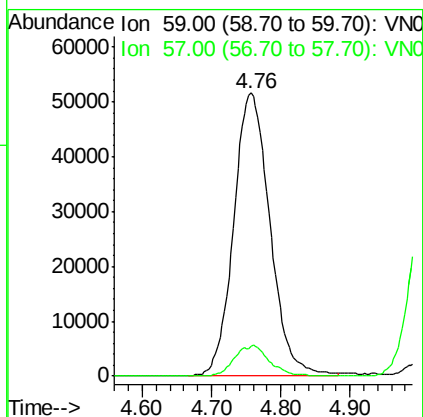
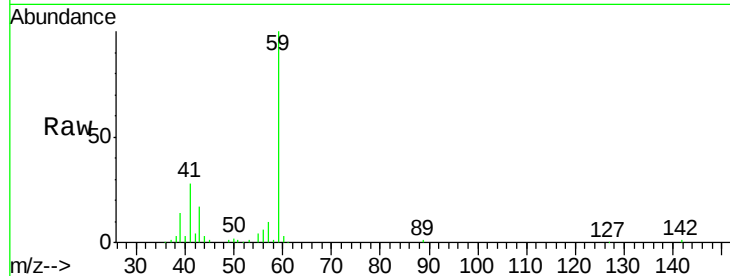




#11
Tert butyl alcohol
Concen: 281.324 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.01 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

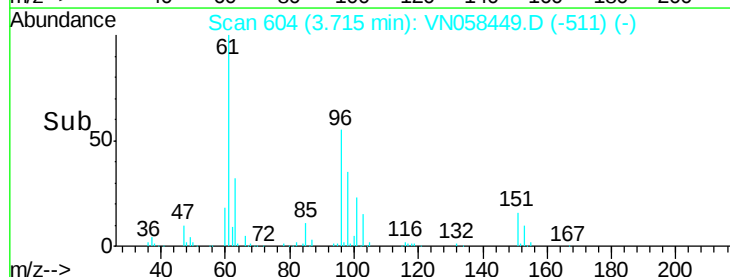
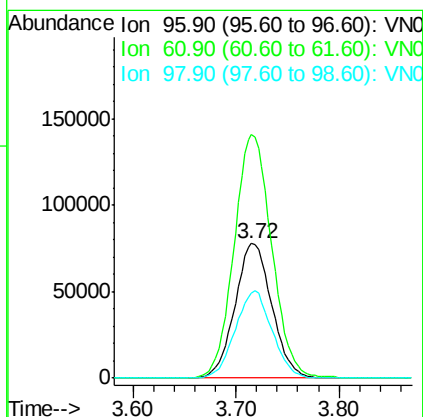
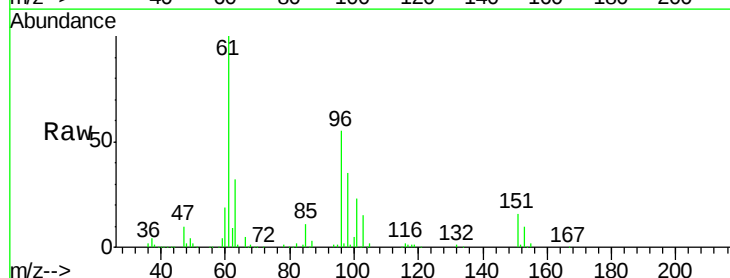
Instrument :
MSVOA_N
ClientSampleId :

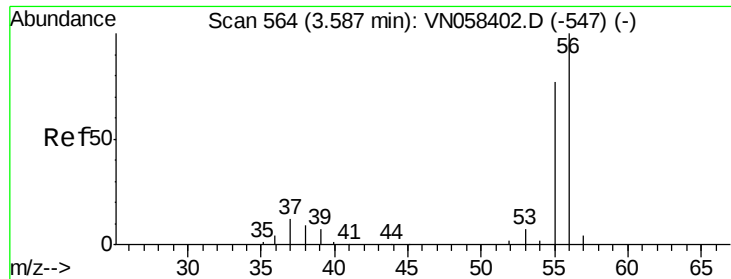
Tot Ion: 59 Resp: 188583
Ion Ratio Lower Upper
59 100
57 4.7 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 49.770 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 96 Resp: 193867
Ion Ratio Lower Upper
96 100
61 181.1 146.7 220.1
98 63.6 51.3 76.9





#13

Acrolein

Concen: 374.366 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

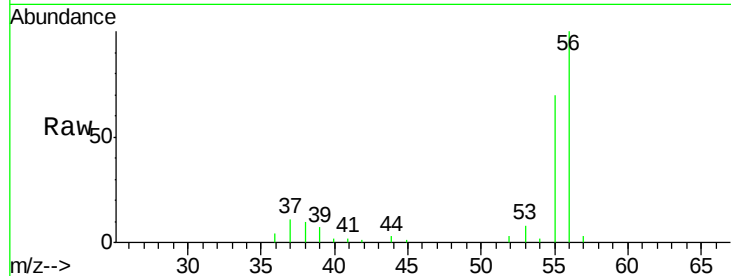
ClientSampleId :

Tot Ion: 56 Resp: 79818

Ion Ratio Lower Upper

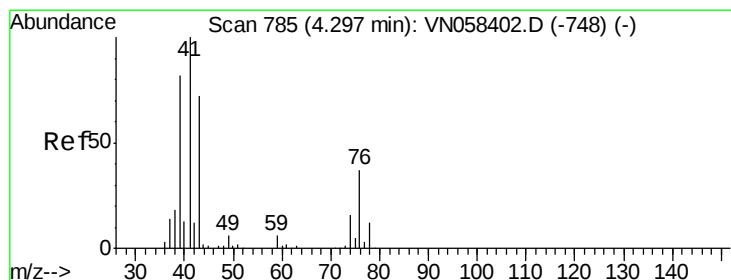
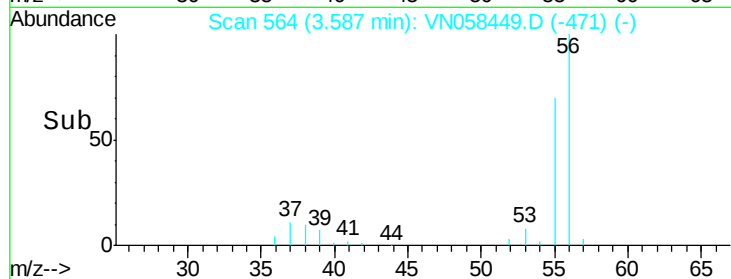
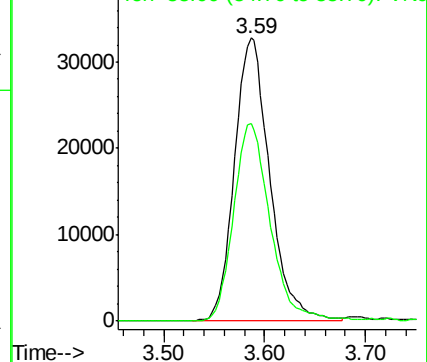
56 100

55 72.4 58.3 87.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.689 ug/l

RT: 4.30 min Scan# 786

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

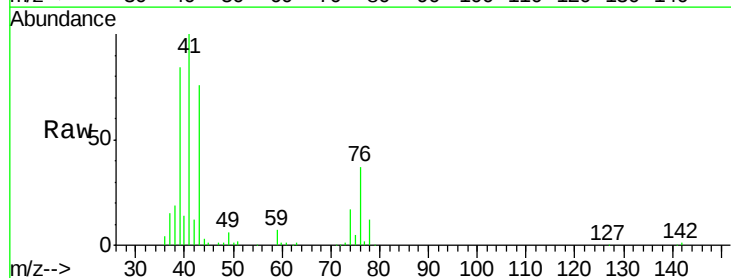
Tgt Ion: 41 Resp: 359320

Ion Ratio Lower Upper

41 100

39 76.8 62.3 93.5

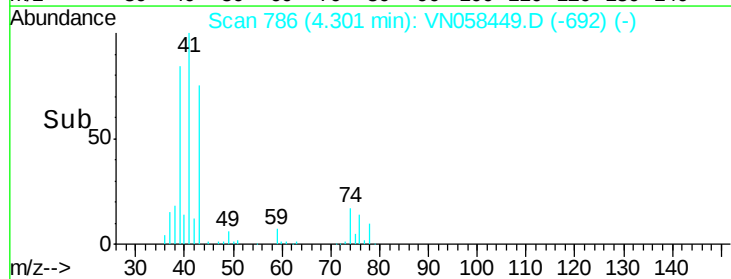
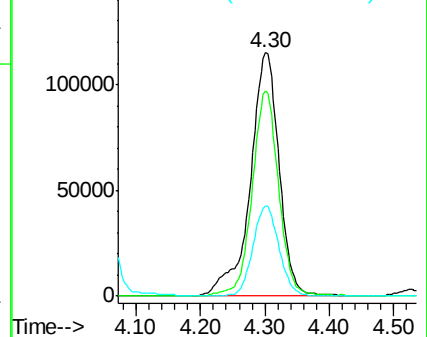
76 33.1 26.9 40.3

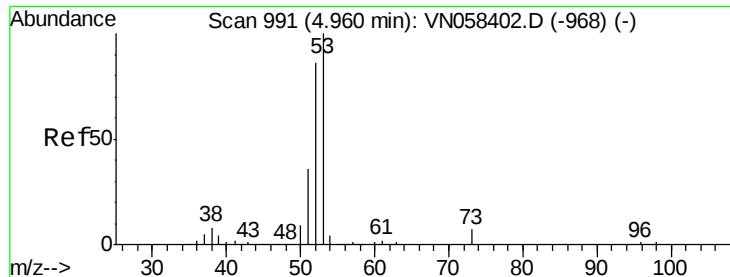


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 270.074 ug/l

RT: 4.96 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampled :

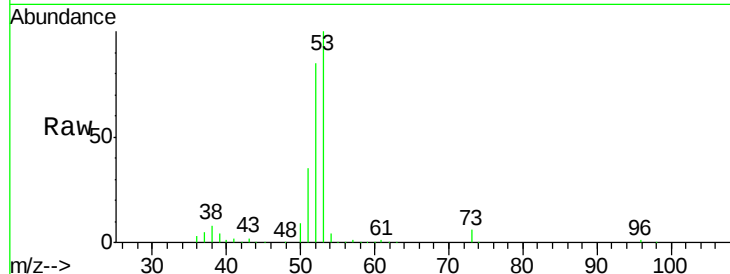
Tot Ion: 53 Resp: 527636

Ion Ratio Lower Upper

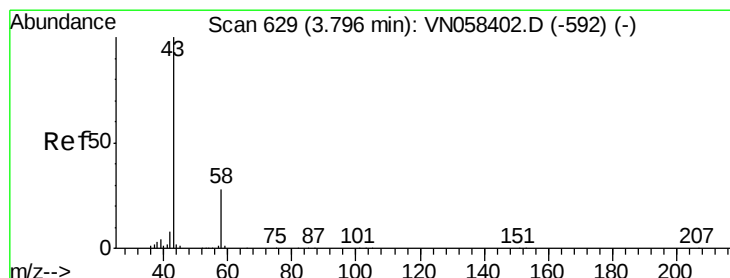
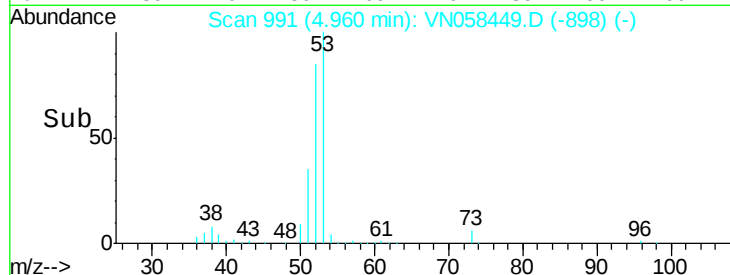
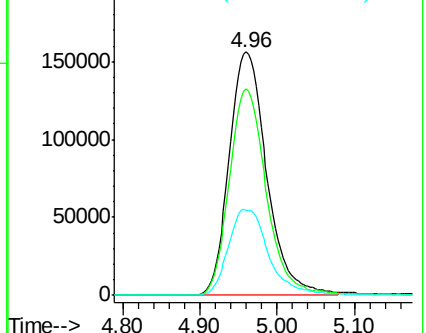
53 100

52 83.5 66.6 100.0

51 37.9 29.8 44.8



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



#16

Acetone

Concen: 223.973 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN058449.D

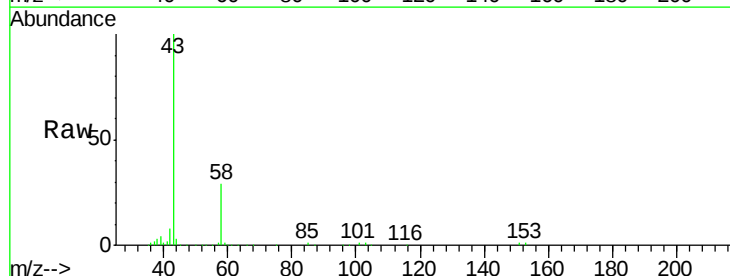
Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 460707

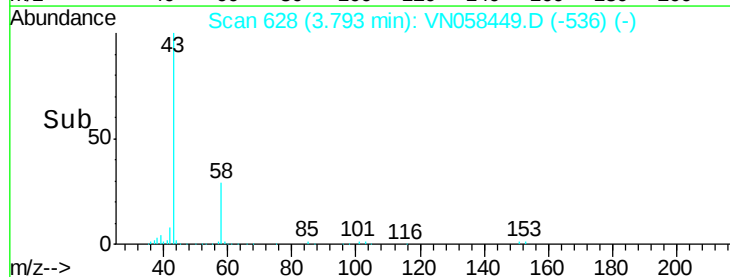
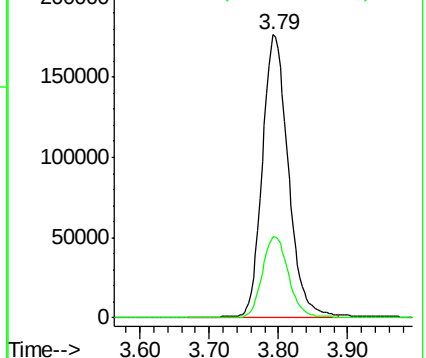
Ion Ratio Lower Upper

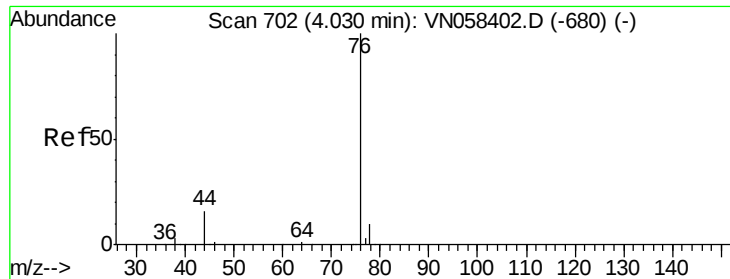
43 100

58 28.6 22.4 33.6



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

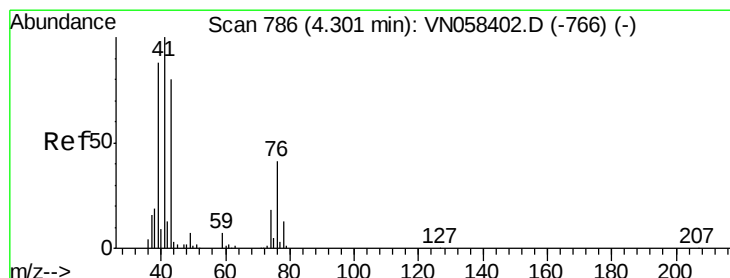
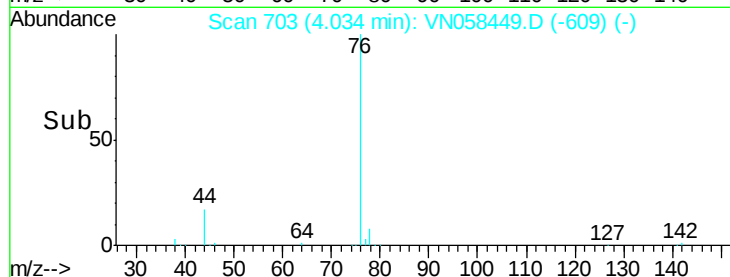
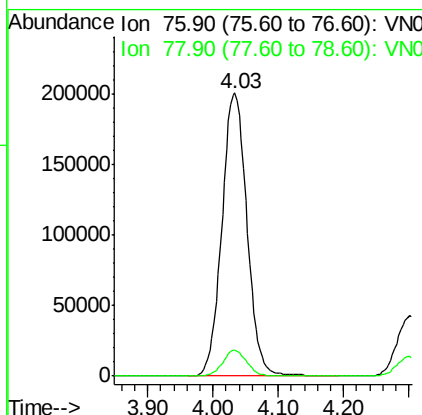
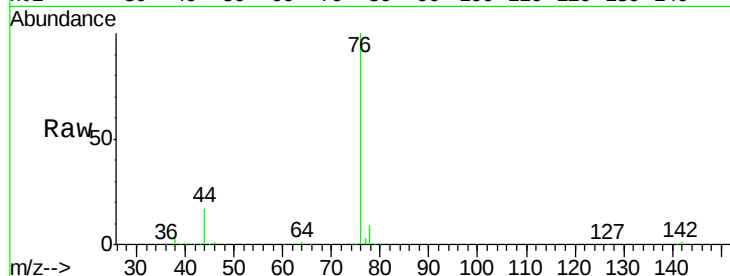




#17
Carbon Disulfide
Concen: 52.025 ug/l
RT: 4.03 min Scan# 703
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

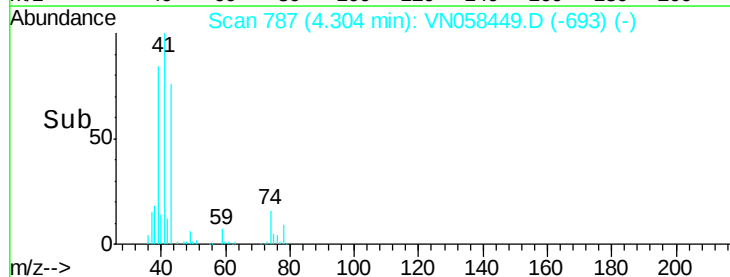
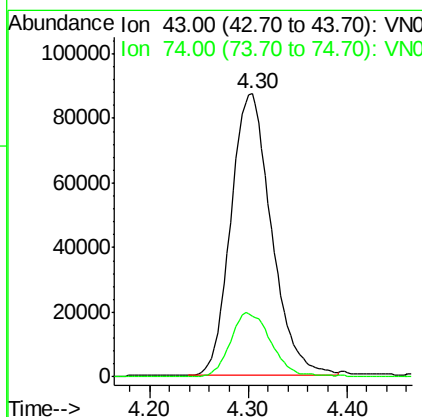
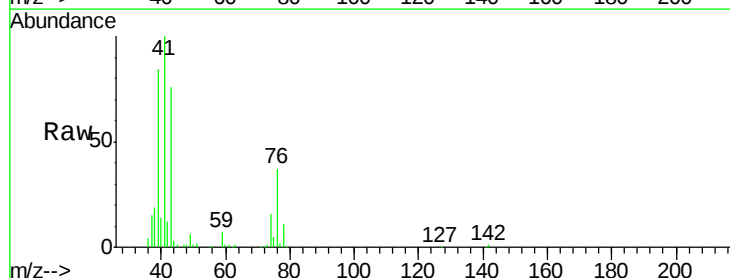
Instrument :
MSVOA_N
ClientSampled :

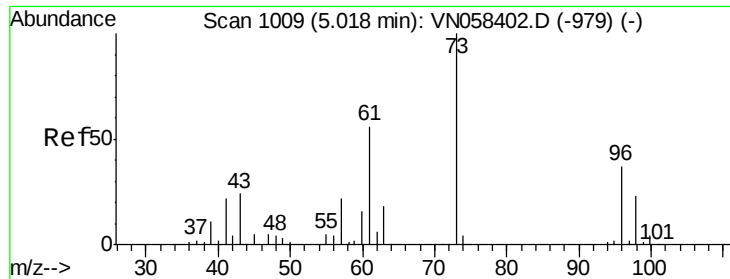
Tot Ion: 76 Resp: 534187
Ion Ratio Lower Upper
76 100
78 9.2 7.7 11.5



#18
Methyl Acetate
Concen: 48.324 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 250007
Ion Ratio Lower Upper
43 100
74 22.8 18.0 27.0

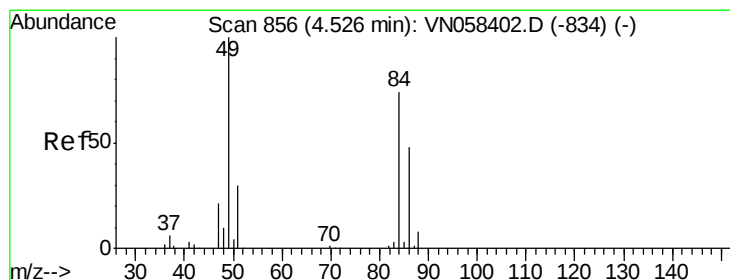
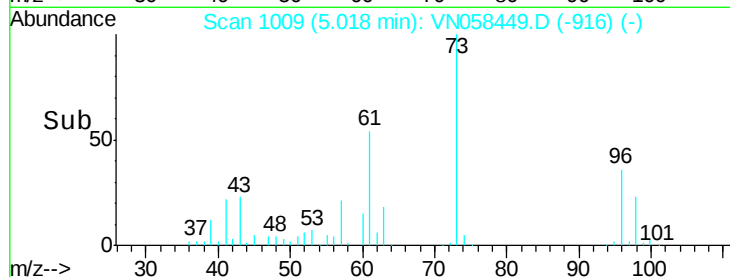
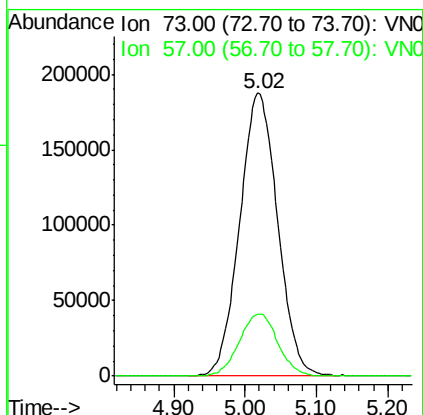
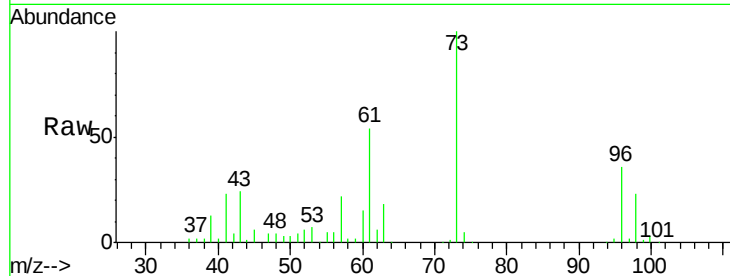




#19
Methyl tert-butyl Ether
Concen: 50.440 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

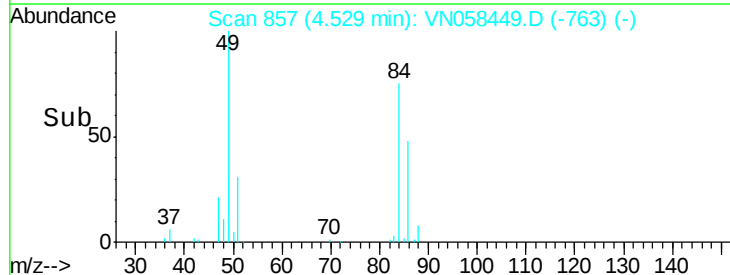
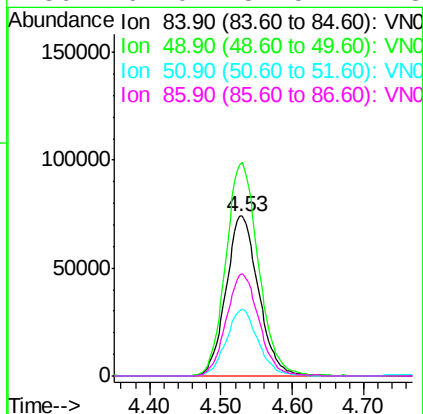
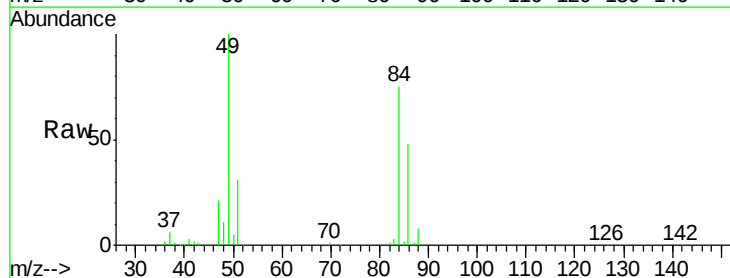
Instrument :
MSVOA_N
ClientSampleId :

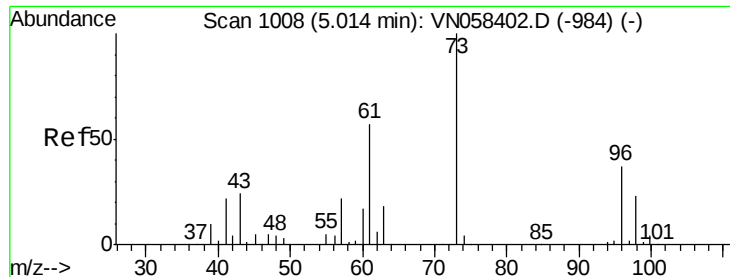
Tot Ion: 73 Resp: 693239
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4



#20
Methylene Chloride
Concen: 49.600 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 84 Resp: 235447
Ion Ratio Lower Upper
84 100
49 133.5 107.9 161.9
51 41.5 32.8 49.2
86 64.0 51.5 77.3

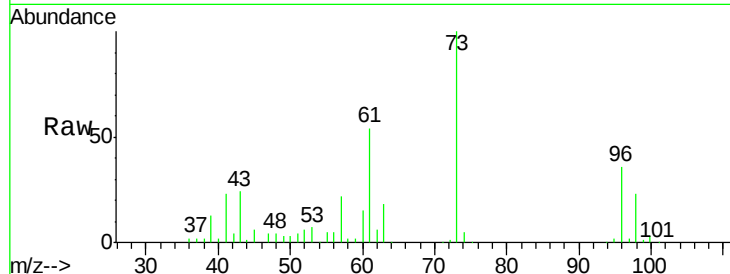




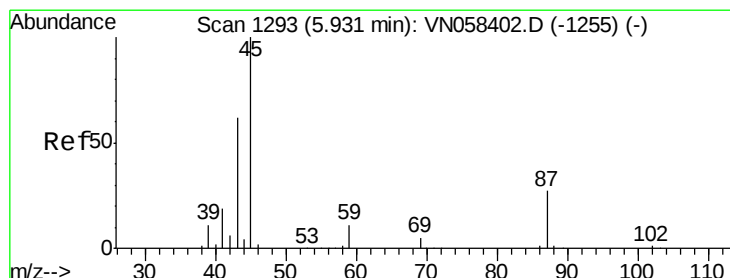
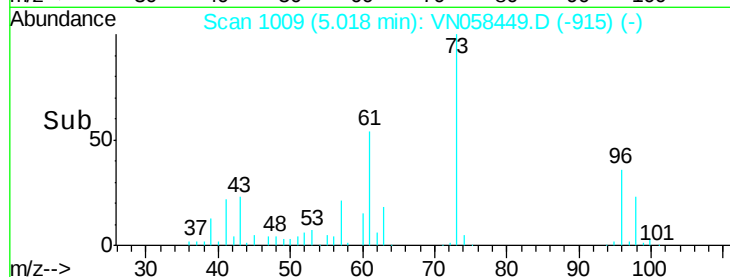
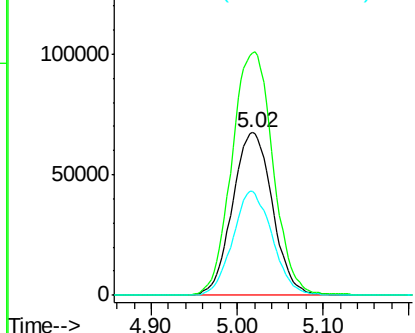
#21
trans-1,2-Dichloroethene
Concen: 50.417 ug/l
RT: 5.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 218384
Ion Ratio Lower Upper
96 100
61 148.9 121.9 182.9
98 64.3 49.3 73.9

