

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\
 Data File : VN059098.D
 Acq On : 6 Nov 2019 11:29
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

Quant Time: Nov 07 04:03:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	534807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	834986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	760358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361910	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	322525	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.57	113	249800	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.08	98	994817	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	366708	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	254700	47.268	ug/l	100
3) Chloromethane	2.04	50	335290	45.775	ug/l	99
4) Vinyl Chloride	2.17	62	332773	46.860	ug/l	99
5) Bromomethane	2.54	94	193351	47.314	ug/l	99
6) Chloroethane	2.68	64	192072	45.722	ug/l	99
7) Trichlorofluoromethane	3.00	101	398542	46.920	ug/l	98
8) Diethyl Ether	3.39	74	165459	47.940	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	243252	47.497	ug/l	99
10) Methyl Iodide	3.93	142	303895	47.939	ug/l	100
11) Tert butyl alcohol	4.75	59	303051	241.881	ug/l	100
12) 1,1-Dichloroethene	3.71	96	237340	47.573	ug/l	99
13) Acrolein	3.58	56	166042	257.045	ug/l	98
14) Allyl chloride	4.30	41	478893	46.731	ug/l	99
15) Acrylonitrile	4.96	53	788619	252.923	ug/l	100
16) Acetone	3.79	43	880885	257.667	ug/l	99
17) Carbon Disulfide	4.03	76	705688	45.567	ug/l	99
18) Methyl Acetate	4.30	43	400675	49.377	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	840210	48.917	ug/l	100
20) Methylene Chloride	4.52	84	275496	46.256	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	255233	47.662	ug/l	99
22) Diisopropyl ether	5.92	45	936718	48.392	ug/l	98
23) Vinyl Acetate	5.87	43	3945775	263.020	ug/l	100
24) 1,1-Dichloroethane	5.82	63	515396	47.672	ug/l	99
25) 2-Butanone	6.81	43	1151726	255.619	ug/l	99
26) 2,2-Dichloropropane	6.80	77	435596	46.078	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	296029	47.648	ug/l	100
28) Bromochloromethane	7.17	49	154840	47.604	ug/l	100
29) Tetrahydrofuran	7.19	42	718513	250.976	ug/l	100
30) Chloroform	7.35	83	486096	46.871	ug/l	100
31) Cyclohexane	7.63	56	475799	46.488	ug/l	100
32) 1,1,1-Trichloroethane	7.55	97	417082	47.834	ug/l	99
36) 1,1-Dichloropropene	7.77	75	379643	48.643	ug/l	99
37) Ethyl Acetate	6.90	43	436193	50.238	ug/l	99
38) Carbon Tetrachloride	7.75	117	369429	47.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	456771	50.427	ug/l	99
40) Benzene	8.02	78	1136694	48.364	ug/l	99
41) Methacrylonitrile	7.18	41	616561	163.305	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	382618	47.467	ug/l	100
43) Isopropyl Acetate	8.14	43	679106	49.061	ug/l	100
44) Trichloroethene	8.82	130	280969	48.633	ug/l	98
45) 1,2-Dichloropropane	9.10	63	308097	48.263	ug/l	99
46) Dibromomethane	9.19	93	186304	46.833	ug/l	99
47) Bromodichloromethane	9.39	83	389167	48.992	ug/l	99
48) Methyl methacrylate	9.18	41	308751	49.867	ug/l	98
49) 1,4-Dioxane	9.18	88	115508	1049.765	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	2138020	272.979	ug/l	100
52) Toluene	10.15	92	692615	49.168	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	450746	49.115	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	490438	49.681	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	272865	47.862	ug/l	99
56) Ethyl methacrylate	10.42	69	447249	47.147	ug/l	99
57) 1,3-Dichloropropane	10.70	76	481645	49.087	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	907527	286.035	ug/l	100
59) 2-Hexanone	10.74	43	1652515	274.889	ug/l	99
60) Dibromochloromethane	10.90	129	295424	49.011	ug/l	100
61) 1,2-Dibromoethane	11.00	107	280547	48.611	ug/l	99
64) Tetrachloroethene	10.63	164	246209	47.620	ug/l	98
65) Chlorobenzene	11.43	112	722472	48.742	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	270110	48.579	ug/l	99
67) Ethyl Benzene	11.51	91	1333957	50.724	ug/l	99
68) m/p-Xylenes	11.62	106	990328	100.531	ug/l	100
69) o-Xylene	11.95	106	468767	49.240	ug/l	100
70) Styrene	11.96	104	794260	53.048	ug/l	100
71) Bromoform	12.13	173	215954	49.932	ug/l	100
73) Isopropylbenzene	12.25	105	1284801	48.805	ug/l	100
74) N-amyl acetate	12.07	43	578856	51.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	424179	47.315	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	577564	70.097	ug/l #	100
77) Bromobenzene	12.53	156	306393	46.324	ug/l	98
78) n-propylbenzene	12.59	91	1525541	50.611	ug/l	100
79) 2-Chlorotoluene	12.67	91	893939	47.807	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1092391	48.971	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	158122	50.688	ug/l	98
82) 4-Chlorotoluene	12.77	91	919756	49.041	ug/l	99
83) tert-Butylbenzene	12.99	119	938336	48.710	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1086579	50.347	ug/l	99
85) sec-Butylbenzene	13.17	105	1255004	50.093	ug/l	99
86) p-Isopropyltoluene	13.29	119	1143328	51.684	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	549310	48.500	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	546613	48.236	ug/l	100
89) n-Butylbenzene	13.62	91	1007067	52.014	ug/l	99
90) Hexachloroethane	13.88	117	206476	46.482	ug/l	100
91) 1,2-Dichlorobenzene	13.66	146	539567	48.429	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	88561	49.514	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

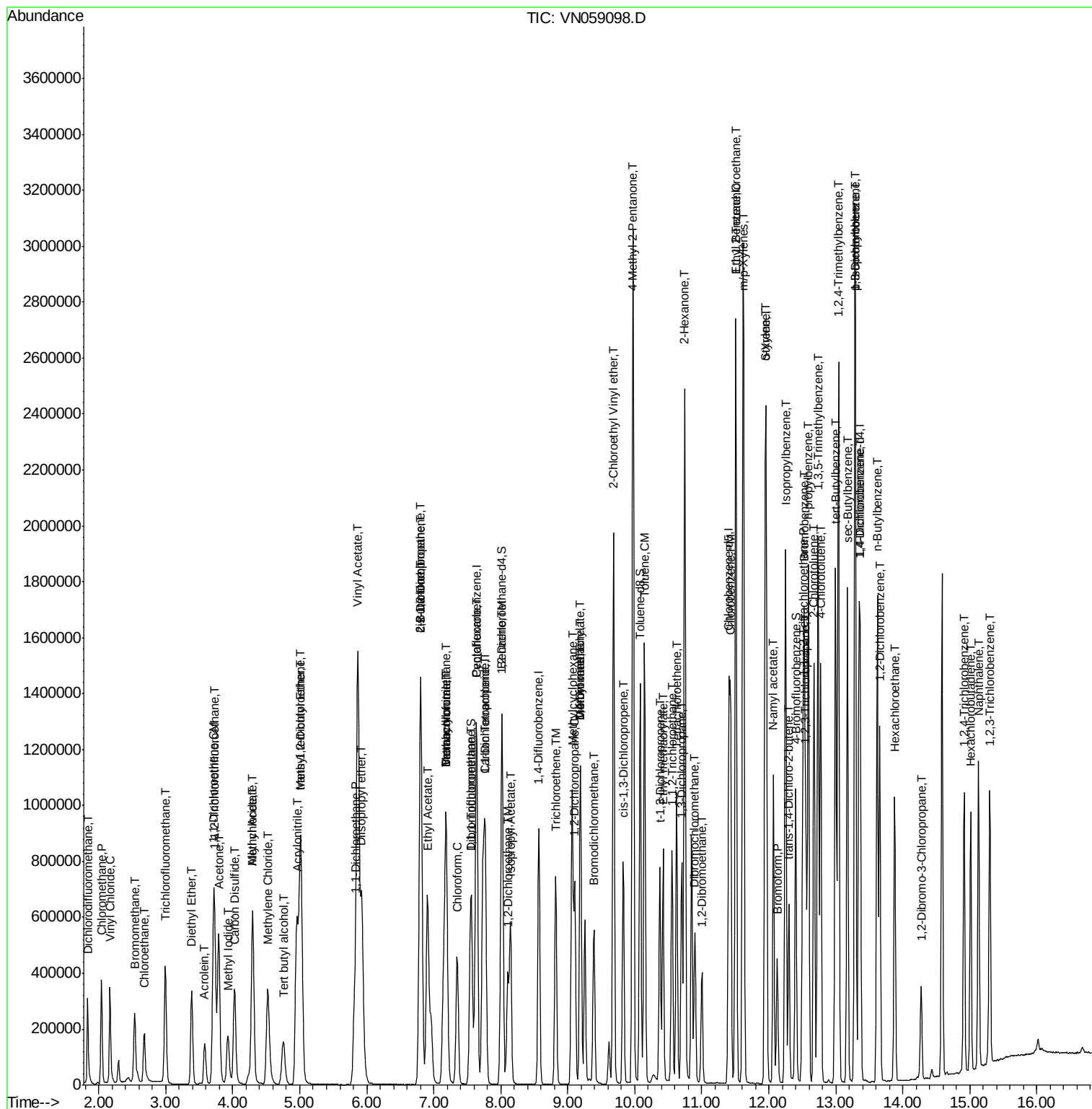
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	318520	47.296	ug/l	100
94) Hexachlorobutadiene	15.01	225	180533	46.994	ug/l	99
95) Naphthalene	15.13	128	892474	47.735	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	314122	50.309	ug/l	98

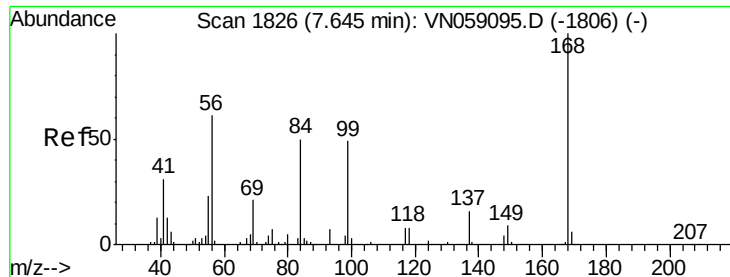
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110619\
Data File : VN059098.D
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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

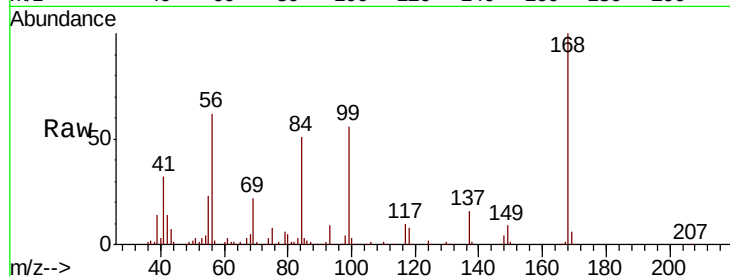
ICVFN110619

Tot Ion:168 Resp: 534807

Ion Ratio Lower Upper

168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VN059095.D (-1806) (-)

Ion 98.90 (98.60 to 99.60): VN059095.D (-1806) (-)

7.64

250000

200000

150000

100000

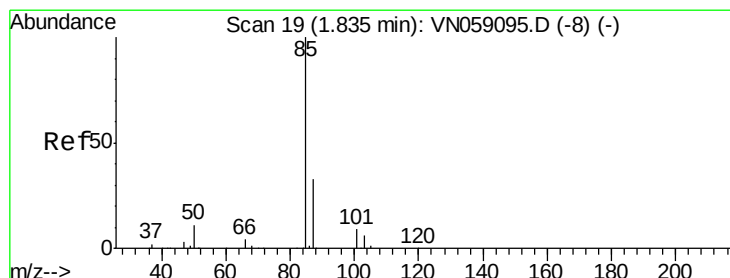
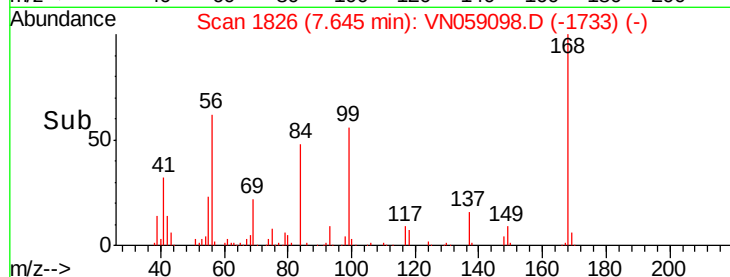
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 47.268 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059098.D

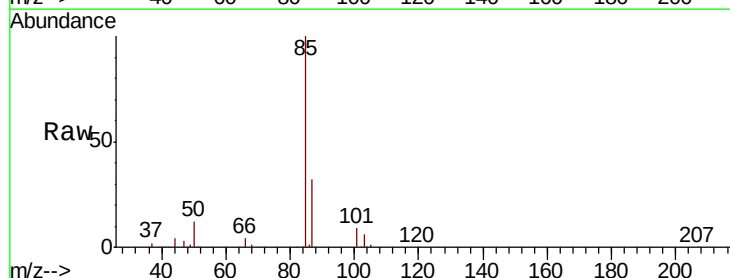
Acq: 6 Nov 2019 11:29

Tgt Ion: 85 Resp: 254700

Ion Ratio Lower Upper

85 100

87 32.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN059095.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN059095.D (-8) (-)

1.83

200000

150000

100000

50000

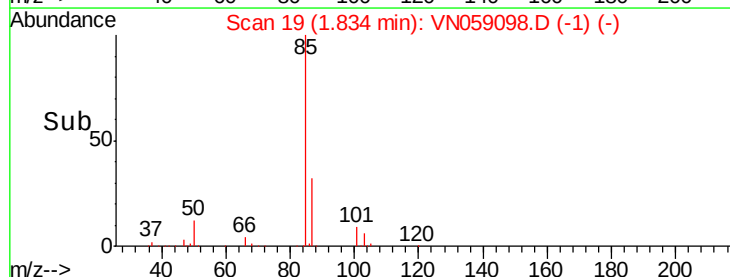
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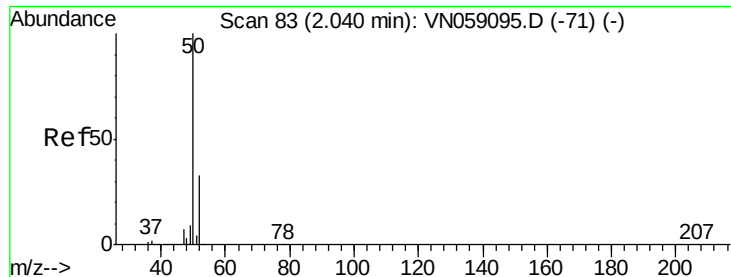
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 45.775 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

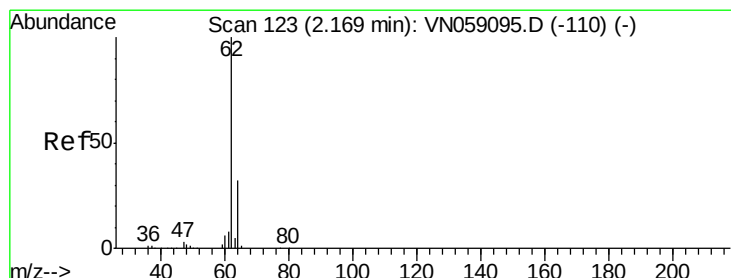
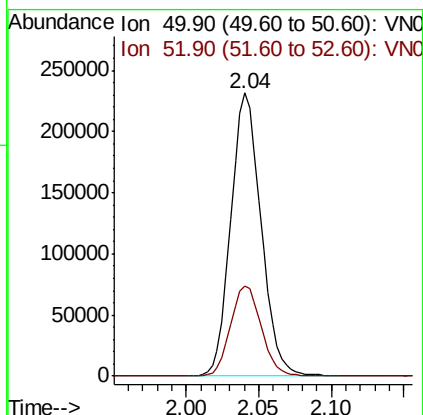
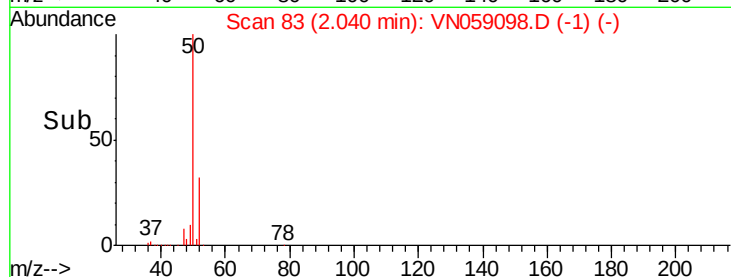
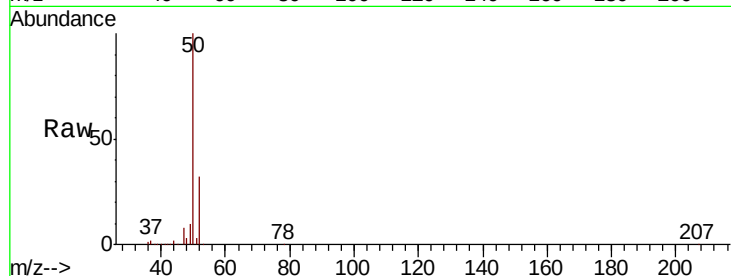
ICVFN110619

Tot Ion: 50 Resp: 335290

Ion Ratio Lower Upper

50 100

52 31.8 26.0 39.0



#4

Vinyl Chloride

Concen: 46.860 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059098.D

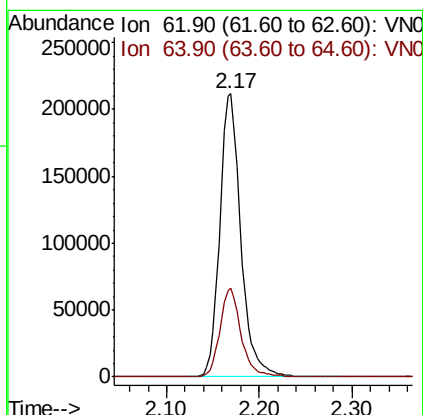
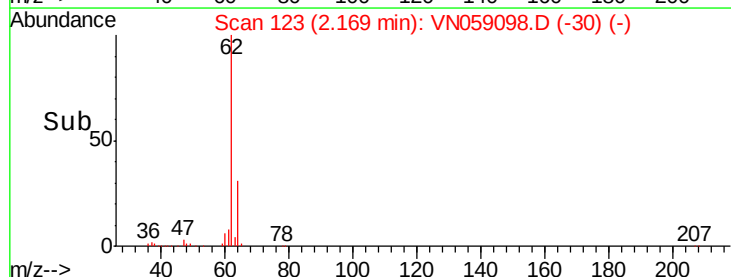
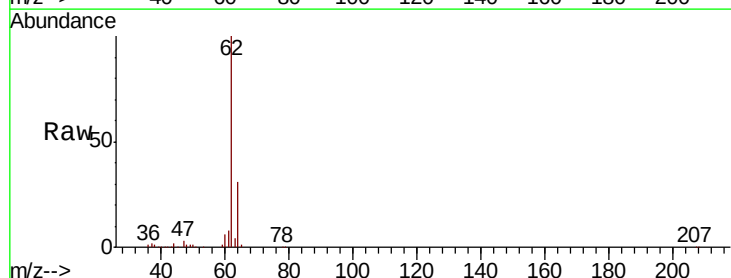
Acq: 6 Nov 2019 11:29

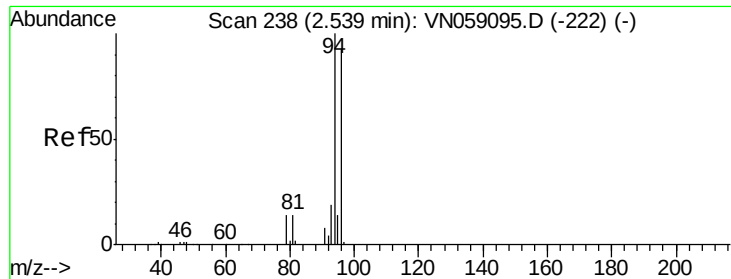
Tgt Ion: 62 Resp: 332773

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.2





#5

Bromomethane

Concen: 47.314 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

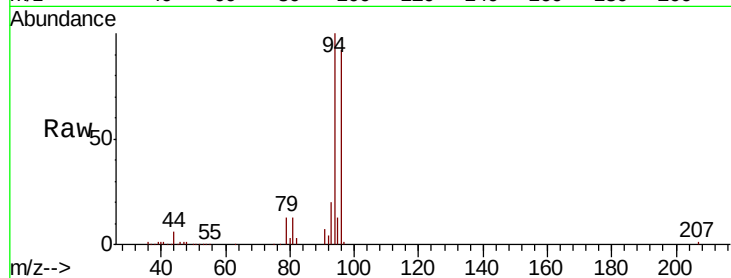
ICVVN110619

Tot Ion: 94 Resp: 193351

Ion Ratio Lower Upper

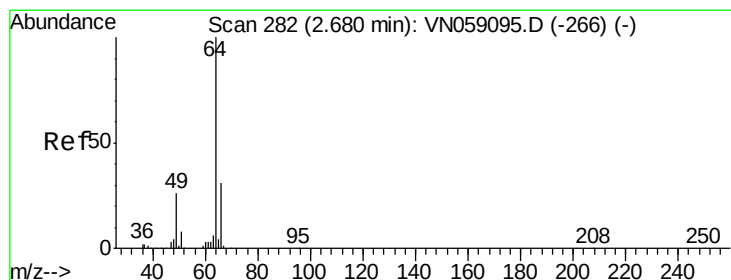
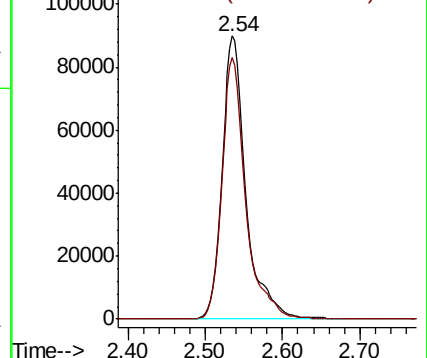
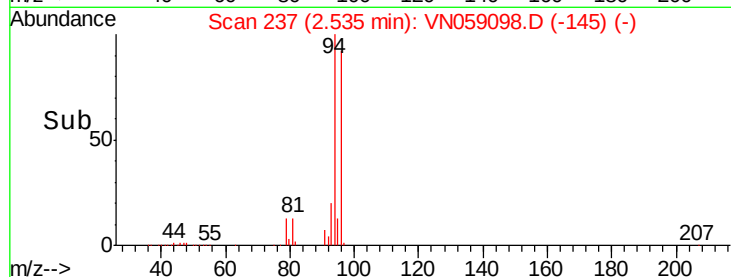
94 100

96 92.2 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN059098.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059098.D (-145) (-)



#6

Chloroethane

Concen: 45.722 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN059098.D

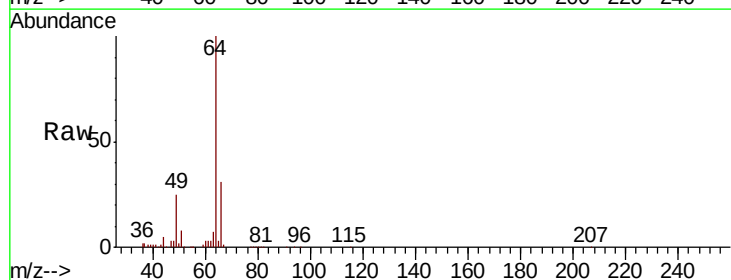
Acq: 6 Nov 2019 11:29

Tgt Ion: 64 Resp: 192072

Ion Ratio Lower Upper

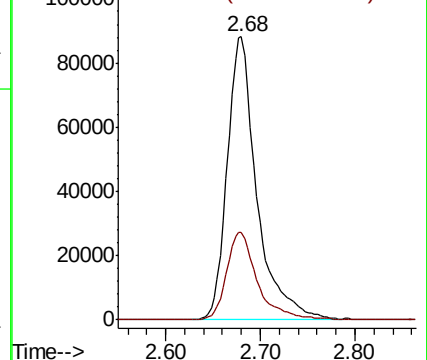
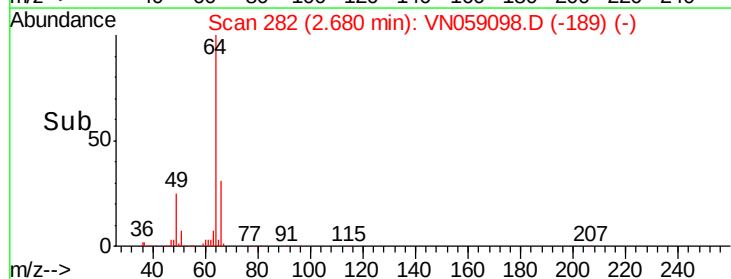
64 100

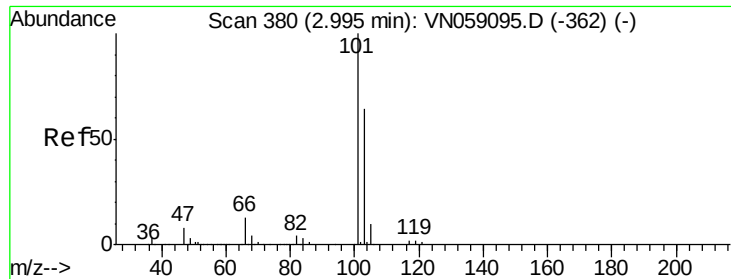
66 30.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN059098.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059098.D (-189) (-)



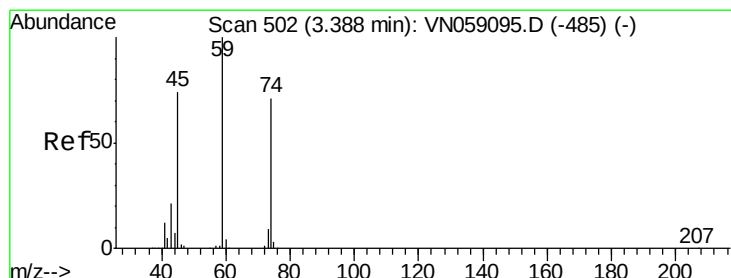
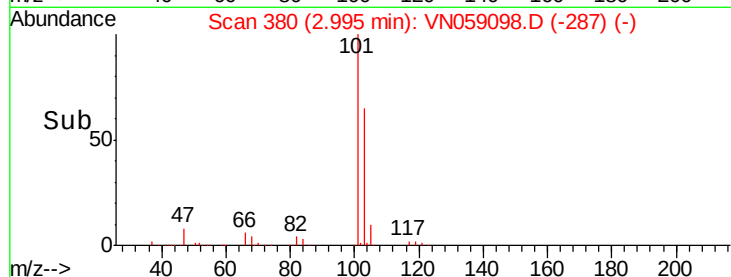
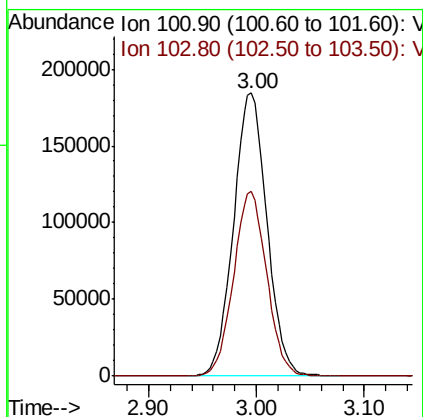
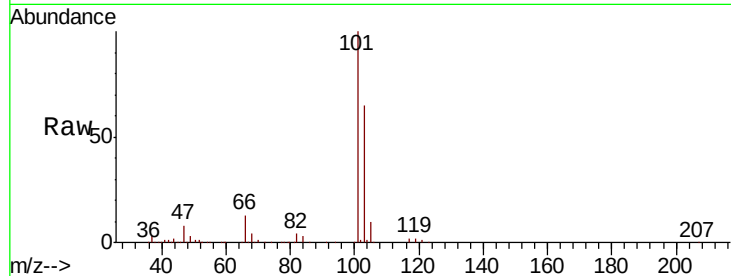


#7

Trichlorofluoromethane
 Concen: 46.920 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Instrument :
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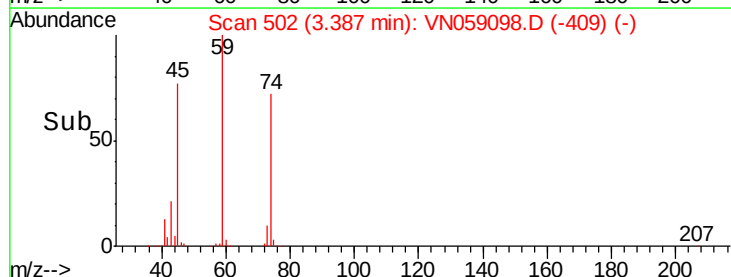
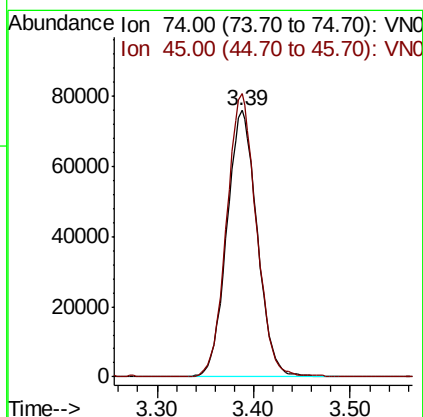
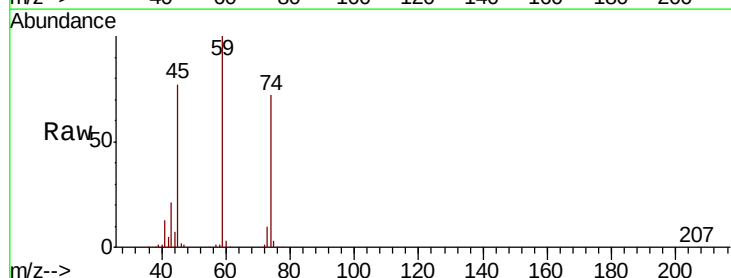
Tot Ion:101 Resp: 398542
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.2 76.8

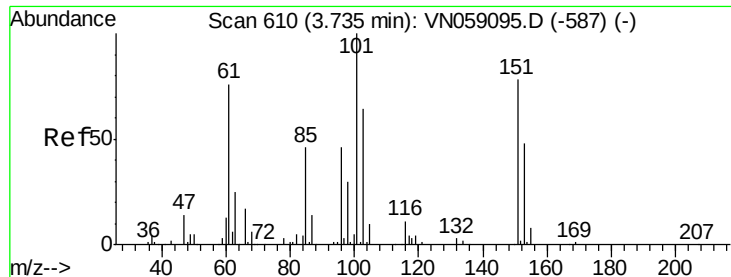


#8

Diethyl Ether
 Concen: 47.940 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion: 74 Resp: 165459
 Ion Ratio Lower Upper
 74 100
 45 104.7 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.497 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

ICVFN110619

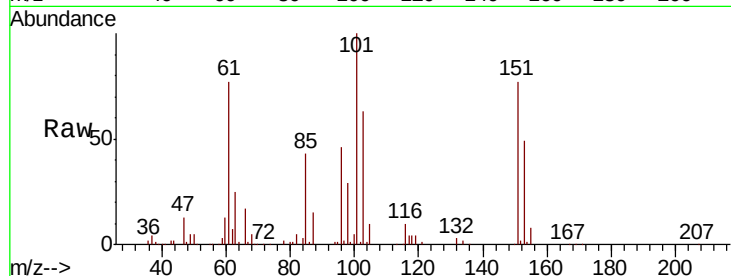
Tot Ion:101 Resp: 243252

Ion Ratio Lower Upper

101 100

85 43.6 35.5 53.3

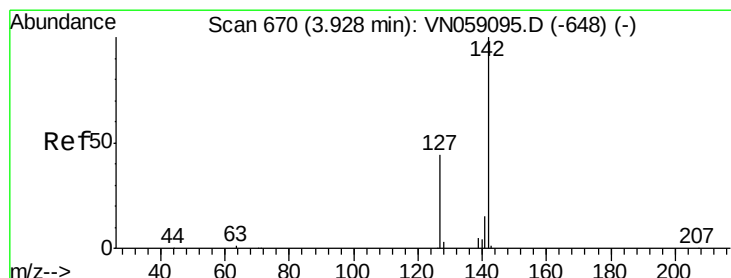
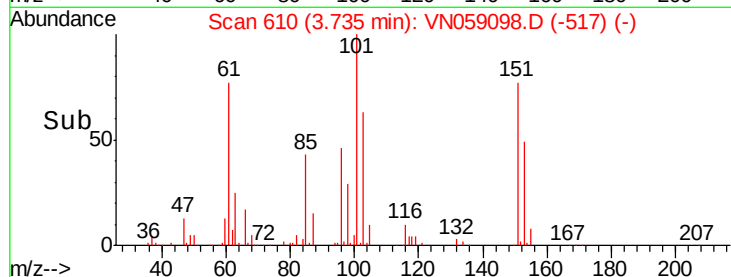
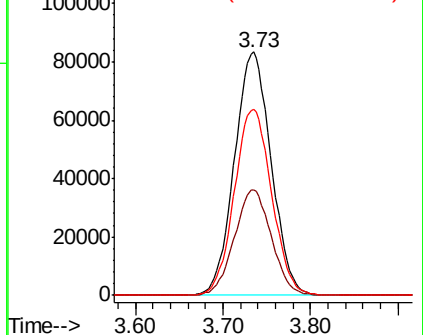
151 77.6 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.939 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

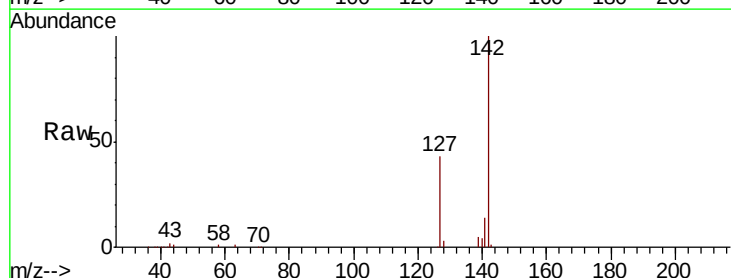
Tgt Ion:142 Resp: 303895

Ion Ratio Lower Upper

142 100

127 43.0 34.2 51.2

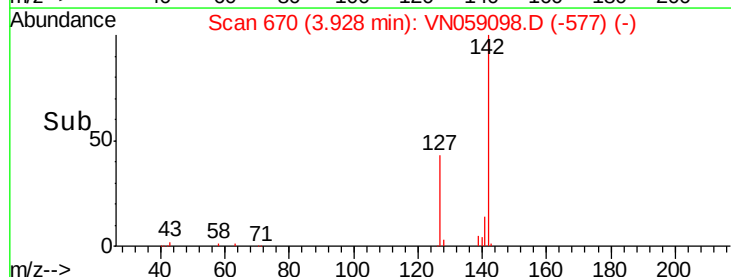
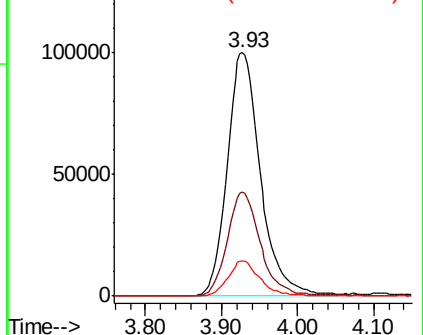
141 14.0 11.4 17.0

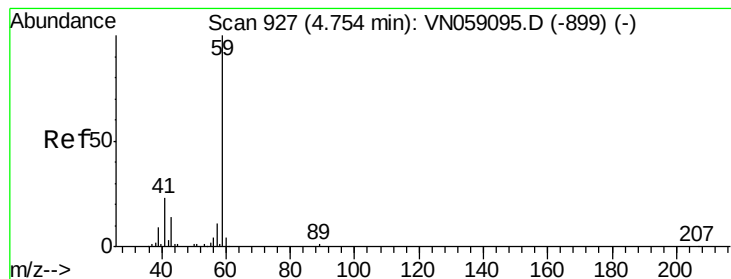


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 241.881 ug/l

RT: 4.75 min Scan# 927

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

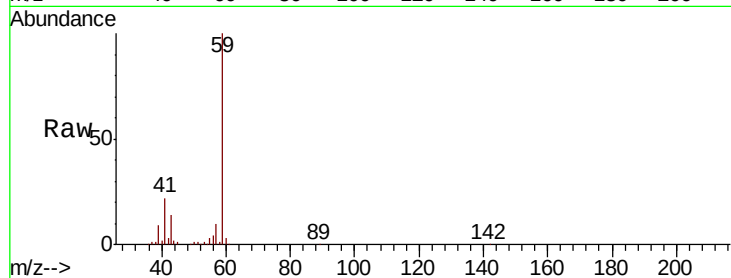
ICVVN110619

Tot Ion: 59 Resp: 303051

Ion Ratio Lower Upper

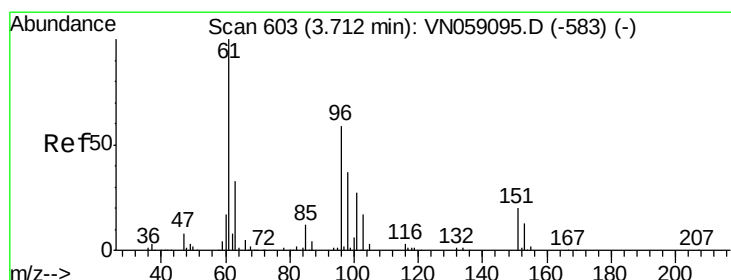
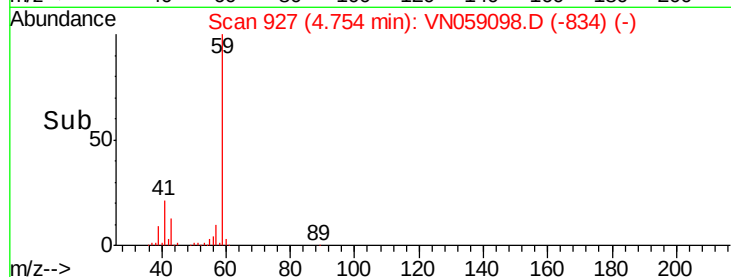
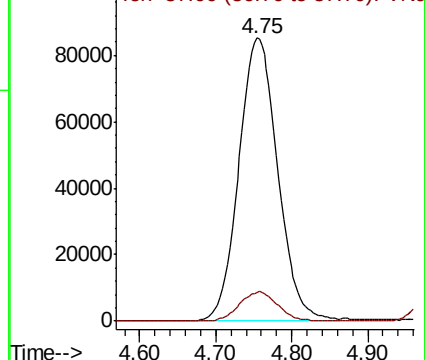
59 100

57 10.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN059098.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VN059098.D (-834) (-)



#12

1,1-Dichloroethene

Concen: 47.573 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

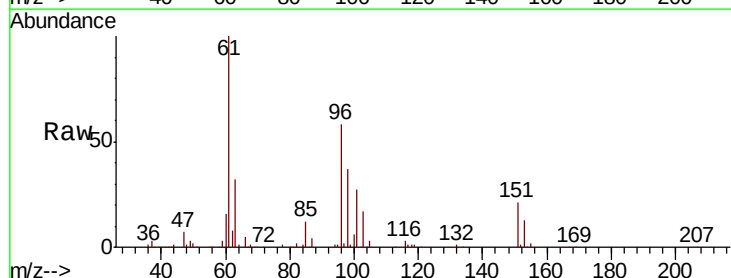
Tgt Ion: 96 Resp: 237340

Ion Ratio Lower Upper

96 100

61 172.6 136.5 204.7

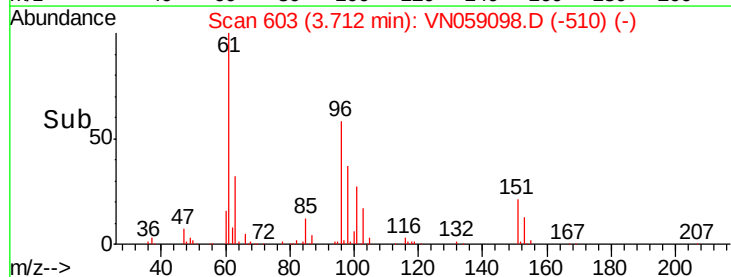
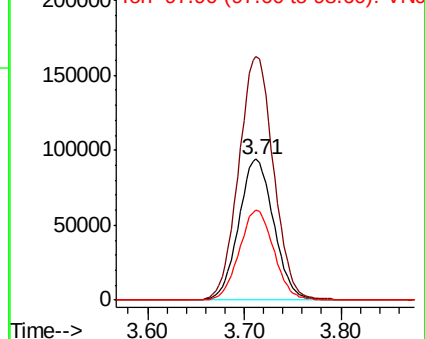
98 63.7 50.2 75.4

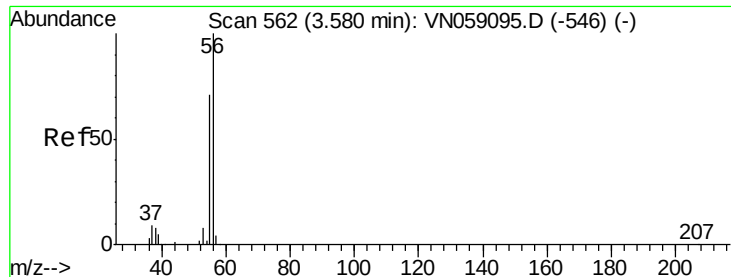


Abundance Ion 95.90 (95.60 to 96.60): VN059098.D (-510) (-)

Ion 60.90 (60.60 to 61.60): VN059098.D (-510) (-)

Ion 97.90 (97.60 to 98.60): VN059098.D (-510) (-)





#13

Acrolein

Concen: 257.045 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

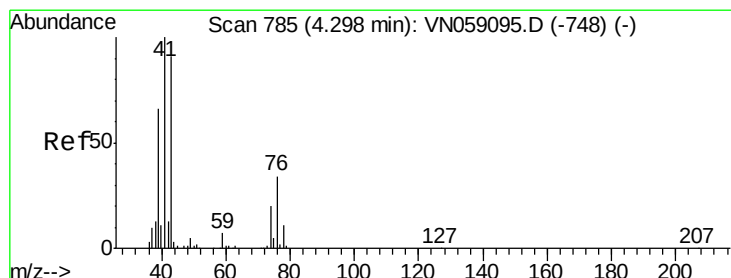
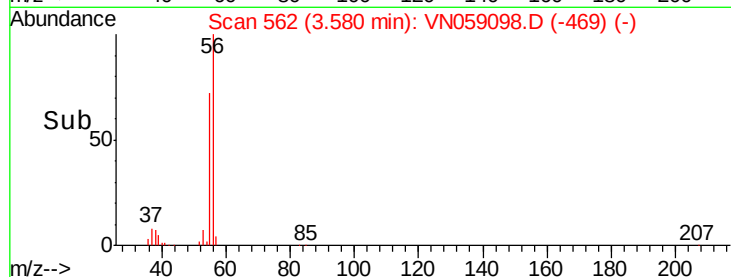
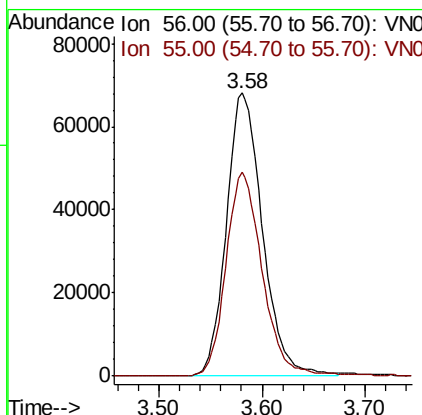
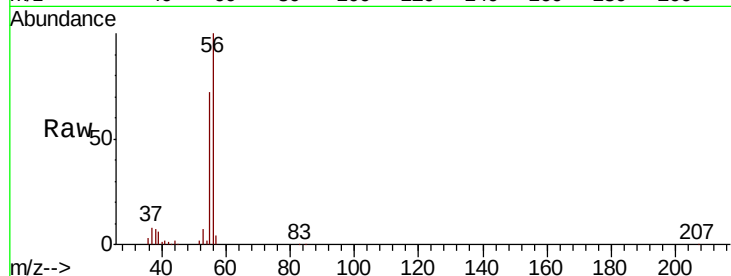
ICVVN110619

Tot Ion: 56 Resp: 166042

Ion Ratio Lower Upper

56 100

55 72.3 56.4 84.6



#14

Allyl chloride

Concen: 46.731 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

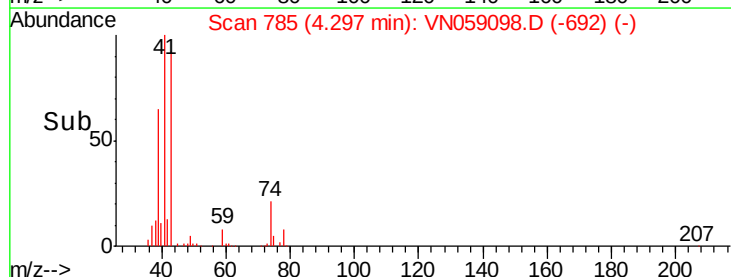
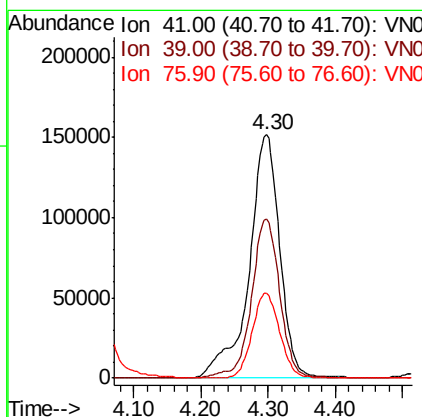
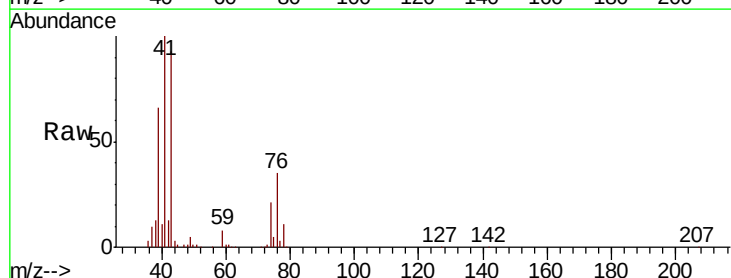
Tgt Ion: 41 Resp: 478893

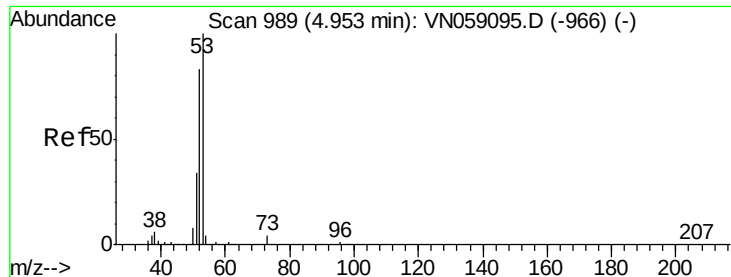
Ion Ratio Lower Upper

41 100

39 60.5 49.1 73.7

76 30.8 24.9 37.3





#15

Acrylonitrile

Concen: 252.923 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

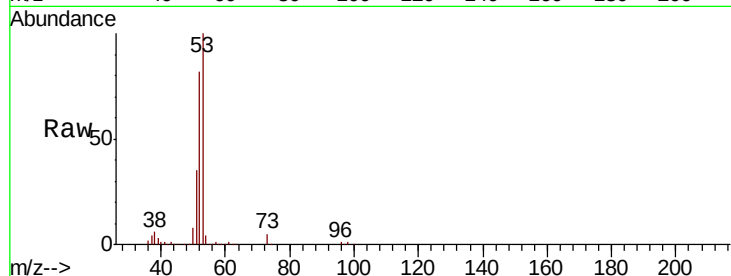
MSVOA_N

ClientSampleId :

ICVVN110619

Tot Ion: 53 Resp: 788619

Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.6
51	34.9	28.0	42.0

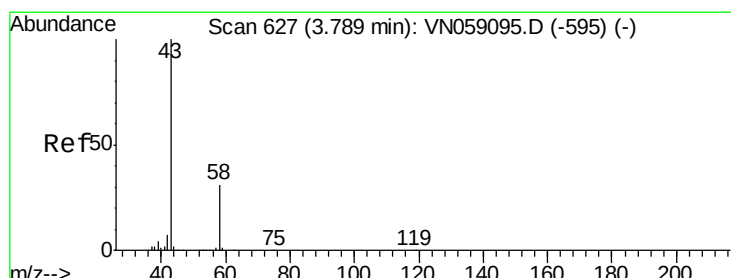
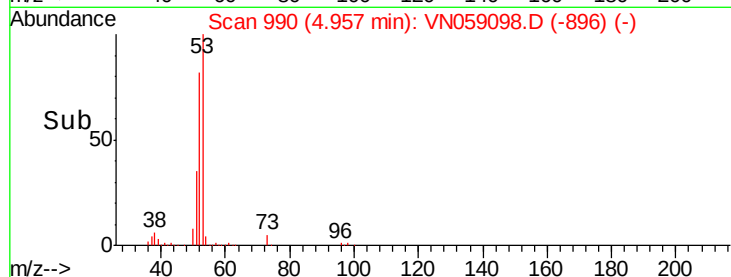


Abundance

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: 257.667 ug/l

RT: 3.79 min Scan# 627

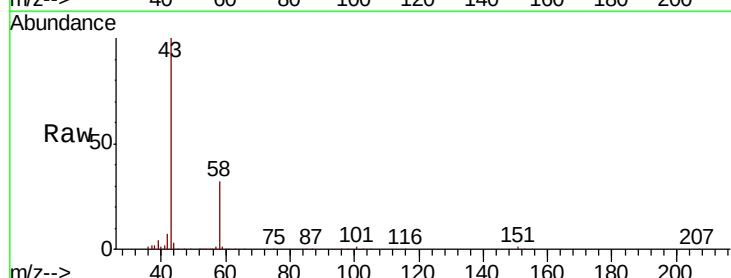
Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Tgt Ion: 43 Resp: 880885

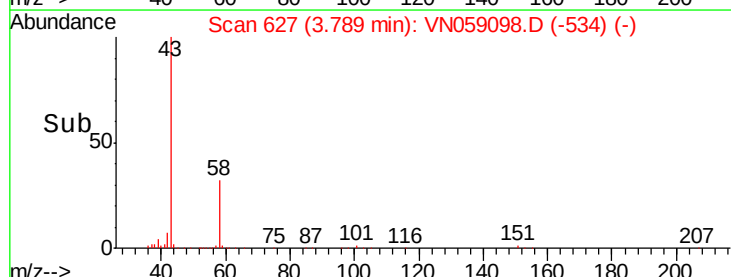
Ion	Ratio	Lower	Upper
43	100		
58	31.7	24.9	37.3

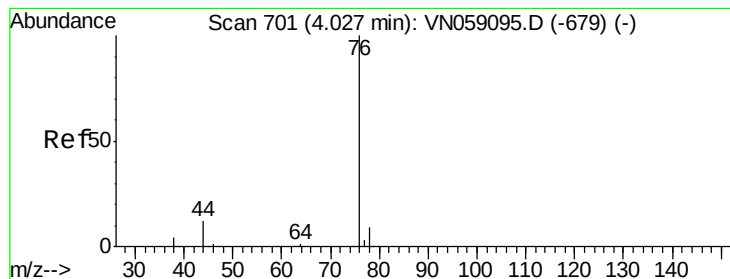


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 45.567 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

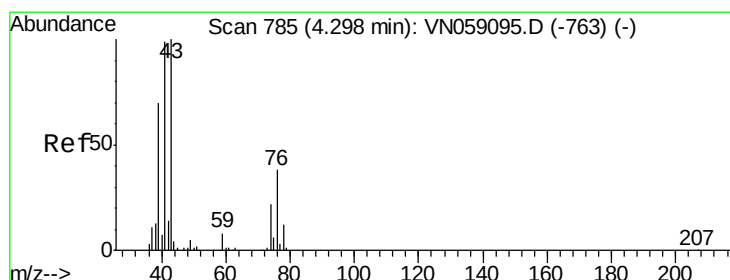
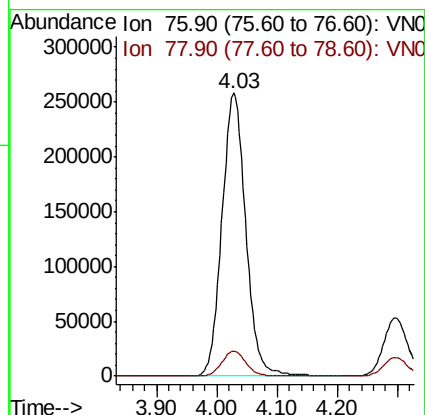
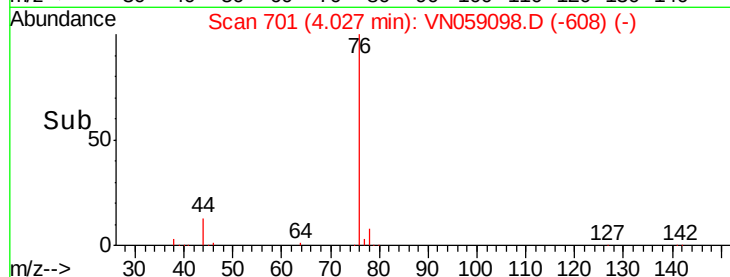
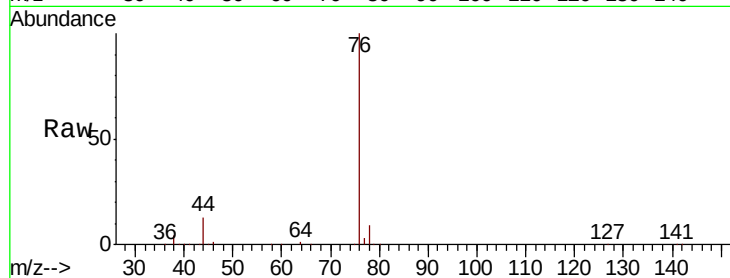
ICVVN110619