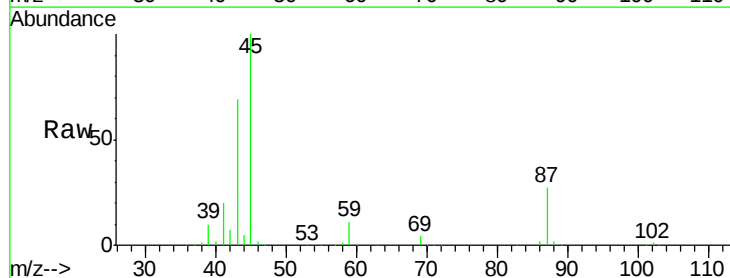


Abundance Ion 95.90 (95.60 to 96.60): VNO
Ion 60.90 (60.60 to 61.60): VNO
Ion 97.90 (97.60 to 98.60): VNO

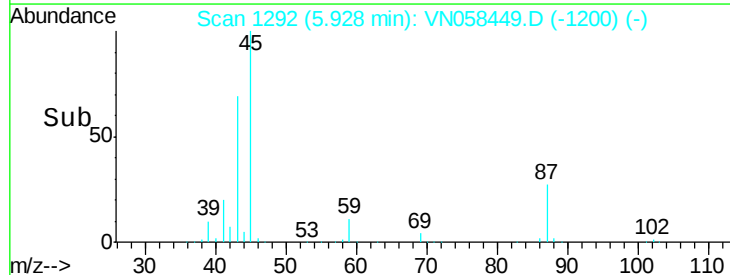
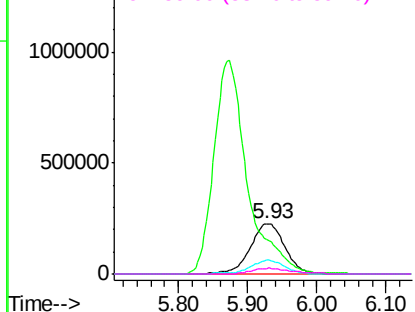


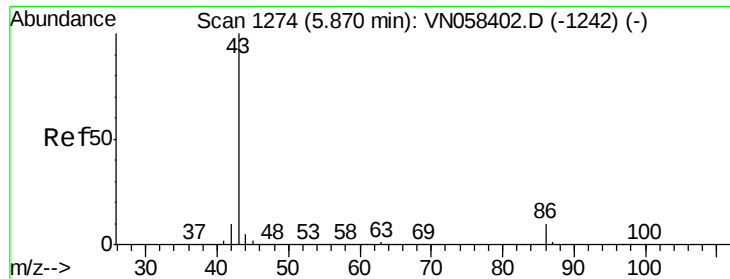
#22
Diisopropyl ether
Concen: 51.814 ug/l
RT: 5.93 min Scan# 1292
Delta R.T. -0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 45 Resp: 790387
Ion Ratio Lower Upper
45 100
43 66.8 49.7 74.5
87 26.6 21.5 32.3
59 11.0 8.9 13.3



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

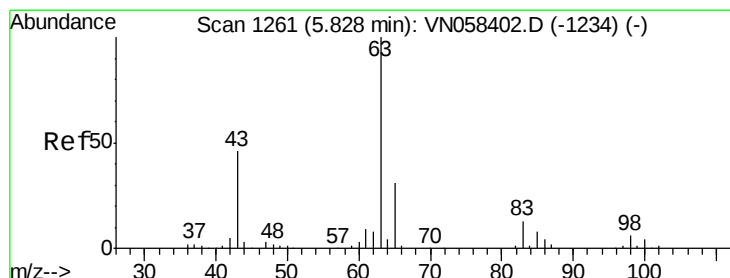
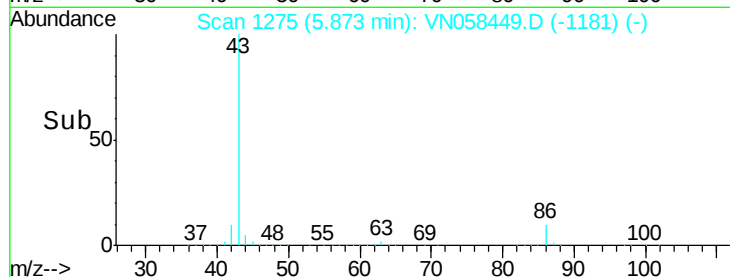
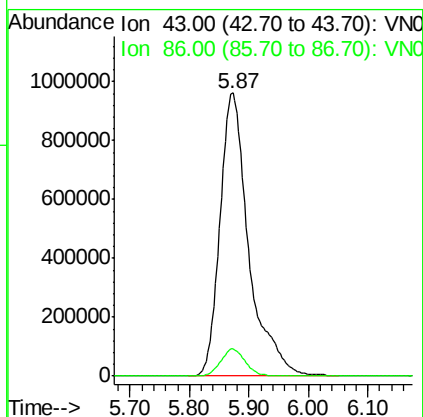
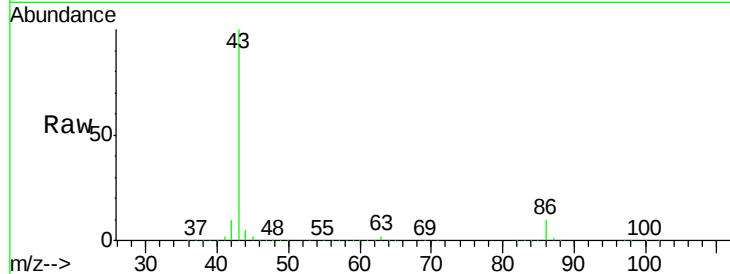




#23
 Vinyl Acetate
 Concen: 281.635 ug/l
 RT: 5.87 min Scan# 1275
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

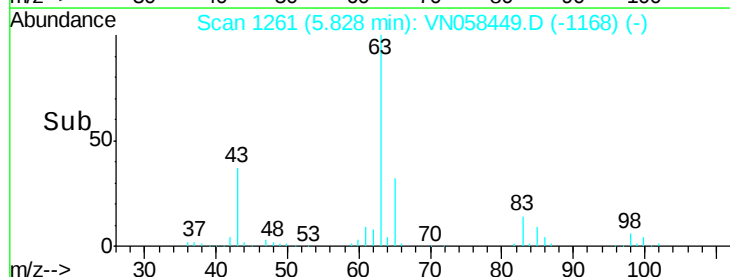
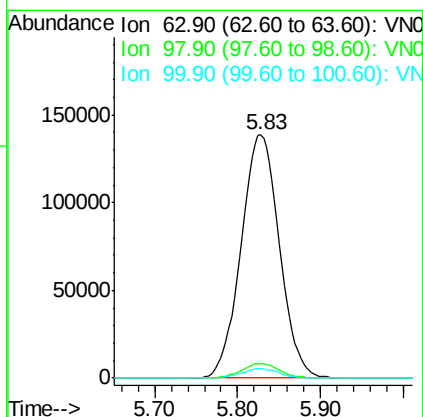
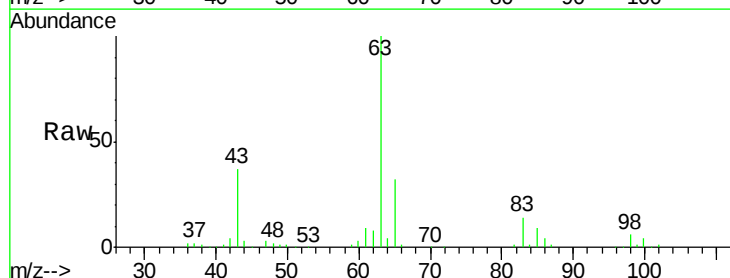
Instrument :
 MSVOA_N
 ClientSampleId :

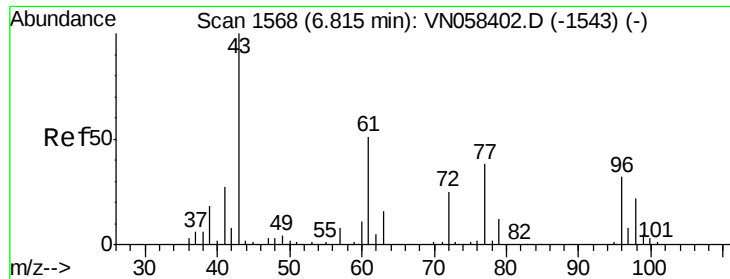
Tot Ion: 43 Resp: 3239367
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 51.909 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion: 63 Resp: 445642
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.0 9.0
 100 3.9 2.0 5.8





#25

2-Butanone

Concen: 259.104 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

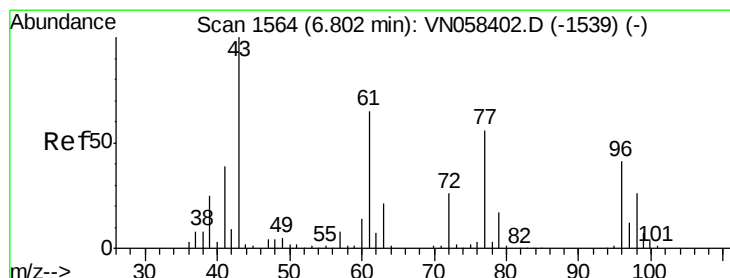
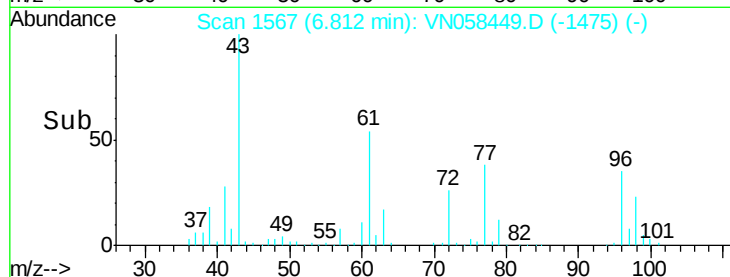
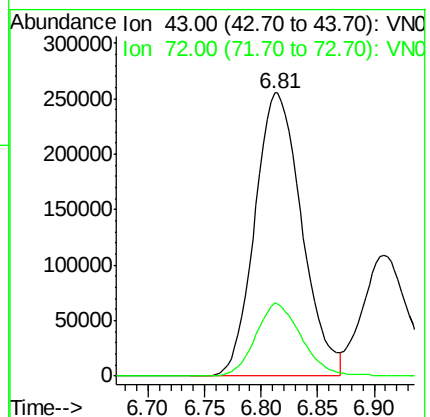
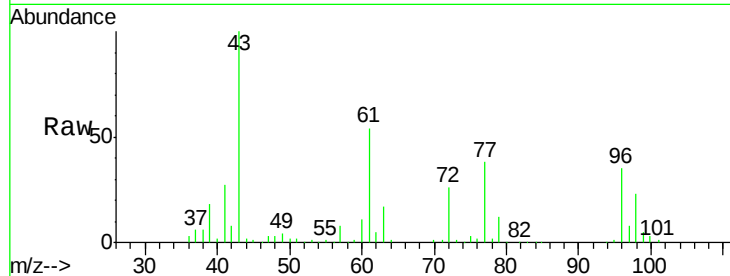
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 731751

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 46.602 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN058449.D

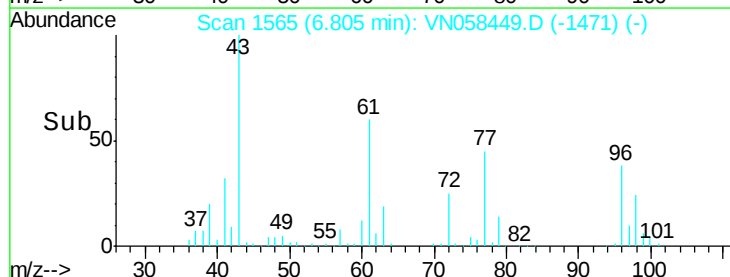
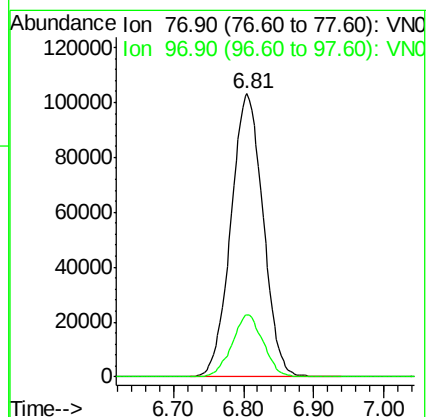
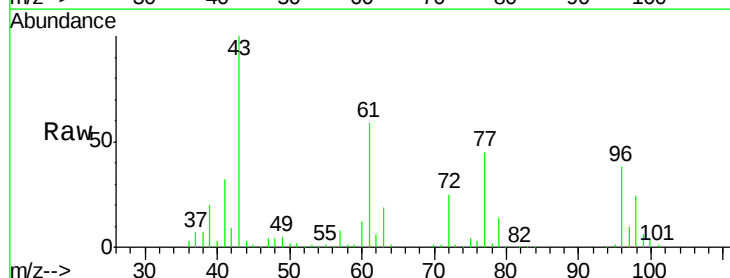
Acq: 30 Sep 2019 20:20

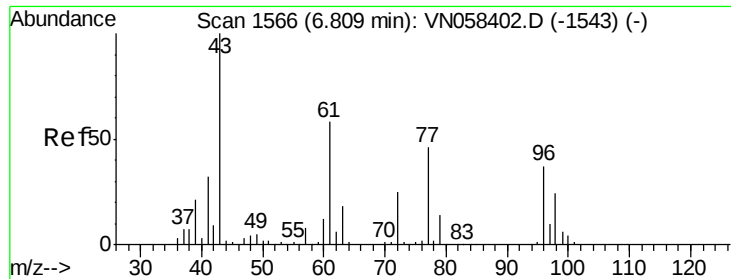
Tgt Ion: 77 Resp: 328912

Ion Ratio Lower Upper

77 100

97 21.2 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 51.463 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :

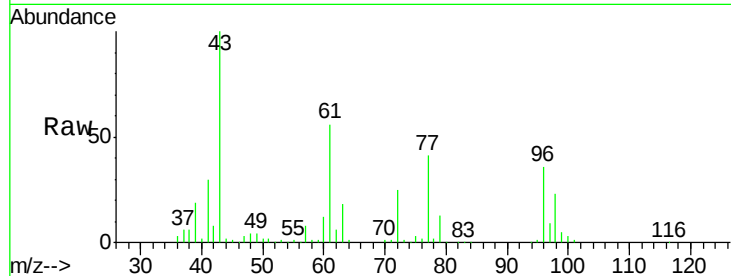
Tot Ion: 96 Resp: 260538

Ion Ratio Lower Upper

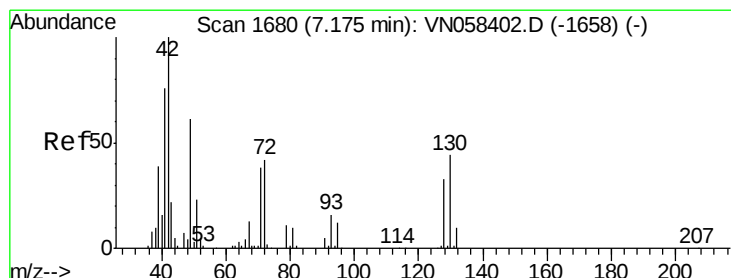
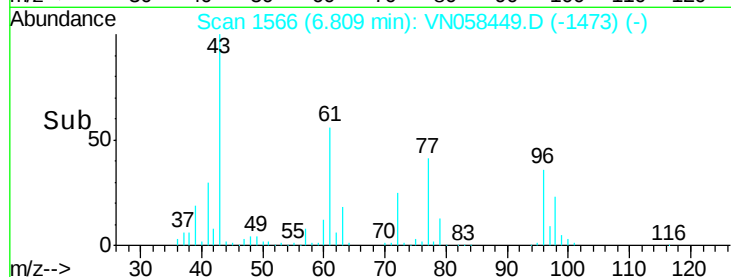
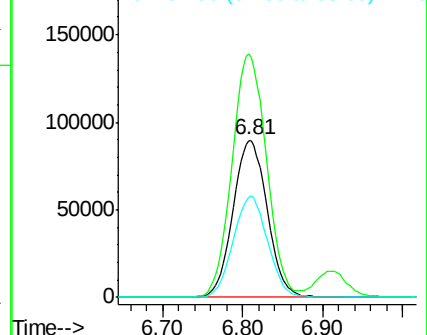
96 100

61 156.3 0.0 318.8

98 64.8 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 52.862 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

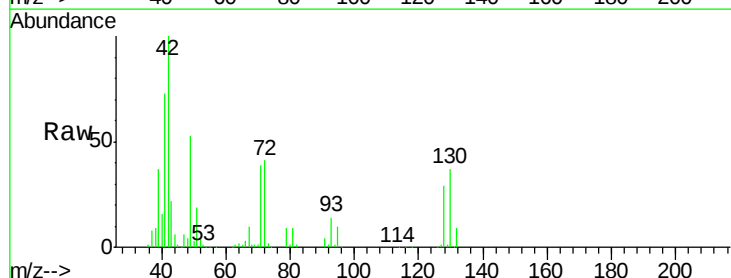
Tgt Ion: 49 Resp: 181406

Ion Ratio Lower Upper

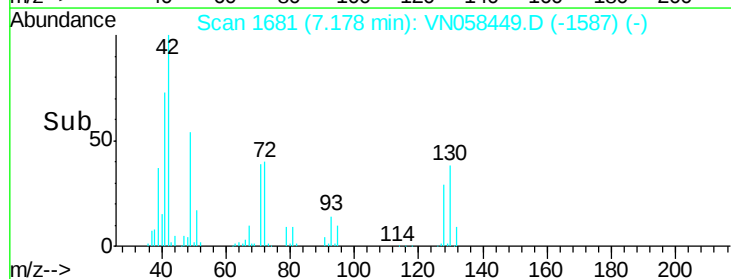
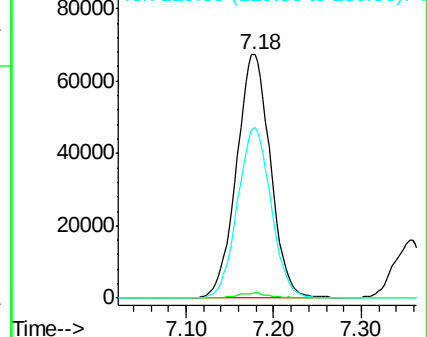
49 100

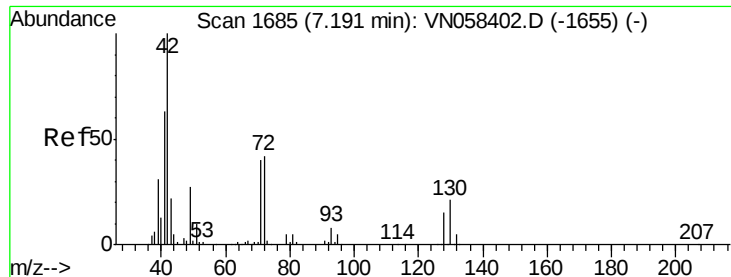
129 1.9 0.0 3.4

130 69.0 56.3 84.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

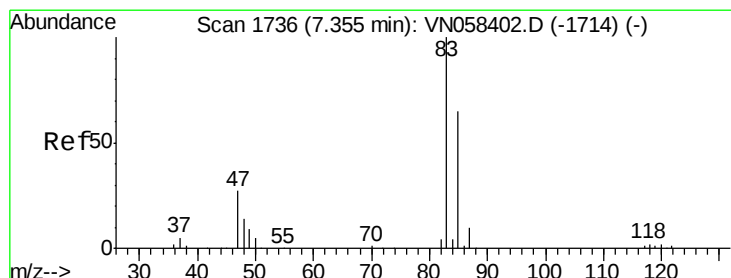
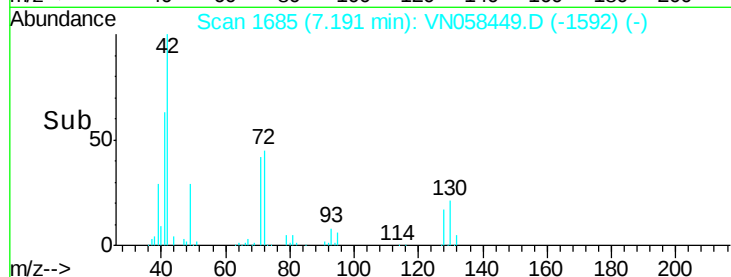
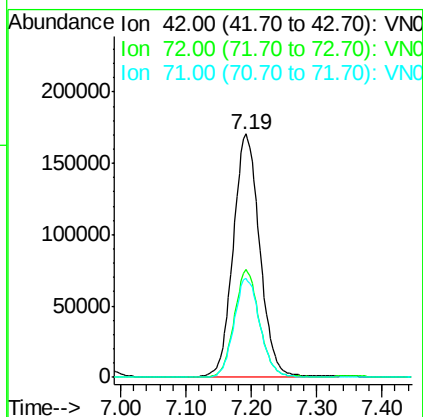
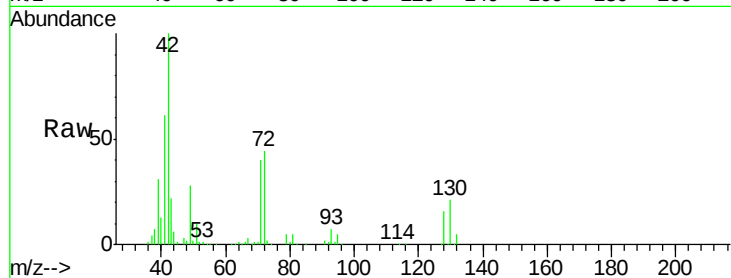




#29
Tetrahydrofuran
Concen: 268.515 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

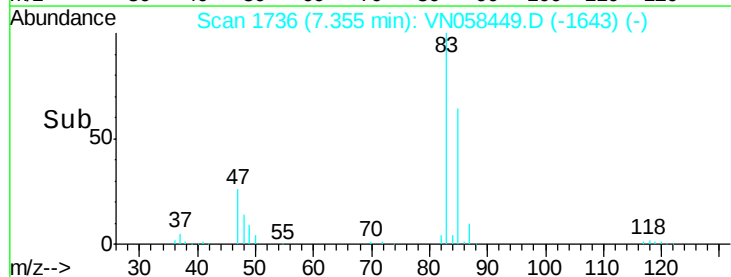
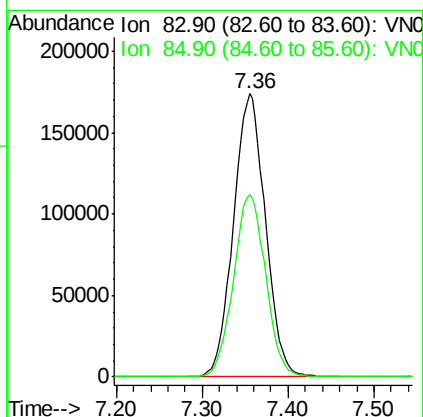
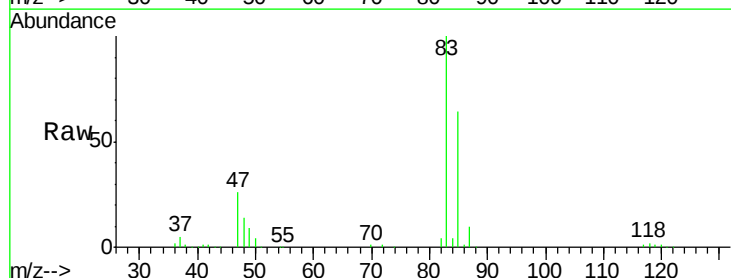
Instrument :
MSVOA_N
ClientSampled :

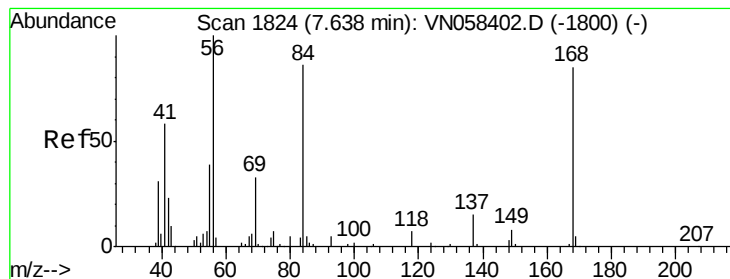
Tot Ion: 42 Resp: 481304
Ion Ratio Lower Upper
42 100
72 41.8 33.7 50.5
71 39.8 31.8 47.6



#30
Chloroform
Concen: 51.437 ug/l
RT: 7.36 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 83 Resp: 447480
Ion Ratio Lower Upper
83 100
85 64.4 52.0 78.0





#31

Cyclohexane

Concen: 49.130 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampled :

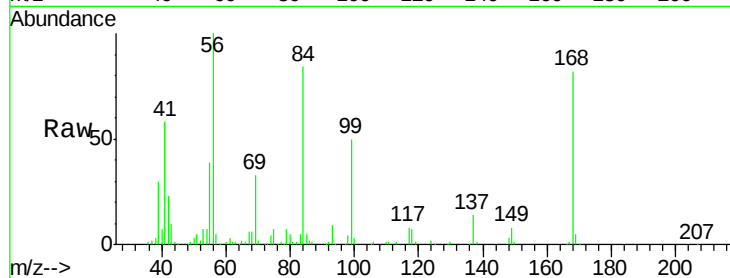
Tot Ion: 56 Resp: 410282

Ion Ratio Lower Upper

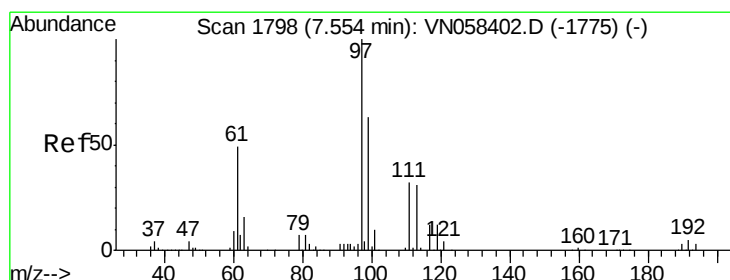
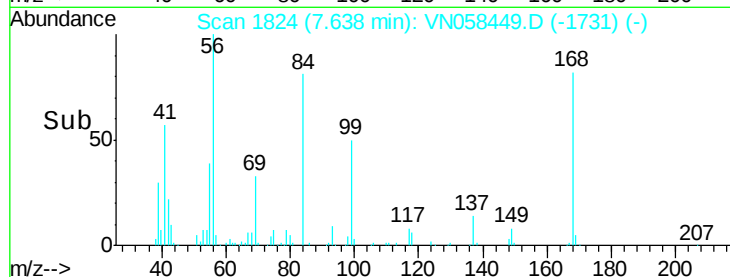
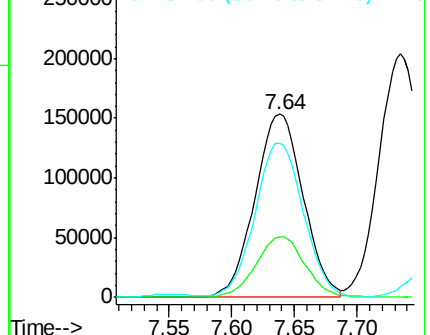
56 100