Tot Ion: 76 Resp: 705688

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



#18

Methyl Acetate

Concen: 49.377 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059098.D

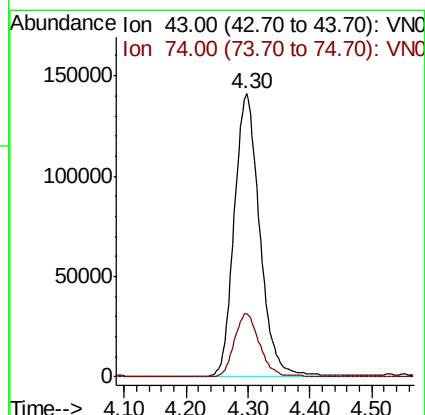
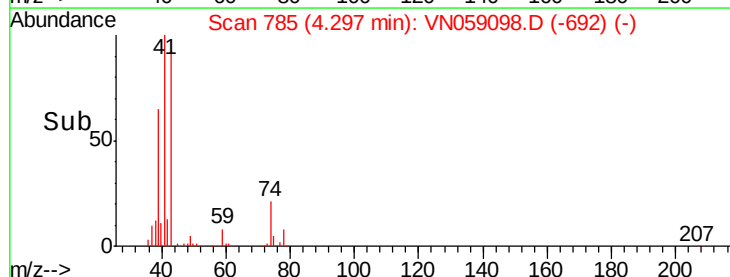
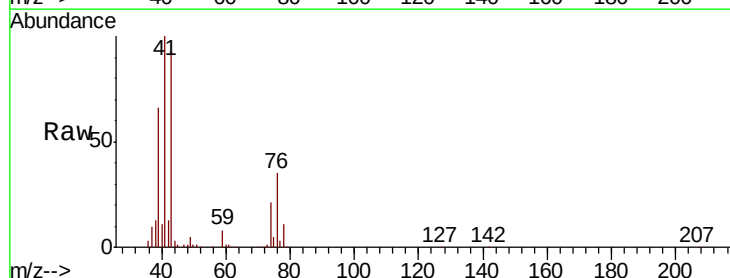
Acq: 6 Nov 2019 11:29

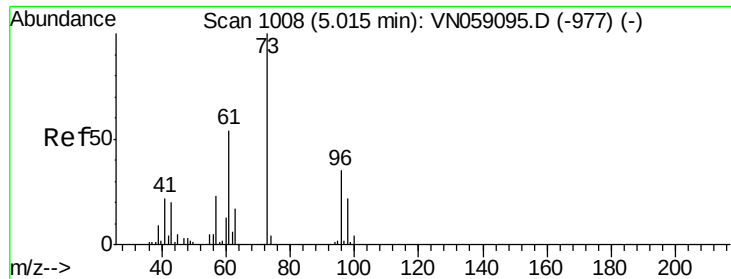
Tgt Ion: 43 Resp: 400675

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

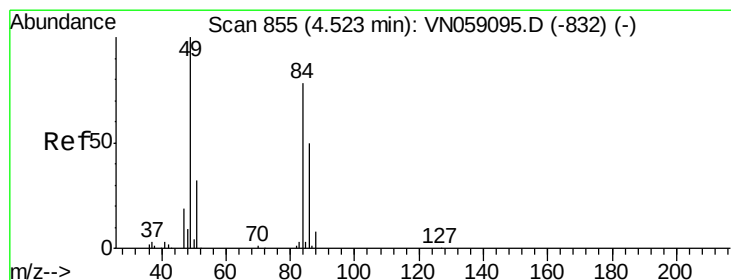
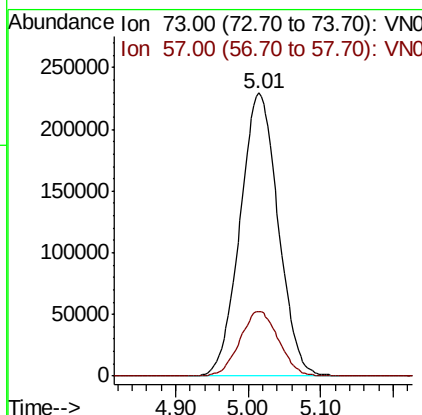
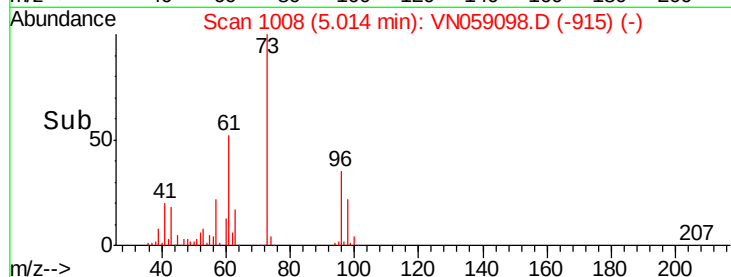
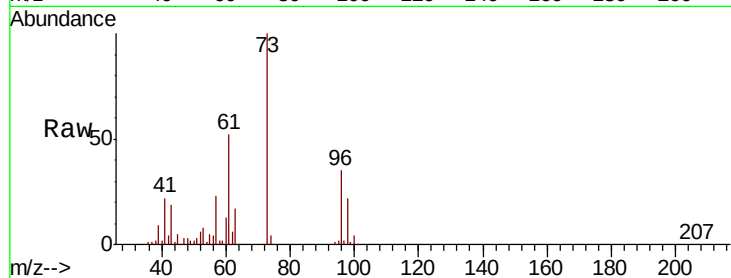




#19
Methyl tert-butyl Ether
Concen: 48.917 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

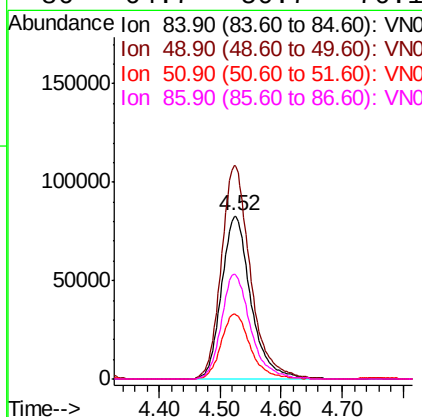
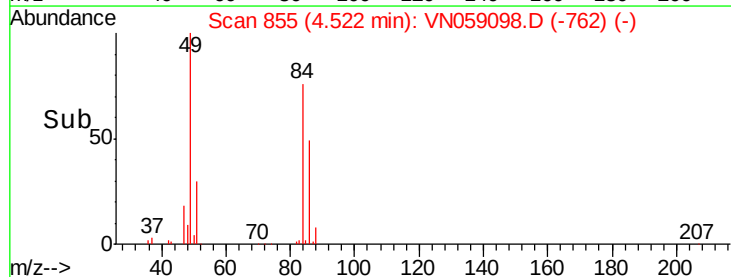
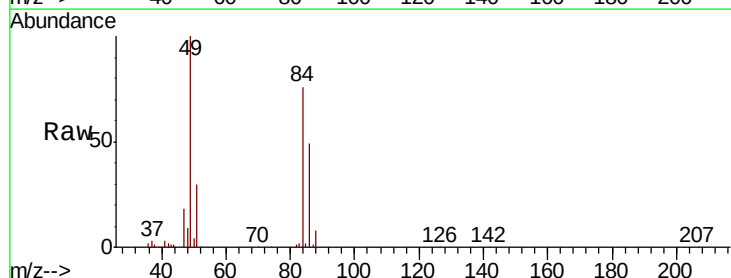
Instrument :
MSVOA_N
ClientSampled :
ICVVN110619

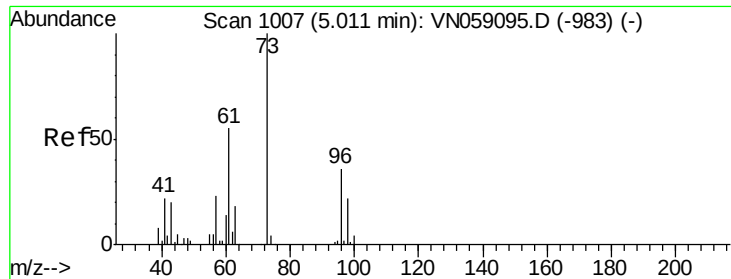
Tot Ion: 73 Resp: 840210
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 46.256 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 84 Resp: 275496
Ion Ratio Lower Upper
84 100
49 131.2 102.0 153.0
51 39.8 32.2 48.2
86 64.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 47.662 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110619

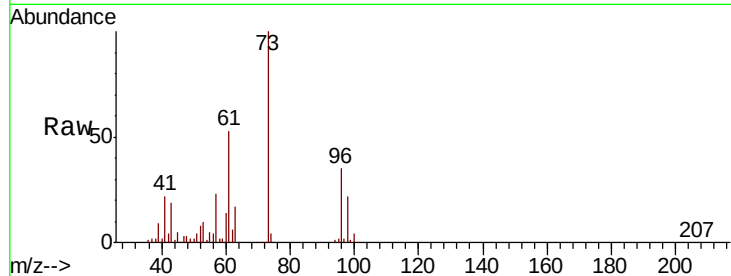
Tot Ion: 96 Resp: 255233

Ion Ratio Lower Upper

96 100

61 151.3 122.6 183.8

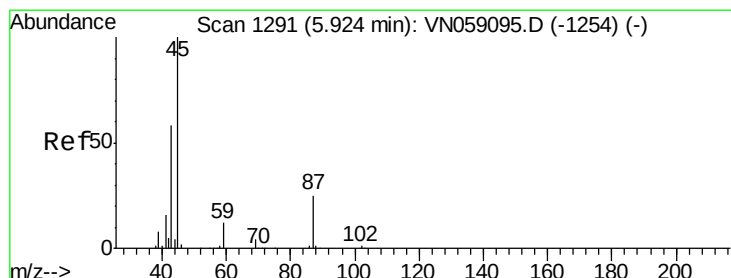
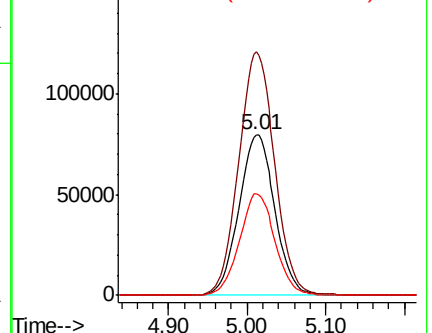
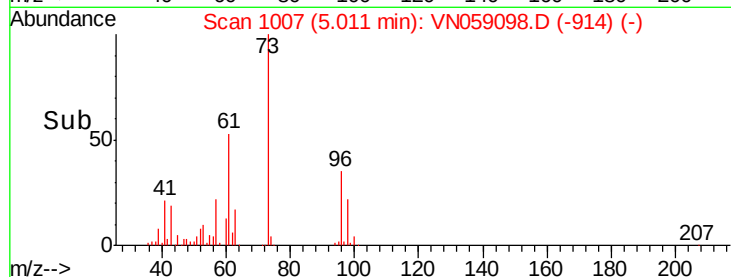
98 63.5 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.392 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Tgt Ion: 45 Resp: 936718

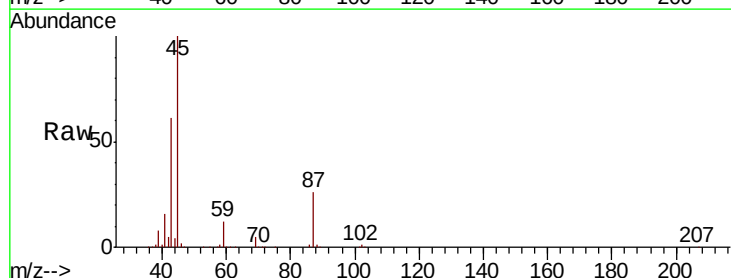
Ion Ratio Lower Upper

45 100

43 59.9 46.7 70.1

87 26.0 20.5 30.7

59 11.5 9.6 14.4

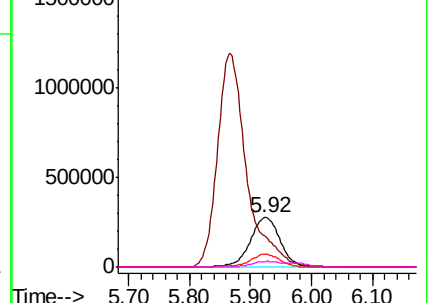
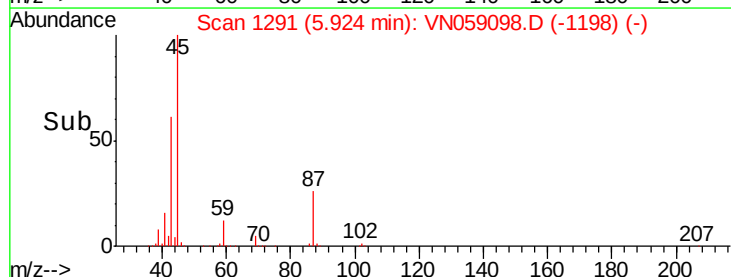


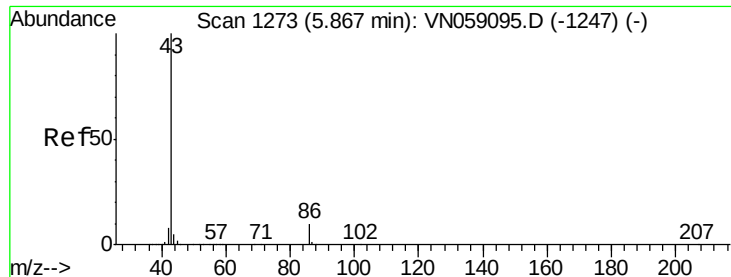
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 263.020 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampled :

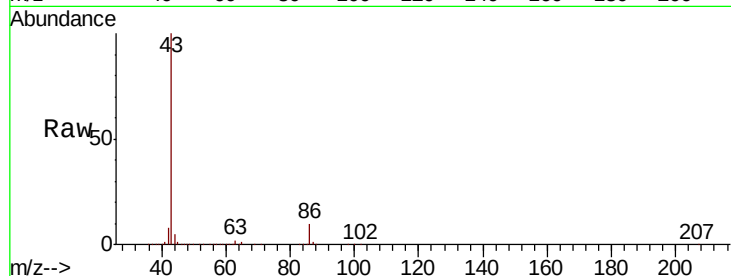
ICVVN110619

Tot Ion: 43 Resp: 3945775

Ion Ratio Lower Upper

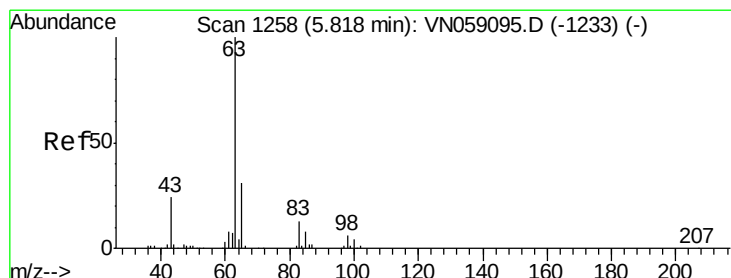
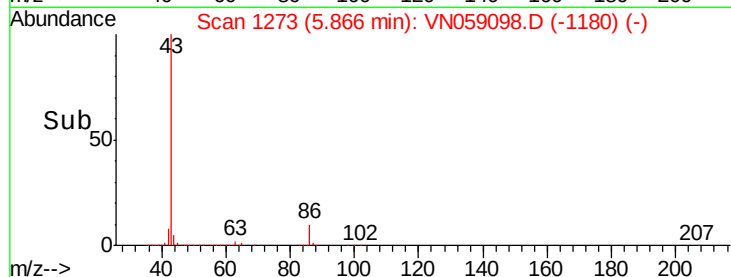
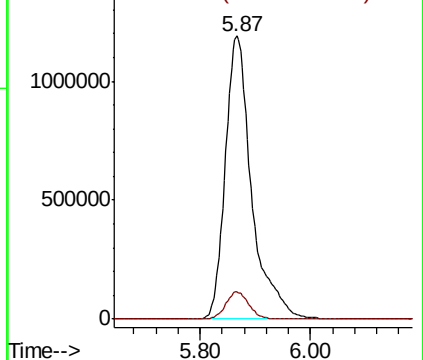
43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.672 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

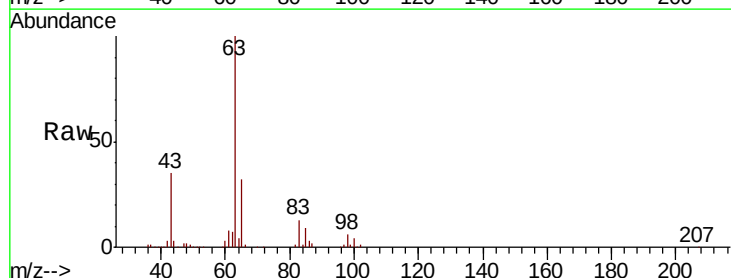
Tgt Ion: 63 Resp: 515396

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

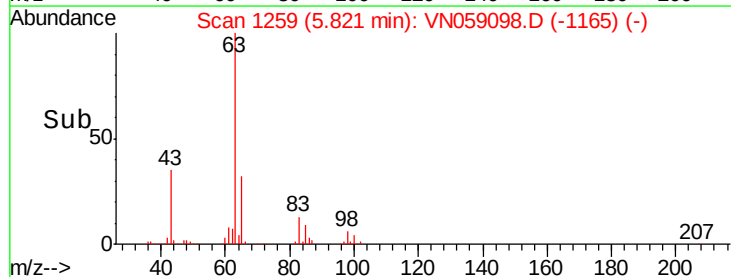
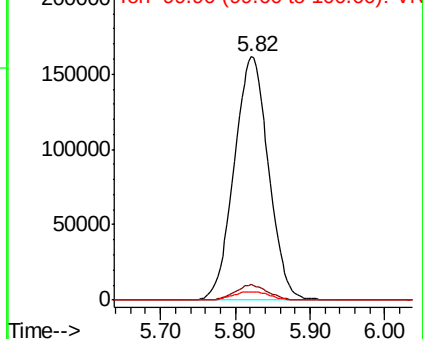
100 3.6 1.9 5.7

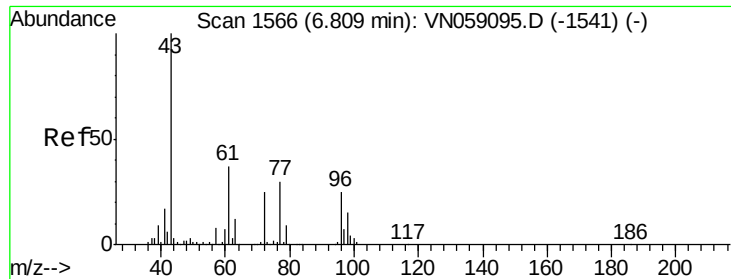


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

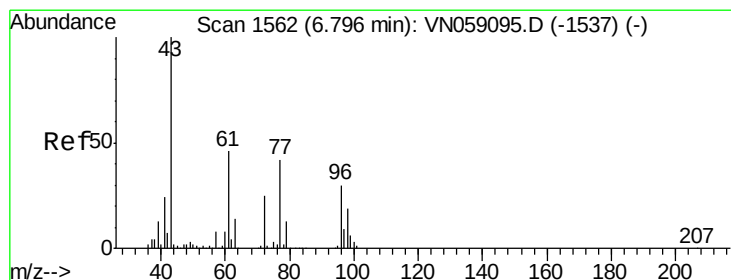
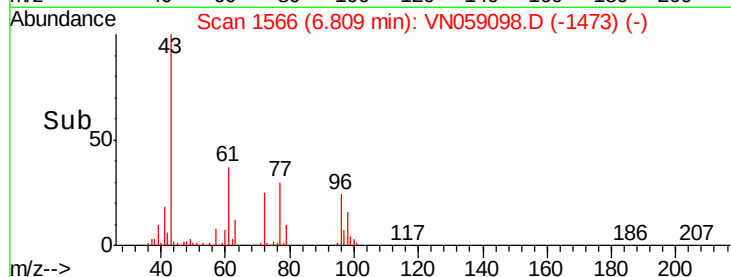
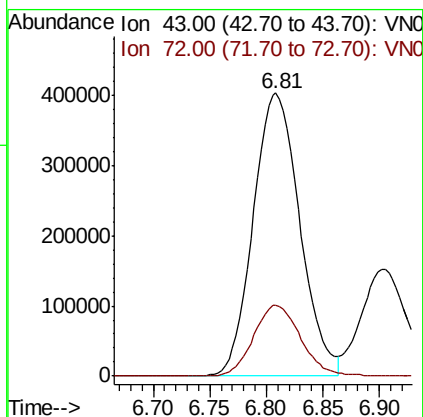
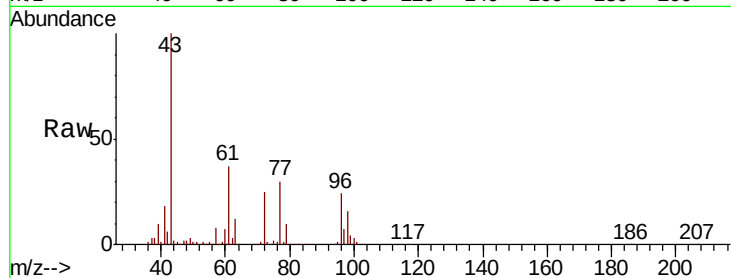




#25
2-Butanone
Concen: 255.619 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

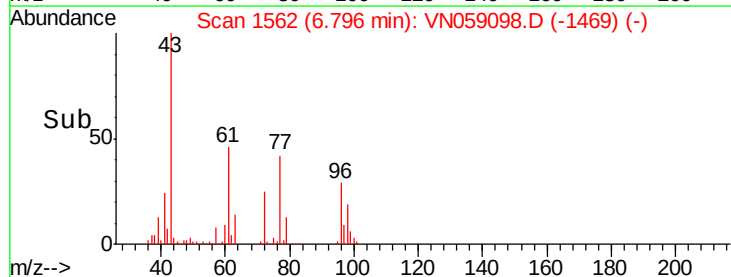
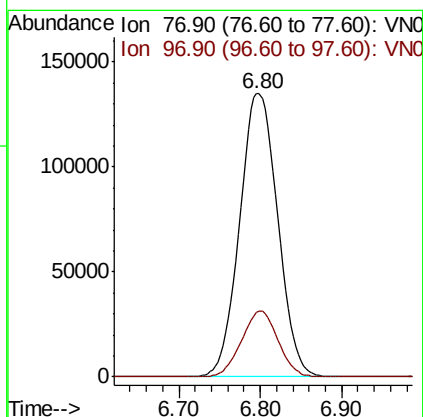
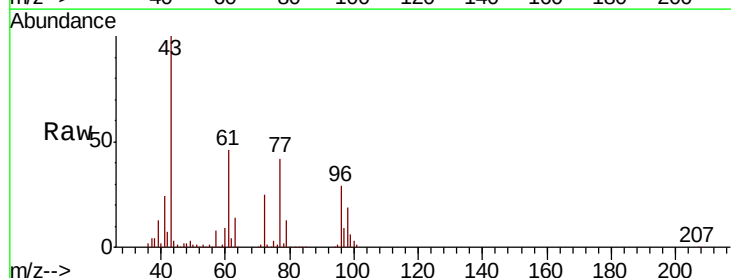
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

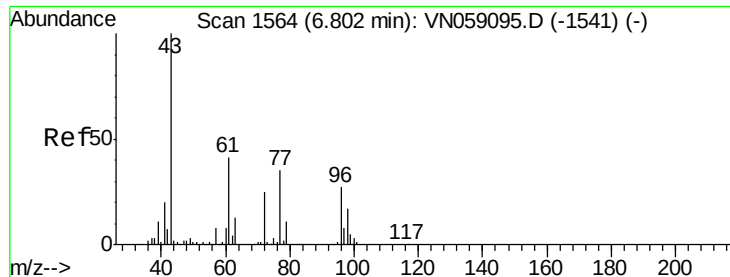
Tot Ion: 43 Resp: 1151726
Ion Ratio Lower Upper
43 100
72 25.1 20.3 30.5



#26
2,2-Dichloropropane
Concen: 46.078 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 77 Resp: 435596
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.648 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110619

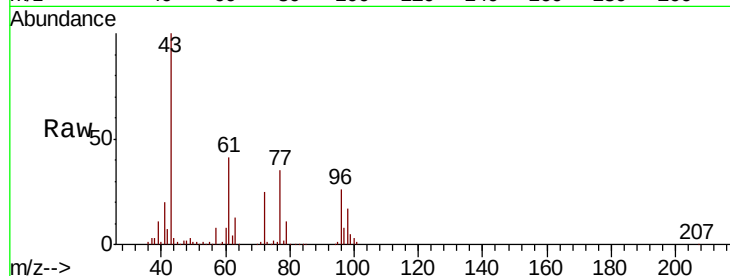
Tot Ion: 96 Resp: 296029

Ion Ratio Lower Upper

96 100

61 155.6 0.0 311.6

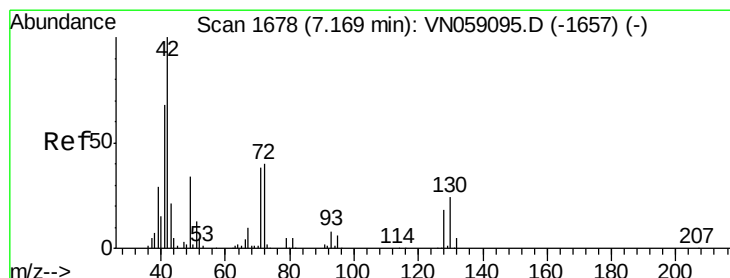
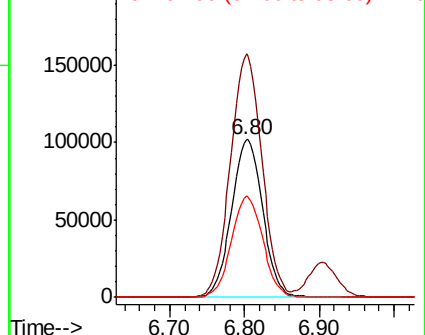
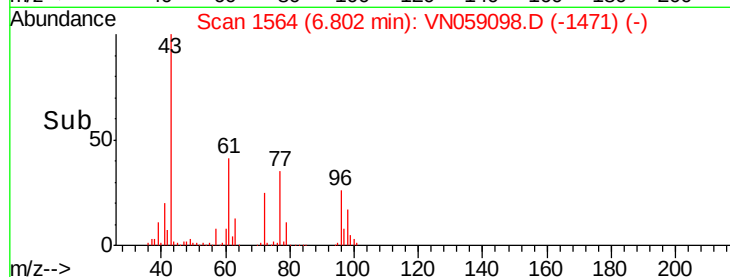
98 64.4 0.0 129.8



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: 47.604 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

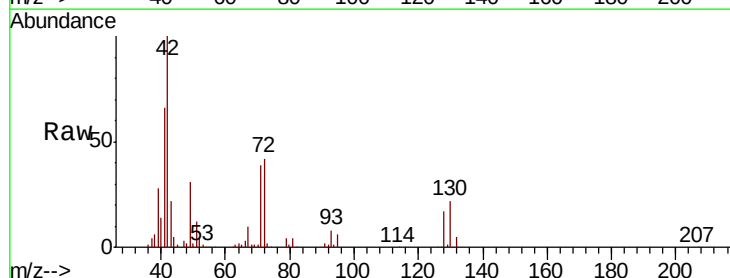
Tgt Ion: 49 Resp: 154840

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

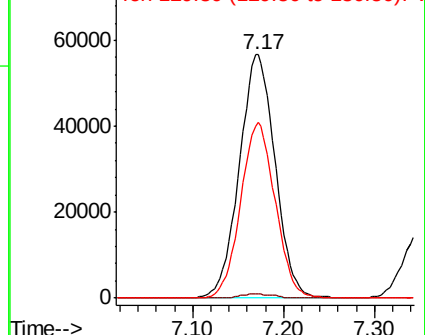
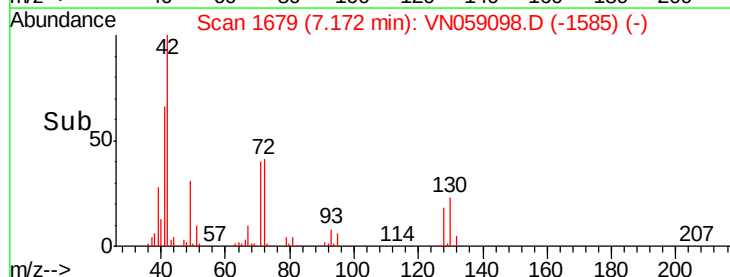
130 69.5 55.6 83.4

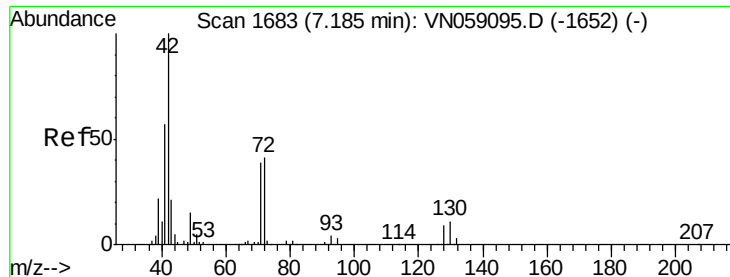


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 250.976 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110619

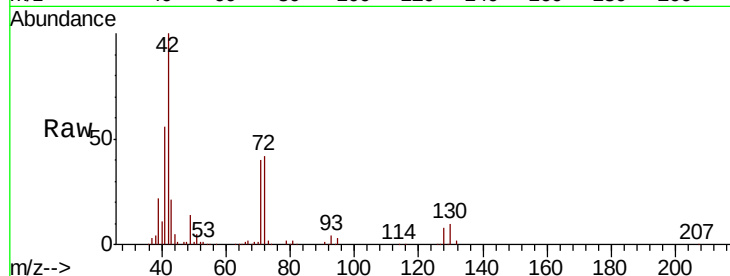
Tot Ion: 42 Resp: 718513

Ion Ratio Lower Upper

42 100

72 41.3 33.1 49.7

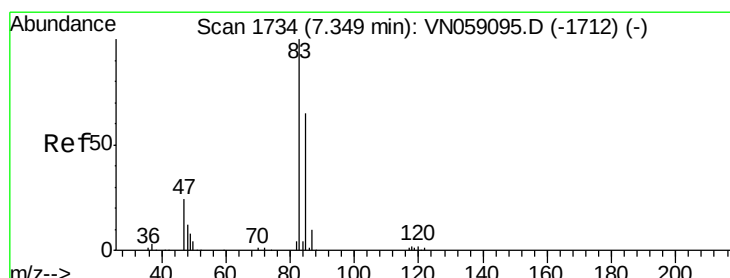
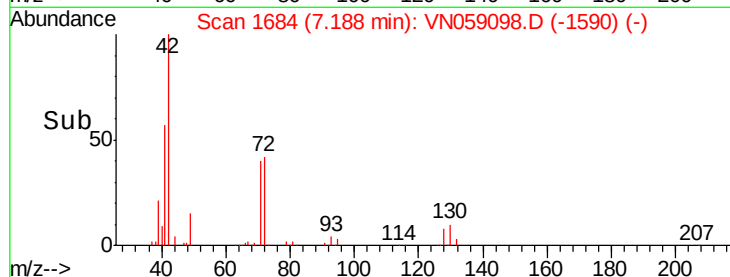
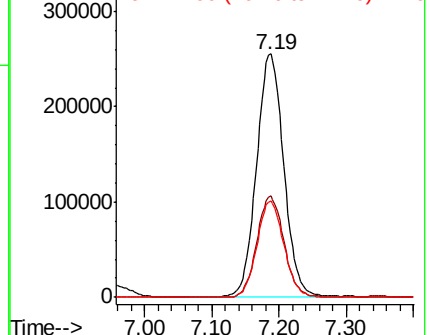
71 39.1 30.9 46.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 46.871 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. -0.00 min

Lab File: VN059098.D

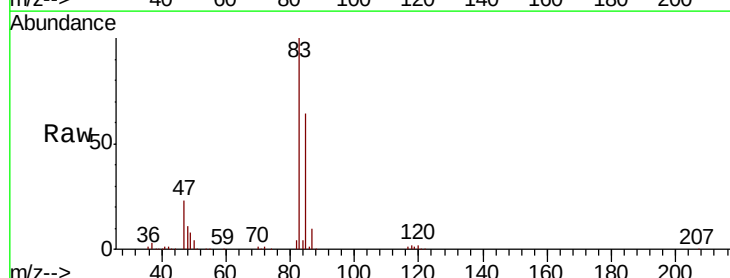
Acq: 6 Nov 2019 11:29

Tgt Ion: 83 Resp: 486096

Ion Ratio Lower Upper

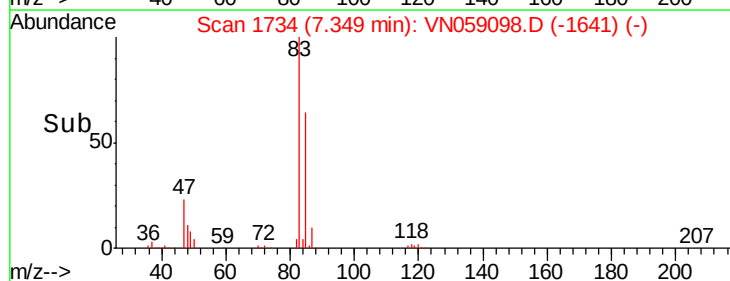
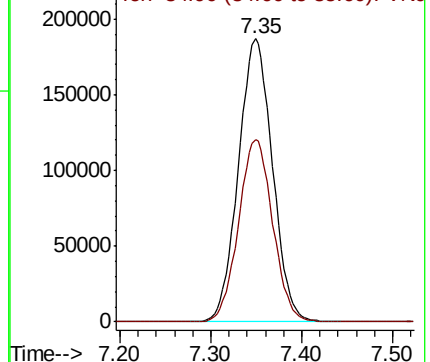
83 100

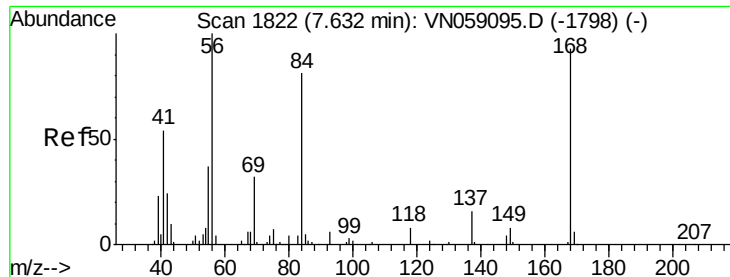
85 64.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 46.488 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110619

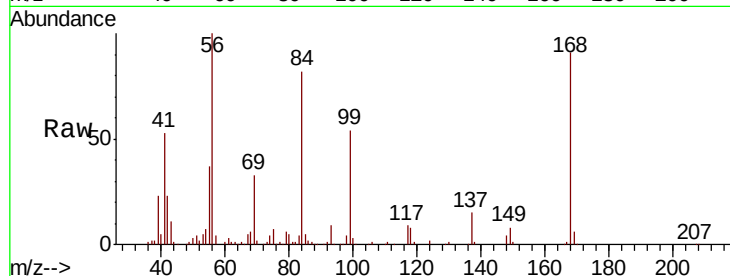
Tot Ion: 56 Resp: 475799

Ion Ratio Lower Upper

56 100

69 33.2 25.8 38.8

84 81.2 65.0 97.4

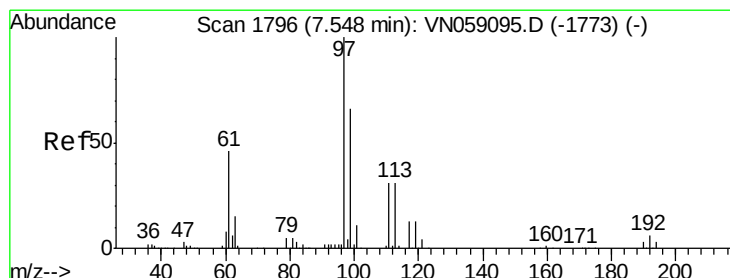
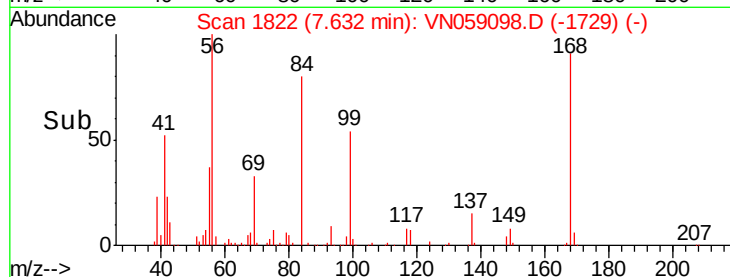
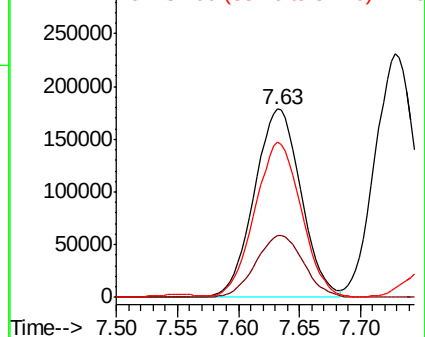


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 47.834 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

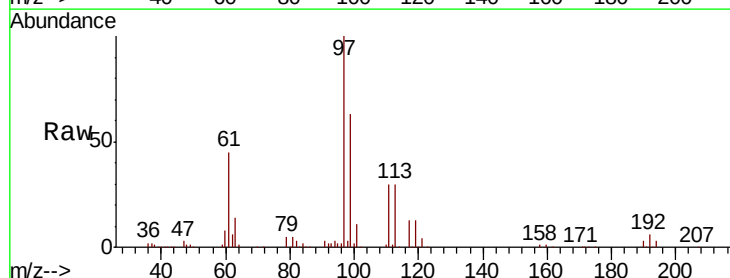
Tgt Ion: 97 Resp: 417082

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

61 45.0 35.8 53.8

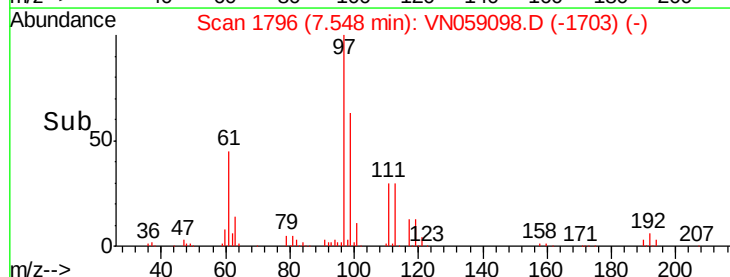
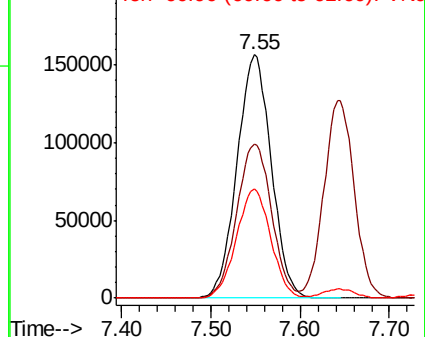


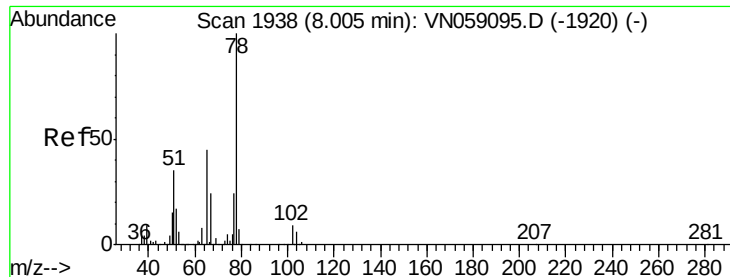
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

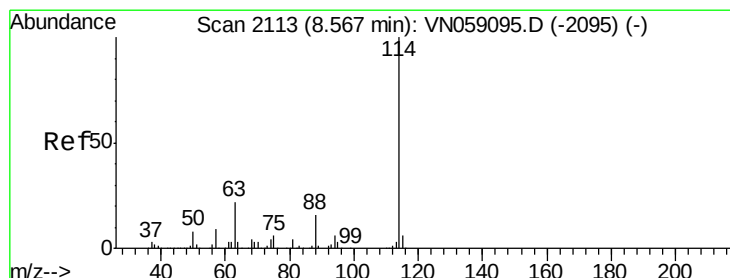
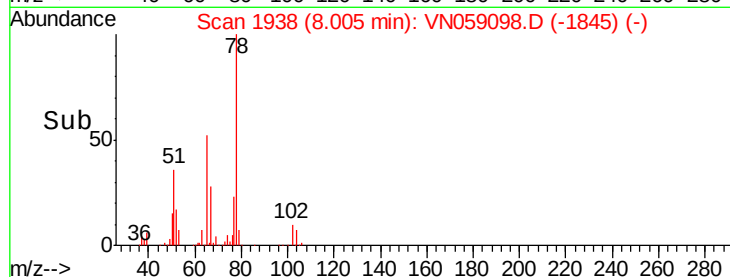
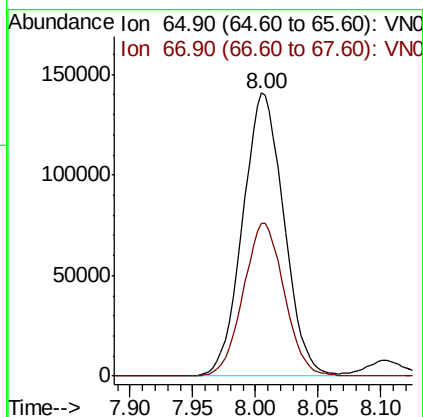
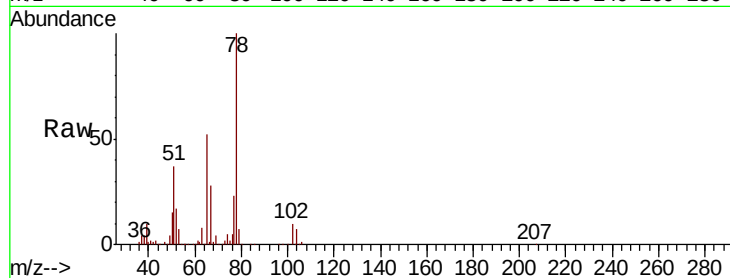




#33
 1,2-Dichloroethane-d4
 Concen: 49.060 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

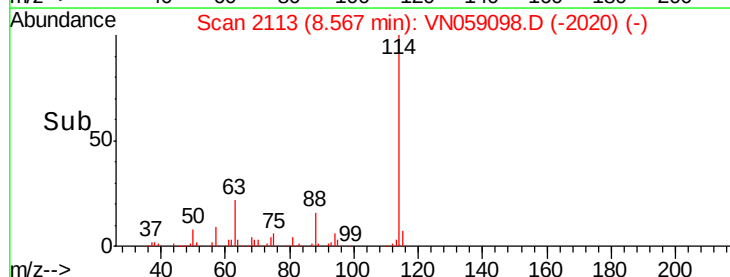
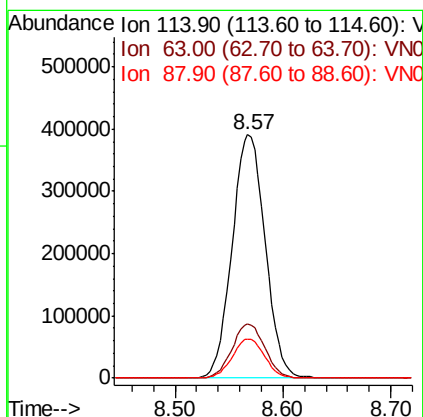
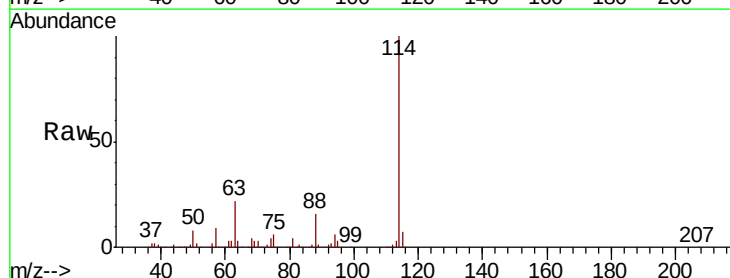
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

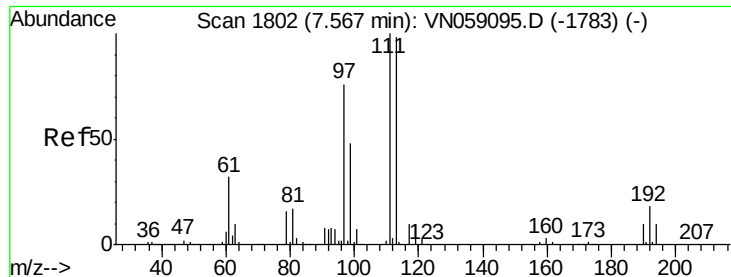
Tot Ion: 65 Resp: 322525
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion: 114 Resp: 834986
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.4
 88 16.1 0.0 32.2

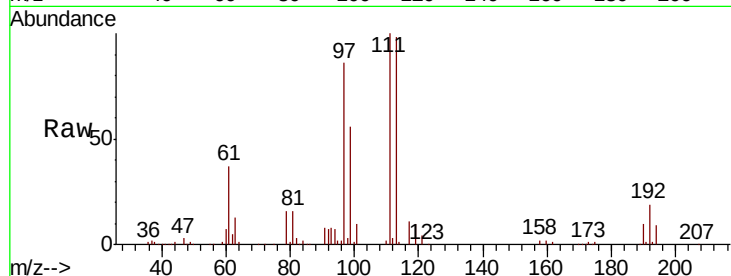




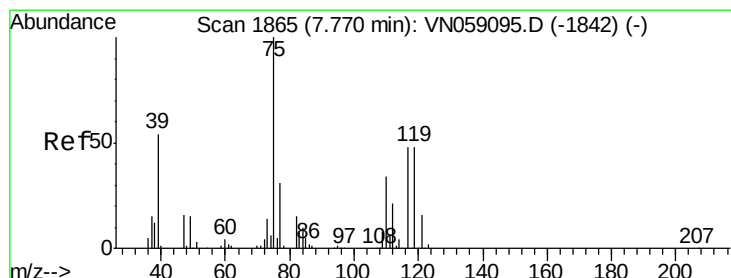
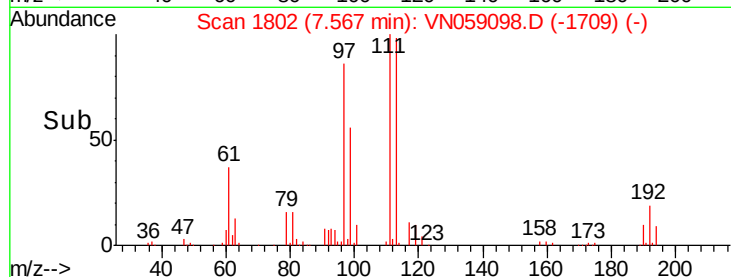
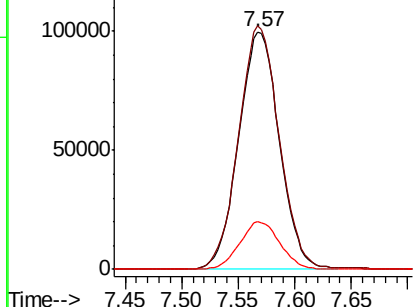
#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Instrument :
MSVOA_N
ClientSampled :
ICVVN110619

Tot Ion:113 Resp: 249800
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.8 16.1 24.1

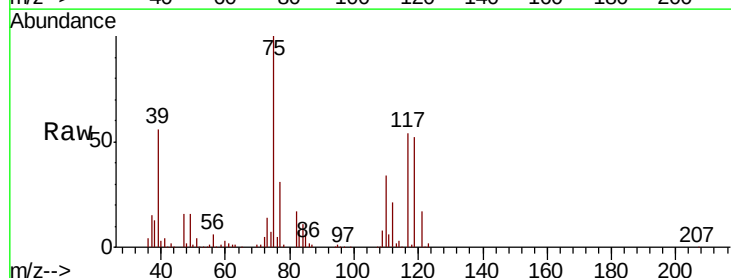


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

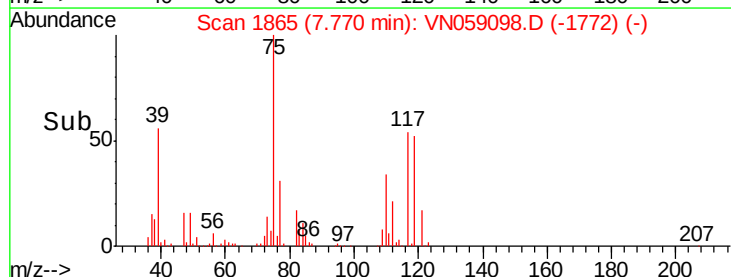
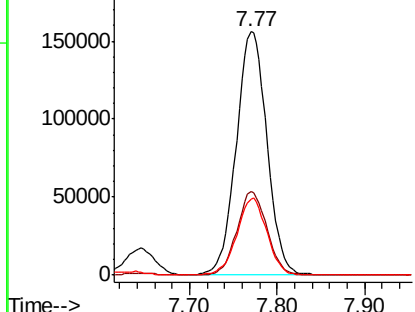


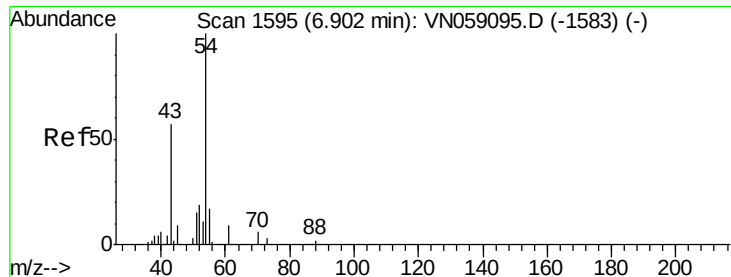
#36
1,1-Dichloropropene
Concen: 48.643 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 75 Resp: 379643
Ion Ratio Lower Upper
75 100
110 33.5 17.1 51.2
77 31.0 24.8 37.2



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

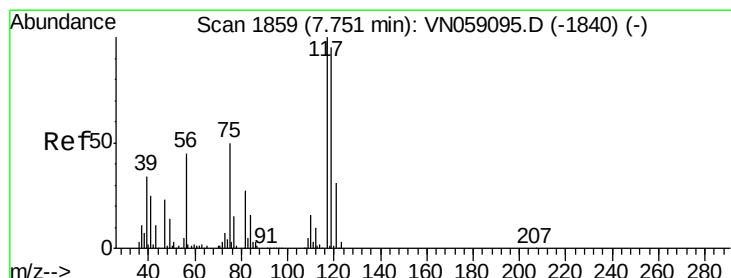
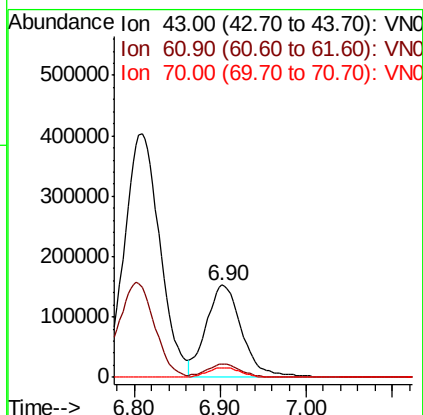
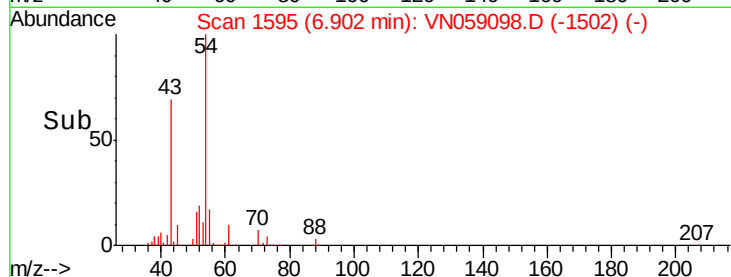
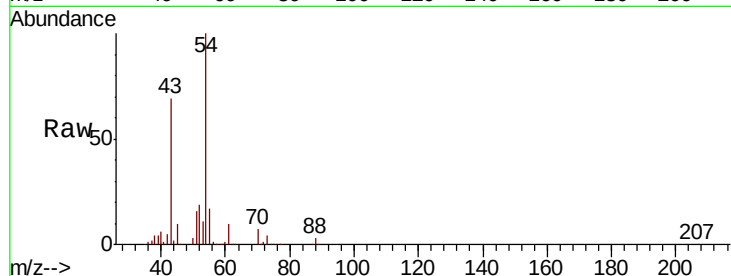




#37
Ethyl Acetate
Concen: 50.238 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

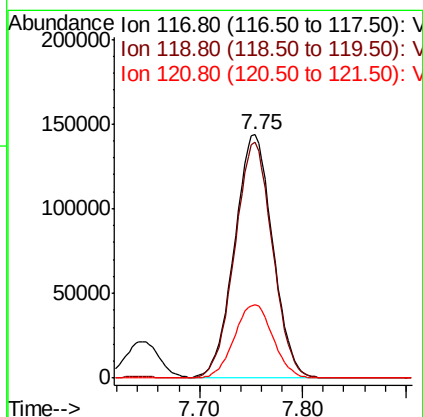
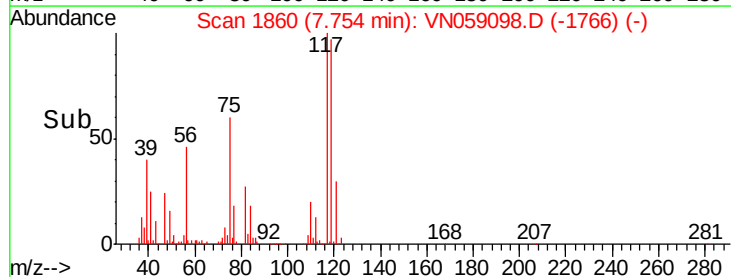
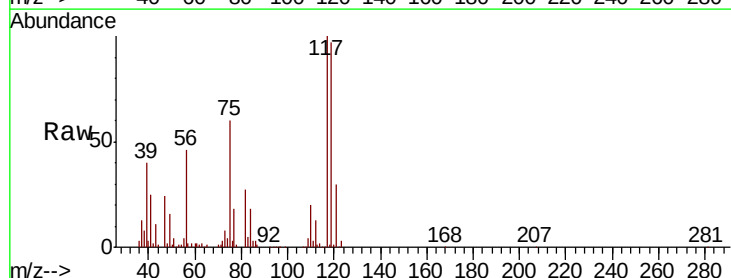
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