69 33.0 26.2 39.4

84 83.1 67.6 101.4



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



#32

1,1,1-Trichloroethane

Concen: 52.735 ug/l

RT: 7.55 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

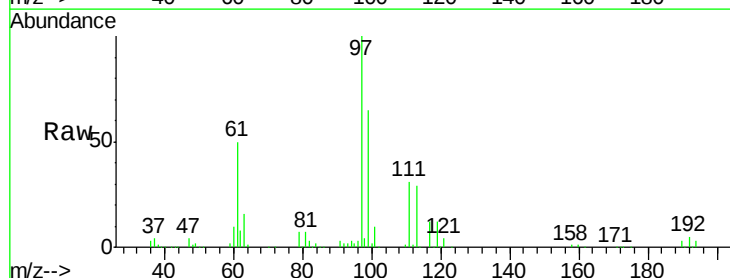
Tgt Ion: 97 Resp: 376737

Ion Ratio Lower Upper

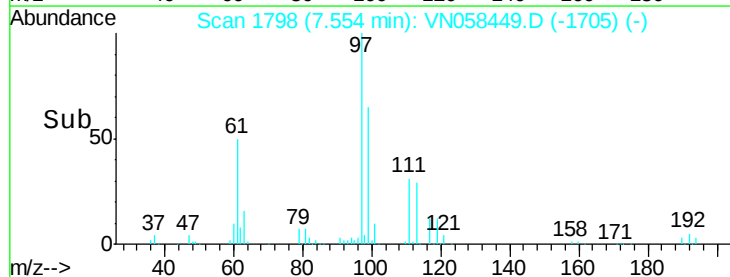
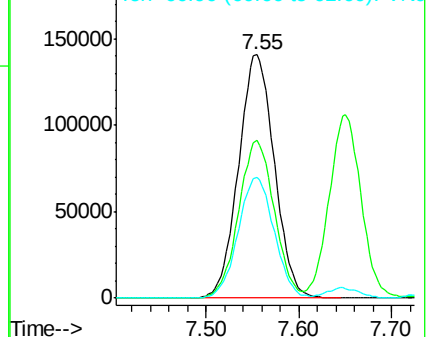
97 100

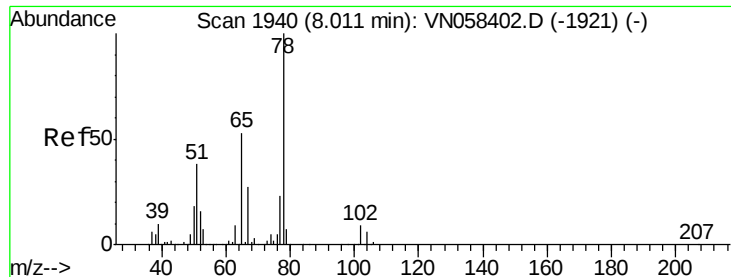
99 64.7 51.1 76.7

61 49.9 39.2 58.8



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





#33

1,2-Dichloroethane-d4

Concen: 50.772 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

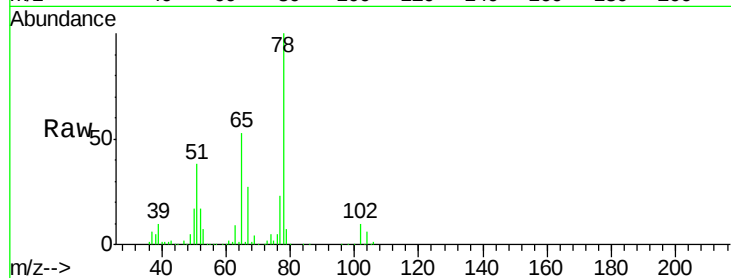
ClientSampleId :

Tot Ion: 65 Resp: 306366

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.01

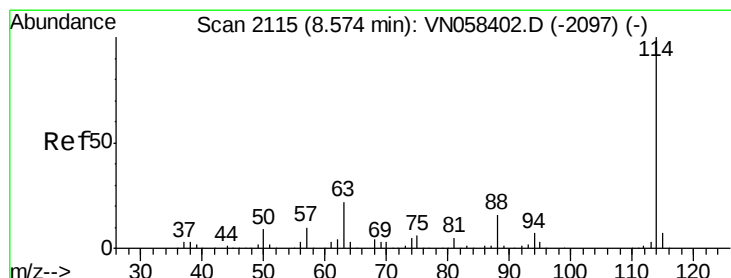
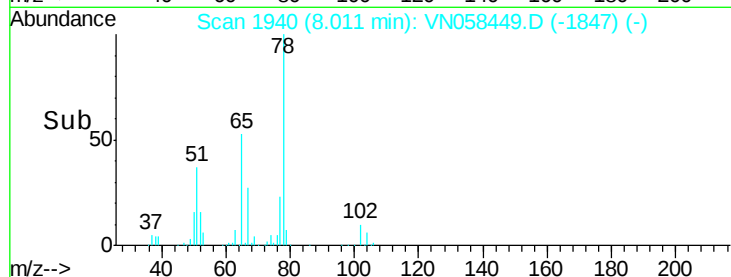
150000

100000

50000

0

Time--> 7.90 7.95 8.00 8.05 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

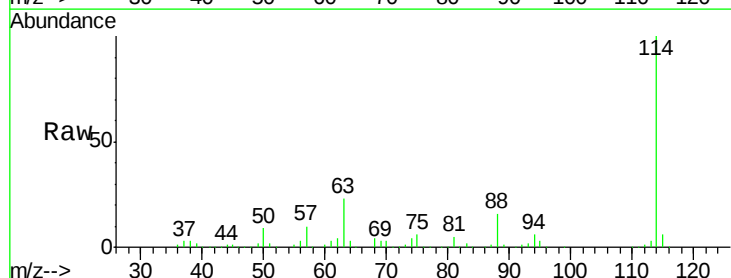
Tgt Ion: 114 Resp: 708808

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.0

88 15.9 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.57

400000

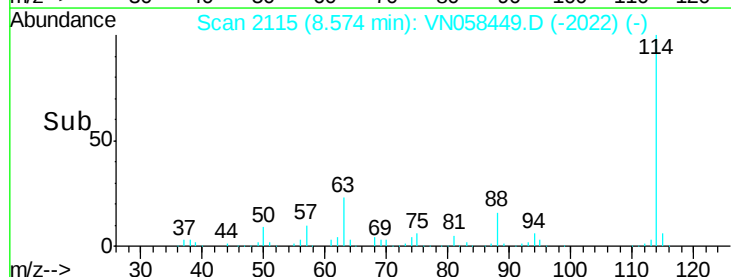
300000

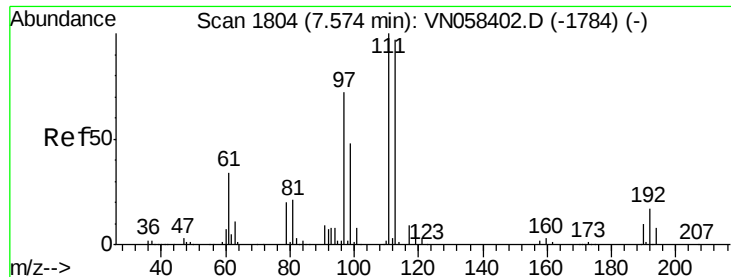
200000

100000

0

Time--> 8.50 8.55 8.60 8.65 8.70

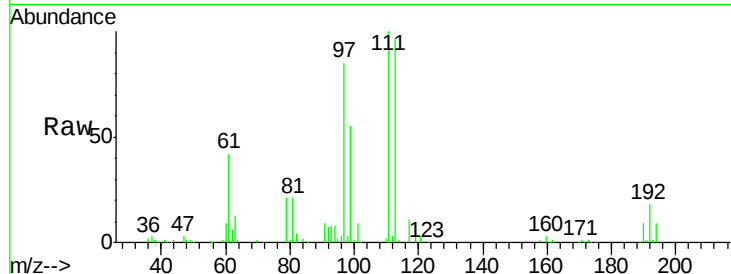




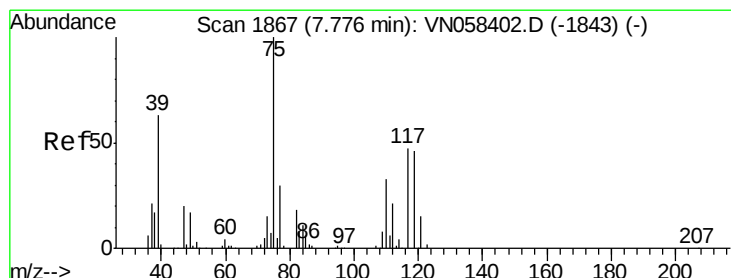
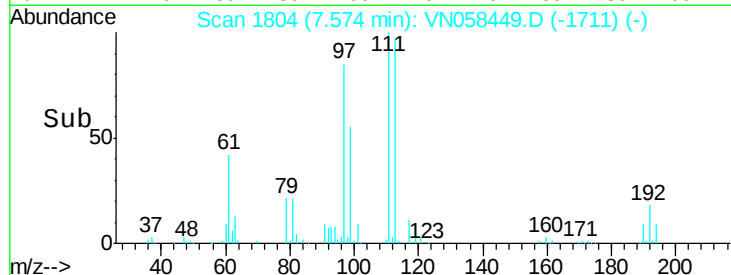
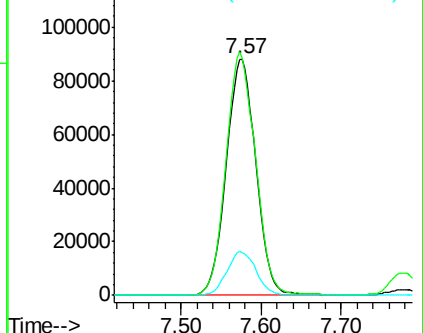
#35
 Dibromofluoromethane
 Concen: 51.138 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	18.3	14.9	22.3

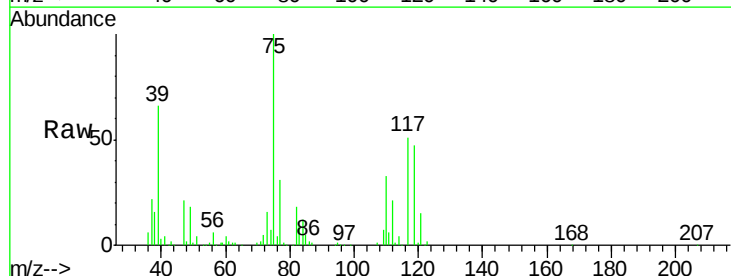


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

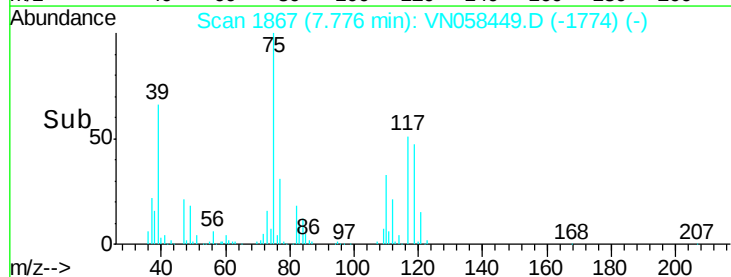
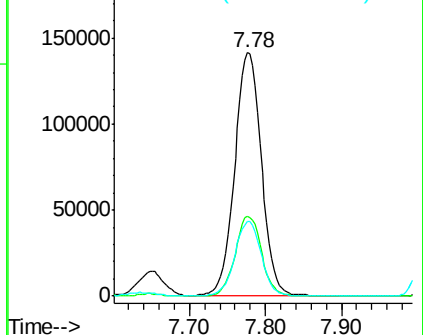


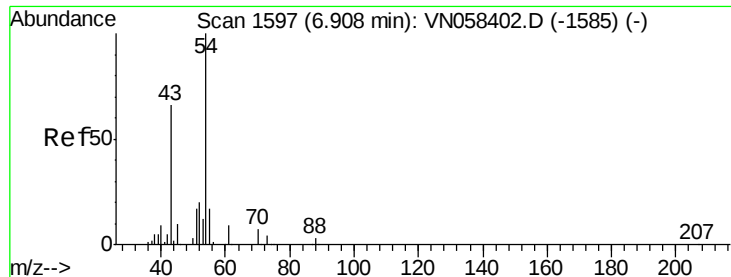
#36
 1,1-Dichloropropene
 Concen: 50.805 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.4	49.2
77	30.7	24.3	36.5



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

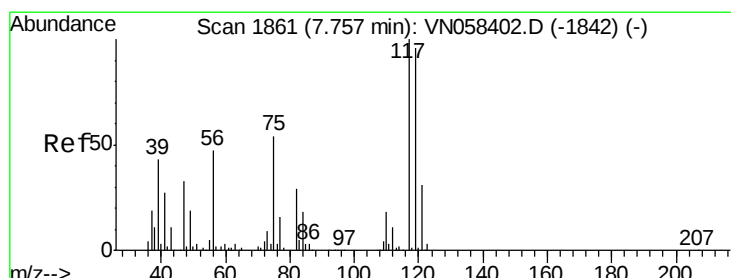
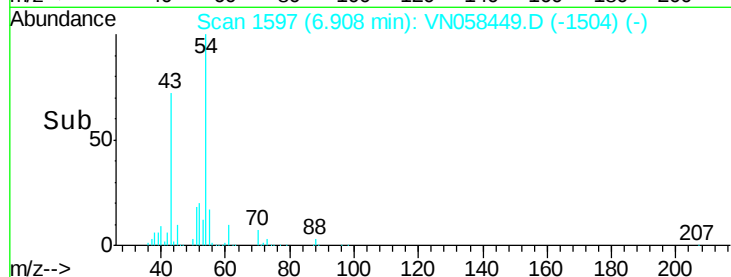
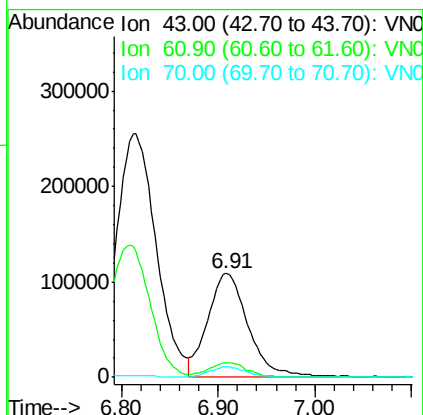
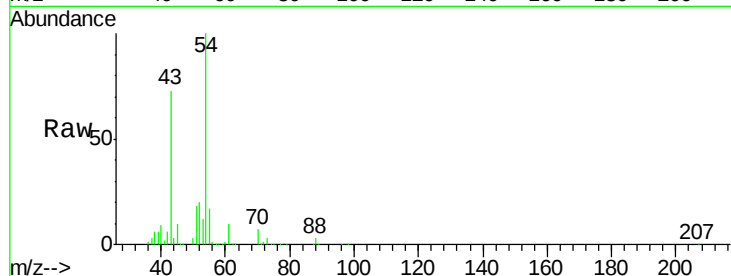




#37
Ethyl Acetate
Concen: 53.963 ug/l
RT: 6.91 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

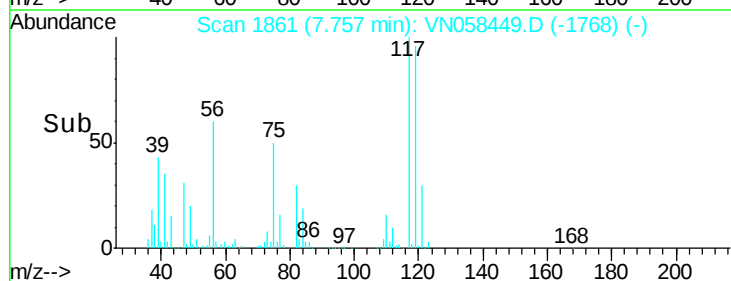
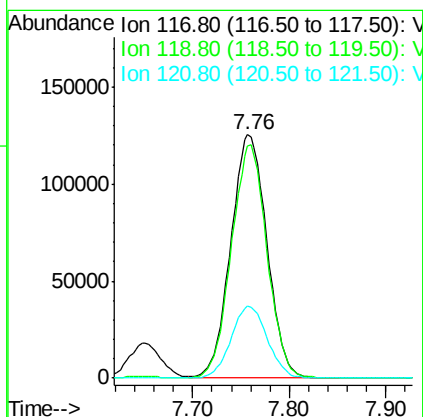
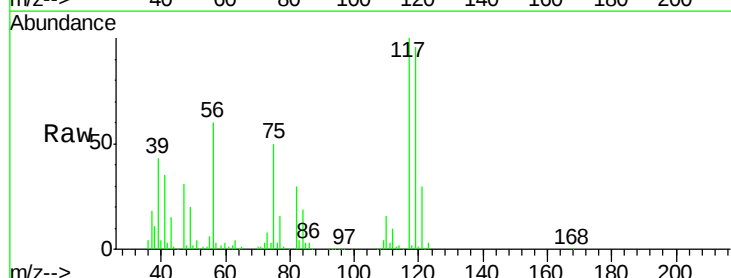
Instrument :
MSVOA_N
ClientSampleId :

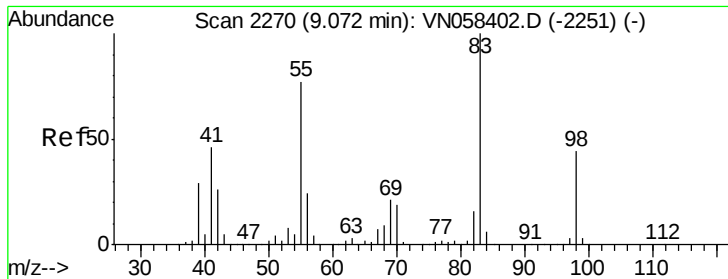
Tot Ion: 43 Resp: 310083
Ion Ratio Lower Upper
43 100
61 13.0 10.5 15.7
70 9.2 7.8 11.6



#38
Carbon Tetrachloride
Concen: 53.153 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 117 Resp: 325177
Ion Ratio Lower Upper
117 100
119 95.4 76.6 115.0
121 29.6 24.7 37.1

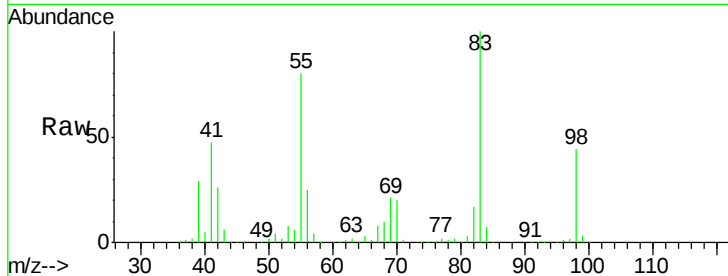




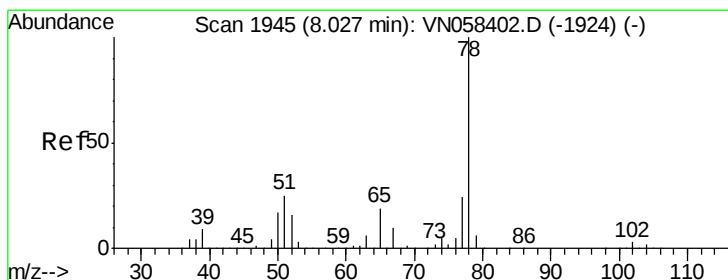
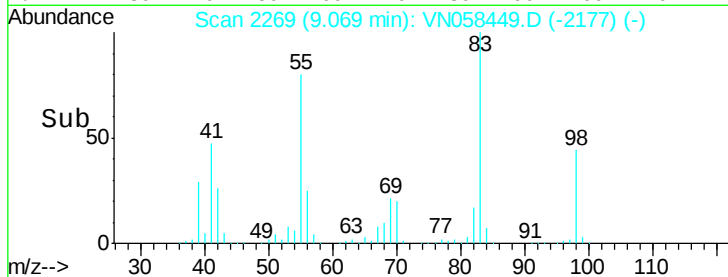
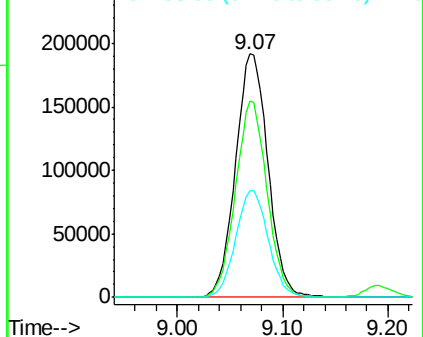
#39
Methvlcvclohexane
Concen: 51.717 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 409325
Ion Ratio Lower Upper
83 100
55 80.4 61.8 92.6
98 43.7 35.4 53.0

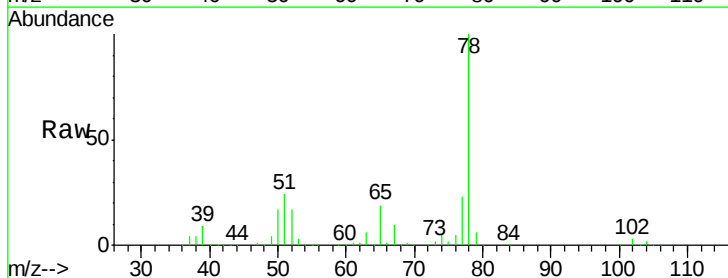


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

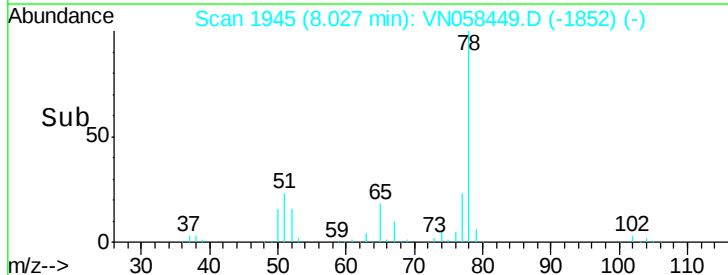
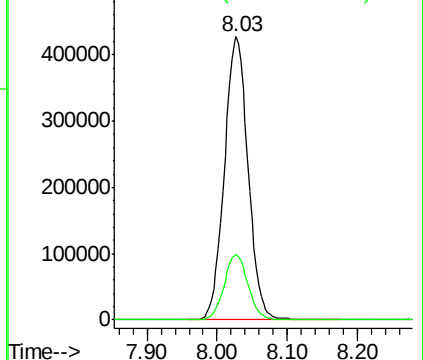


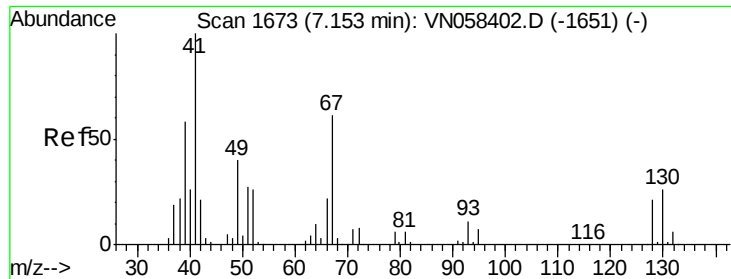
#40
Benzene
Concen: 51.425 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 78 Resp: 1001867
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3



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

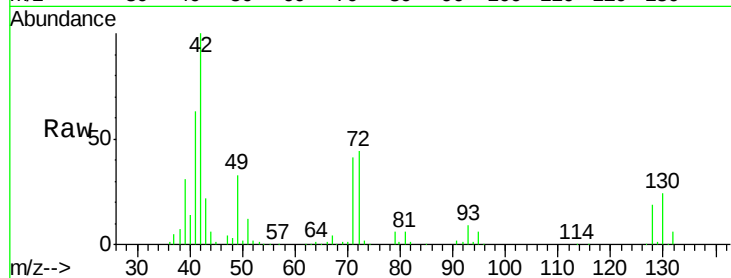




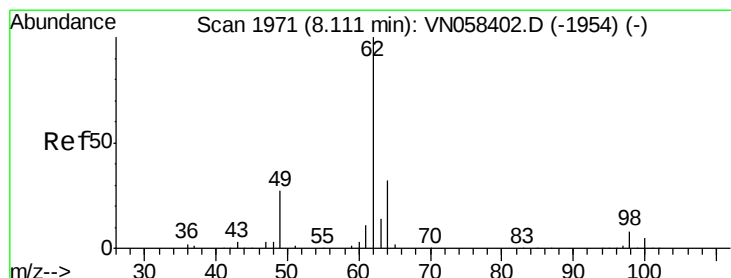
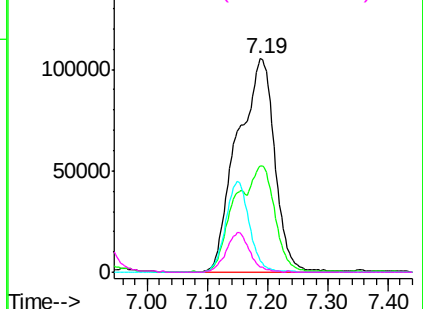
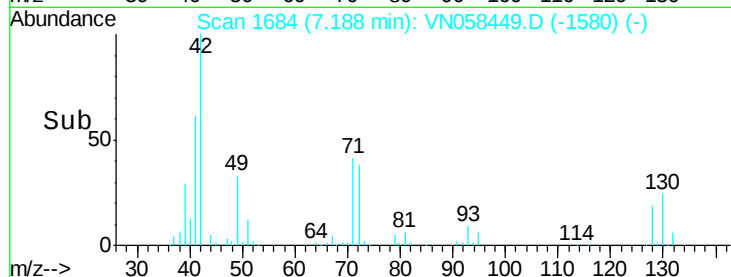
#41
Methacrylonitrile
Concen: 173.109 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.04 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 457622
Ion Ratio Lower Upper
41 100
39 0.0 50.2 75.4#
67 0.0 70.2 105.4#
52 0.0 31.4 47.0#

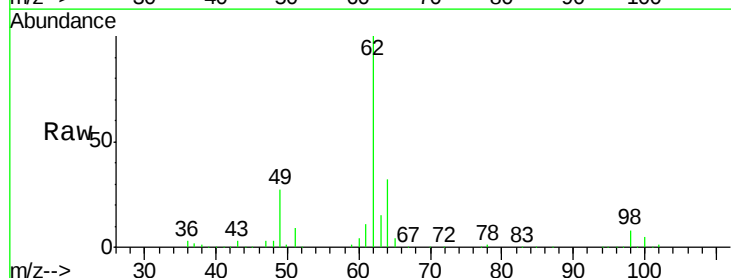


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

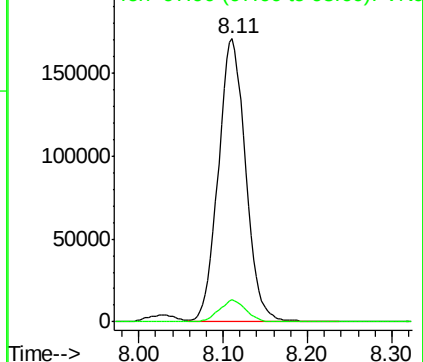
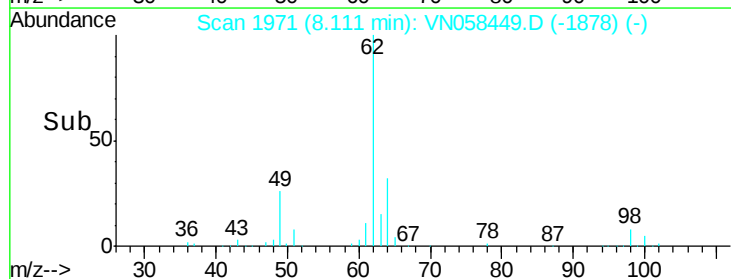