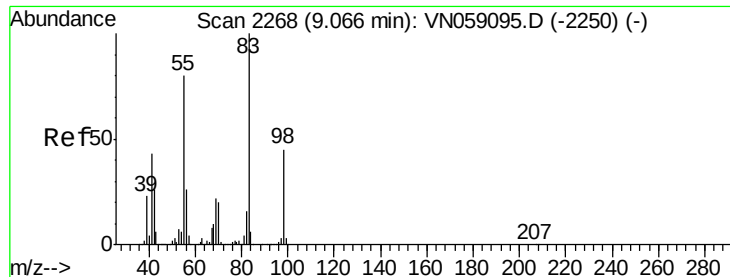
Tot Ion: 43 Resp: 436193
Ion Ratio Lower Upper
43 100
61 13.9 11.2 16.8
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.557 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 117 Resp: 369429
Ion Ratio Lower Upper
117 100
119 96.9 75.6 113.4
121 30.3 24.6 36.8

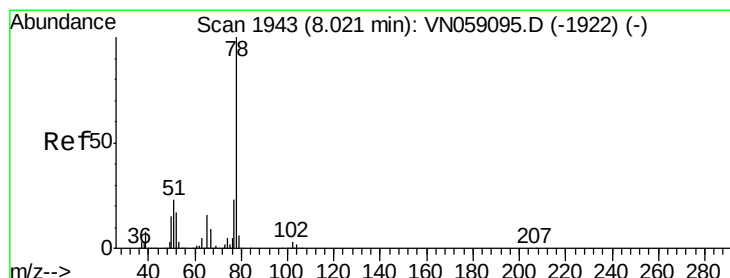
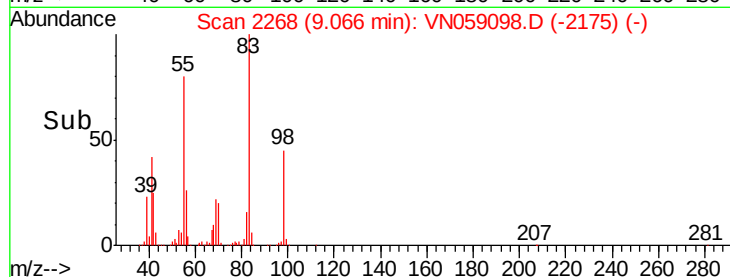
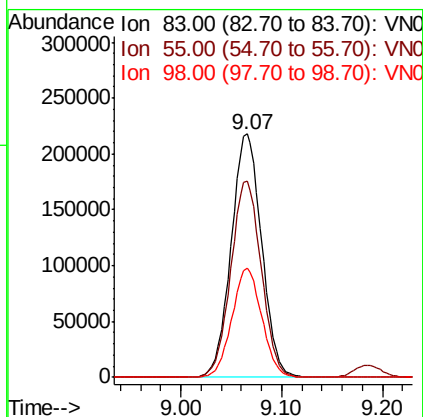
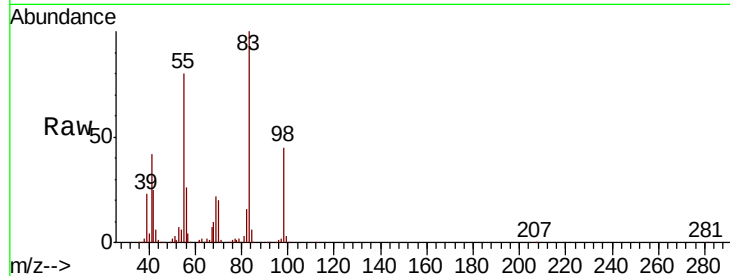




#39
Methylvlcyclohexane
Concen: 50.427 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

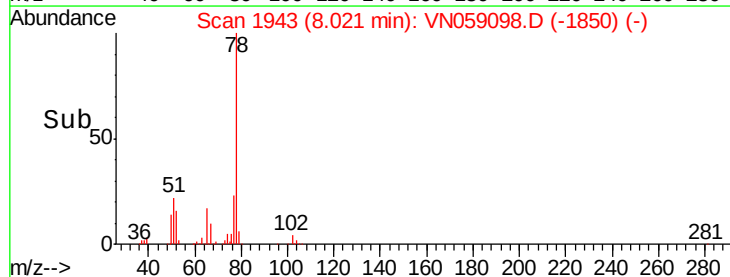
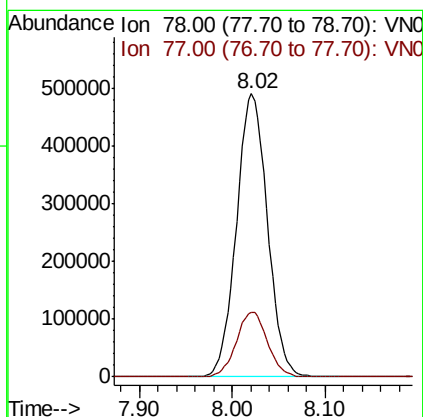
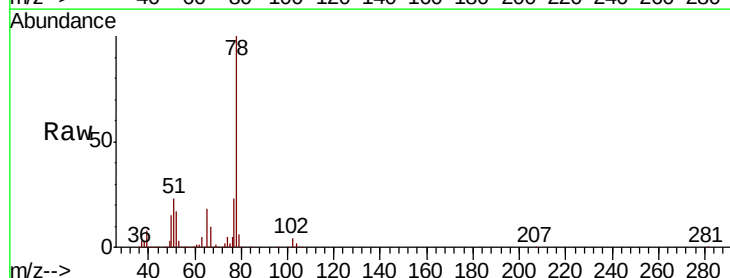
Instrument :
MSVOA_N
ClientSampleId :
ICVFN110619

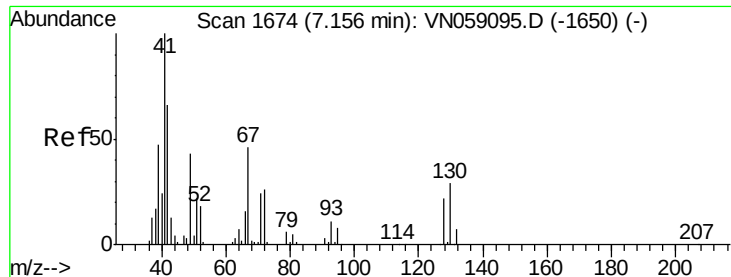
Tot Ion: 83 Resp: 456771
Ion Ratio Lower Upper
83 100
55 80.4 63.9 95.9
98 45.0 35.6 53.4



#40
Benzene
Concen: 48.364 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 78 Resp: 1136694
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

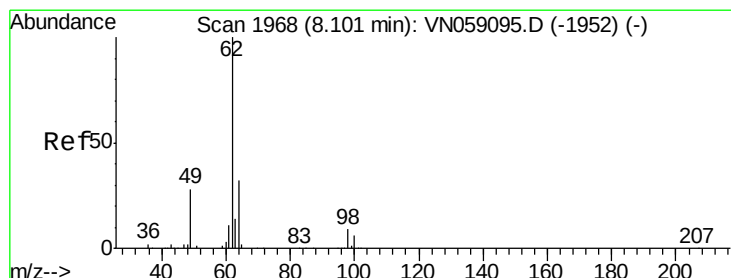
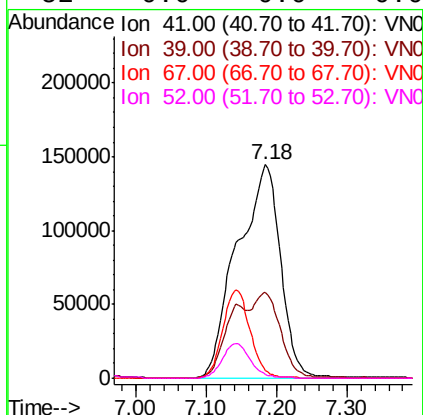
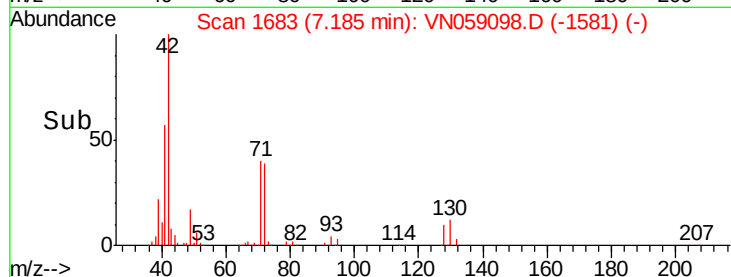
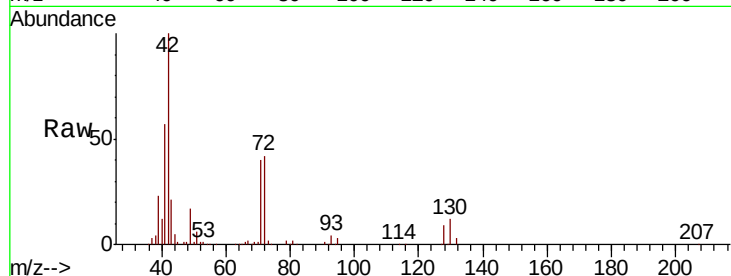




#41
Methacrylonitrile
Concen: 163.305 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

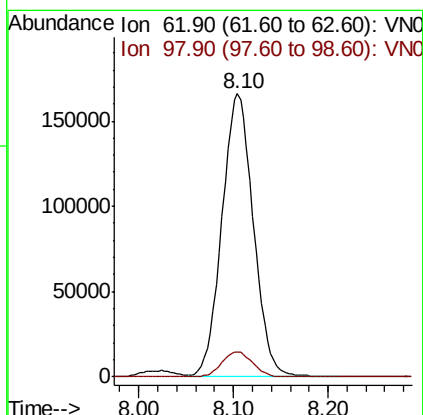
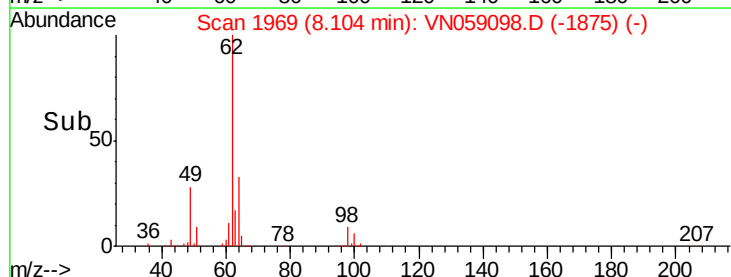
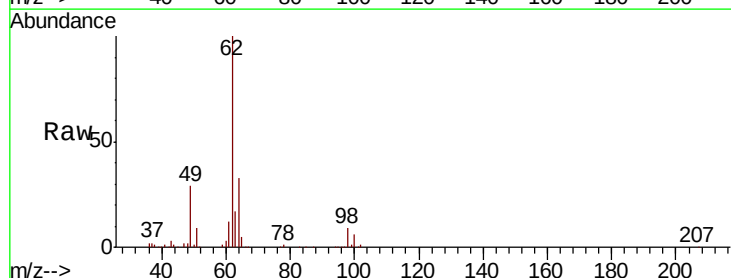
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

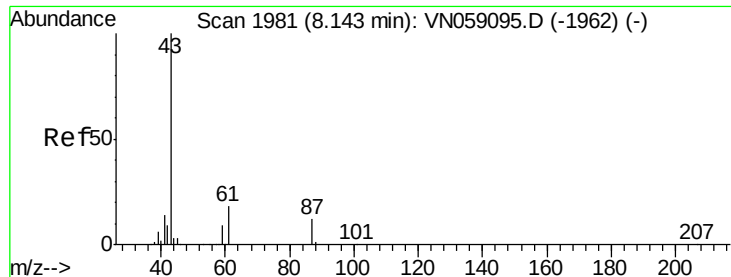
Tot Ion:	41	Resp:	616561
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 47.467 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion:	62	Resp:	382618
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.061 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110619

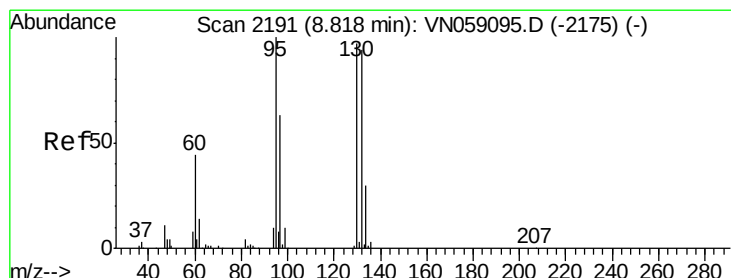
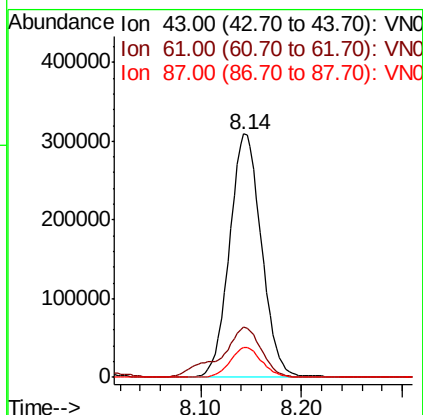
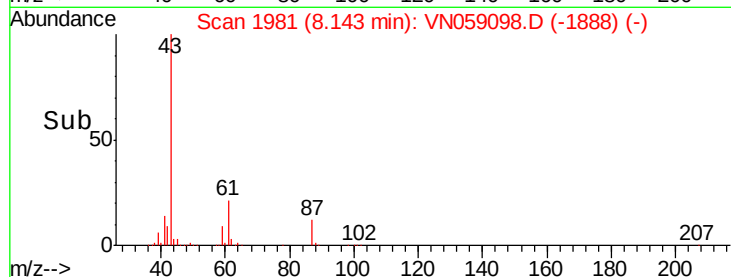
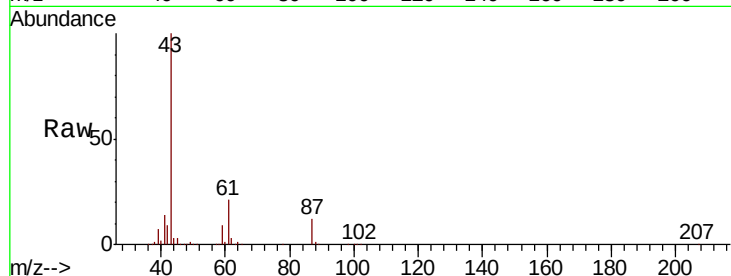
Tot Ion: 43 Resp: 679106

Ion Ratio Lower Upper

43 100

61 26.4 21.0 31.6

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 48.633 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059098.D

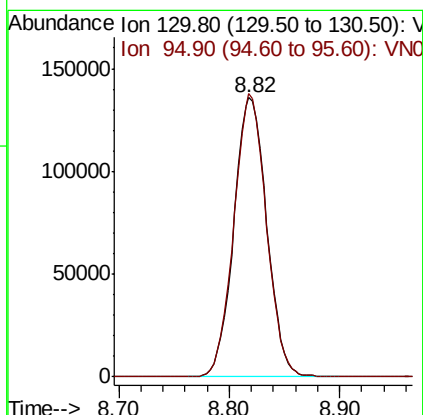
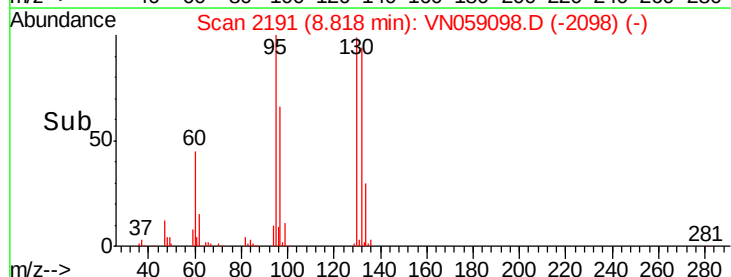
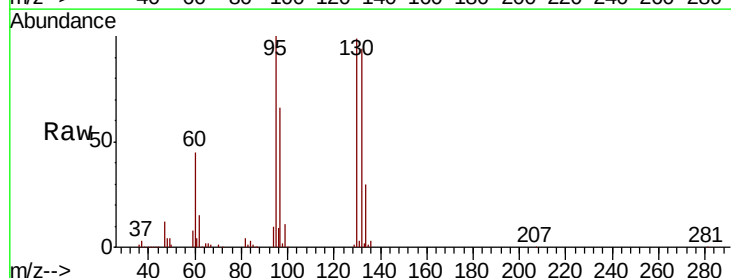
Acq: 6 Nov 2019 11:29

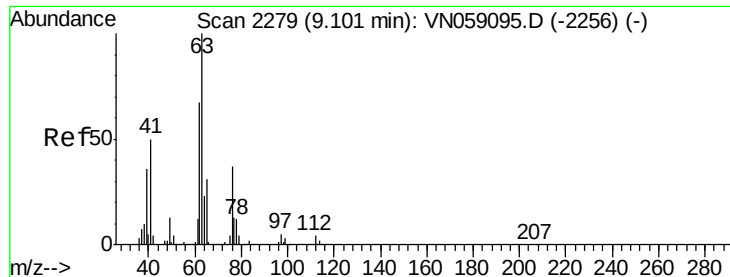
Tgt Ion:130 Resp: 280969

Ion Ratio Lower Upper

130 100

95 101.4 0.0 206.4

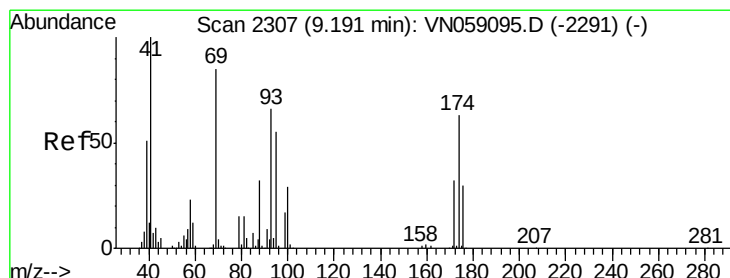
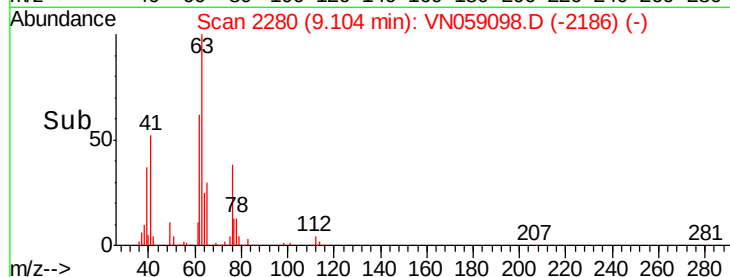
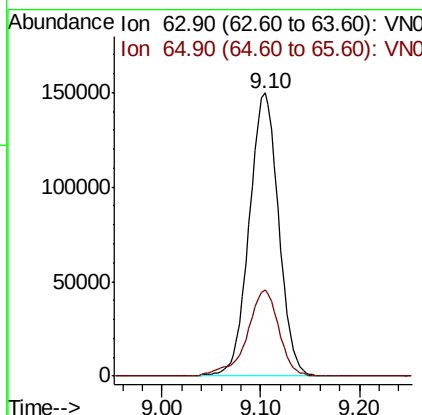
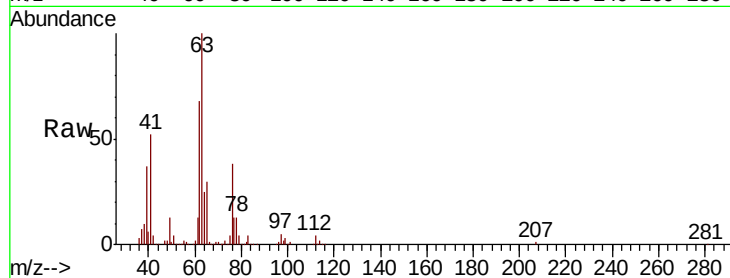




#45
 1,2-Dichloropropane
 Concen: 48.263 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

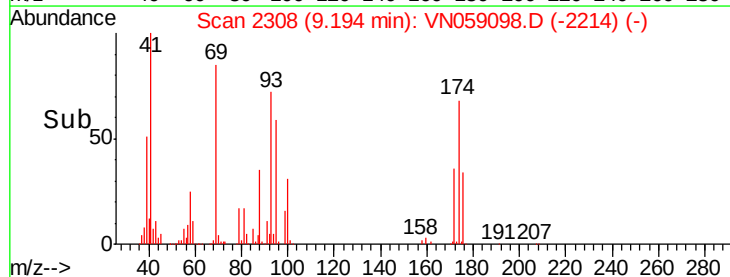
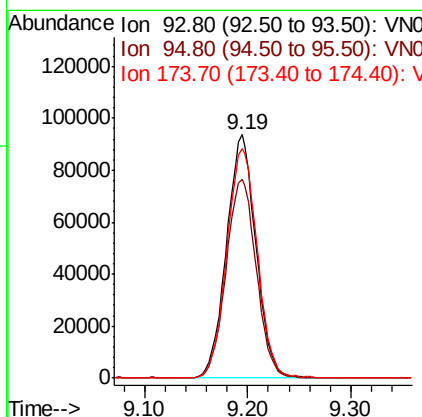
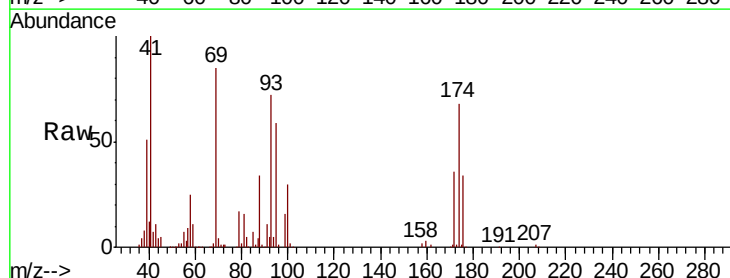
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

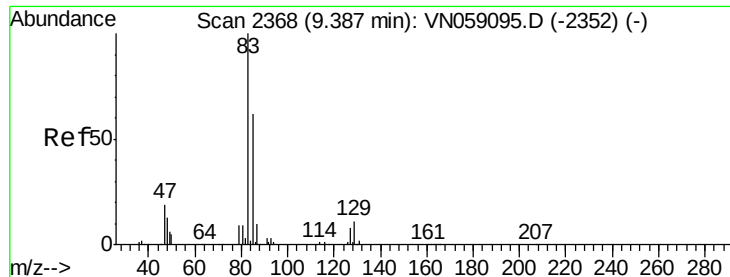
Tot Ion: 63 Resp: 308097
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0



#46
 Dibromomethane
 Concen: 46.833 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion: 93 Resp: 186304
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.6 100.0
 174 97.2 78.2 117.2





#47

Bromodichloromethane

Concen: 48.992 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110619

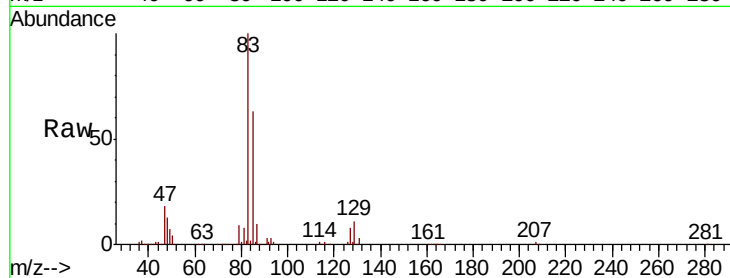
Tot Ion: 83 Resp: 389167

Ion Ratio Lower Upper

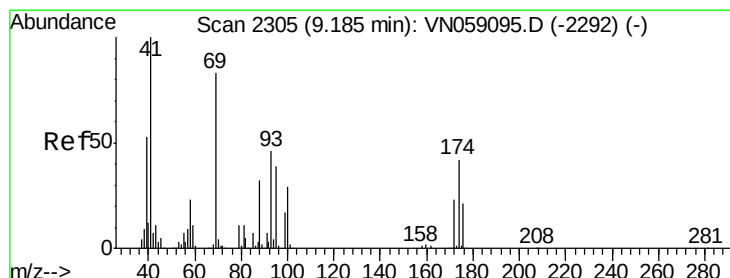
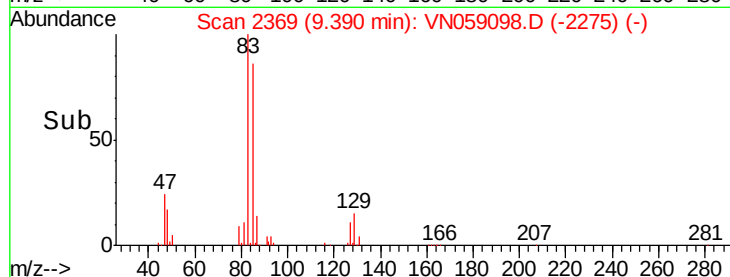
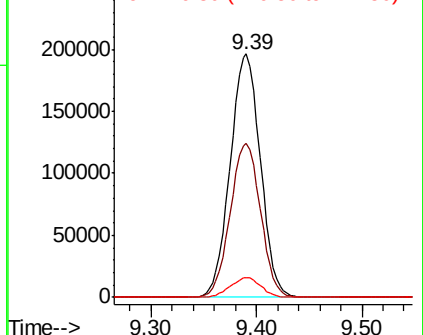
83 100

85 63.1 49.7 74.5

127 8.3 6.4 9.6



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



#48

Methyl methacrylate

Concen: 49.867 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

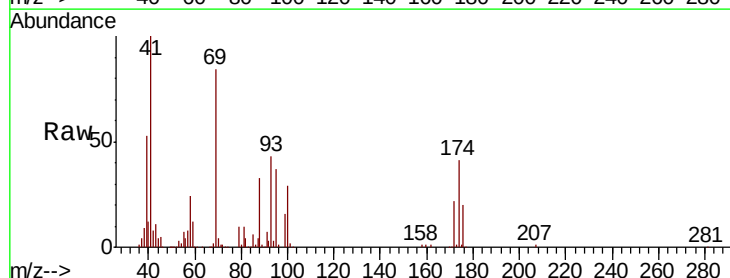
Tgt Ion: 41 Resp: 308751

Ion Ratio Lower Upper

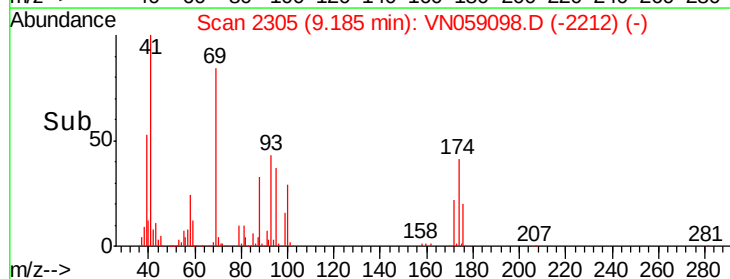
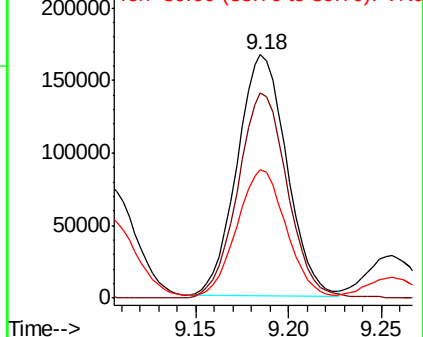
41 100

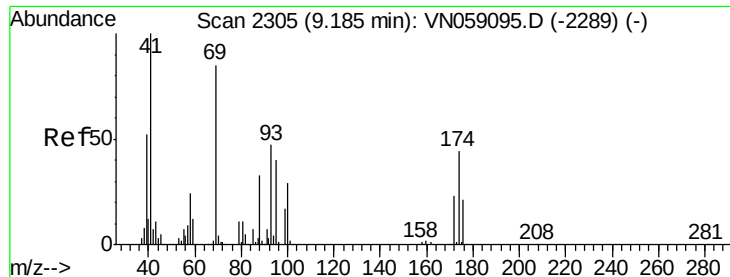
69 85.9 67.3 100.9

39 53.2 43.3 64.9



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

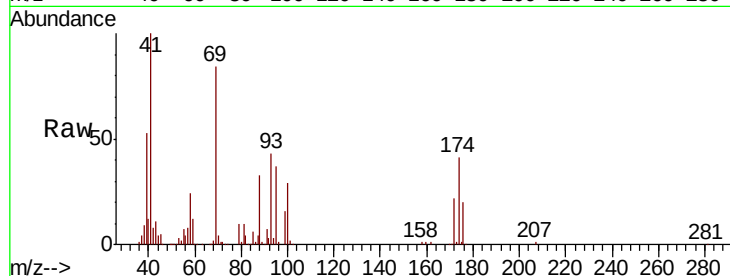




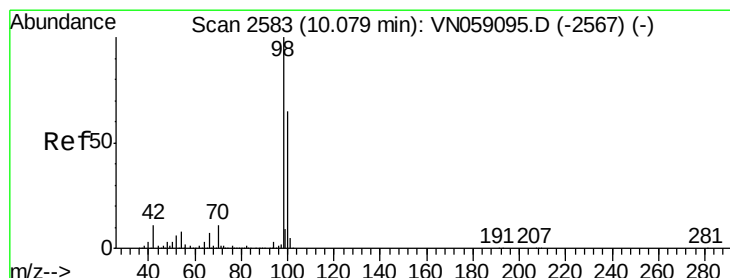
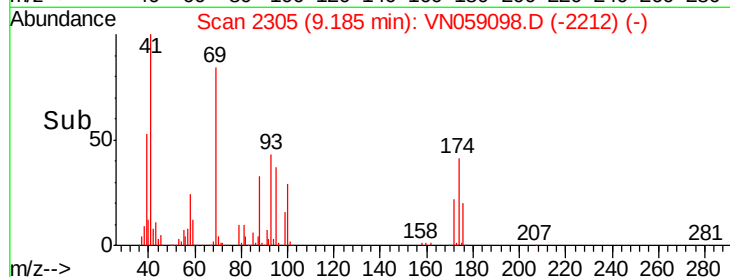
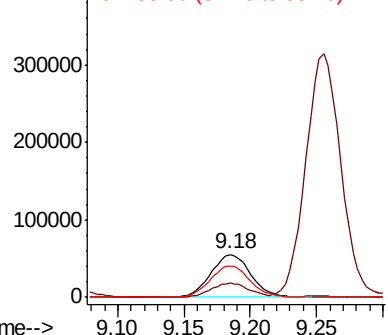
#49
1,4-Dioxane
Concen: 1049.765 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

Tot Ion: 88 Resp: 115508
Ion Ratio Lower Upper
88 100
43 31.3 26.3 39.5
58 73.2 60.6 90.8

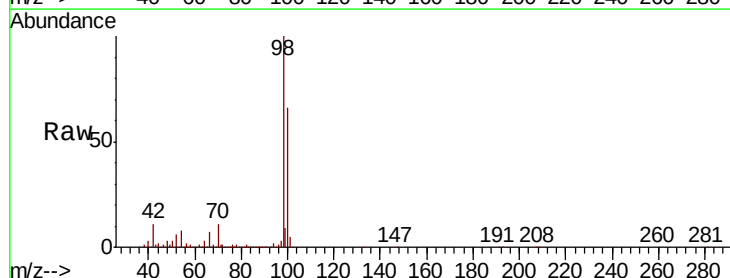


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

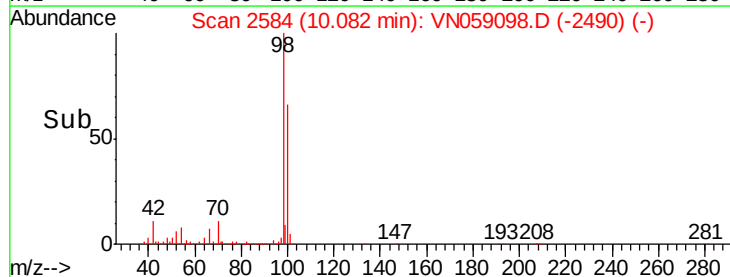
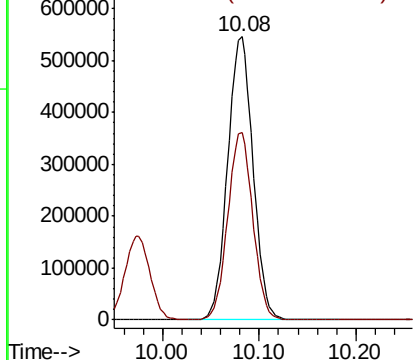


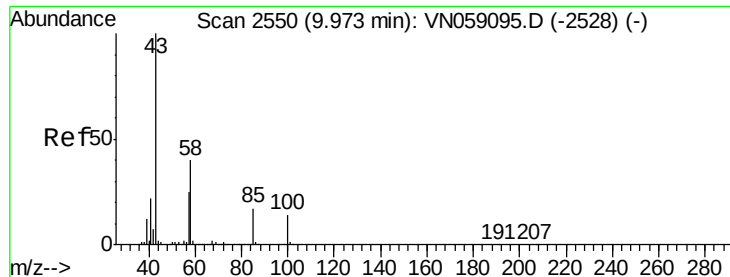
#50
Toluene-d8
Concen: 50.657 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 98 Resp: 994817
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 272.979 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

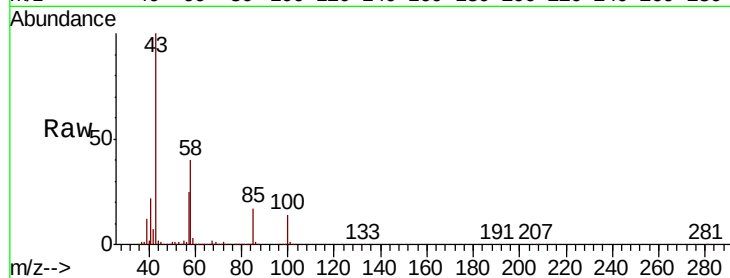
ICVVN110619

Tot Ion: 43 Resp: 2138020

Ion Ratio Lower Upper

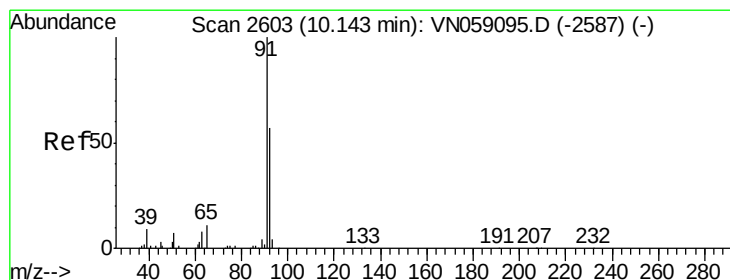
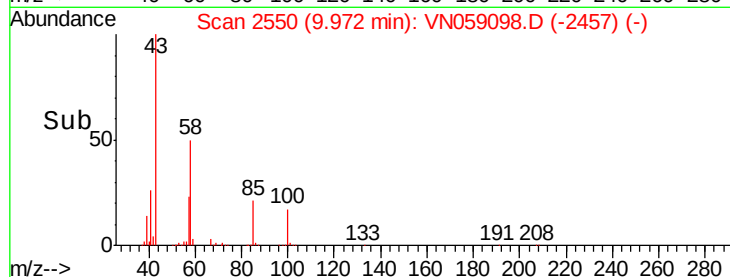
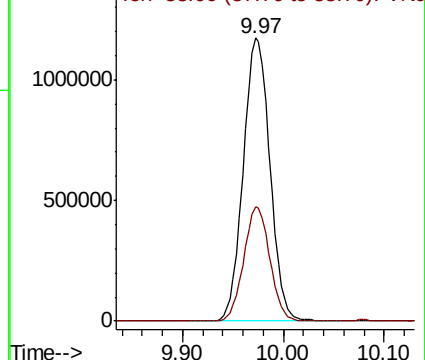
43 100

58 39.6 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D

Ion 58.00 (57.70 to 58.70): VN059095.D



#52

Toluene

Concen: 49.168 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059098.D

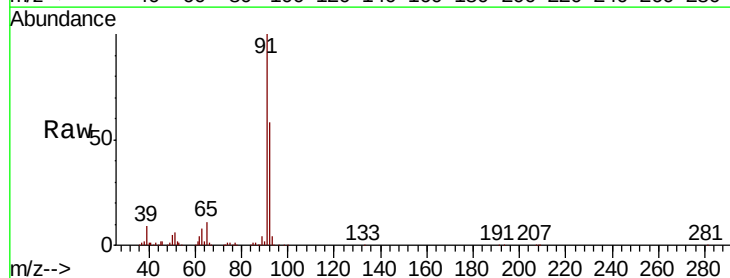
Acq: 6 Nov 2019 11:29

Tgt Ion: 92 Resp: 692615

Ion Ratio Lower Upper

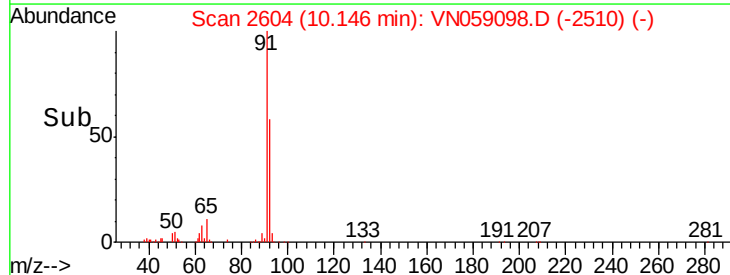
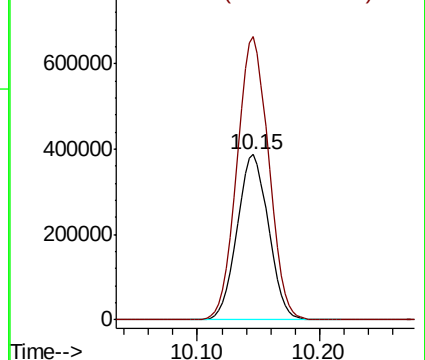
92 100

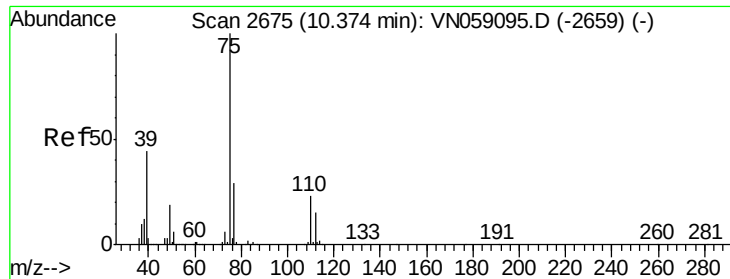
91 172.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D

Ion 91.00 (90.70 to 91.70): VN059095.D





#53

t-1,3-Dichloropropene

Concen: 49.115 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

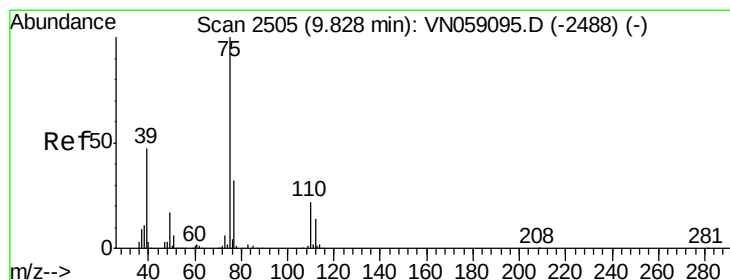
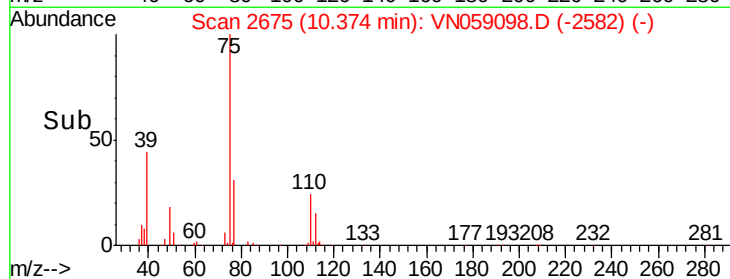
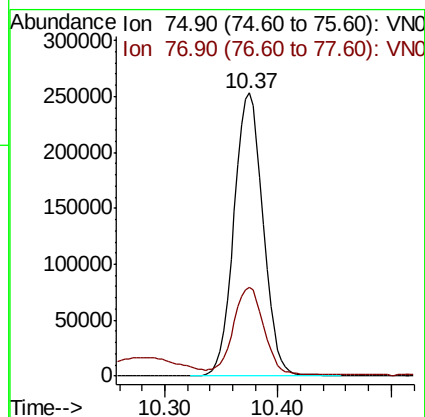
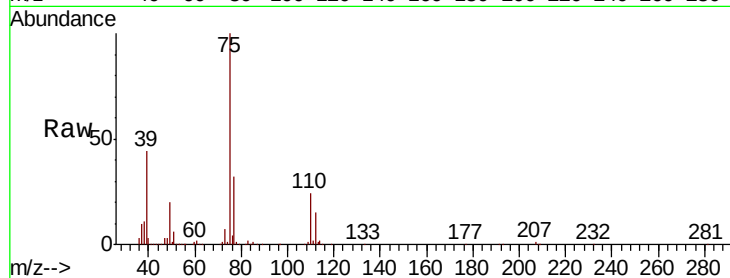
ICVVN110619

Tot Ion: 75 Resp: 450746

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 49.681 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

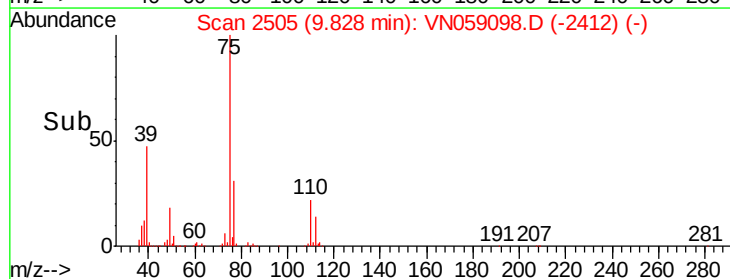
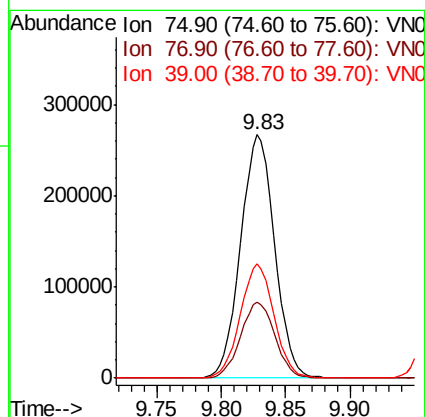
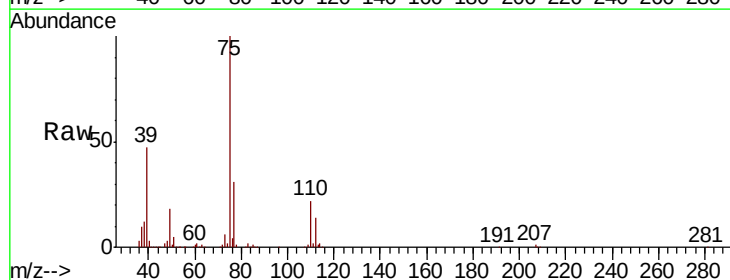
Tgt Ion: 75 Resp: 490438

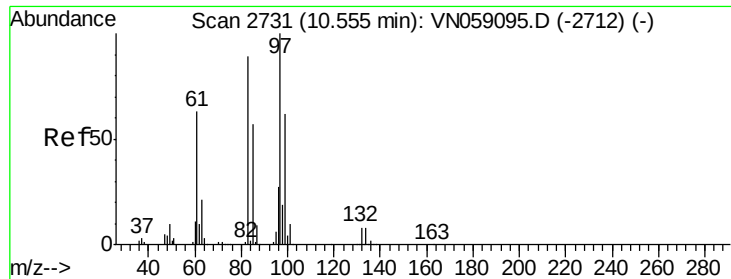
Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

39 46.8 37.3 55.9

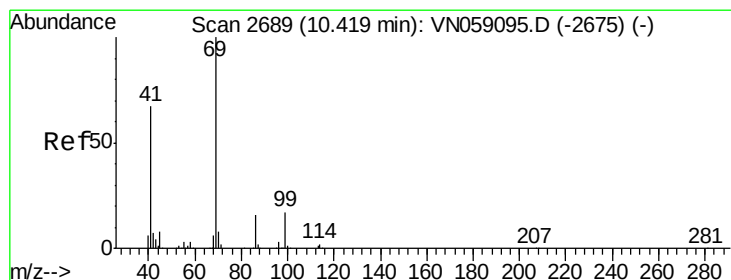
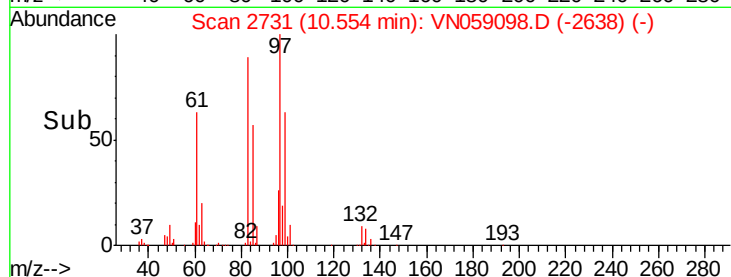
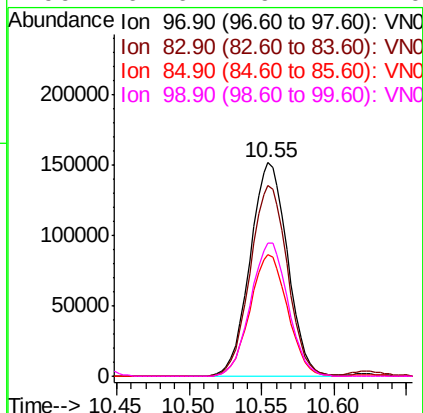
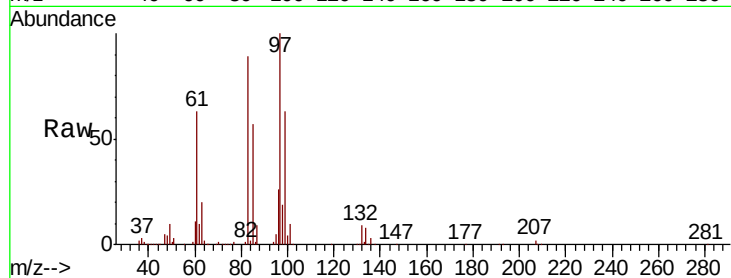




#55
 1,1,2-Trichloroethane
 Concen: 47.862 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

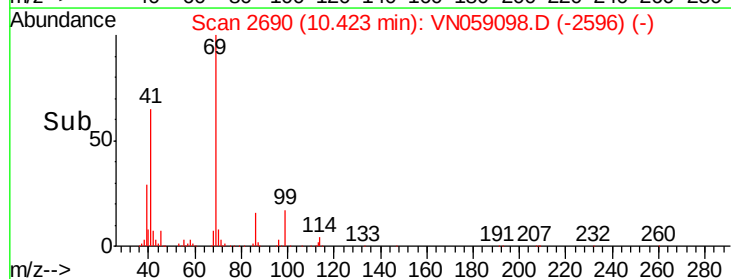
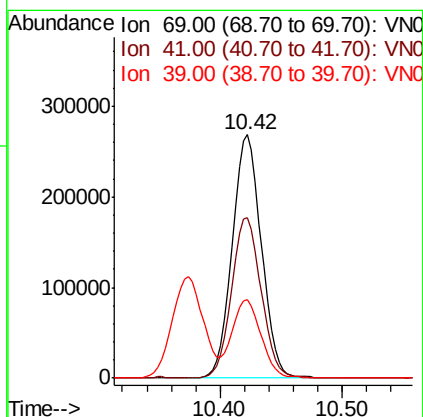
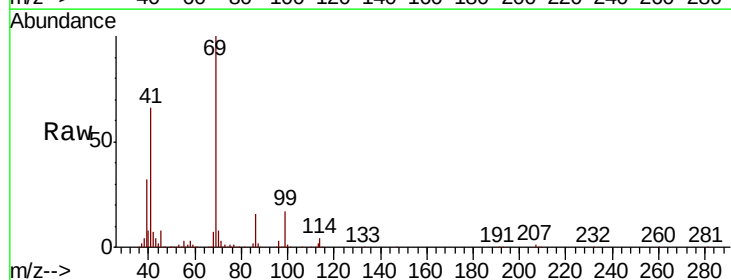
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

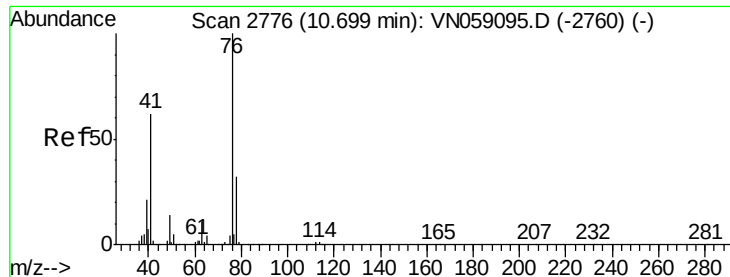
Tot Ion:	97	Resp:	272865
Ion	Ratio	Lower	Upper
97	100		
83	89.2	71.0	106.4
85	57.1	45.8	68.8
99	62.6	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 47.147 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion:	69	Resp:	447249
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.6	80.4
39	31.7	26.2	39.4





#57

1,3-Dichloropropane

Concen: 49.087 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

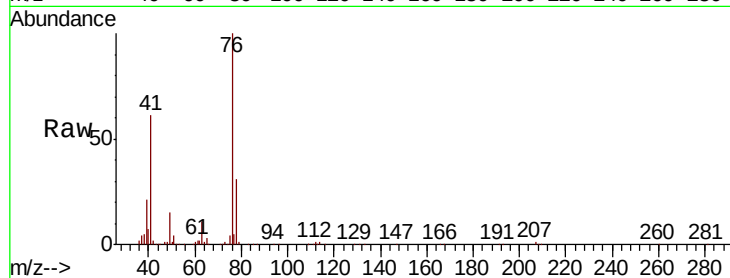
ICVVN110619

Tot Ion: 76 Resp: 481645

Ion Ratio Lower Upper

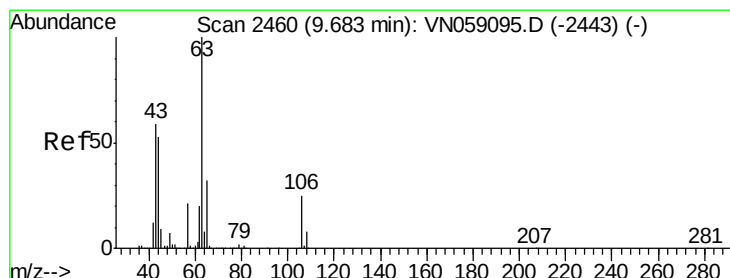
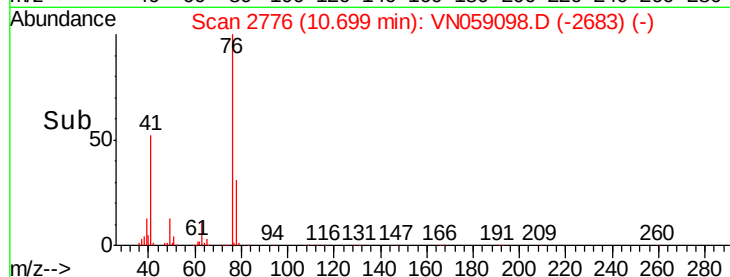
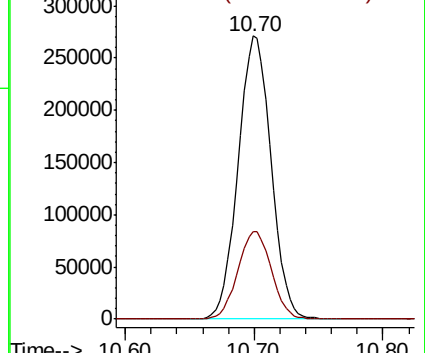
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 286.035 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059098.D

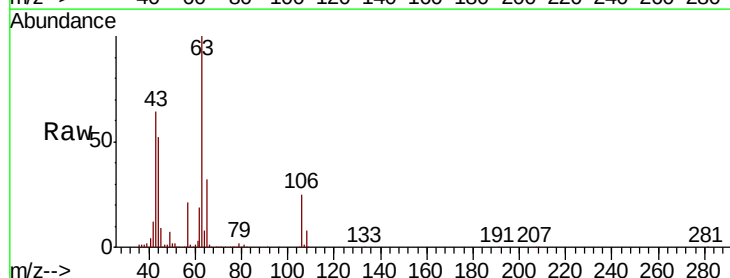
Acq: 6 Nov 2019 11:29

Tgt Ion: 63 Resp: 907527

Ion Ratio Lower Upper

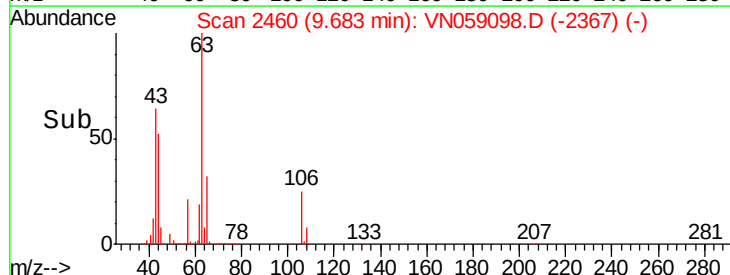
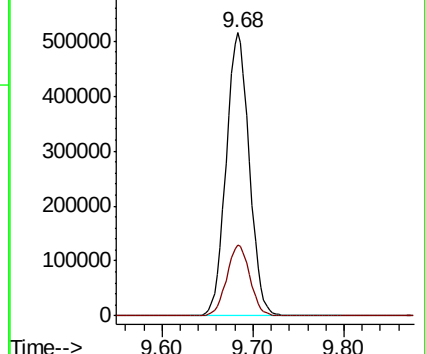
63 100

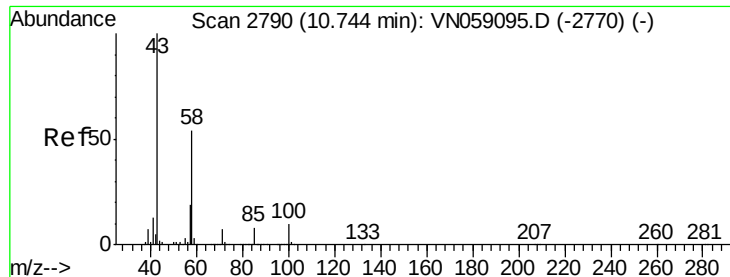
106 25.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