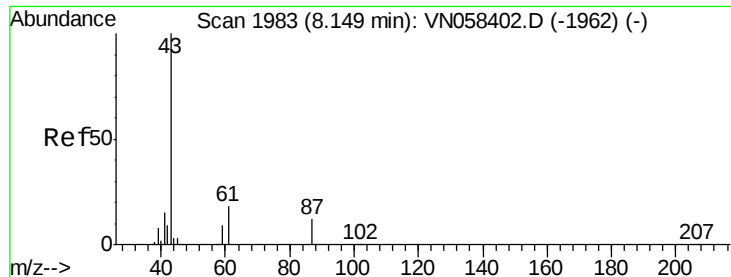
#42
1,2-Dichloroethane
Concen: 50.542 ug/l
RT: 8.11 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 62 Resp: 383083
Ion Ratio Lower Upper
62 100
98 7.6 0.0 15.6



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



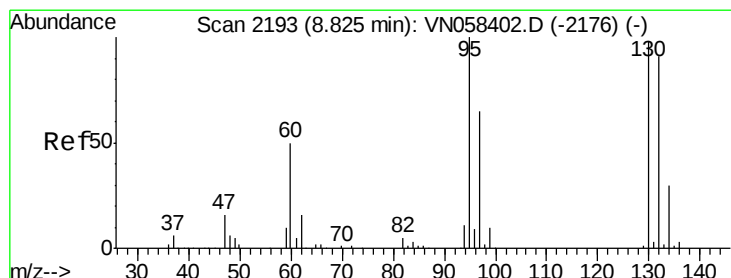
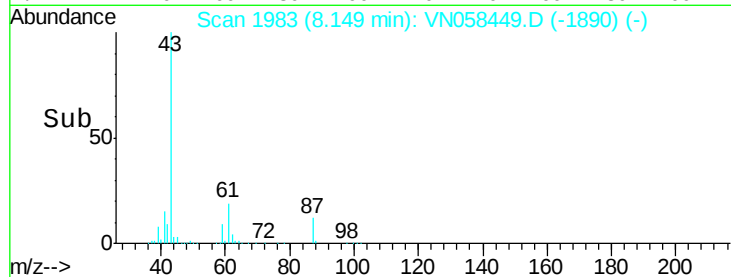
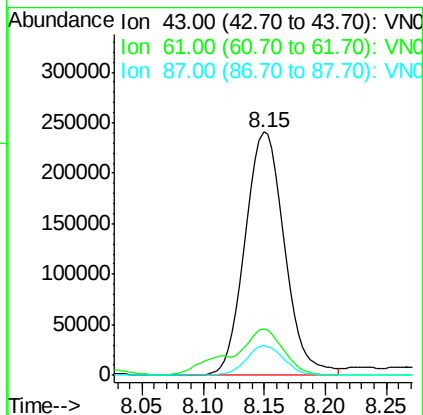
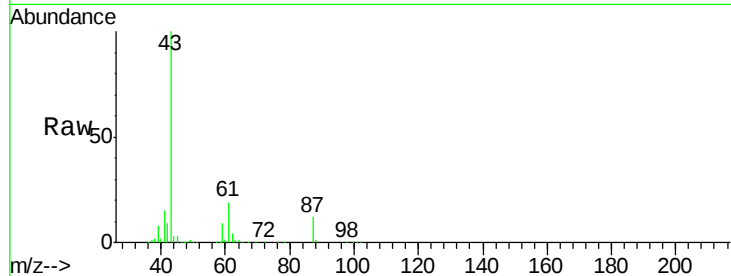


#43

Isopropyl Acetate
 Concen: 49.600 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Instrument :
 MSVOA_N
 ClientSampleId :

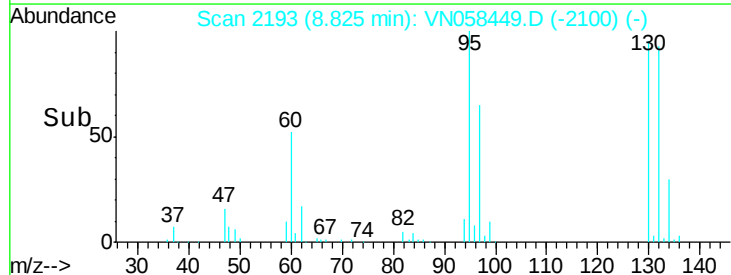
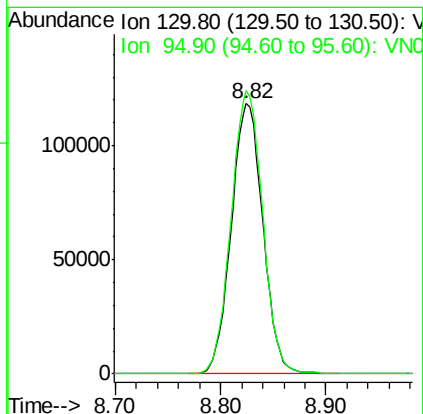
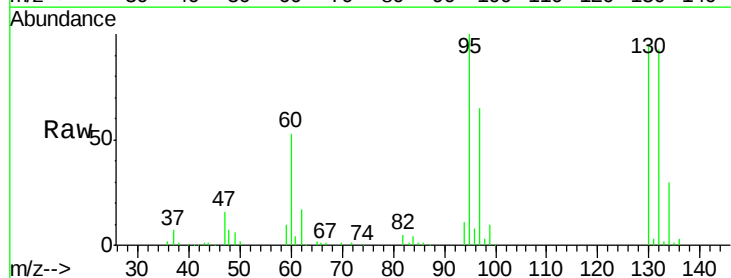
Tot Ion: 43 Resp: 535956
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.8 22.2
 87 11.8 9.7 14.5

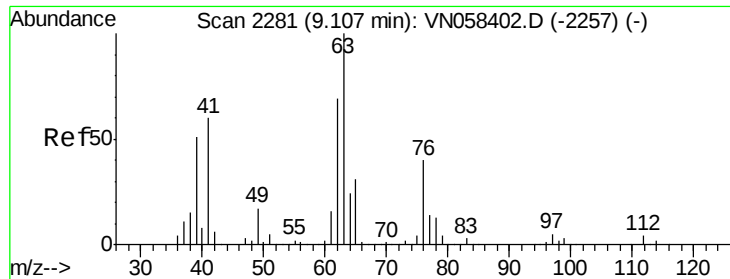


#44

Trichloroethene
 Concen: 51.069 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion: 130 Resp: 245666
 Ion Ratio Lower Upper
 130 100
 95 104.8 0.0 204.2





#45

1,2-Dichloropropane

Concen: 52.583 ug/l

RT: 9.11 min Scan# 2281

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

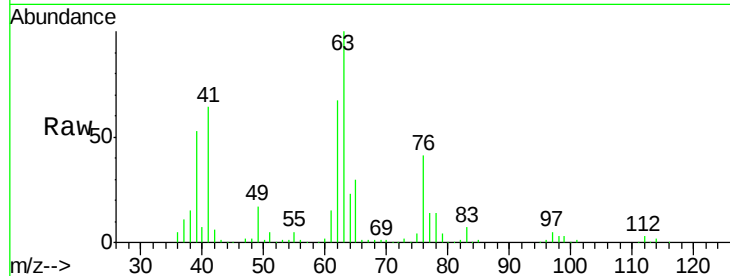
ClientSampleId :

Tot Ion: 63 Resp: 274741

Ion Ratio Lower Upper

63 100

65 29.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.11

150000

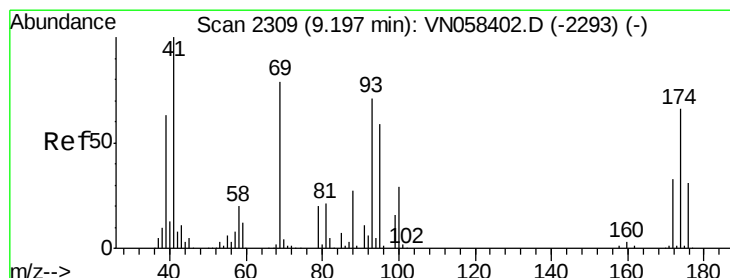
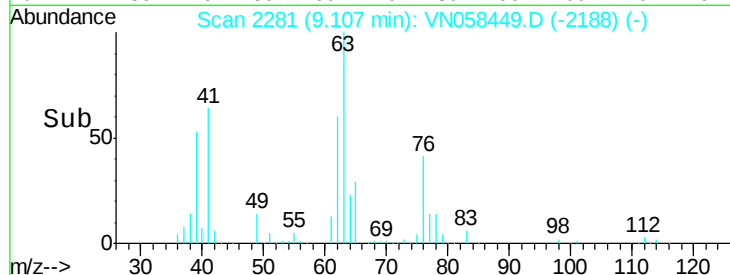
100000

50000

0

Time-->

9.00 9.10 9.20



#46

Dibromomethane

Concen: 51.979 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

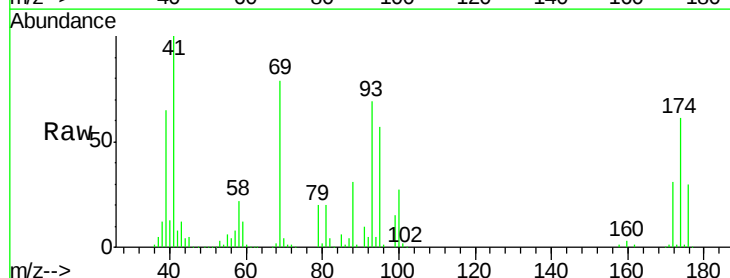
Tgt Ion: 93 Resp: 171993

Ion Ratio Lower Upper

93 100

95 82.0 67.0 100.4

174 89.2 74.2 111.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

9.20

100000

80000

60000

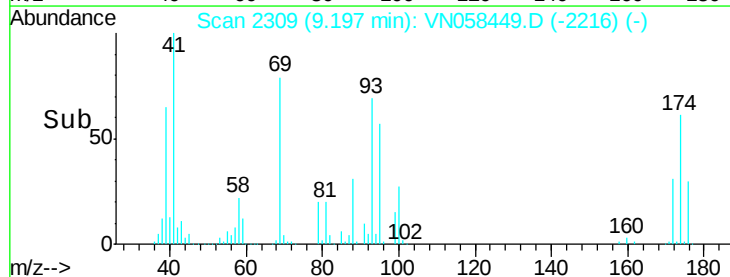
40000

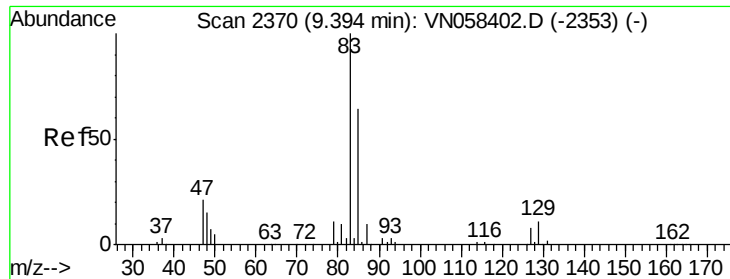
20000

0

Time-->

9.10 9.20 9.30





#47

Bromodichloromethane

Concen: 55.015 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

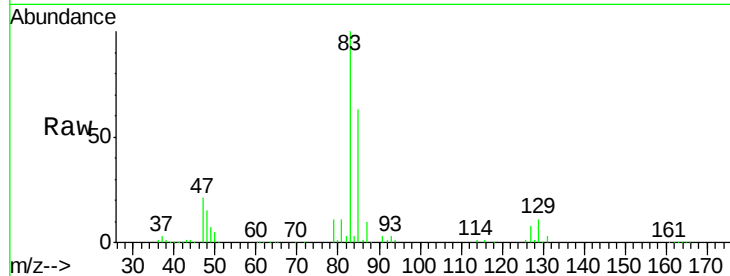
Tot Ion: 83 Resp: 344906

Ion Ratio Lower Upper

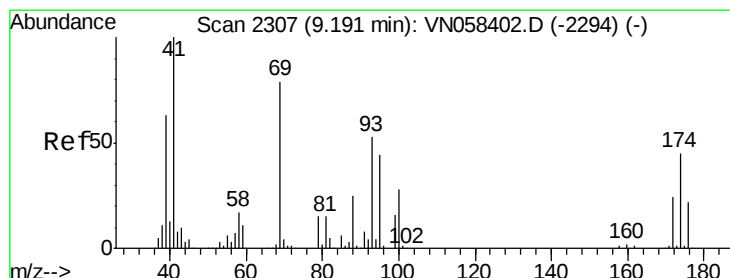
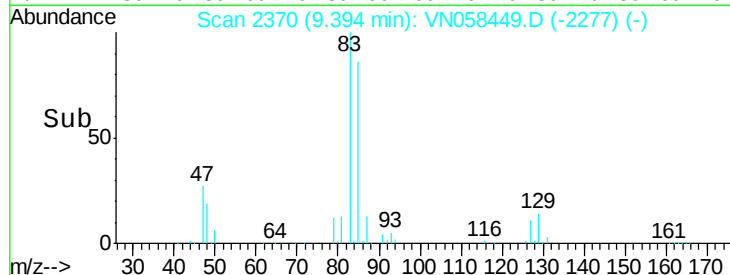
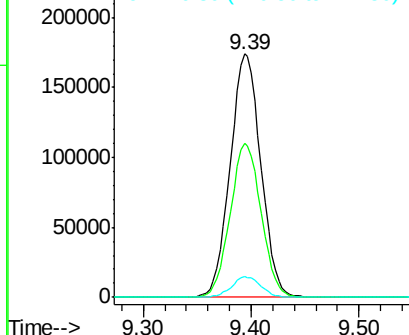
83 100

85 63.3 51.2 76.8

127 8.4 6.3 9.5



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: 52.747 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

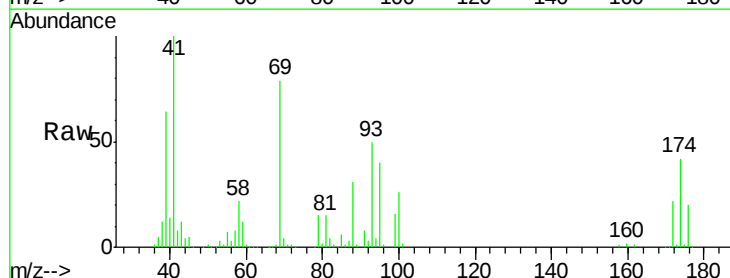
Tgt Ion: 41 Resp: 259533

Ion Ratio Lower Upper

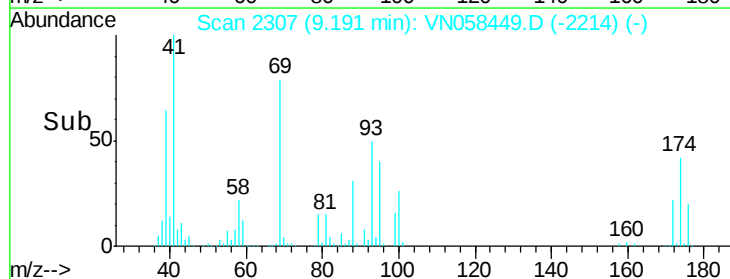
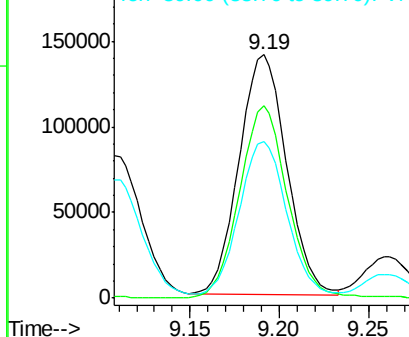
41 100

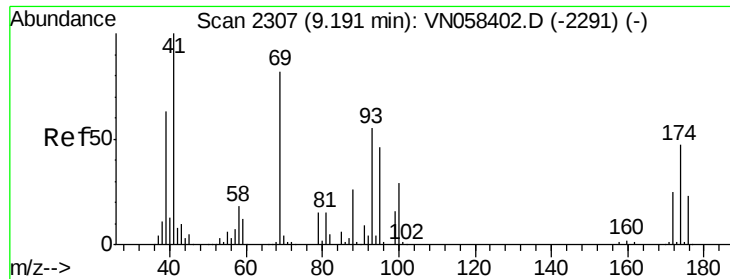
69 81.3 64.7 97.1

39 66.8 52.9 79.3



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: 1342.269 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

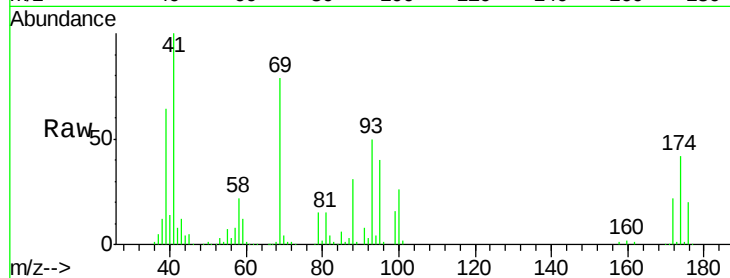
Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 88309

Ion	Ratio	Lower	Upper
88	100		
43	34.9	31.1	46.7
58	72.3	58.1	87.1

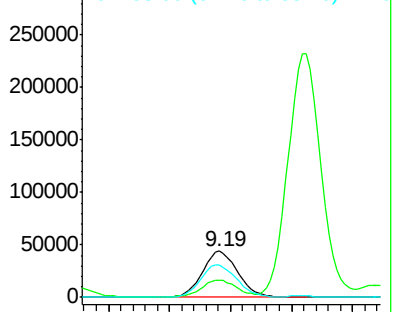


Abundance

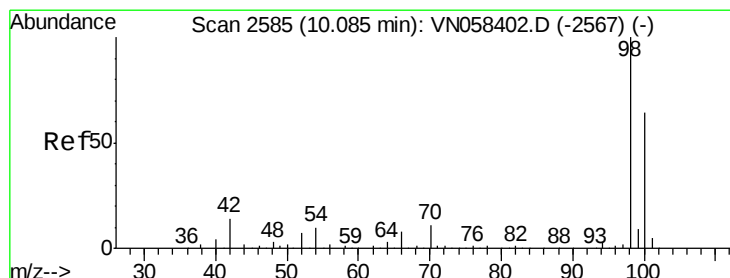
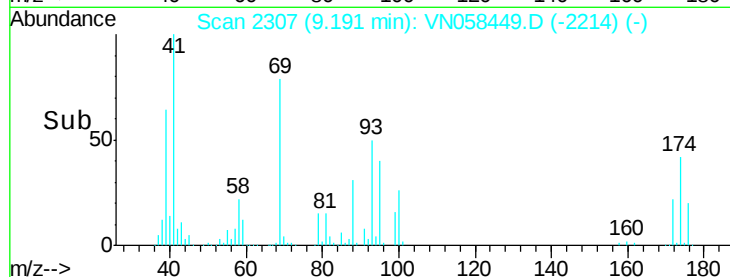
Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 51.213 ug/l

RT: 10.08 min Scan# 2585

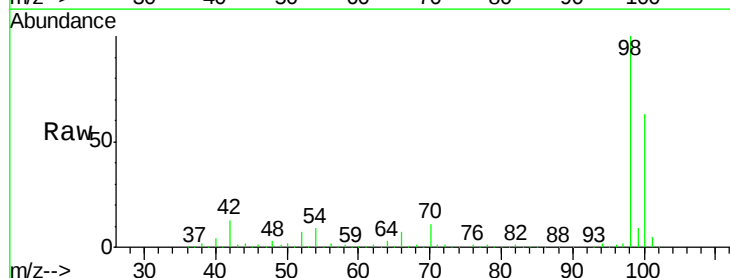
Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Tgt Ion: 98 Resp: 871547

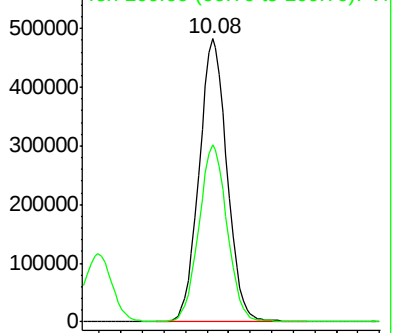
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.0	76.6



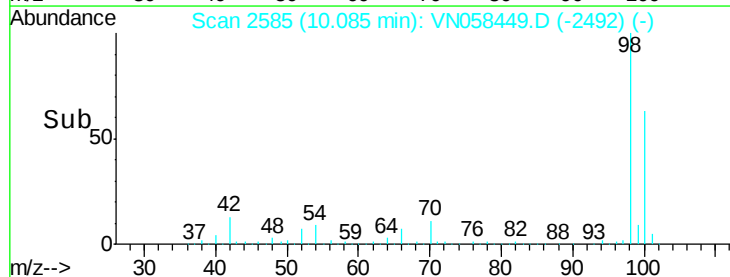
Abundance

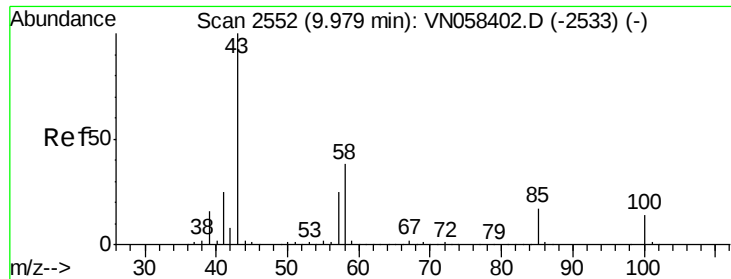
Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 284.762 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

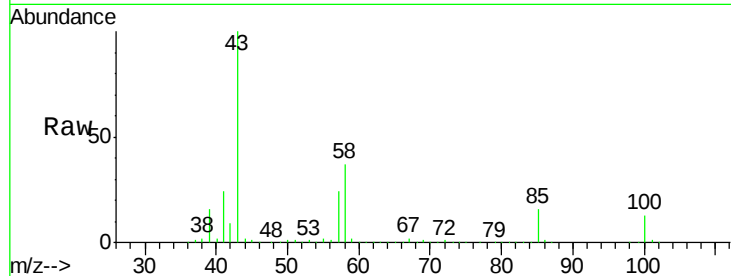
ClientSampleId :

Tot Ion: 43 Resp: 1580563

Ion Ratio Lower Upper

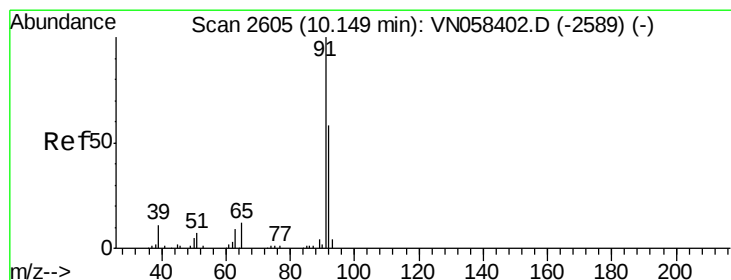
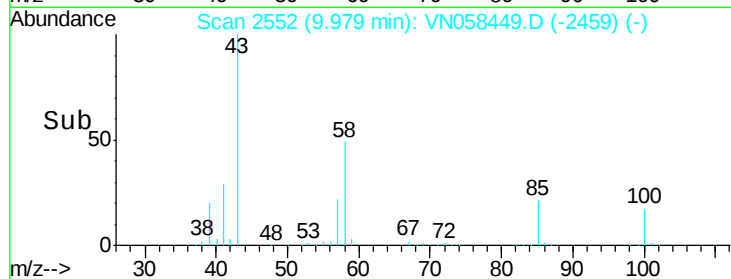
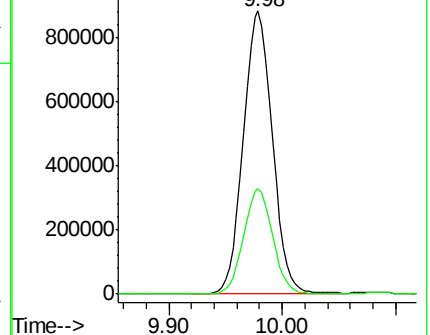
43 100

58 37.3 30.2 45.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.063 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN058449.D

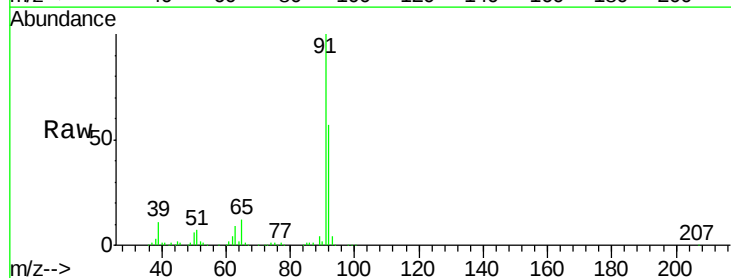
Acq: 30 Sep 2019 20:20

Tgt Ion: 92 Resp: 626157

Ion Ratio Lower Upper

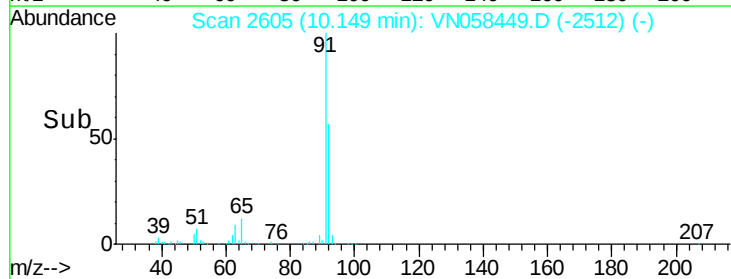
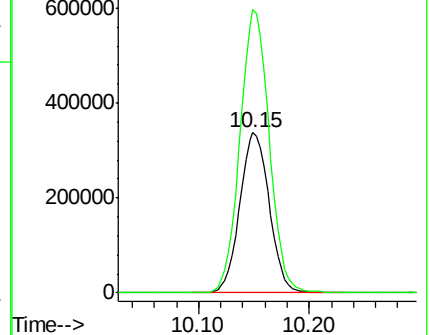
92 100

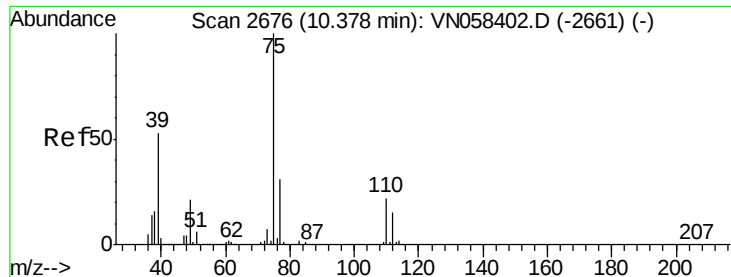
91 175.7 140.2 210.4



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: 54.792 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

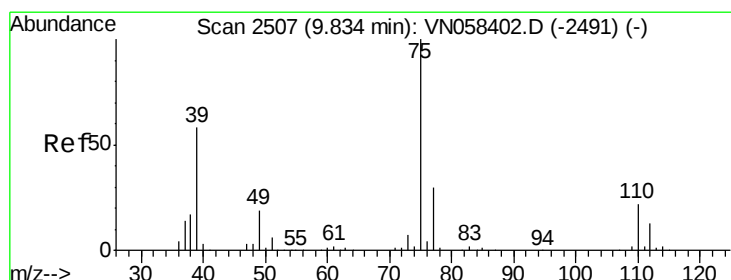
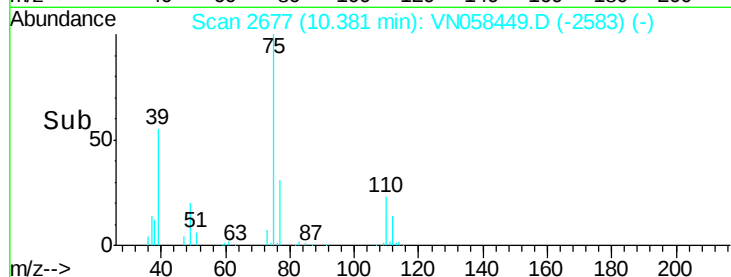
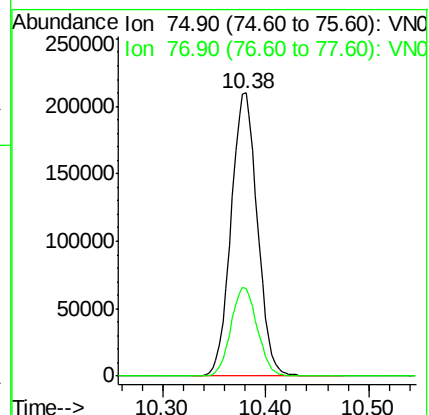
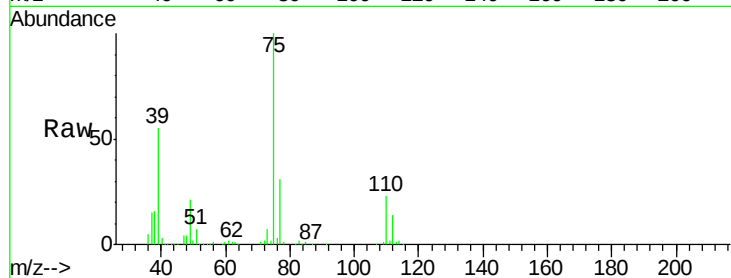
ClientSampleId :