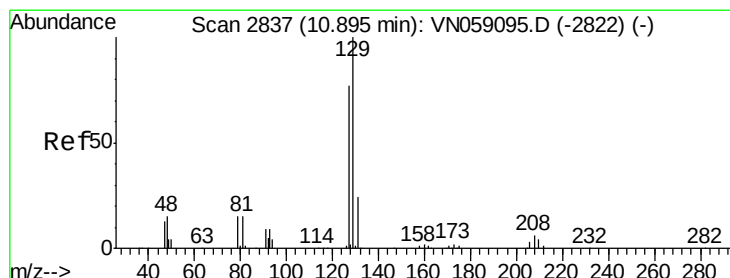
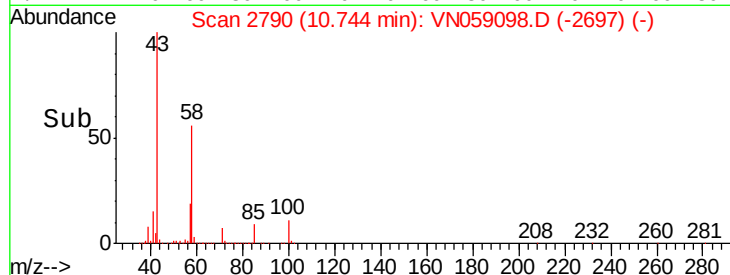
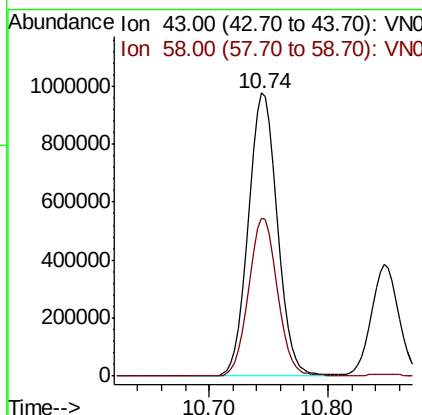
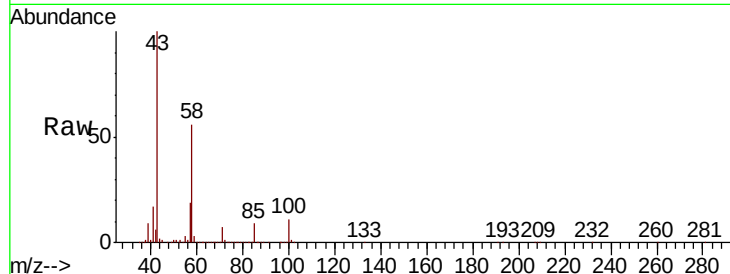




#59
2-Hexanone
Concen: 274.889 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

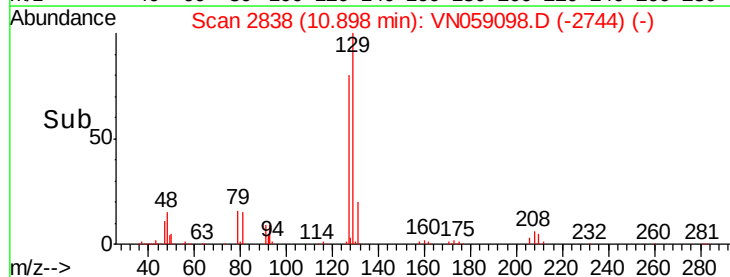
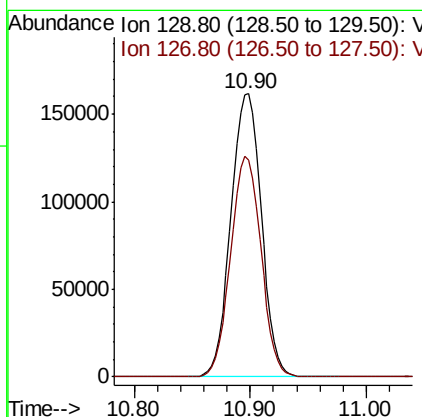
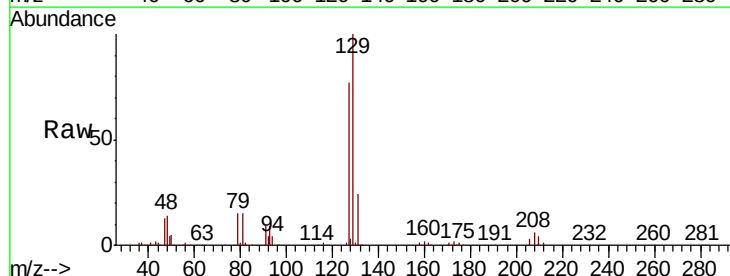
Instrument :
MSVOA_N
ClientSampled :
ICVVN110619

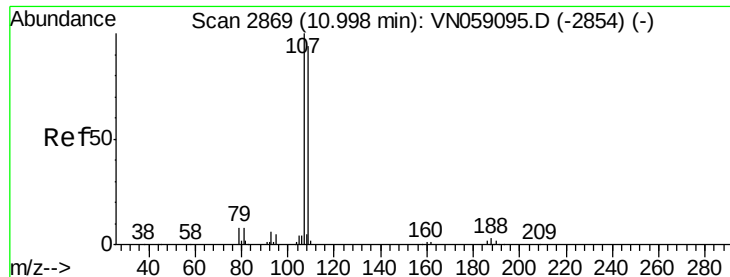
Tot Ion: 43 Resp: 1652515
Ion Ratio Lower Upper
43 100
58 55.5 27.3 81.8



#60
Dibromochloromethane
Concen: 49.011 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 129 Resp: 295424
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8

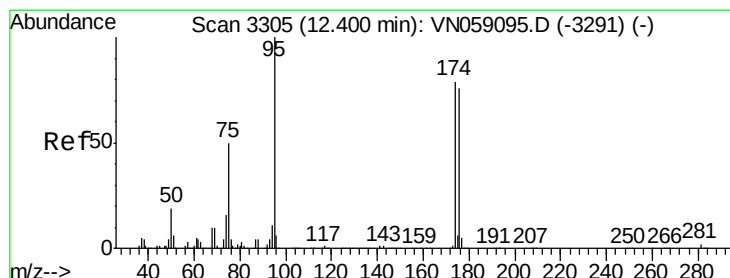
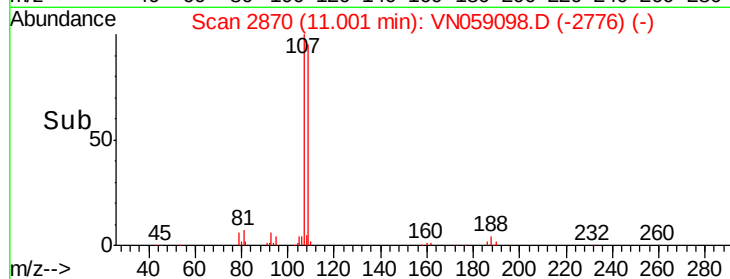
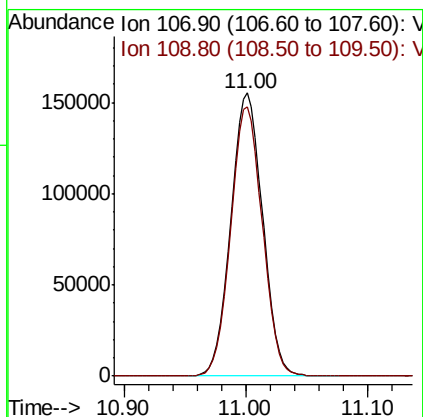
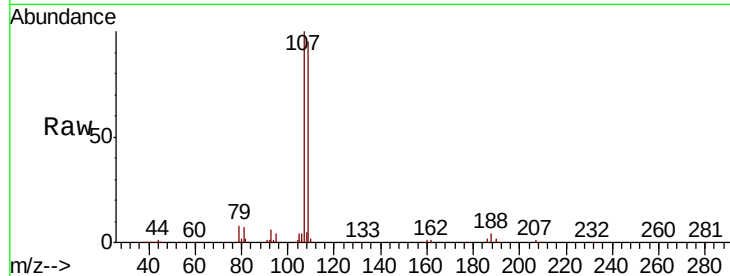




#61
 1,2-Dibromoethane
 Concen: 48.611 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

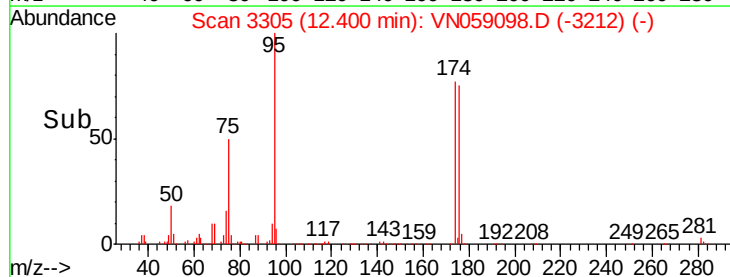
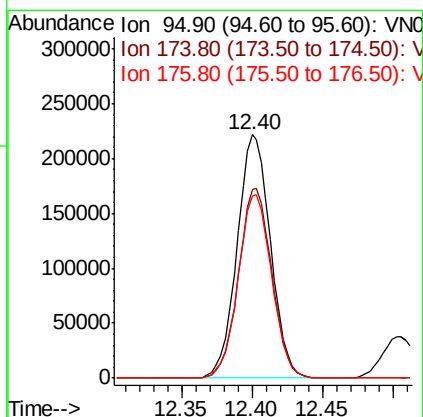
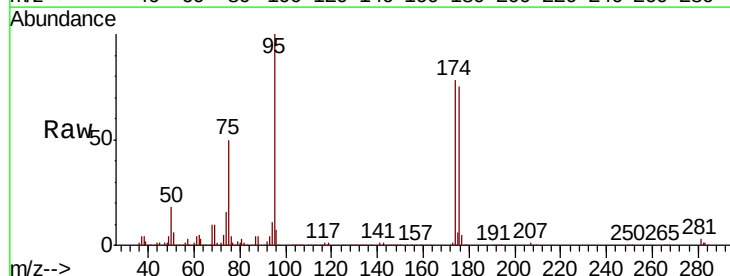
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

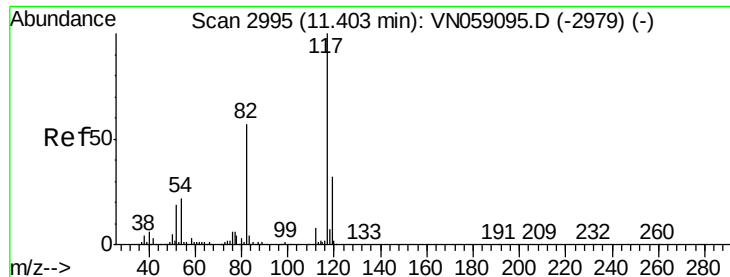
Tot Ion: 107 Resp: 280547
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 51.789 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion: 95 Resp: 366708
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.2
 176 75.8 0.0 151.8

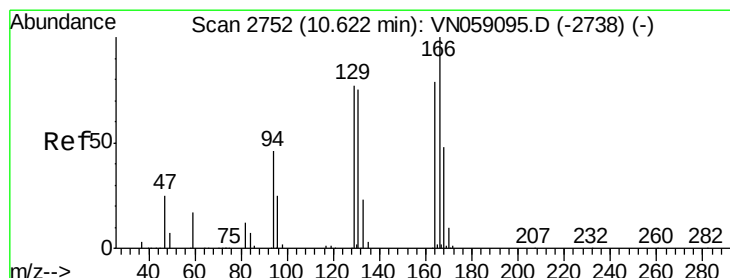
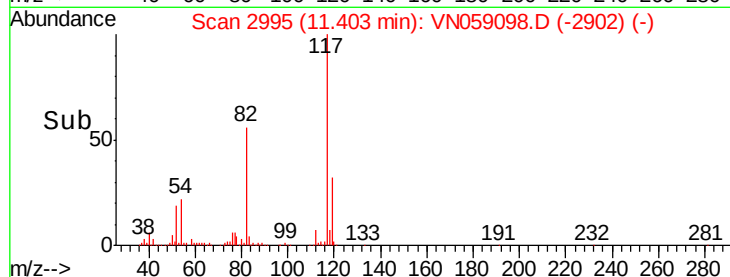
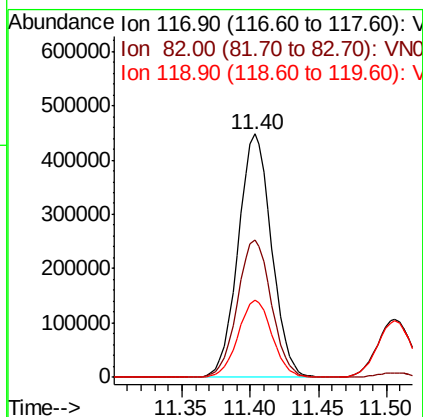
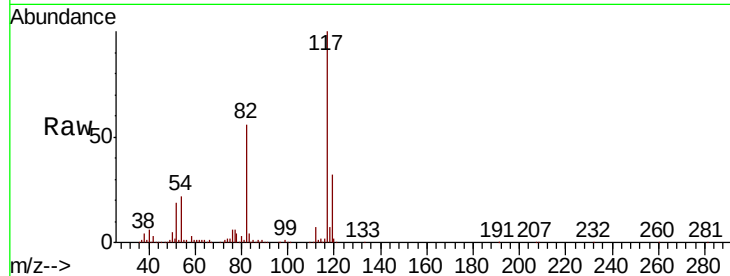




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

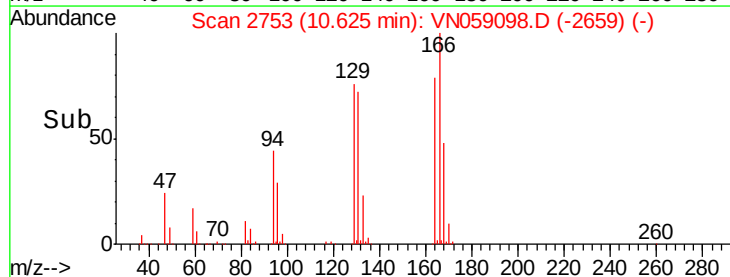
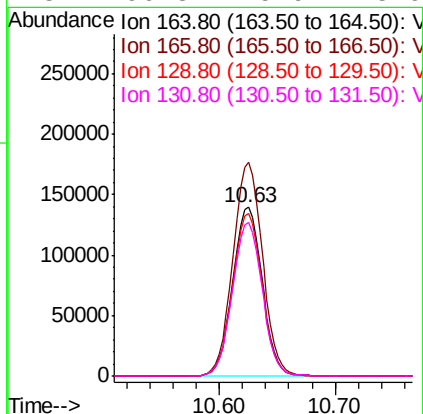
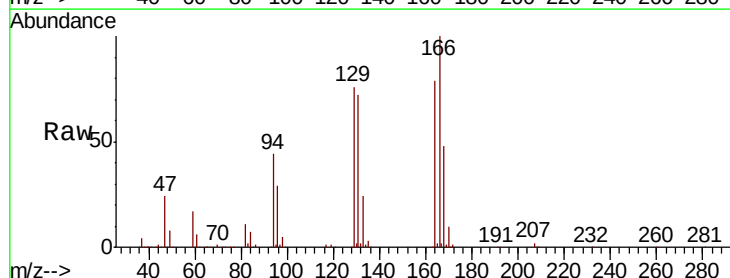
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

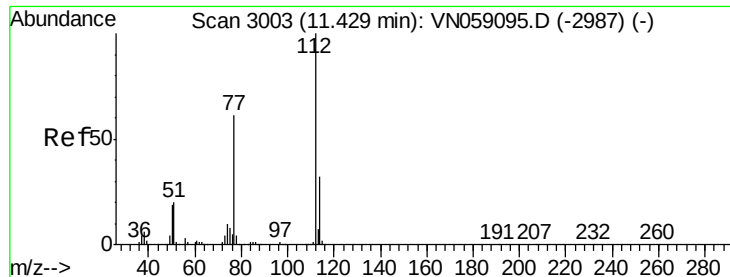
Tot Ion:117 Resp: 760358
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.8
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 47.620 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion:164 Resp: 246209
Ion Ratio Lower Upper
164 100
166 126.7 101.5 152.3
129 96.5 78.3 117.5
131 90.8 75.9 113.9





#65

Chlorobenzene

Concen: 48.742 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

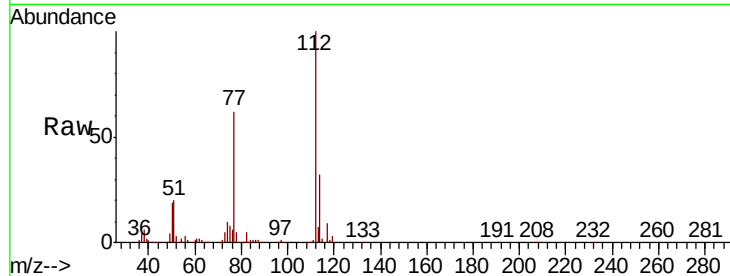
ICVFN110619

Tot Ion:112 Resp: 722472

Ion Ratio Lower Upper

112 100

114 32.0 25.2 37.8

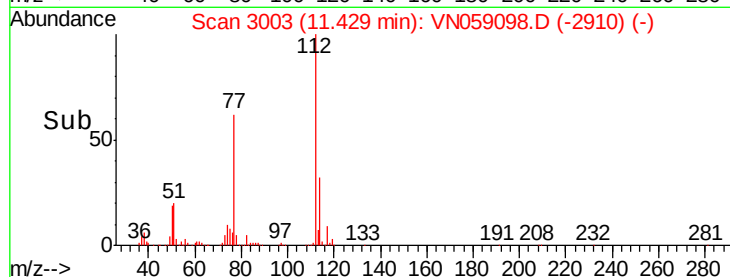


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

Time-->



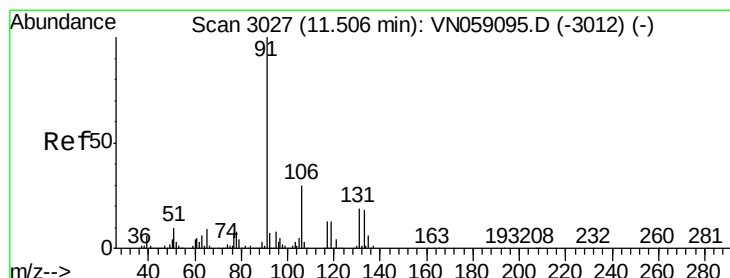
Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.43

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.579 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

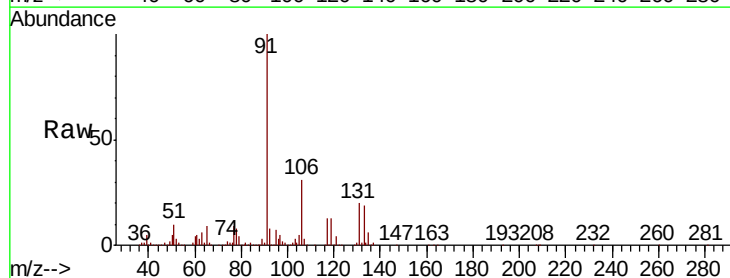
Tgt Ion:131 Resp: 270110

Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.3

119 67.2 33.2 99.6



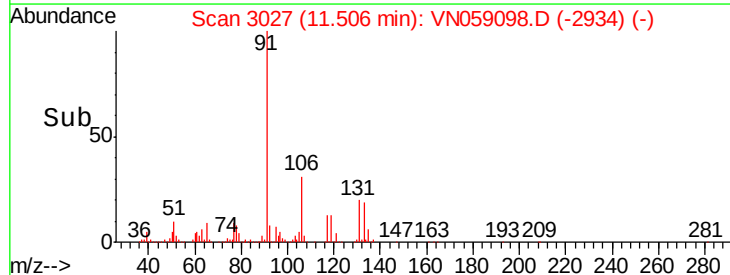
Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

Time-->



Abundance

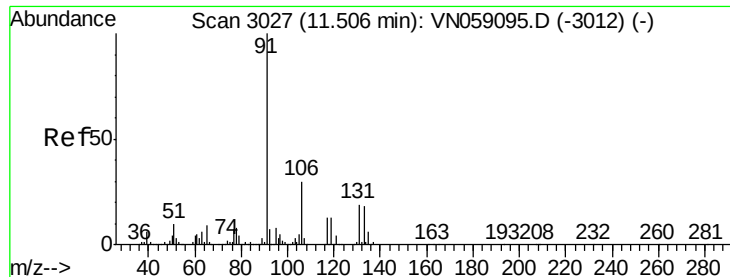
Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.51

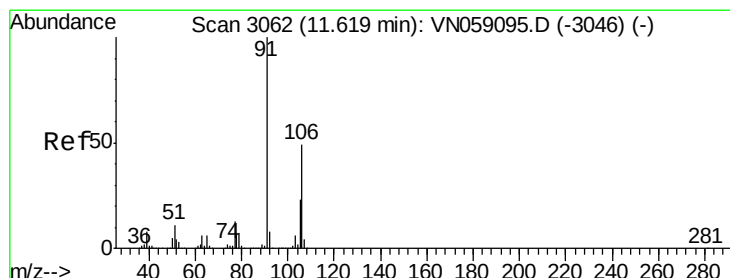
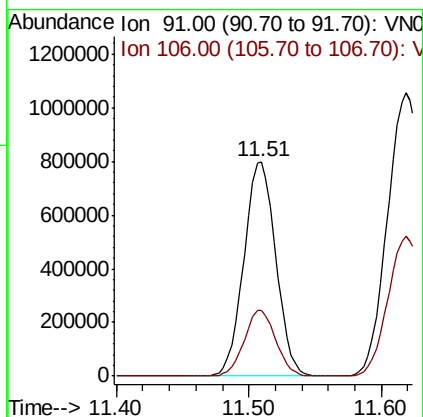
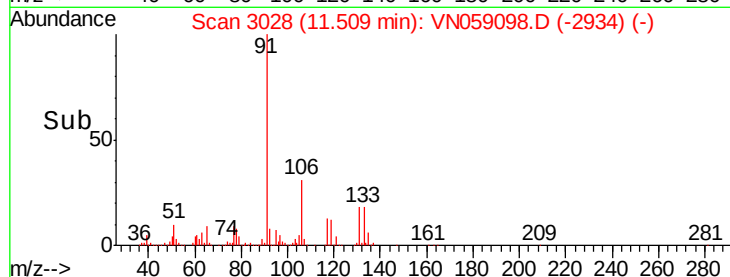
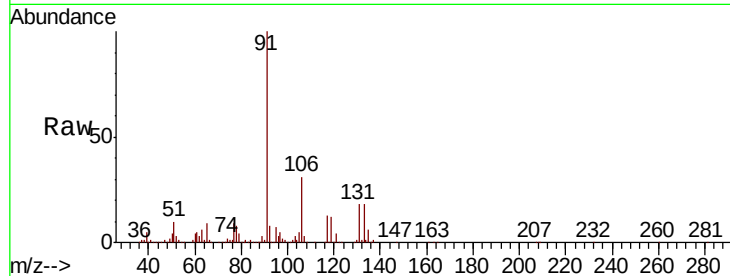
Time-->



#67
Ethyl Benzene
Concen: 50.724 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

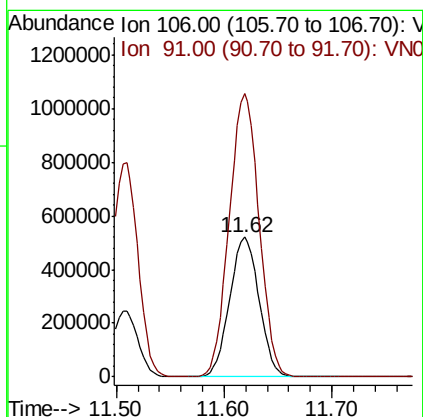
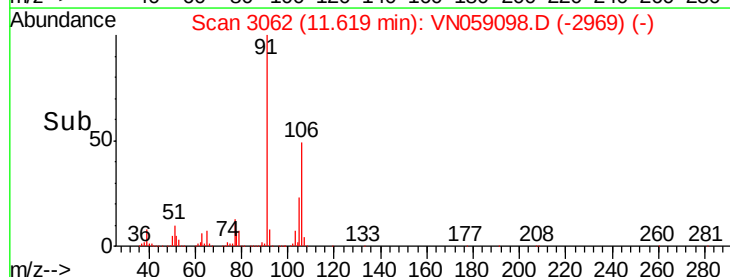
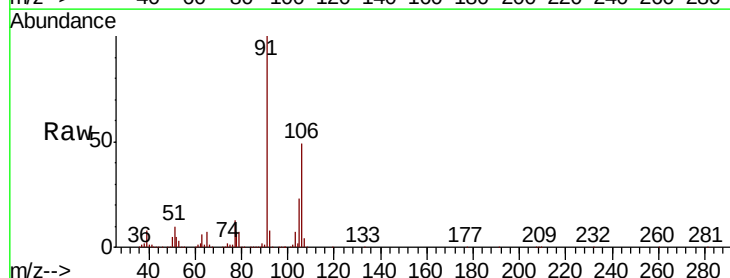
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

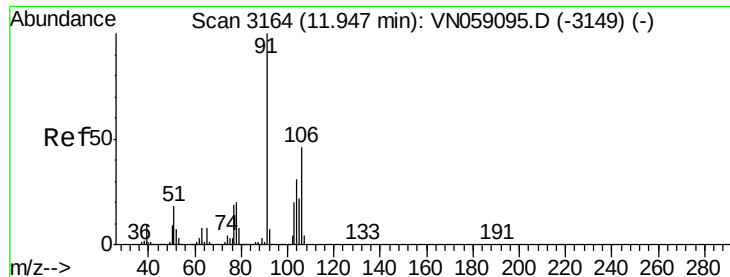
Tot Ion: 91 Resp: 1333957
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1



#68
m/p-Xylenes
Concen: 100.531 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 106 Resp: 990328
Ion Ratio Lower Upper
106 100
91 205.5 164.7 247.1





#69

o-Xylene

Concen: 49.240 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

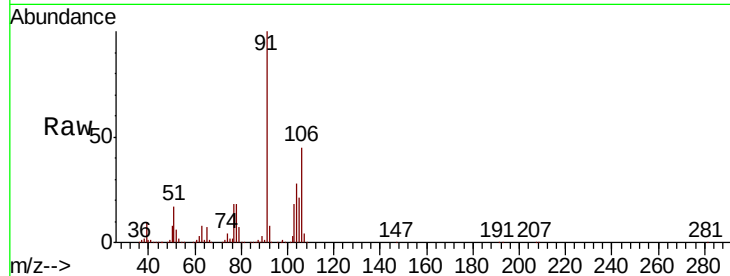
ICVFN110619

Tot Ion:106 Resp: 468767

Ion Ratio Lower Upper

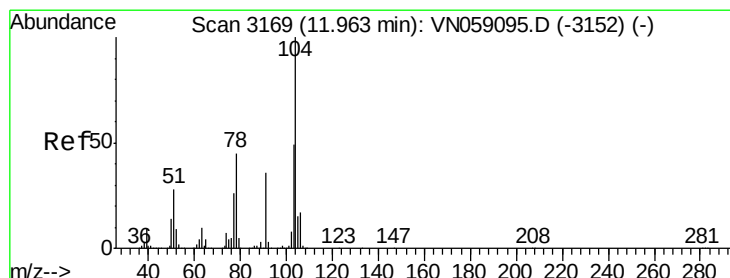
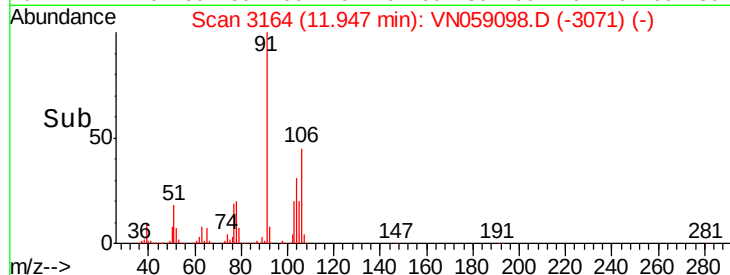
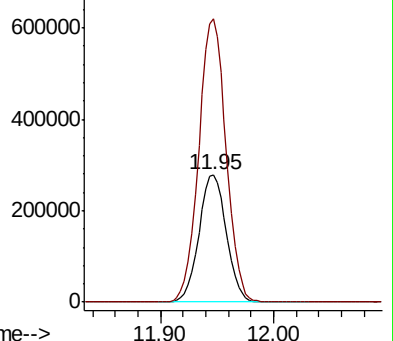
106 100