Tot Ion: 75 Resp: 373880

Ion Ratio Lower Upper

75 100

77 30.9 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 54.352 ug/l

RT: 9.83 min Scan# 2507

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

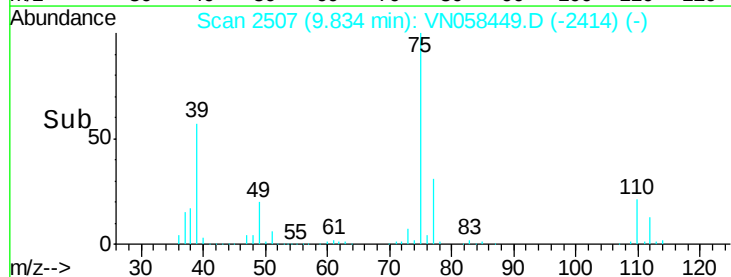
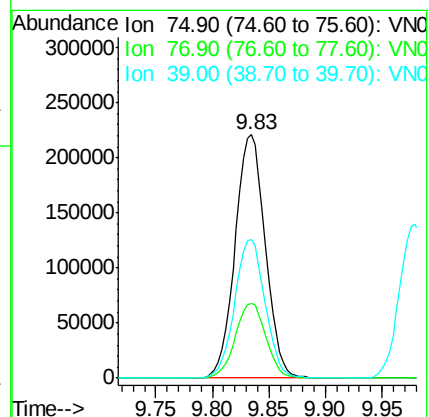
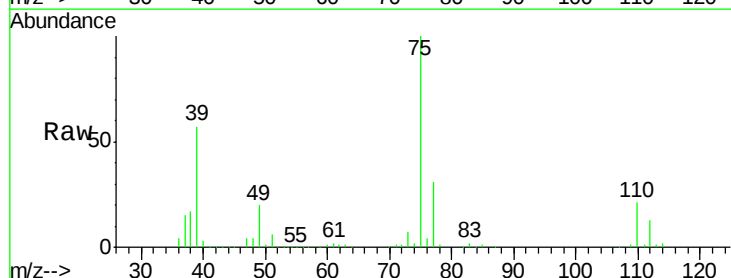
Tgt Ion: 75 Resp: 411693

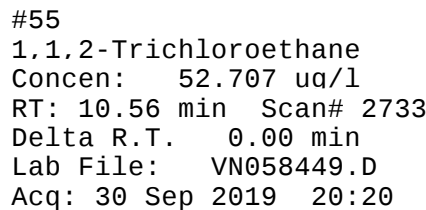
Ion Ratio Lower Upper

75 100

77 30.9 24.2 36.4

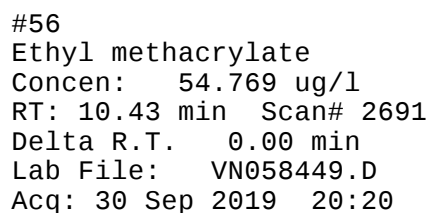
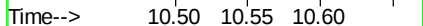
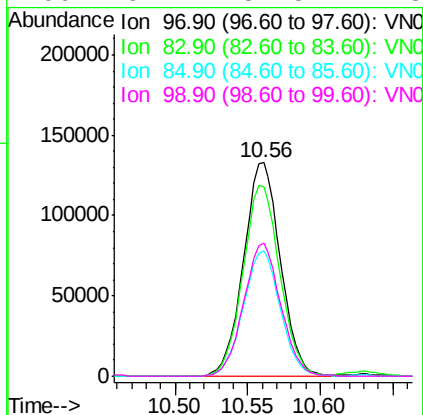
39 57.1 46.4 69.6



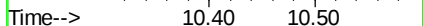
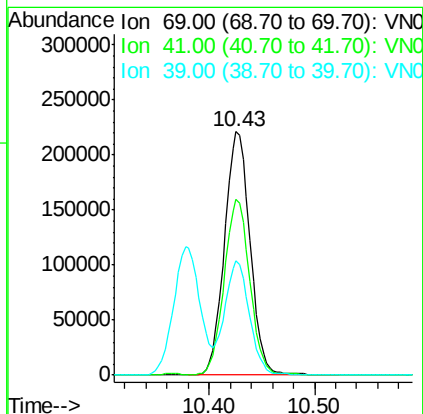


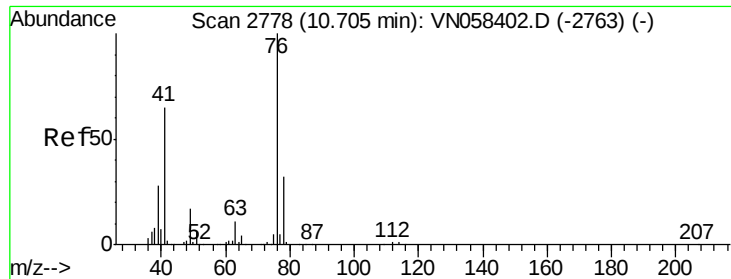
Instrument :
MSVOA_N
ClientSampleId :

Tat	Ion: 97	Resp:	235337
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.8	107.6
85	58.7	46.6	69.8
99	62.1	51.5	77.3



Tgt	Ion: 69	Resp:	371074
Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.3	84.5
39	44.8	35.8	53.6

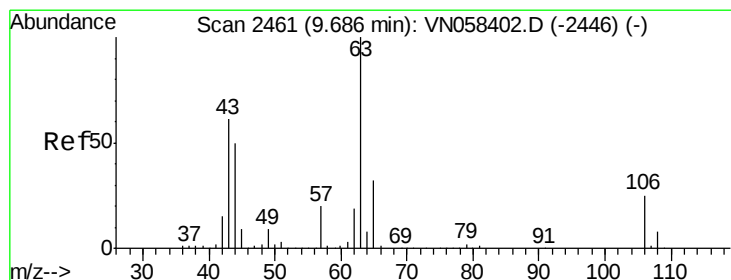
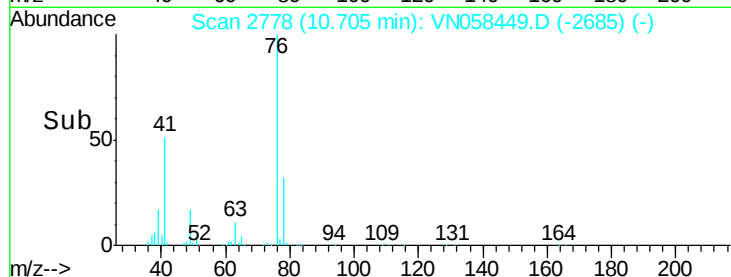
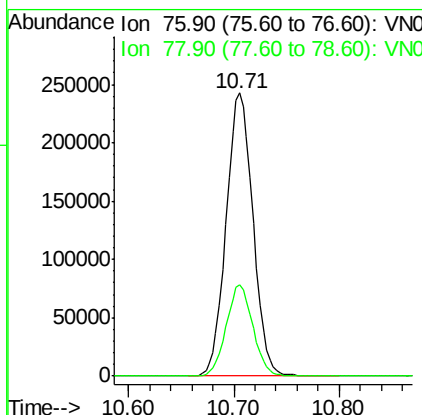
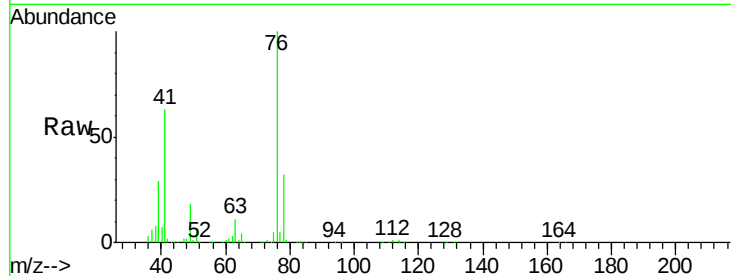




#57
 1,3-Dichloropropane
 Concen: 53.484 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

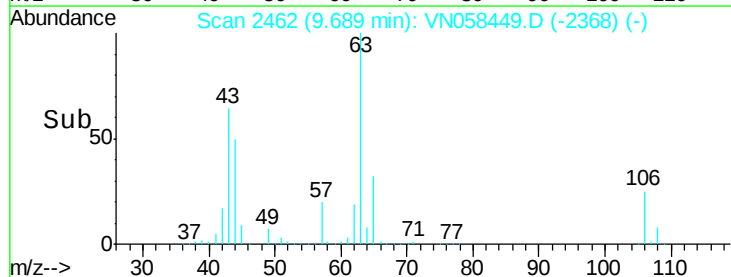
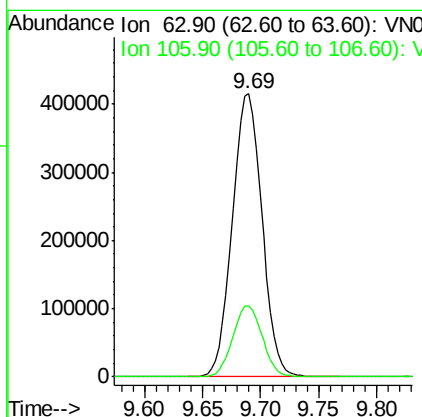
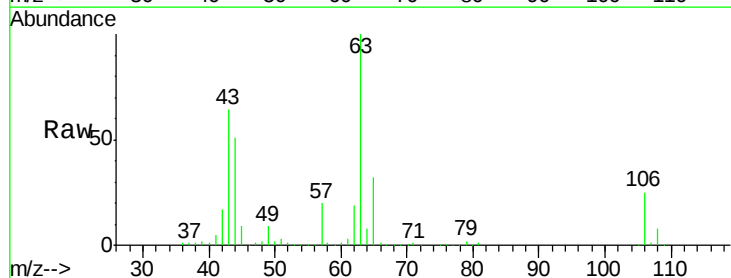
Instrument :
 MSVOA_N
 ClientSampled :

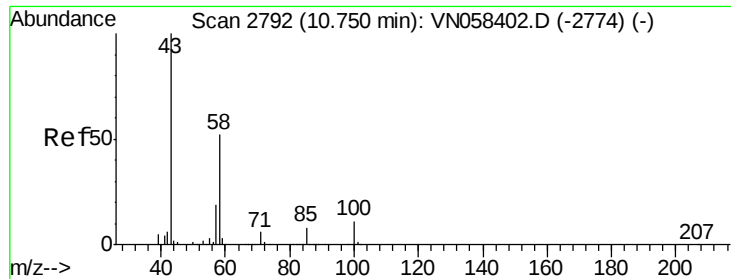
Tot Ion: 76 Resp: 425962
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.788 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion: 63 Resp: 734259
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.3 30.5

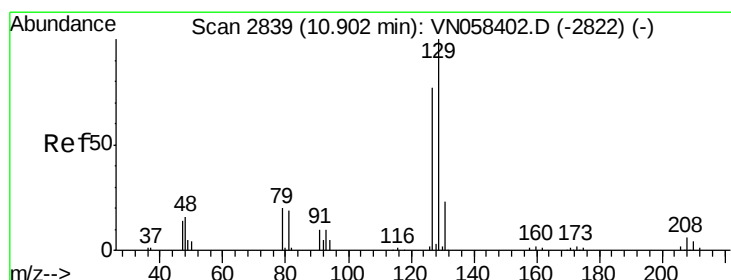
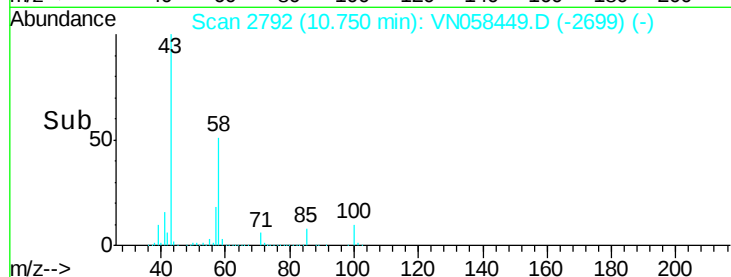
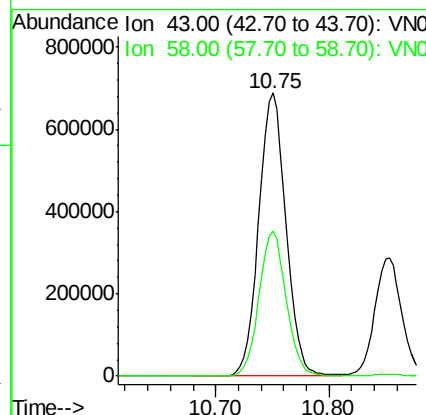
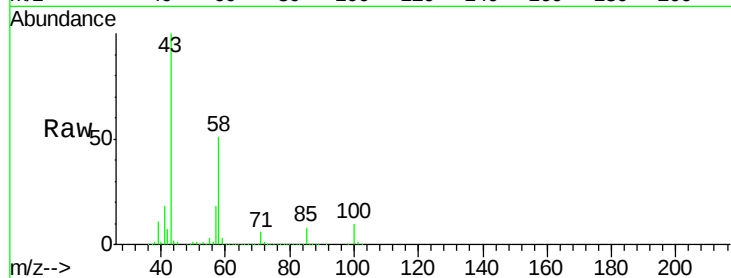




#59
2-Hexanone
Concen: 284.091 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

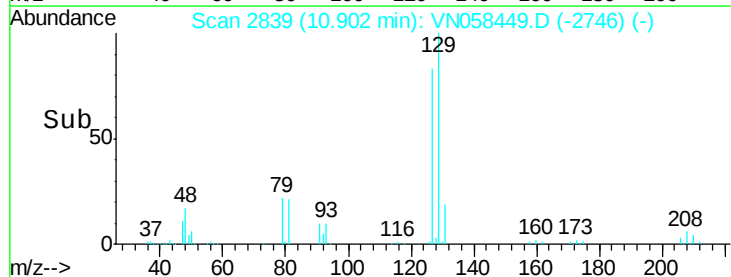
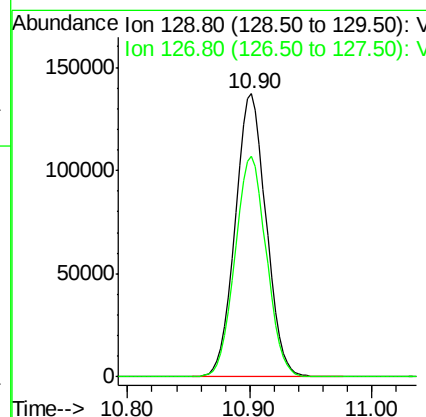
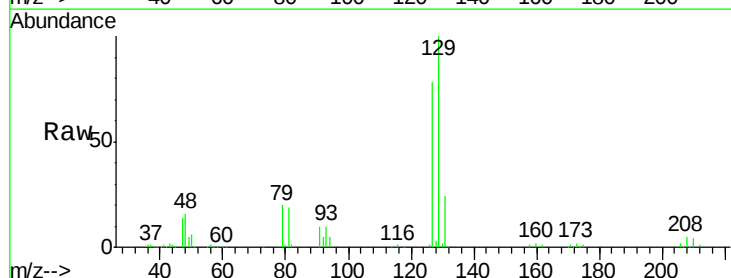
Instrument :
MSVOA_N
ClientSampleId :

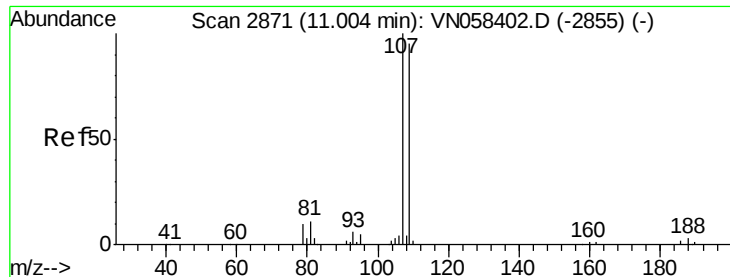
Tot Ion: 43 Resp: 1148177
Ion Ratio Lower Upper
43 100
58 51.2 25.8 77.3



#60
Dibromochloromethane
Concen: 52.446 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 129 Resp: 242369
Ion Ratio Lower Upper
129 100
127 79.0 38.3 114.8

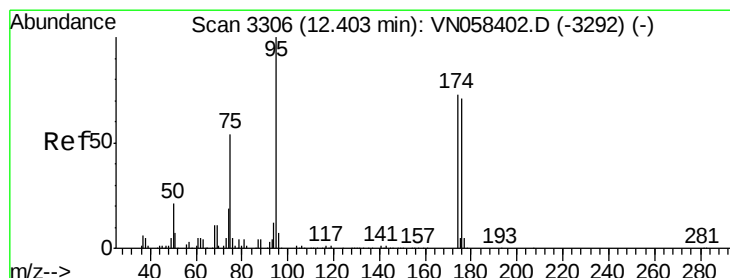
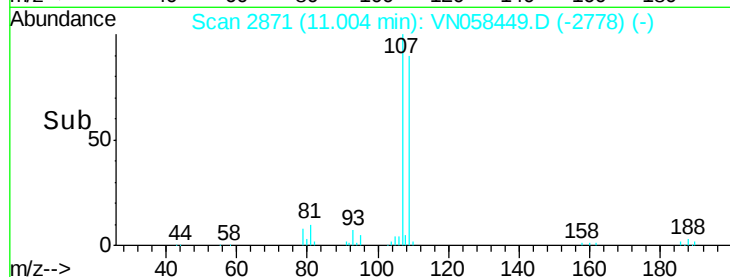
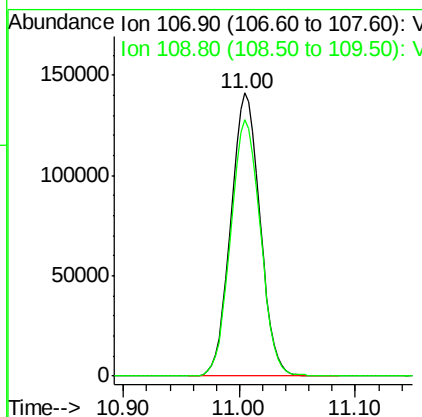
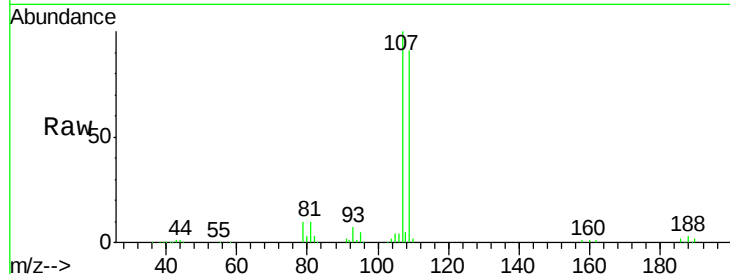




#61
 1,2-Dibromoethane
 Concen: 53.727 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

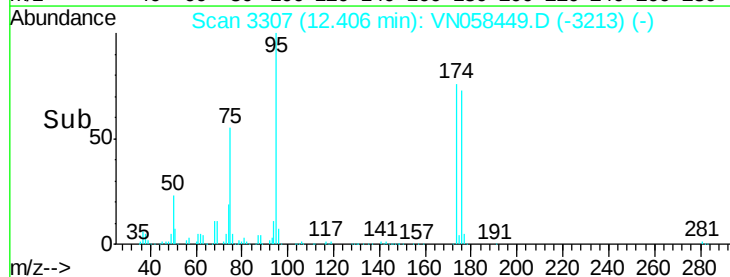
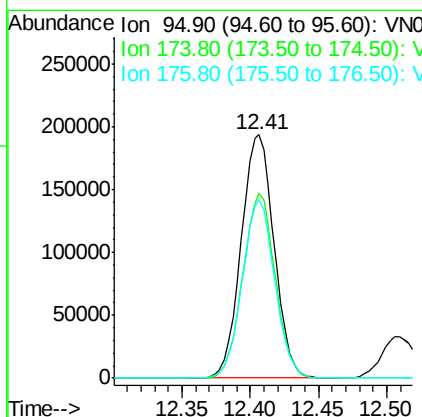
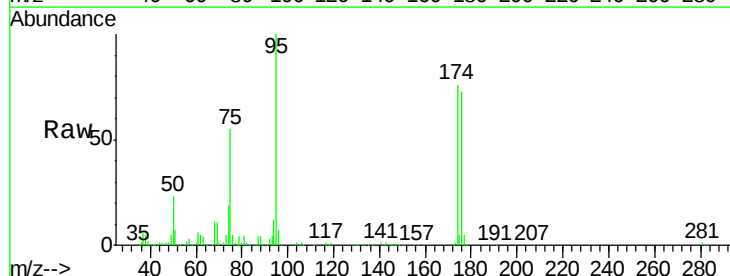
Instrument :
 MSVOA_N
 ClientSampled :

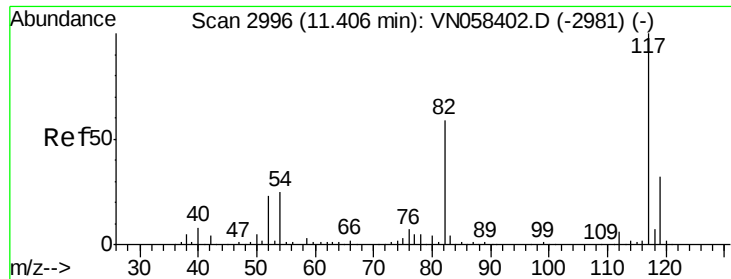
Tot Ion: 107 Resp: 245120
 Ion Ratio Lower Upper
 107 100
 109 92.2 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 52.597 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion: 95 Resp: 323652
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 150.6
 176 72.4 0.0 146.2

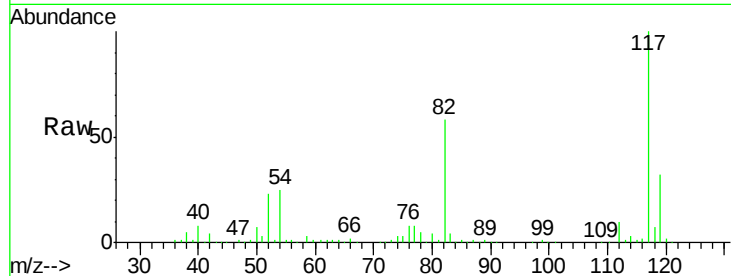




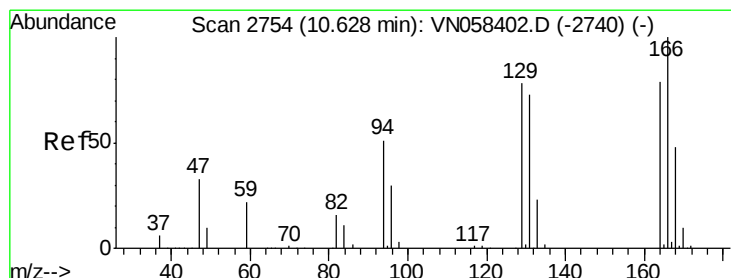
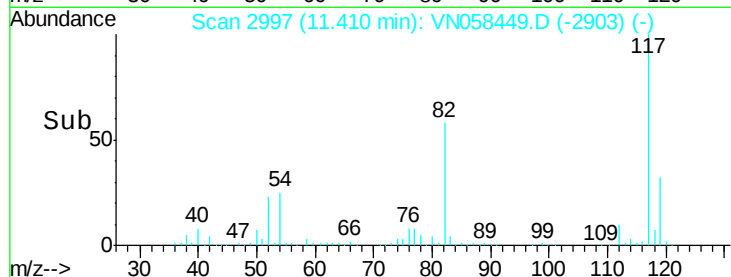
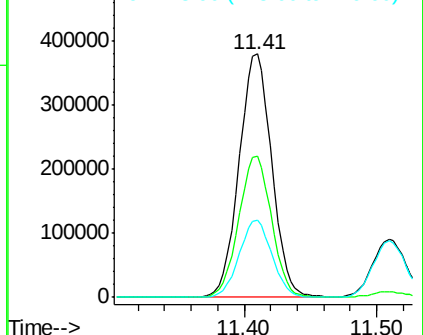
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 650948
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.0
119 31.7 25.5 38.3

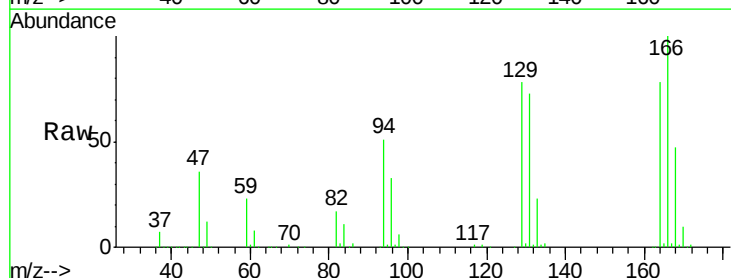


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

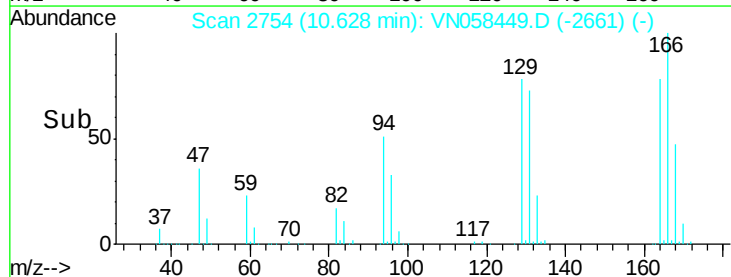
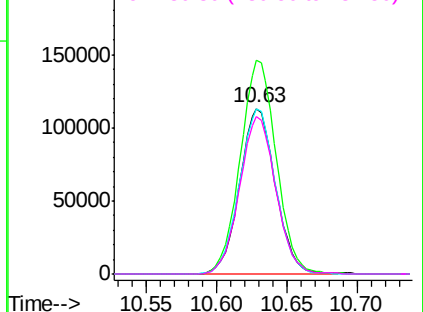


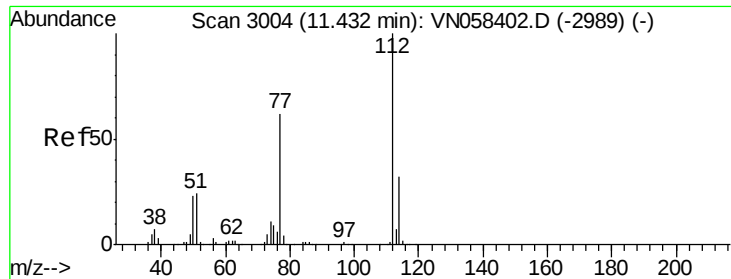
#64
Tetrachloroethene
Concen: 48.704 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion:164 Resp: 201423
Ion Ratio Lower Upper
164 100
166 129.0 101.1 151.7
129 100.1 79.2 118.8
131 94.6 74.1 111.1



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

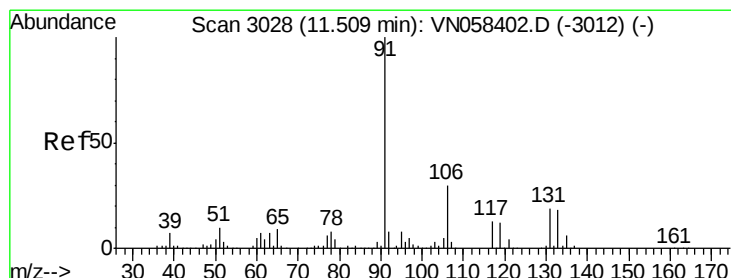
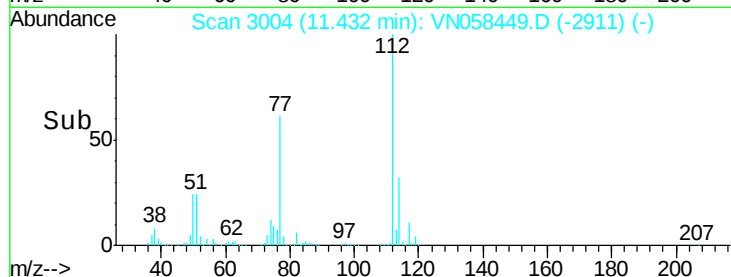
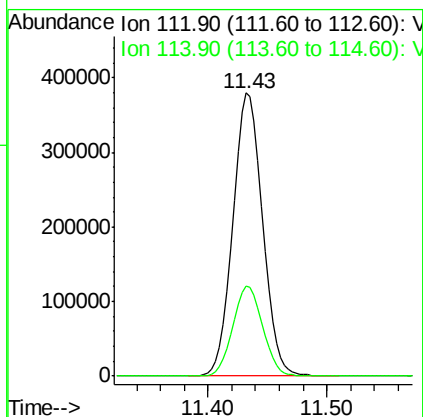
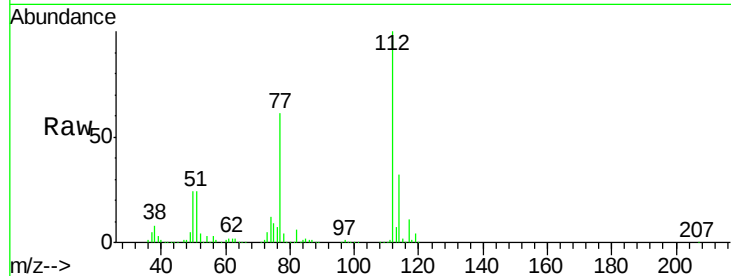




#65
Chlorobenzene
Concen: 50.662 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

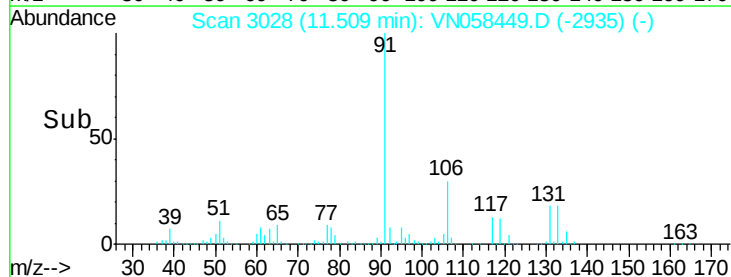
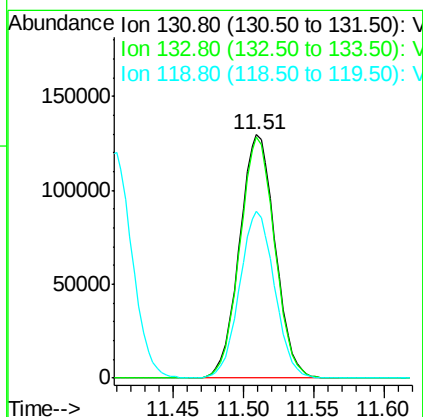
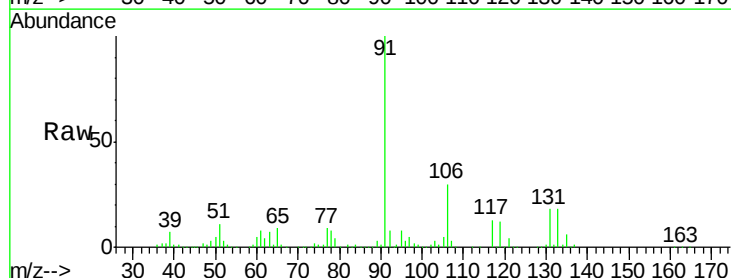
Instrument :
MSVOA_N
ClientSampleId :

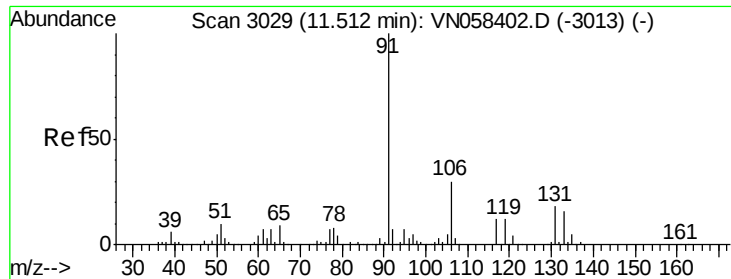
Tot Ion:112 Resp: 655528
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 52.618 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion:131 Resp: 229393
Ion Ratio Lower Upper
131 100
133 97.0 47.8 143.3
119 67.1 33.0 99.0

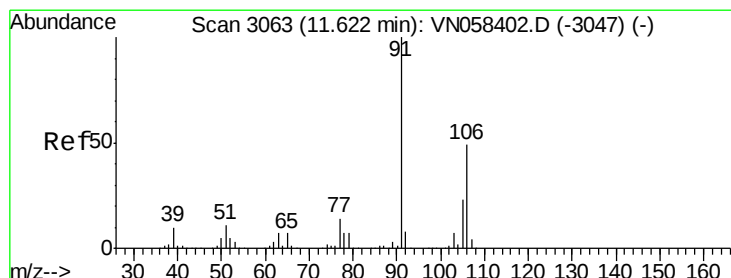
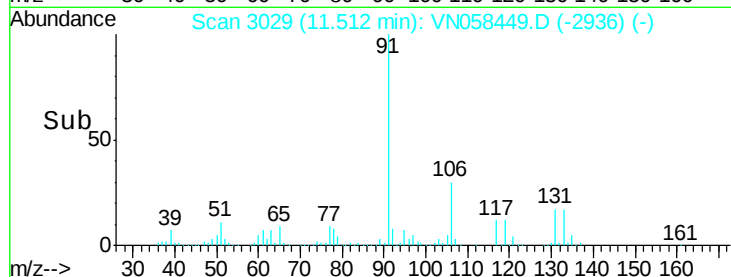
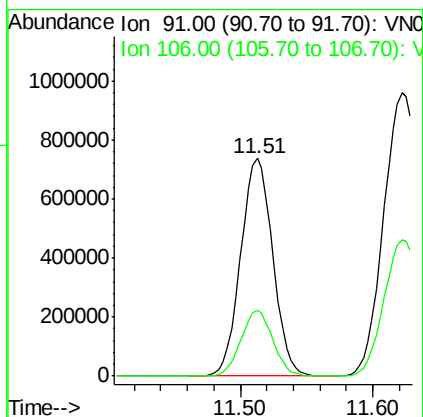
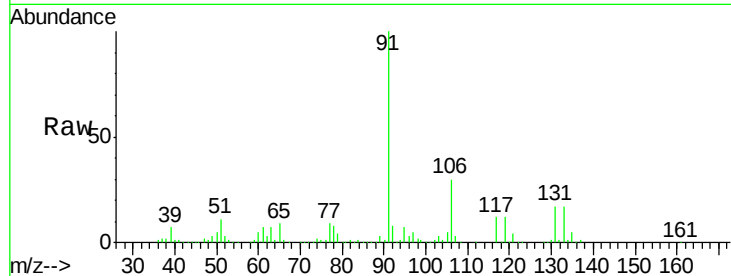




#67
Ethyl Benzene
Concen: 52.852 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

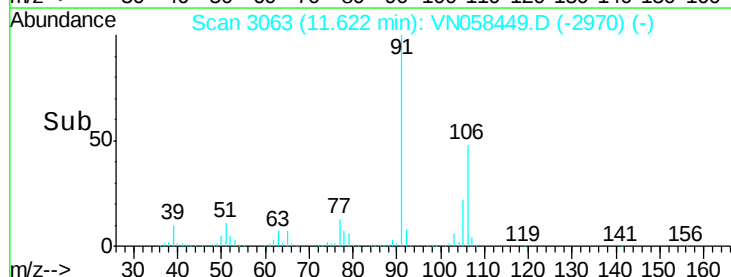
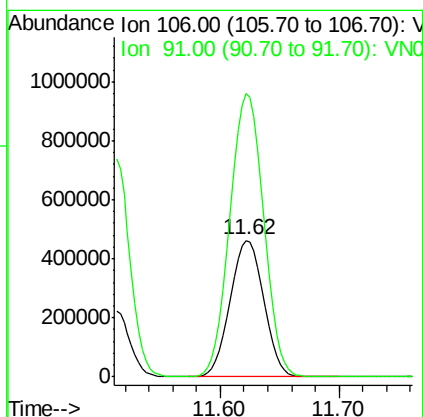
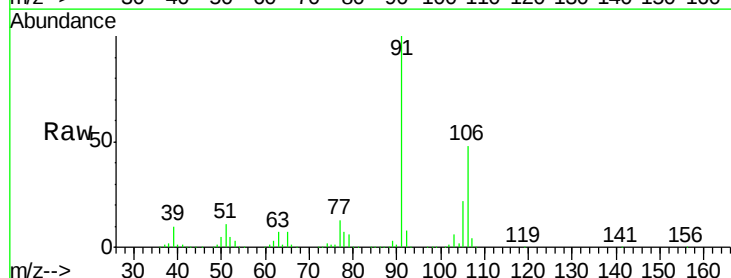
Instrument :
MSVOA_N
ClientSampled :

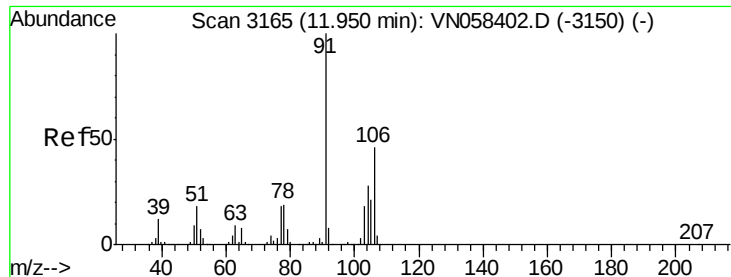
Tot Ion: 91 Resp: 1238690
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5



#68
m/p-Xylenes
Concen: 102.670 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion: 106 Resp: 905337
Ion Ratio Lower Upper
106 100
91 208.7 165.0 247.4

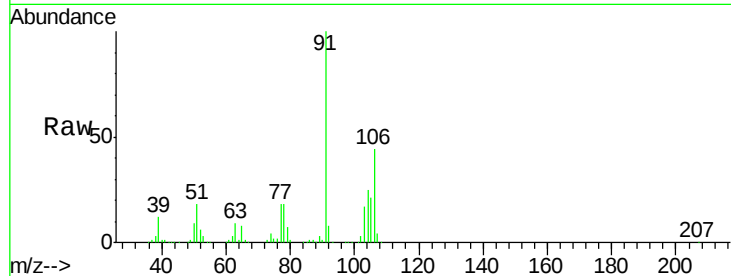




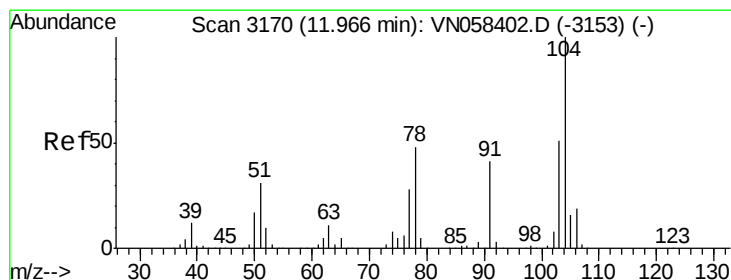
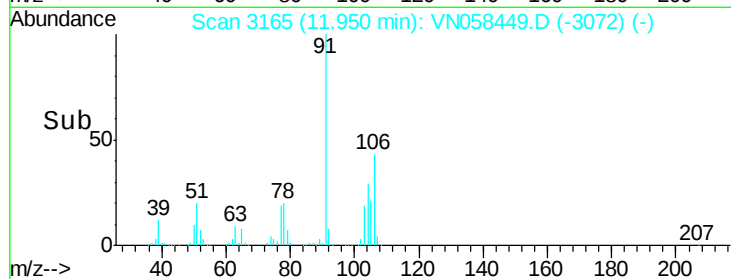
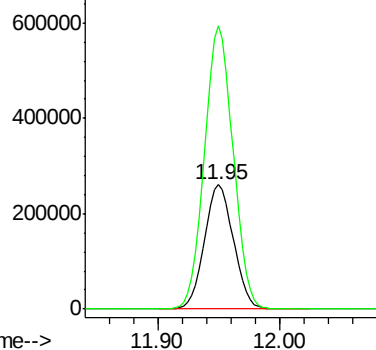
#69
o-Xylene
Concen: 50.712 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 430466
Ion Ratio Lower Upper
106 100
91 225.0 109.1 327.4

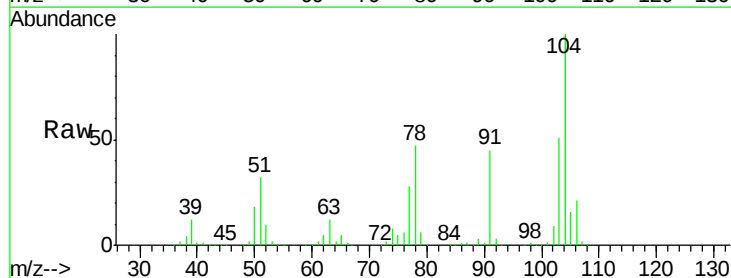


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

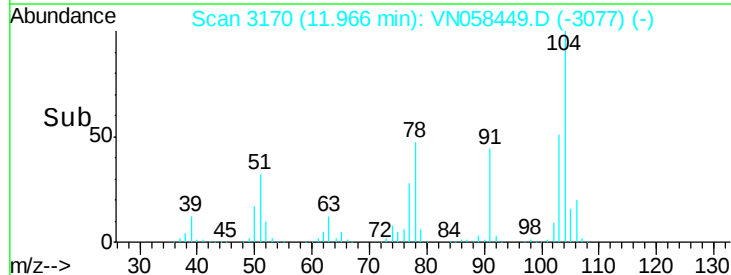
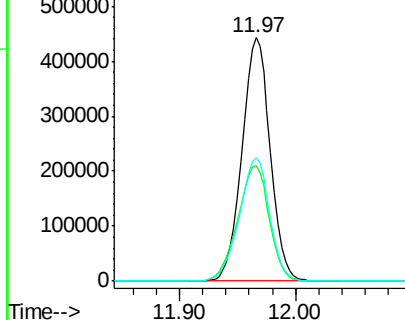


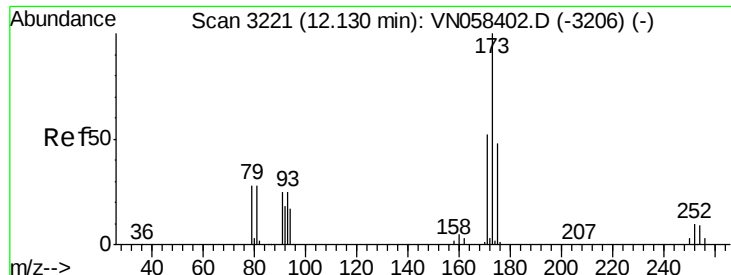
#70
Styrene
Concen: 54.158 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion:104 Resp: 746848
Ion Ratio Lower Upper
104 100
78 53.1 42.8 64.2
103 54.7 43.7 65.5



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





#71

Bromoform

Concen: 52.466 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

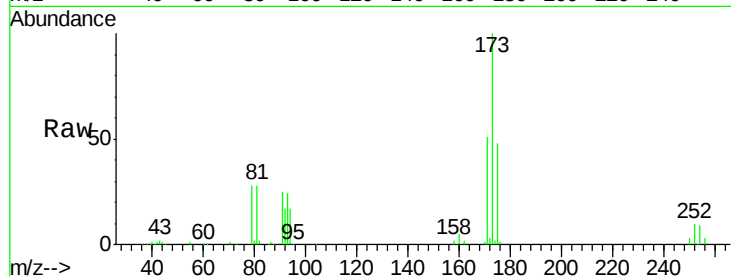
Tot Ion:173 Resp: 158173

Ion Ratio Lower Upper

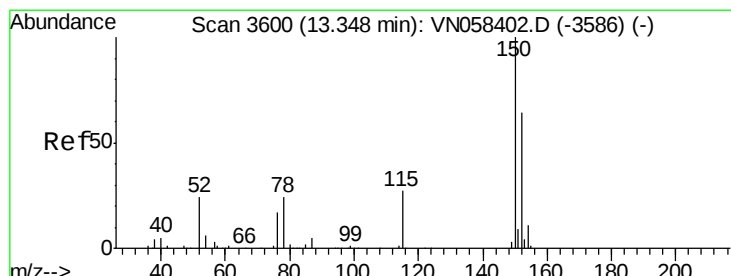
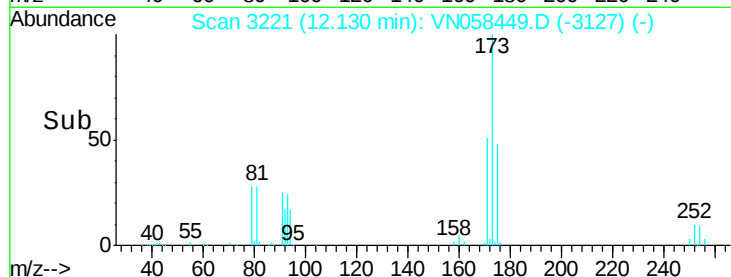
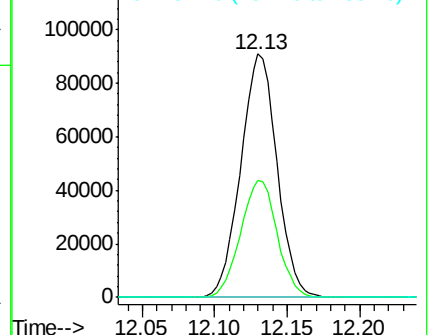
173 100

175 48.6 24.3 73.0

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

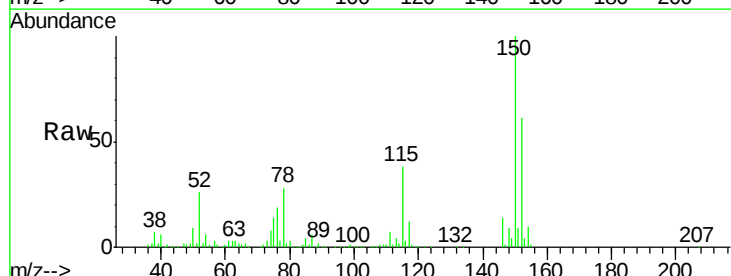
Tgt Ion:152 Resp: 316830

Ion Ratio Lower Upper

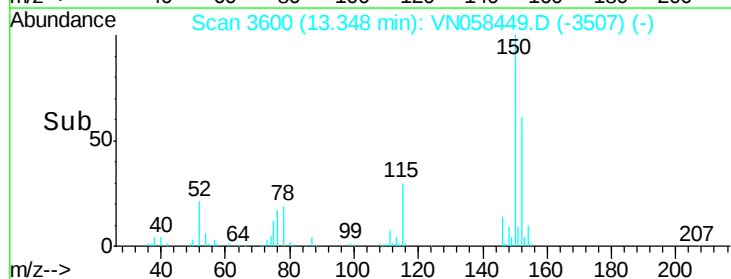
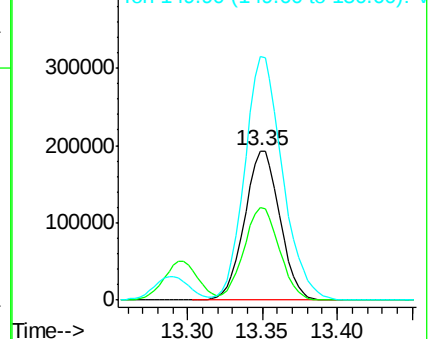
152 100

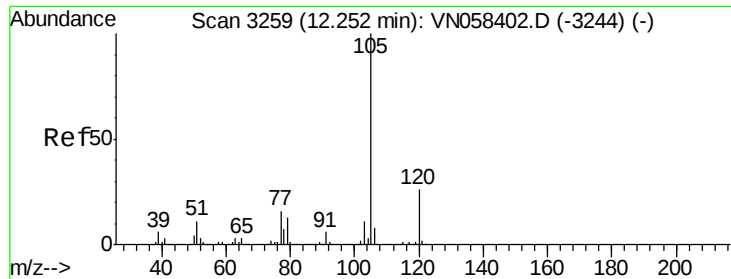
115 62.5 30.0 90.0

150 174.4 0.0 348.2



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: 51.296 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

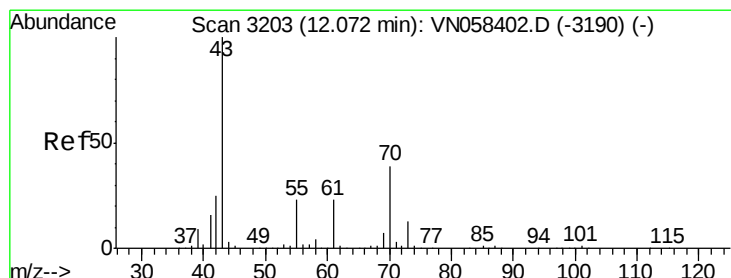
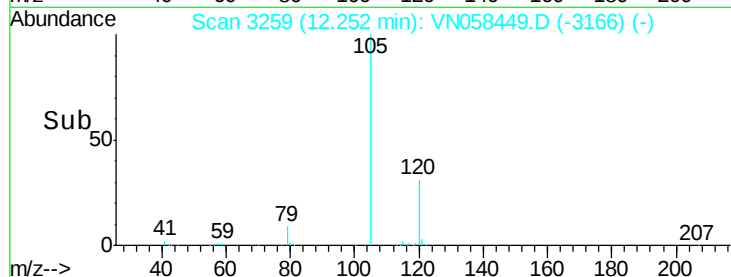
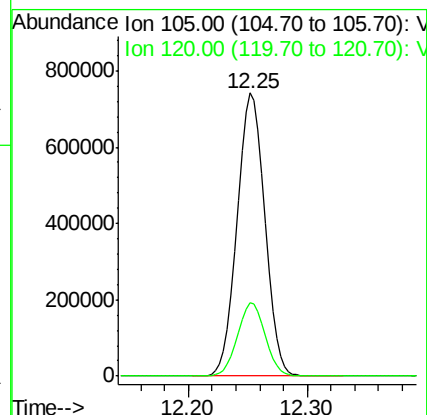
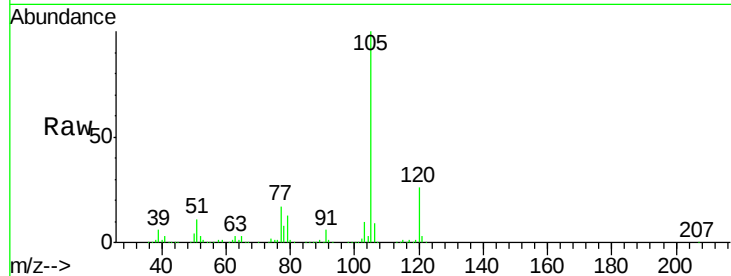
ClientSampleId :

Tot Ion:105 Resp: 1201079

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4



#74

N-ethyl acetate

Concen: 52.571 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Tgt Ion: 43 Resp: 489694

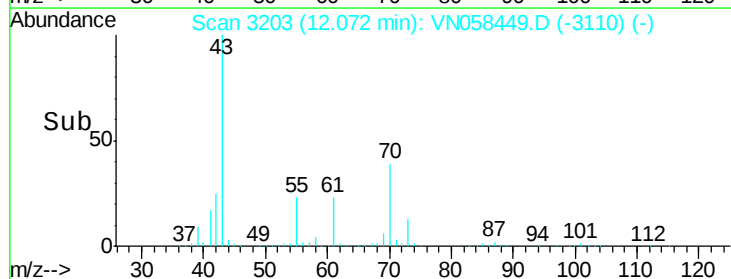
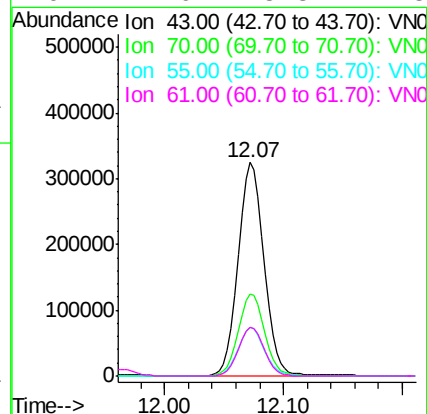
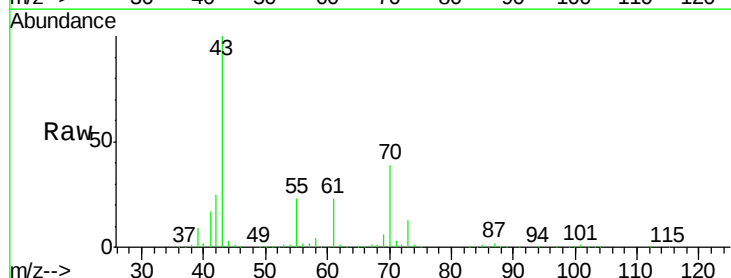
Ion Ratio Lower Upper

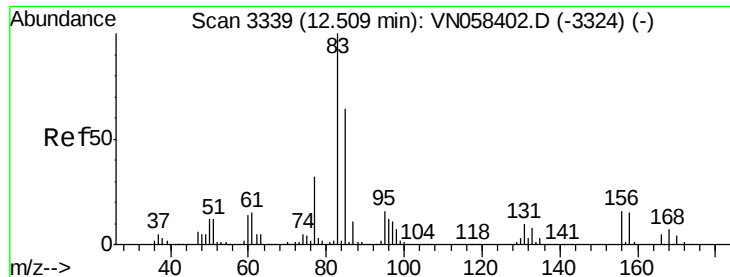
43 100

70 39.0 31.4 47.2

55 23.3 18.2 27.4

61 22.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.952 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

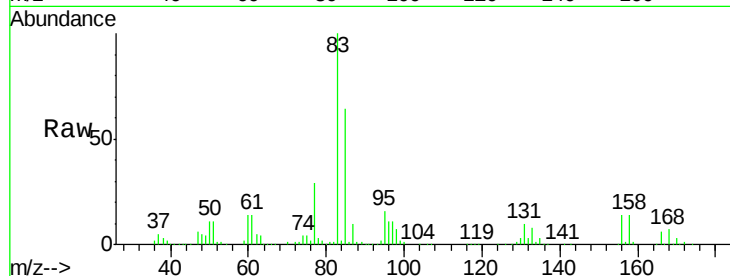
Tot Ion: 83 Resp: 352777

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

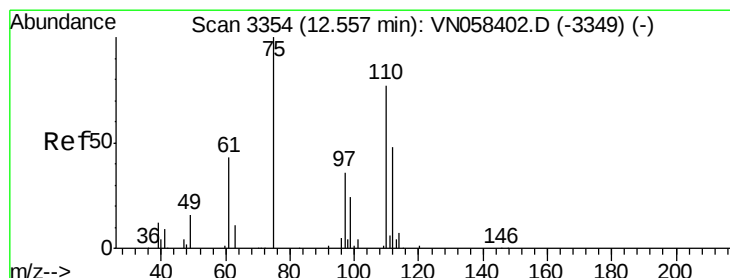
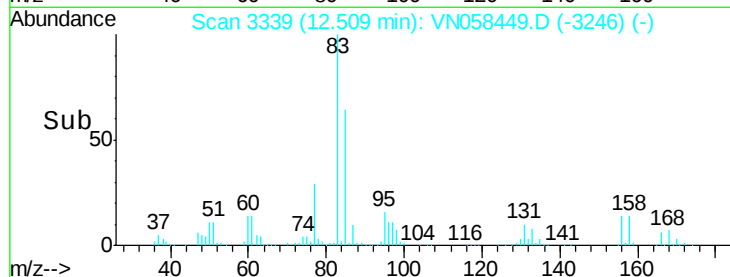
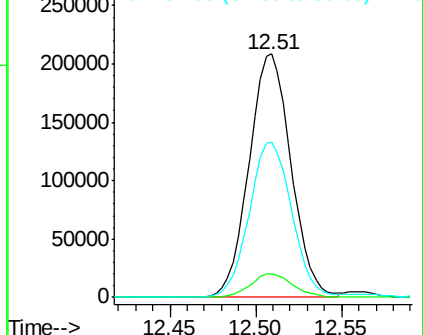
85 64.6 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN058449.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN058449.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN058449.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 76.500 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN058449.D

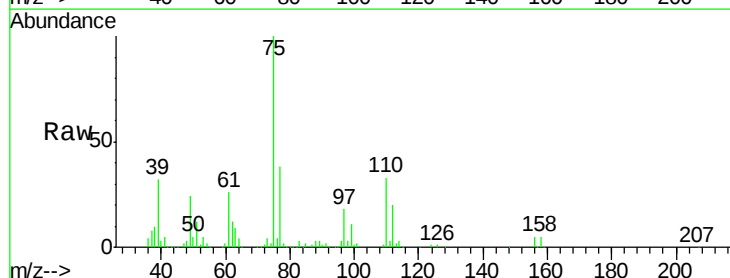
Acq: 30 Sep 2019 20:20

Tgt Ion: 75 Resp: 442700

Ion Ratio Lower Upper

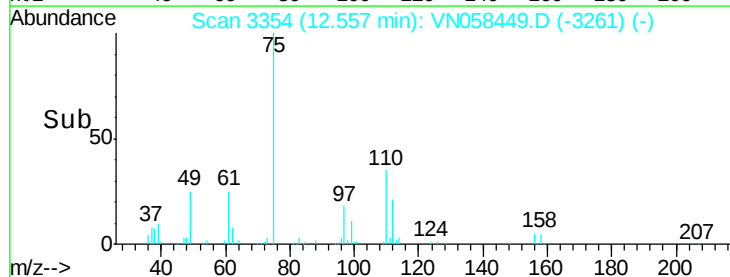
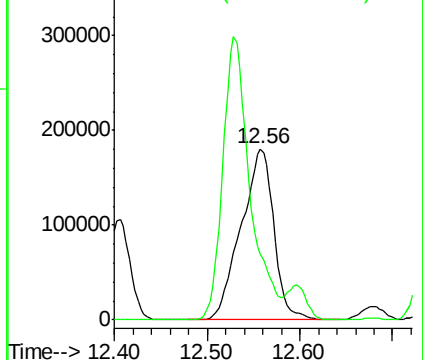
75 100

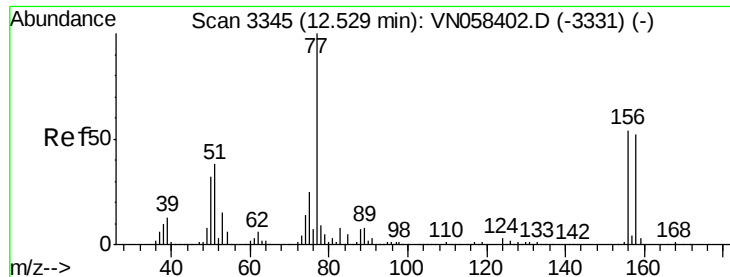
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN058449.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN058449.D (-3261) (-)





#77

Bromobenzene

Concen: 49.178 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

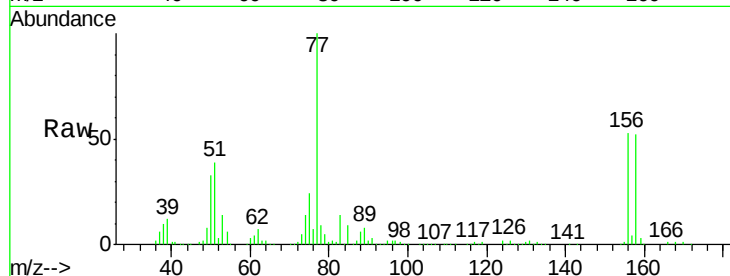
Tot Ion:156 Resp: 269994

Ion Ratio Lower Upper

156 100

77 225.5 110.0 330.0

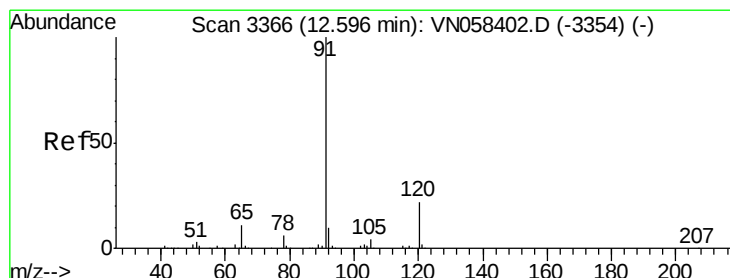
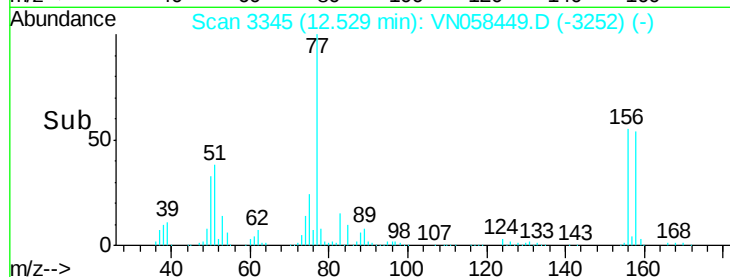
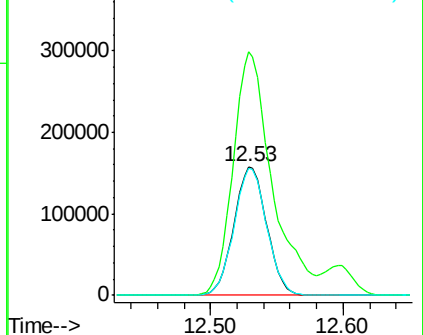
158 98.8 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.121 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN058449.D

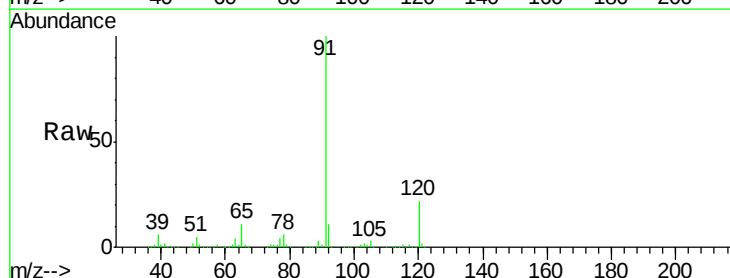
Acq: 30 Sep 2019 20:20

Tgt Ion: 91 Resp: 1427662

Ion Ratio Lower Upper

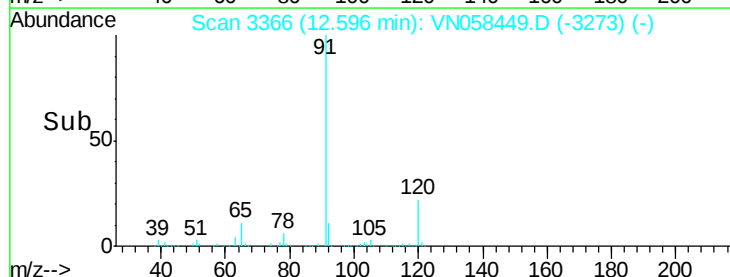
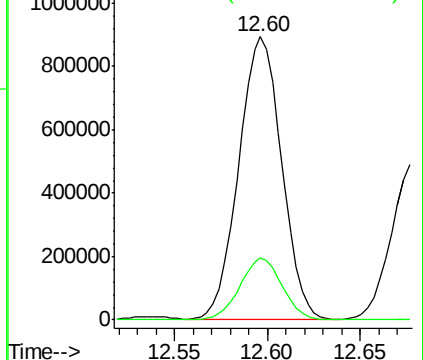
91 100

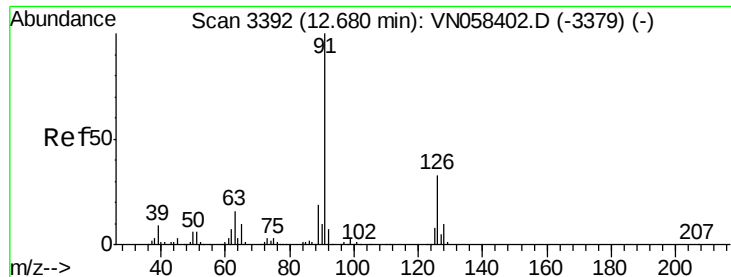
120 21.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.695 ug/l

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

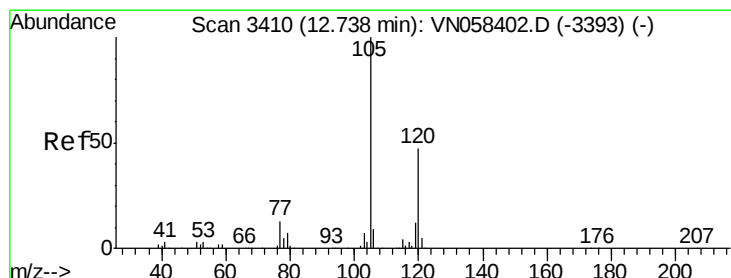
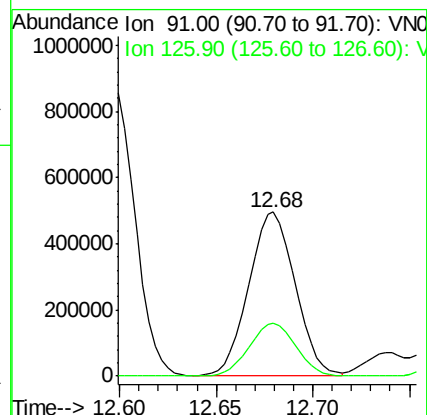
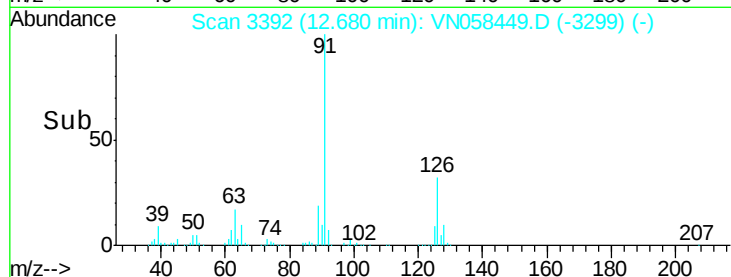
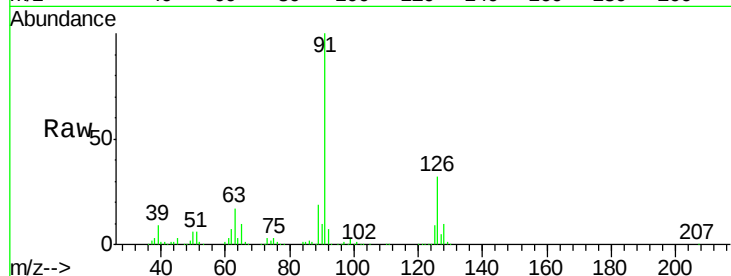
ClientSampleId :

Tot Ion: 91 Resp: 825416

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.376 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058449.D

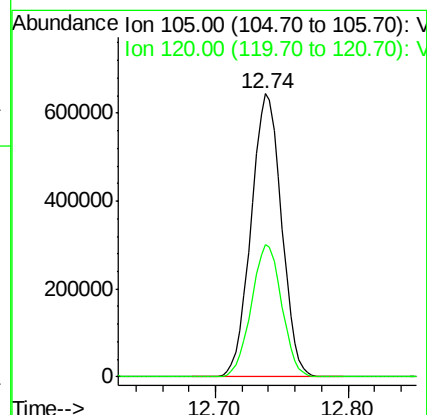
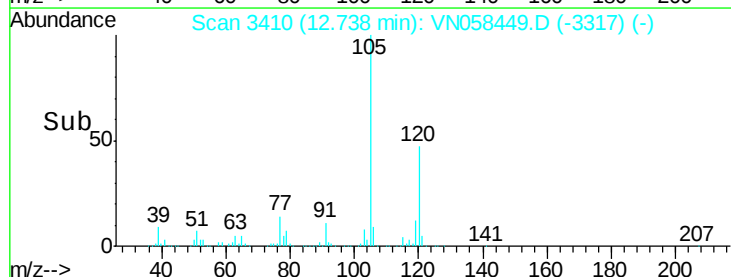
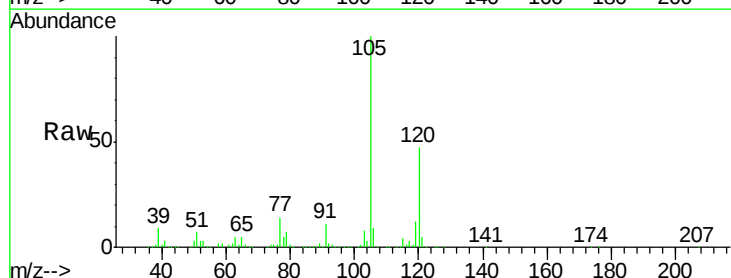
Acq: 30 Sep 2019 20:20

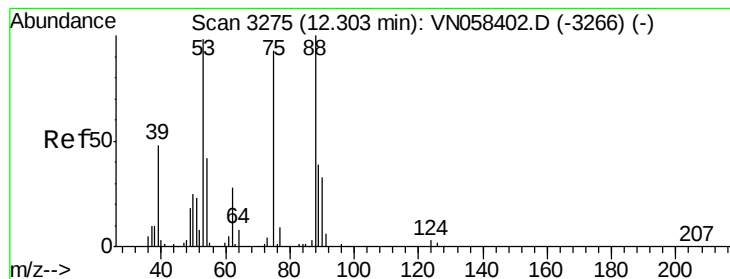
Tgt Ion: 105 Resp: 1026584

Ion Ratio Lower Upper

105 100

120 46.8 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.681 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

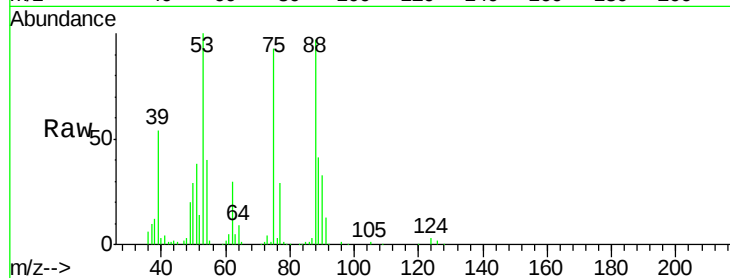
Tot Ion: 75 Resp: 98472

Ion Ratio Lower Upper

75 100

53 109.1 85.4 128.0

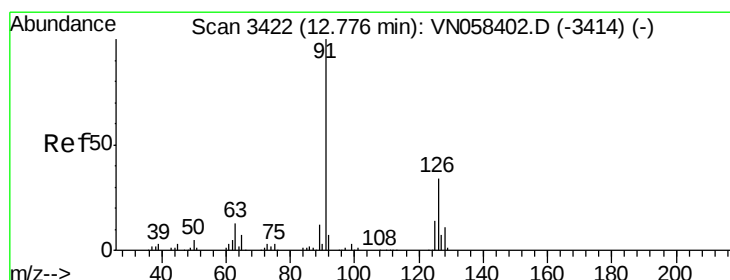
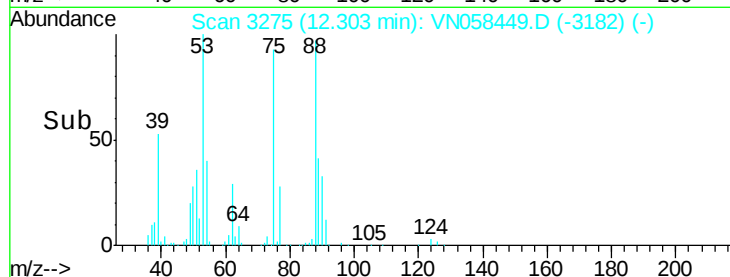
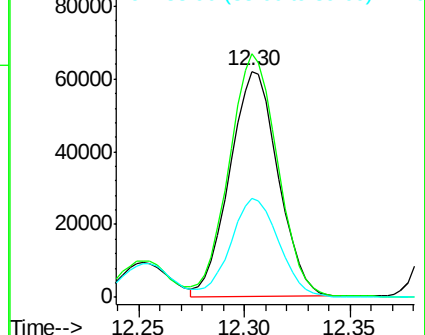
89 43.9 35.0 52.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 51.325 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN058449.D

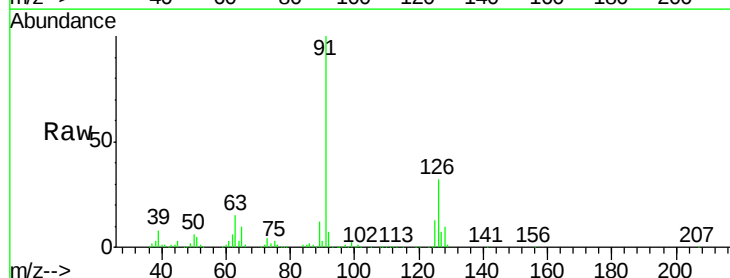
Acq: 30 Sep 2019 20:20

Tgt Ion: 91 Resp: 852727

Ion Ratio Lower Upper

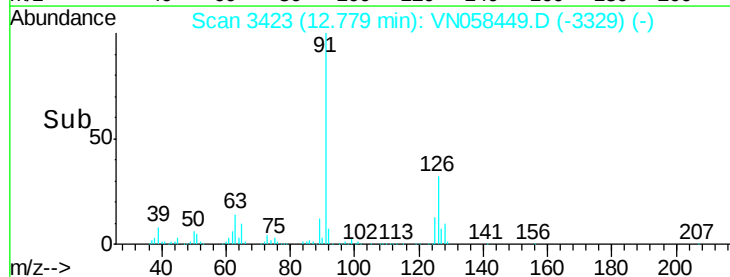
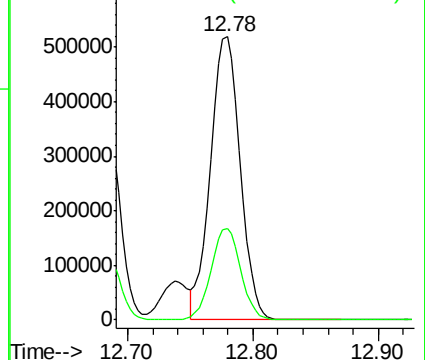
91 100

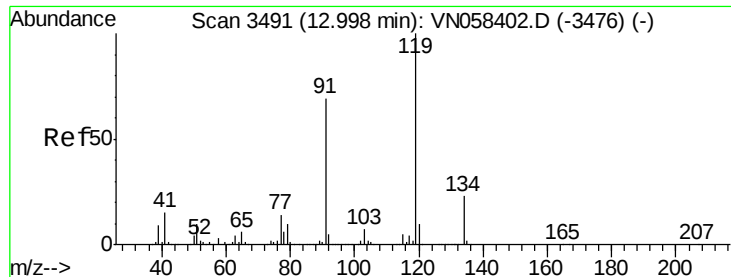
126 32.2 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

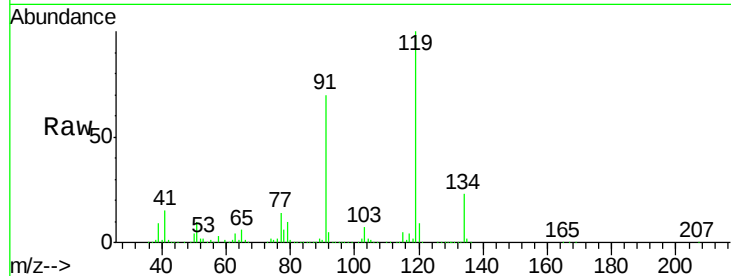




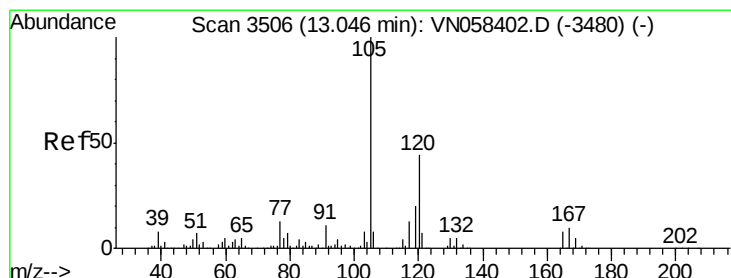
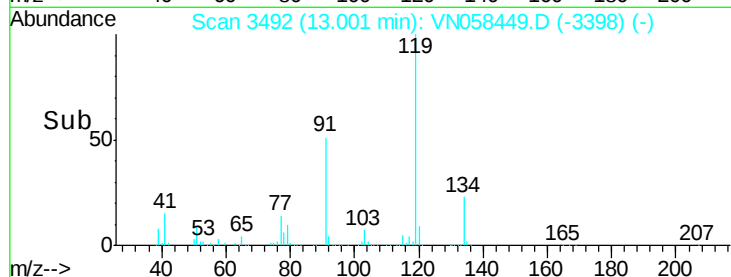
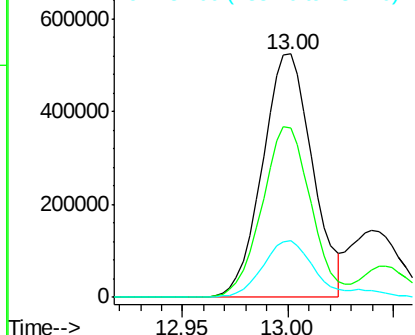
#83
tert-Butylbenzene
Concen: 52.284 ug/l
RT: 13.00 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 864724
Ion Ratio Lower Upper
119 100
91 68.5 34.2 102.6
134 23.3 11.6 34.8

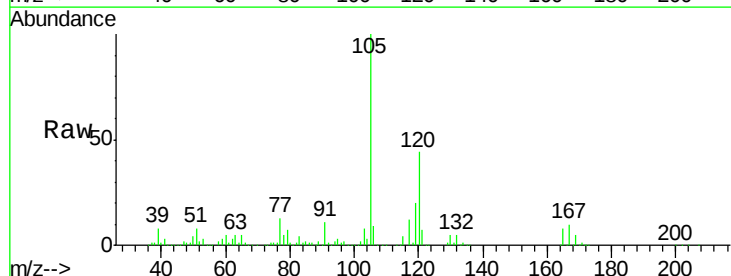


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

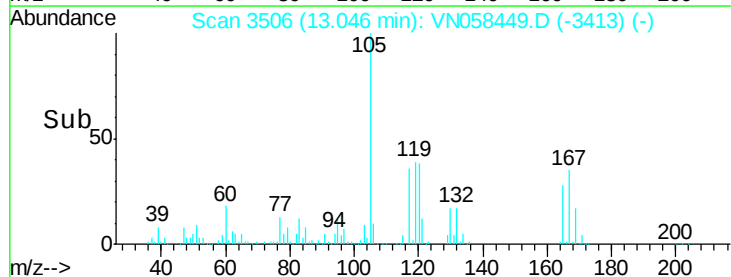
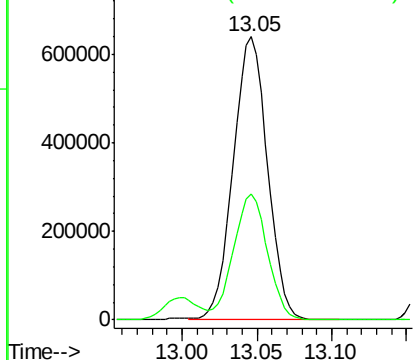


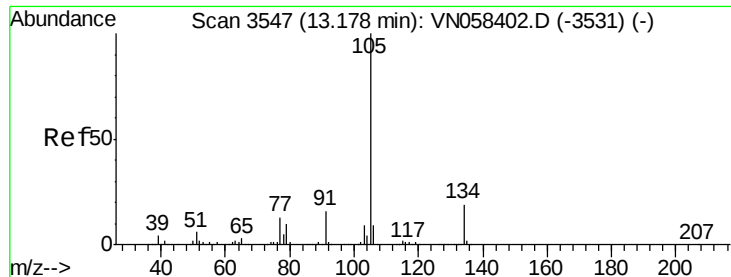
#84
1,2,4-Trimethylbenzene
Concen: 51.906 ug/l
RT: 13.05 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN058449.D
Acq: 30 Sep 2019 20:20

Tgt Ion:105 Resp: 1019319
Ion Ratio Lower Upper
105 100
120 44.3 21.7 65.1



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

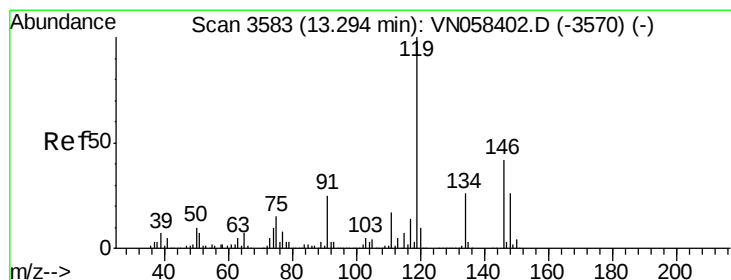
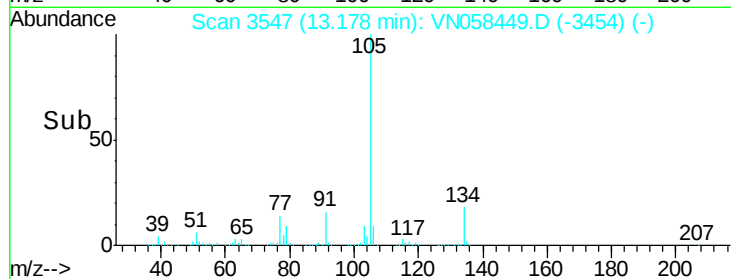
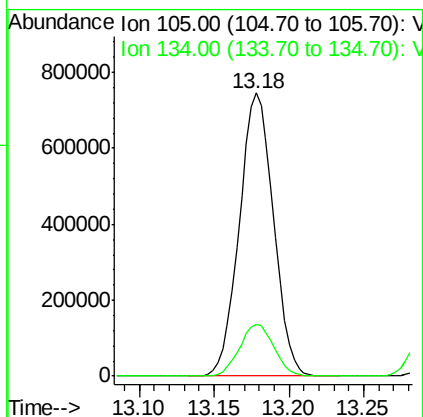
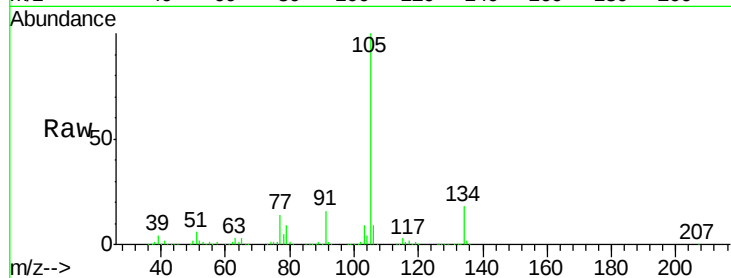




#85
 sec-Butylbenzene
 Concen: 54.220 ug/l
 RT: 13.18 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

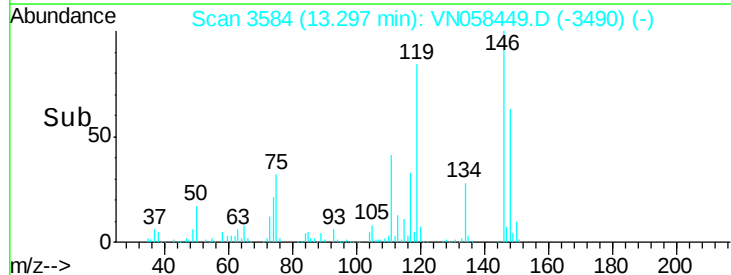
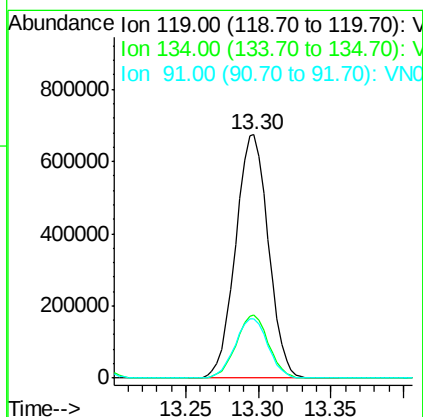
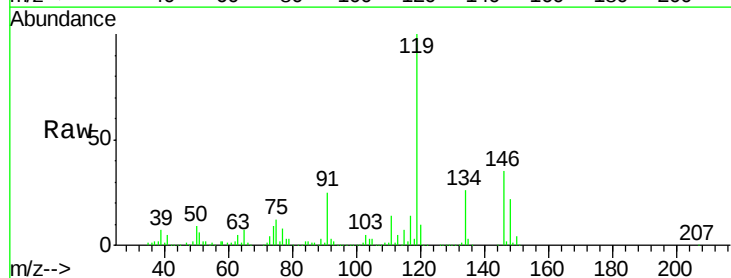
Instrument :
 MSVOA_N
 ClientSampleId :

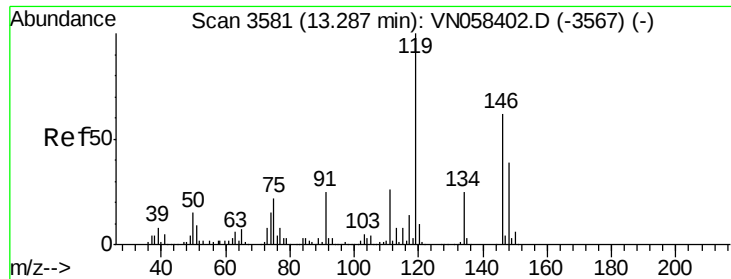
Tot Ion:105 Resp: 1180304
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 54.970 ug/l
 RT: 13.30 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion:119 Resp: 1053330
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.6 12.4 37.0

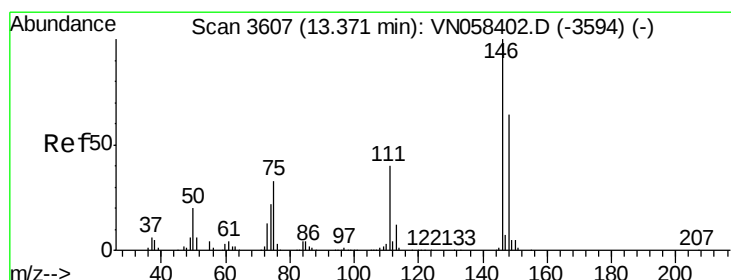
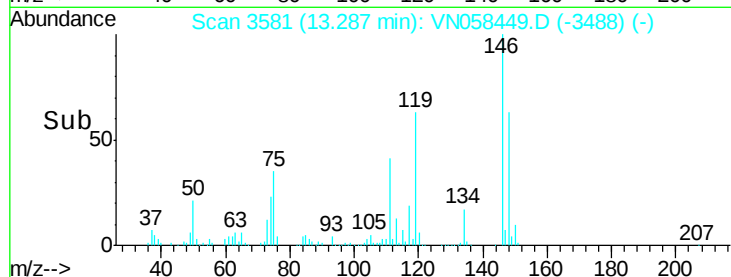
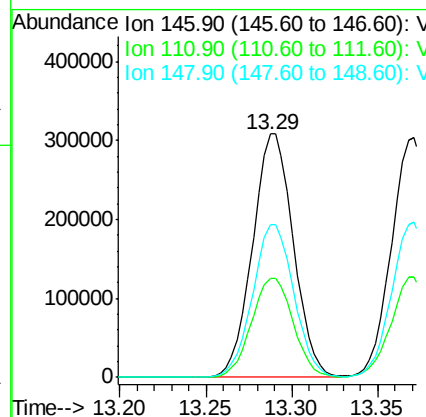
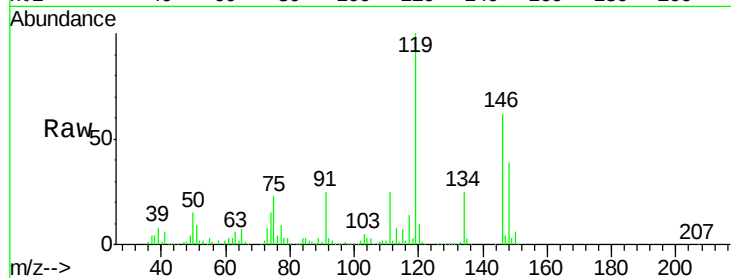




#87
 1,3-Dichlorobenzene
 Concen: 50.936 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

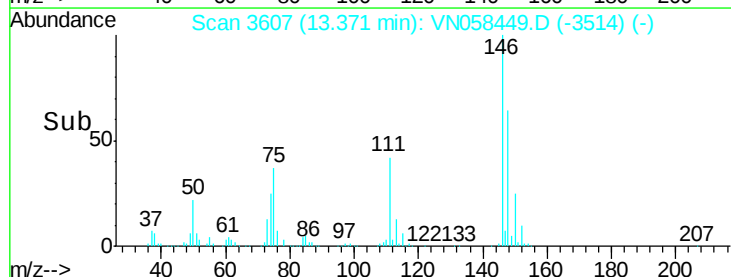
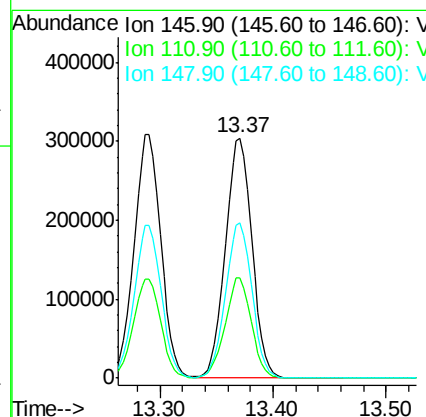
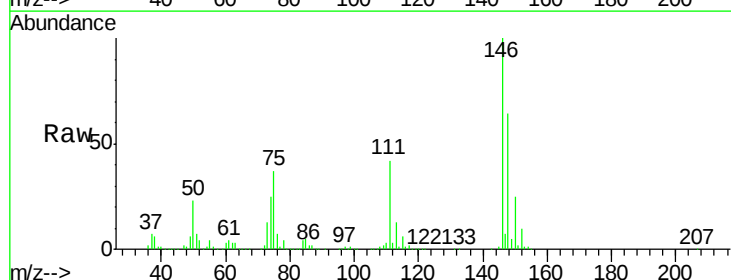
Instrument :
 MSVOA_N
 ClientSampleId :

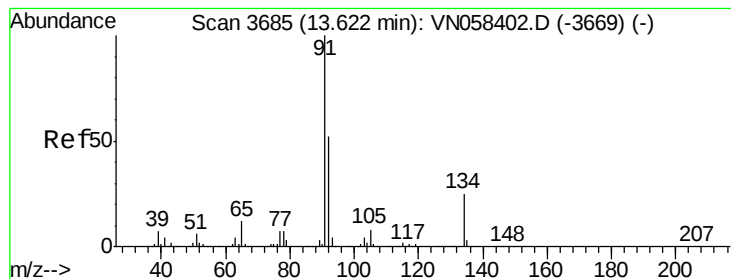
Tot Ion:146 Resp: 507075
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.8 62.4
 148 63.3 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 50.317 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion:146 Resp: 498375
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.6
 148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 54.542 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

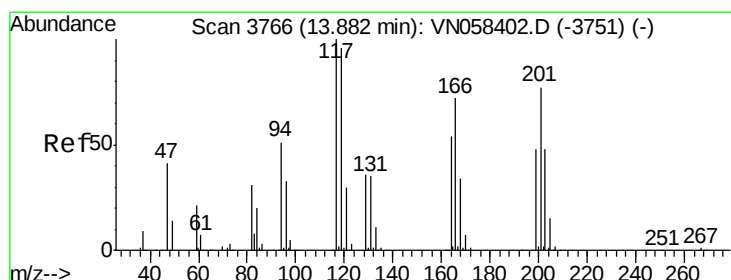
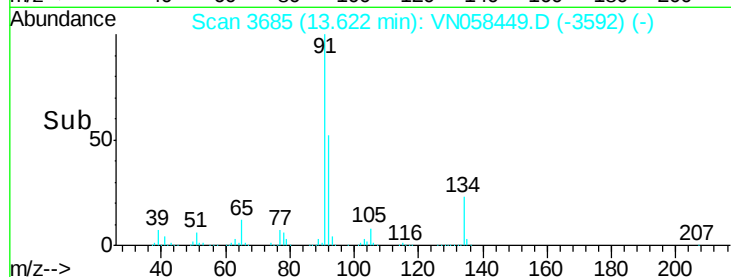
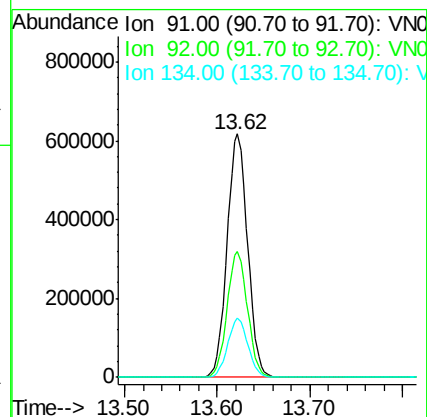
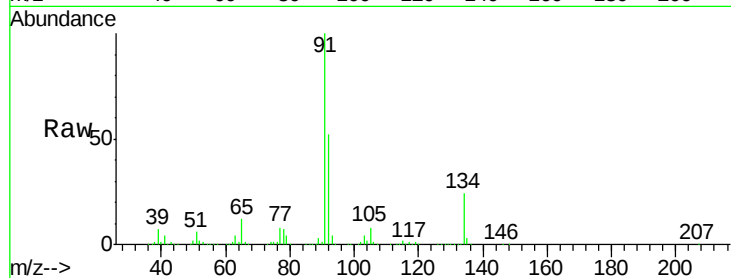
Tot Ion: 91 Resp: 946707

Ion Ratio Lower Upper

91 100

92 51.3 25.7 77.1

134 24.0 12.2 36.6



#90

Hexachloroethane

Concen: 57.945 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN058449.D

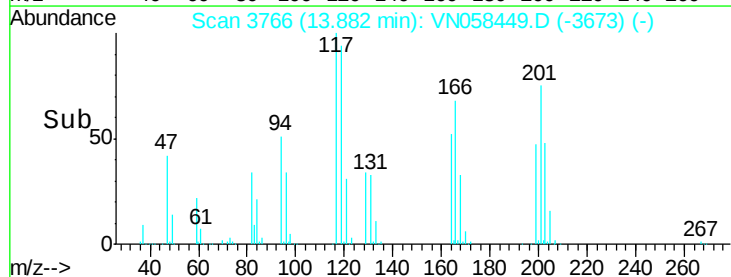
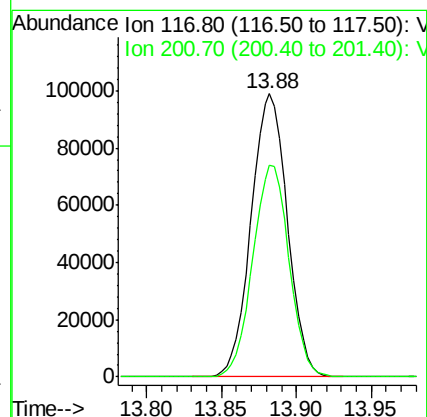
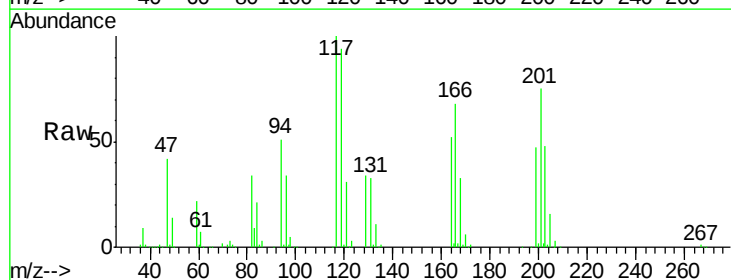
Acq: 30 Sep 2019 20:20

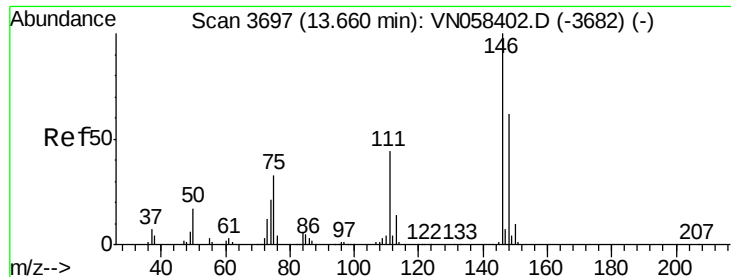
Tgt Ion: 117 Resp: 166823

Ion Ratio Lower Upper

117 100

201 74.9 38.6 116.0





#91

1,2-Dichlorobenzene

Concen: 52.024 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampleId :

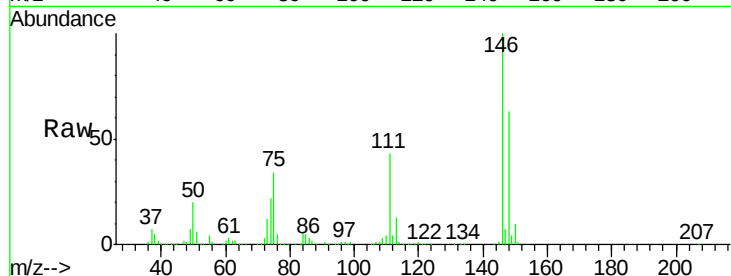
Tot Ion:146 Resp: 497620

Ion Ratio Lower Upper

146 100

111 43.1 21.8 65.3

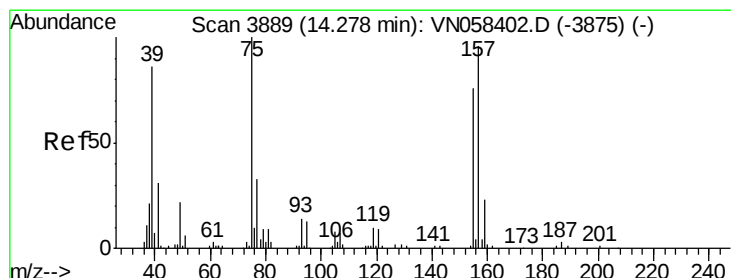
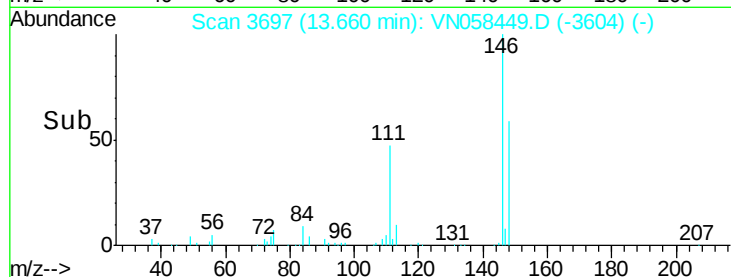
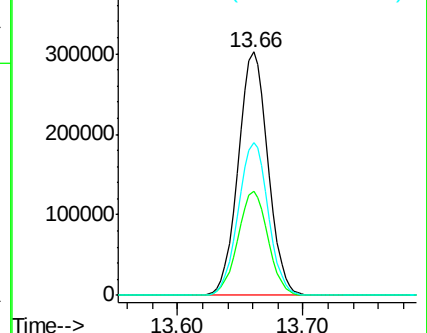
148 63.5 31.5 94.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.642 ug/l

RT: 14.28 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

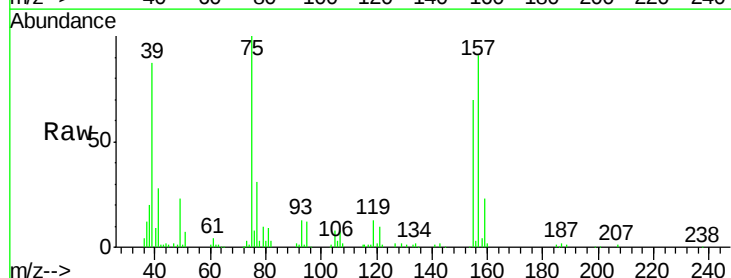
Tgt Ion: 75 Resp: 69158

Ion Ratio Lower Upper

75 100

155 73.4 39.2 117.6

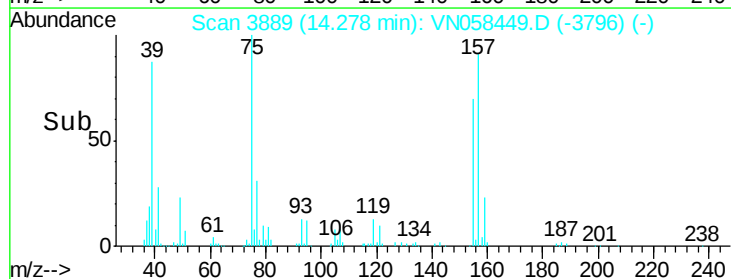
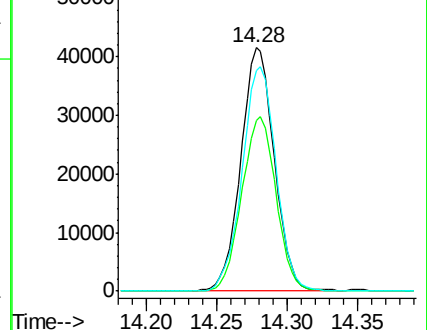
157 93.2 48.7 146.1

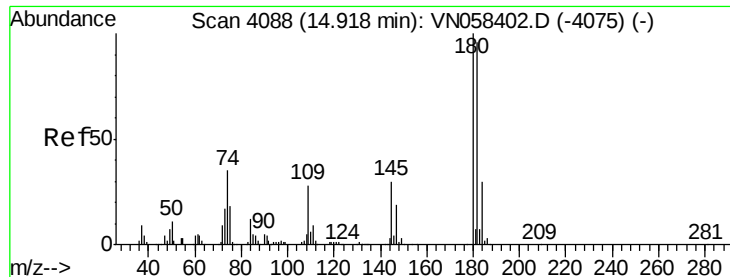


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

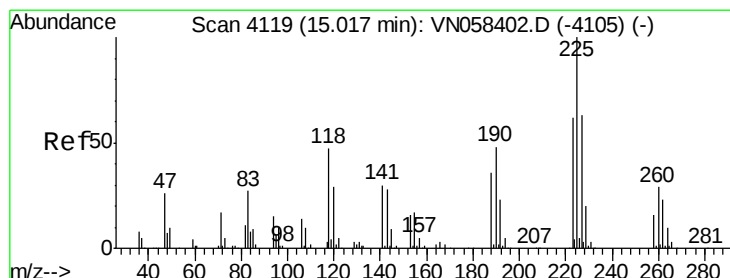
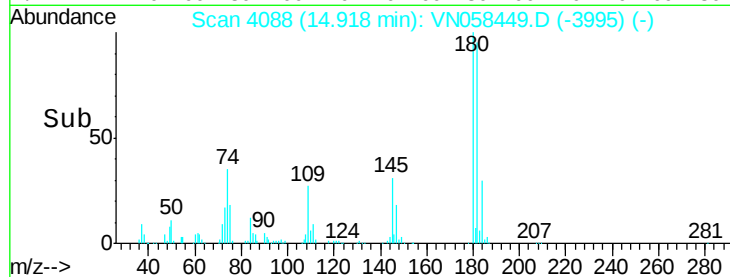
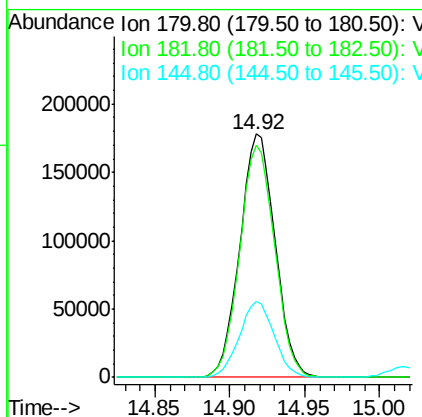
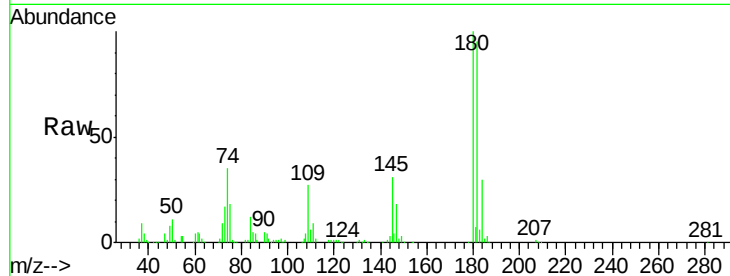




#93
 1,2,4-Trichlorobenzene
 Concen: 55.288 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

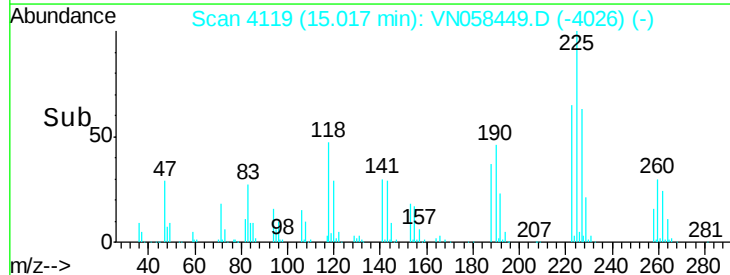
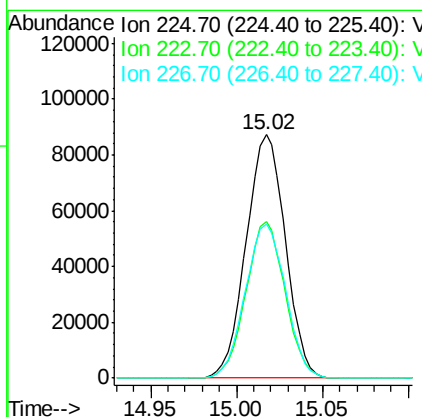
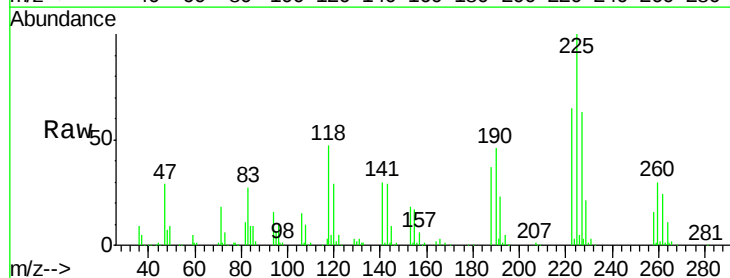
Instrument :
 MSVOA_N
 ClientSampleId :

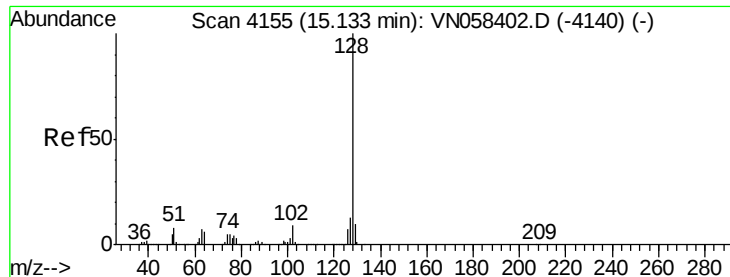
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	30.9	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 50.886 ug/l
 RT: 15.02 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN058449.D
 Acq: 30 Sep 2019 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.5
227	65.0	31.4	94.2





#95

Naphthalene

Concen: 50.940 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

Instrument :

MSVOA_N

ClientSampled :

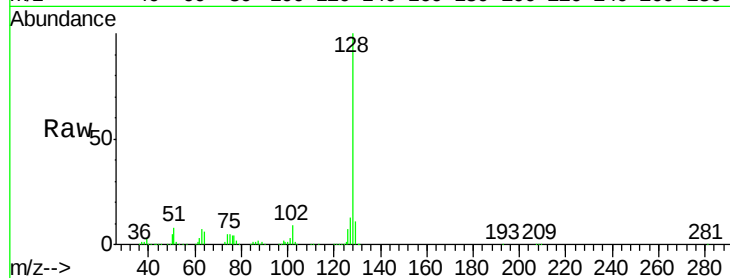
Tot Ion:128 Resp: 788515

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

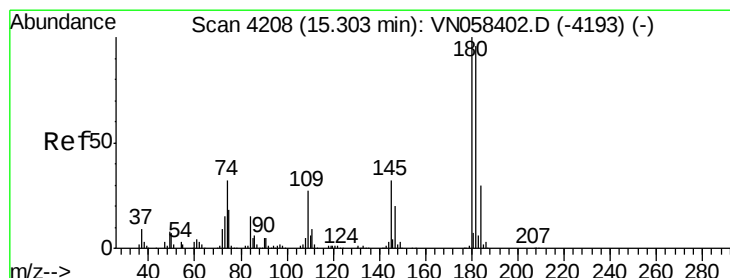
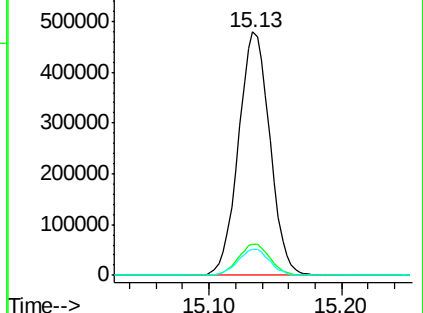
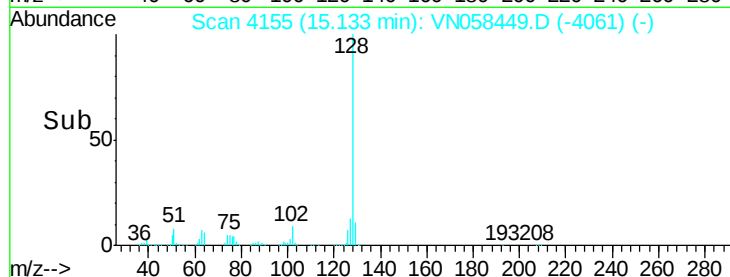
129 10.9 8.3 12.5



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: 52.584 ug/l

RT: 15.30 min Scan# 4208

Delta R.T. 0.00 min

Lab File: VN058449.D

Acq: 30 Sep 2019 20:20

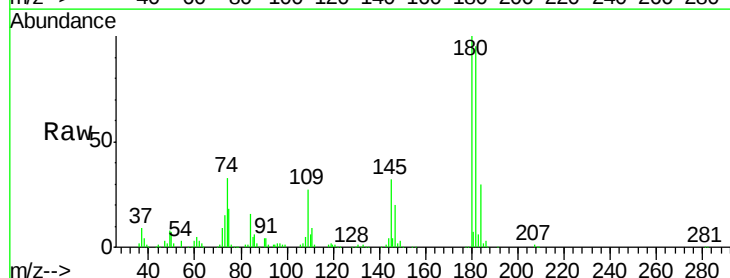
Tgt Ion:180 Resp: 278652

Ion Ratio Lower Upper

180 100

182 95.2 48.3 144.9

145 32.2 16.1 48.3



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