91 220.8 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 53.048 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

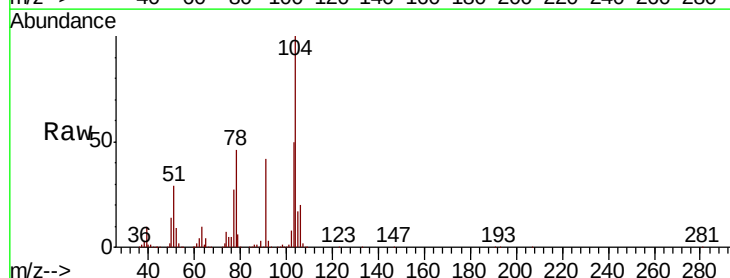
Tgt Ion:104 Resp: 794260

Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

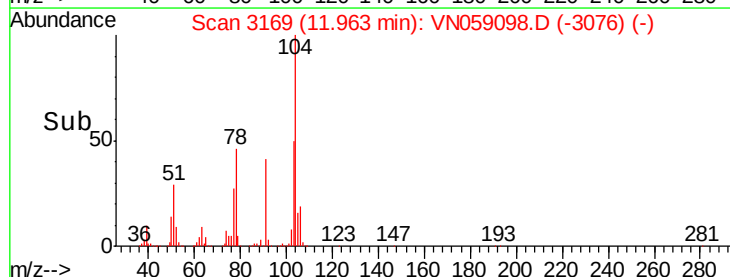
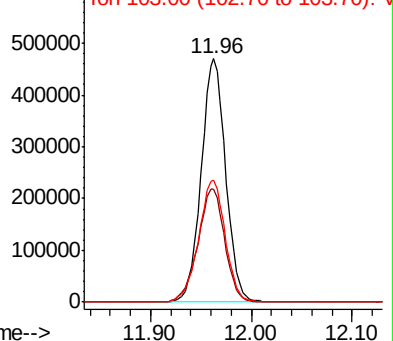
103 54.5 43.8 65.6

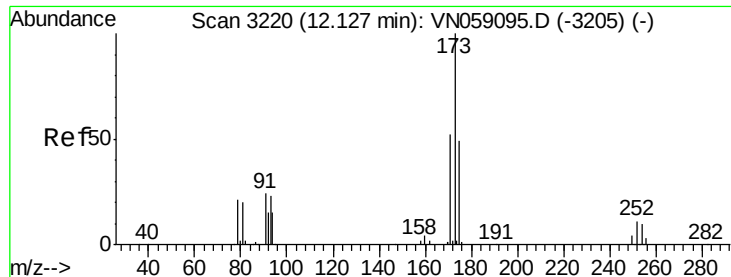


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.932 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110619

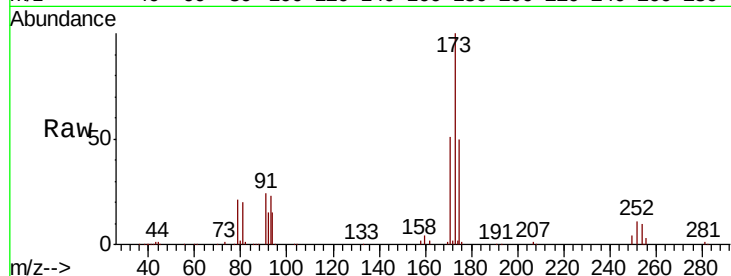
Tot Ion:173 Resp: 215954

Ion Ratio Lower Upper

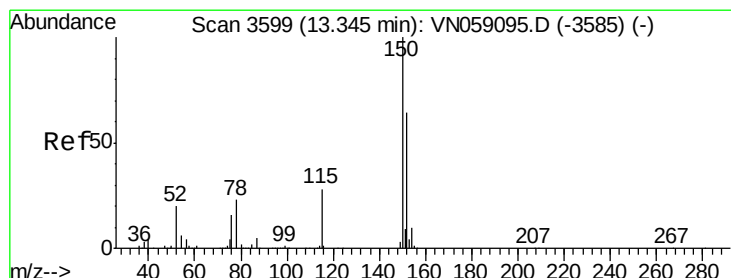
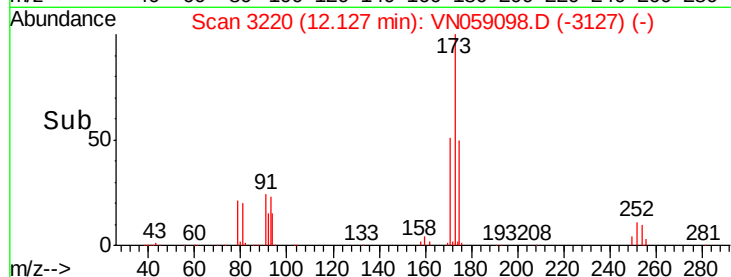
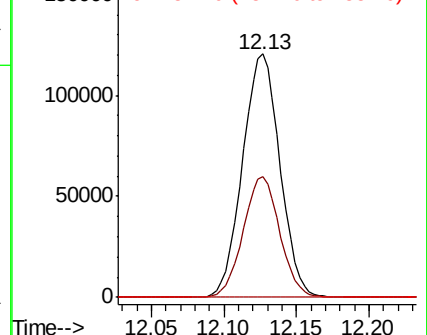
173 100

175 48.5 24.2 72.6

254 0.1 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# 3599

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

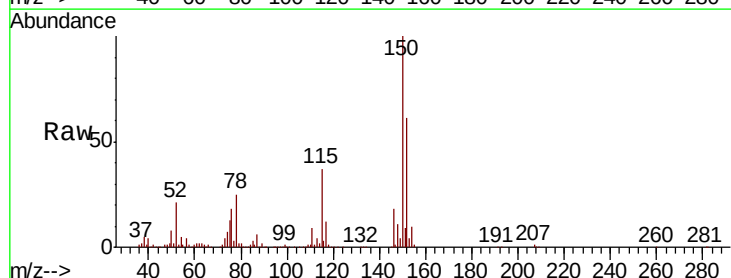
Tgt Ion:152 Resp: 361910

Ion Ratio Lower Upper

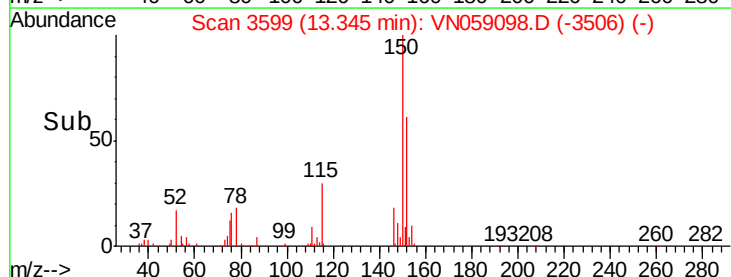
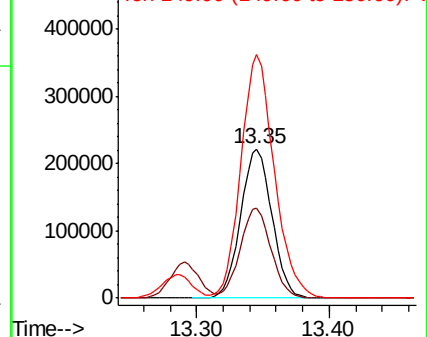
152 100

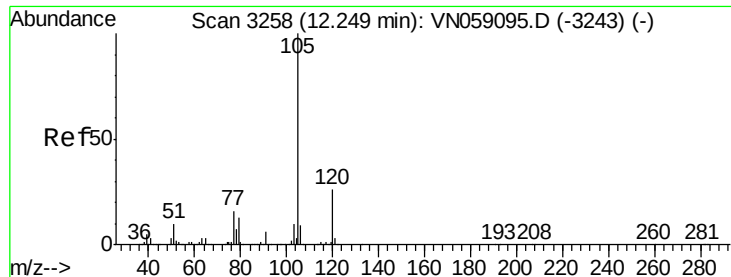
115 59.6 29.4 88.2

150 174.8 0.0 345.8



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: 48.805 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

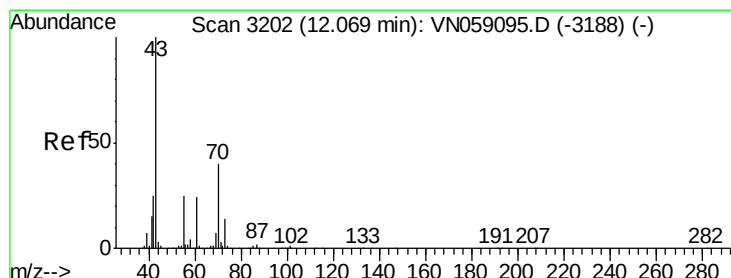
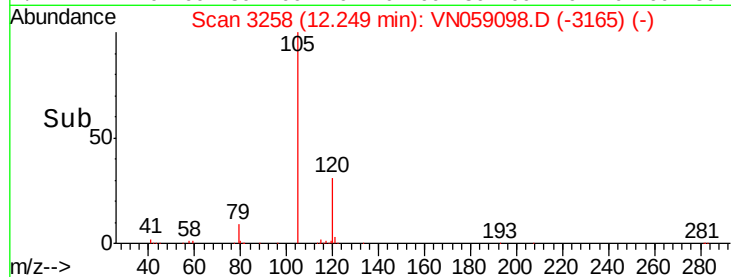
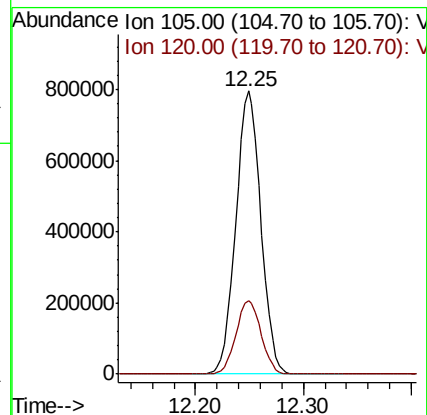
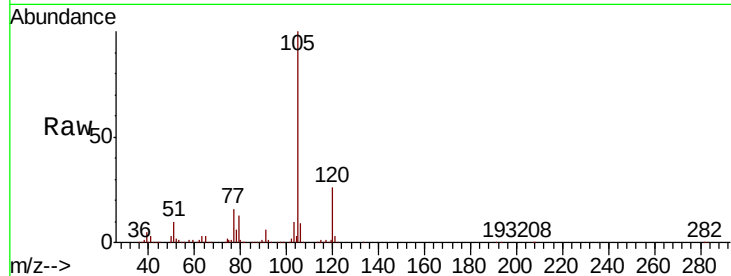
ICVNN110619

Tot Ion:105 Resp: 1284801

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.3



#74

N-ethyl acetate

Concen: 51.892 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Tgt Ion: 43 Resp: 578856

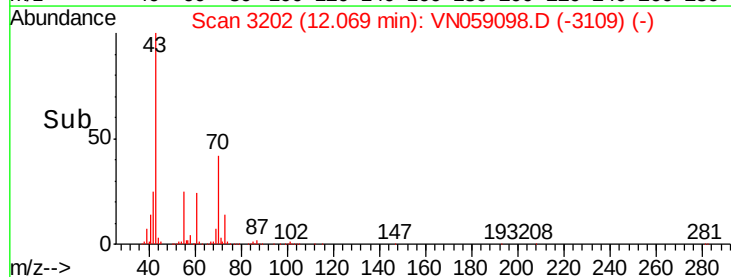
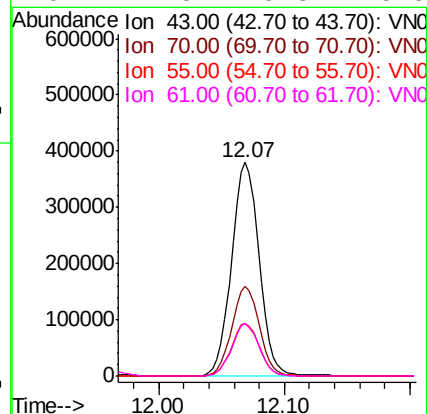
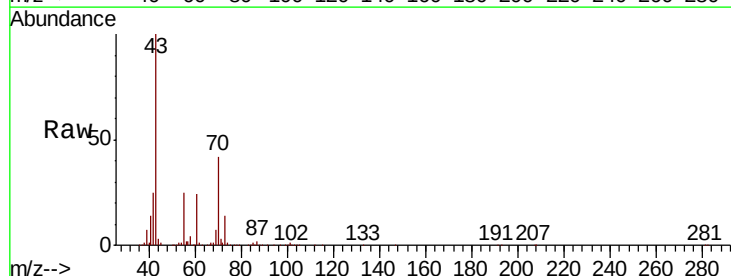
Ion Ratio Lower Upper

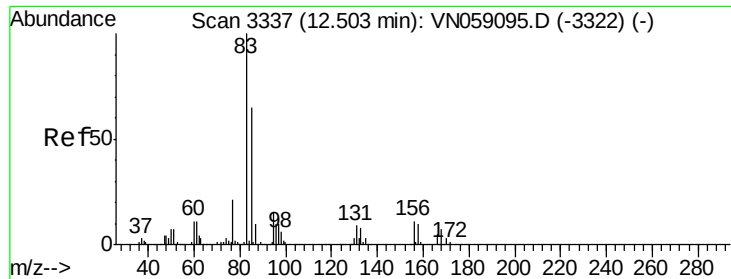
43 100

70 42.0 32.2 48.4

55 25.2 20.4 30.6

61 24.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.315 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110619

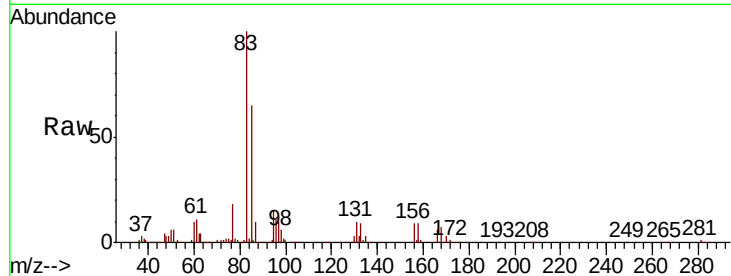
Tot Ion: 83 Resp: 424179

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

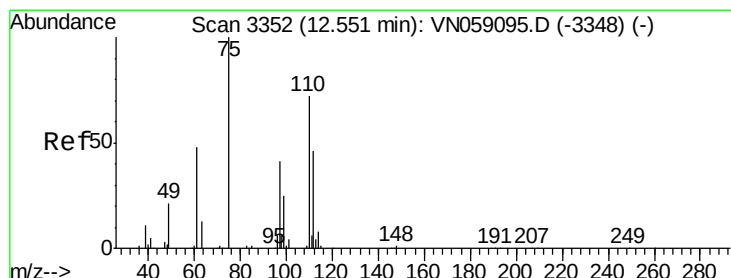
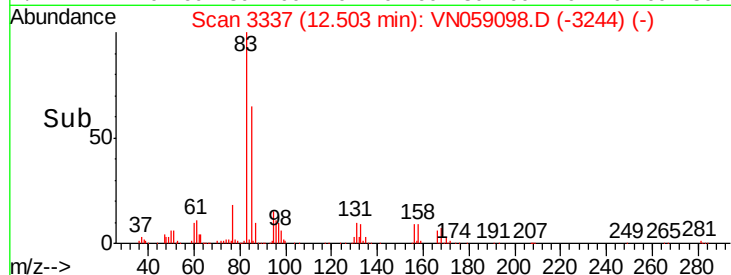
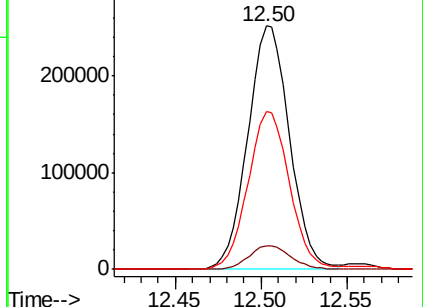
85 64.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059098.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059098.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059098.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 70.097 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059098.D

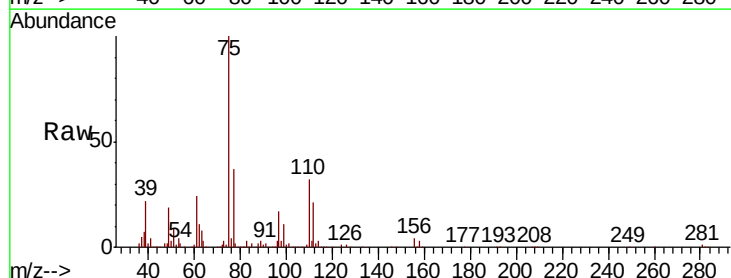
Acq: 6 Nov 2019 11:29

Tgt Ion: 75 Resp: 577564

Ion Ratio Lower Upper

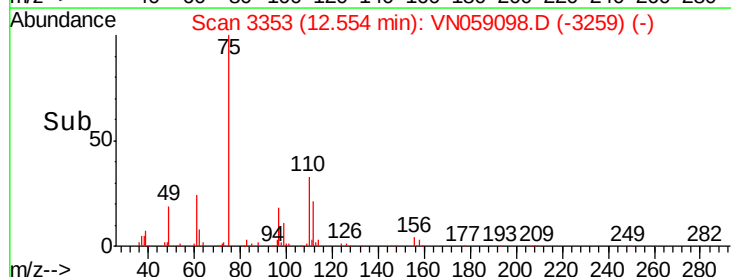
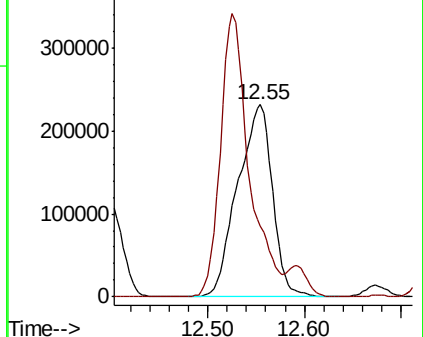
75 100

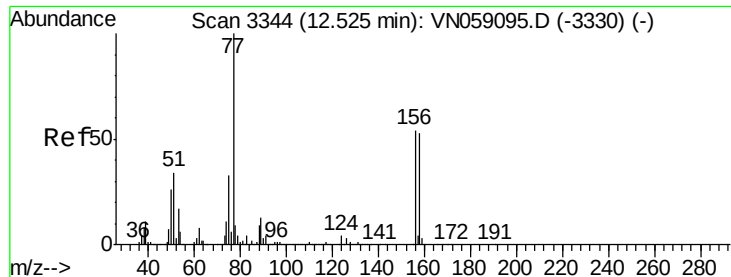
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059098.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN059098.D (-3352) (-)





#77

Bromobenzene

Concen: 46.324 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110619

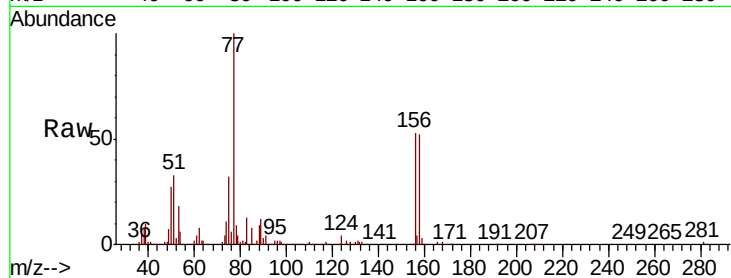
Tot Ion:156 Resp: 306393

Ion Ratio Lower Upper

156 100

77 228.8 112.8 338.3

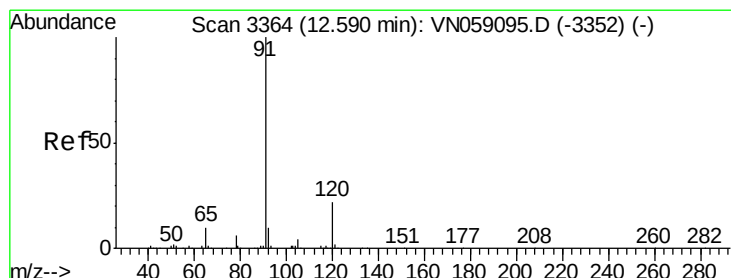
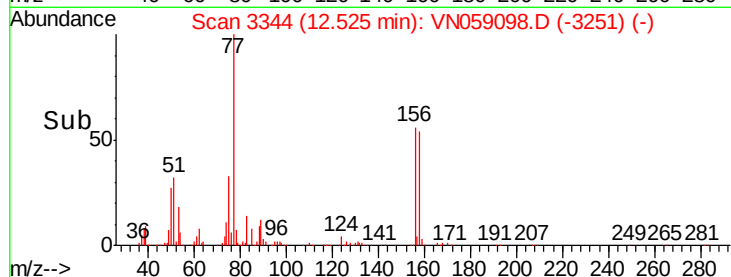
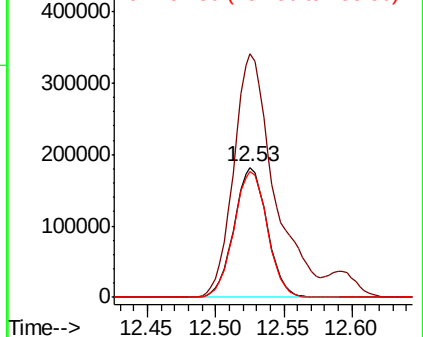
158 98.1 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.611 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059098.D

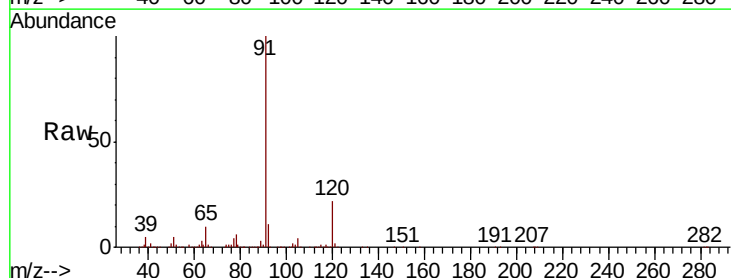
Acq: 6 Nov 2019 11:29

Tgt Ion: 91 Resp: 1525541

Ion Ratio Lower Upper

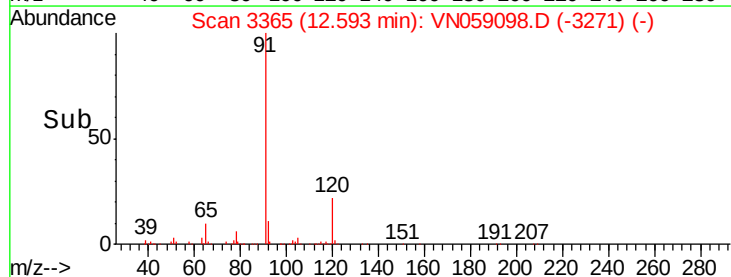
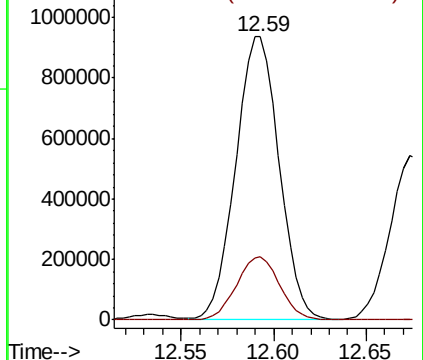
91 100

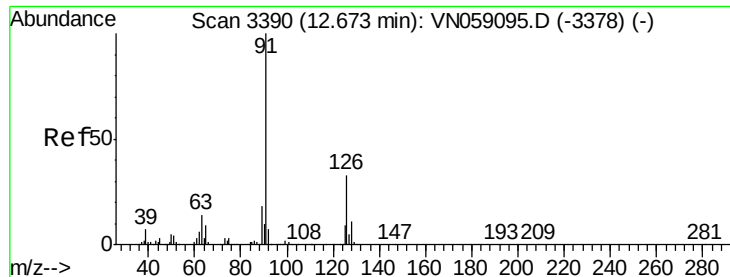
120 22.1 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.807 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

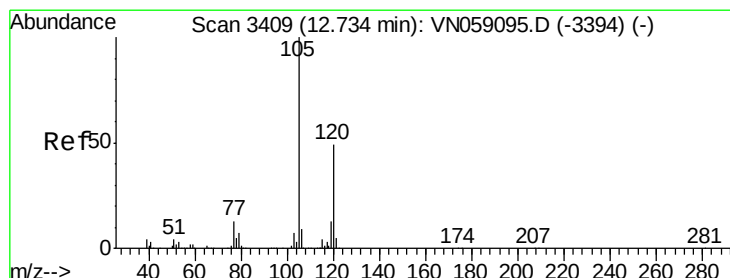
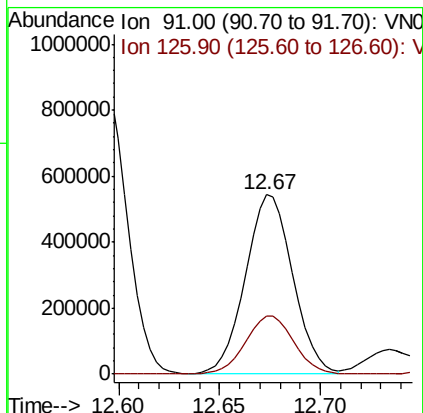
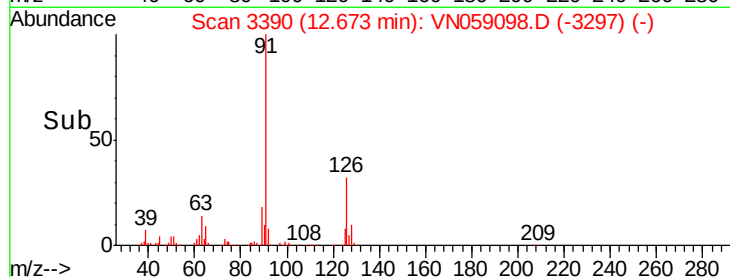
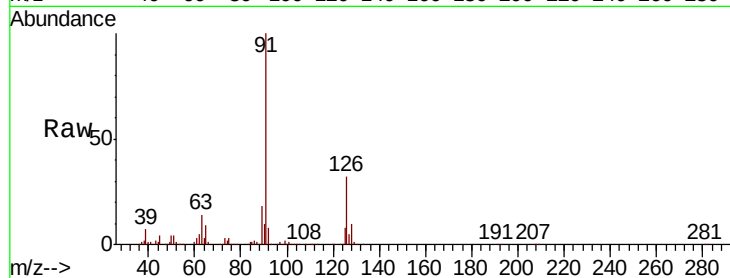
ICVFN110619

Tot Ion: 91 Resp: 893939

Ion Ratio Lower Upper

91 100

126 33.0 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 48.971 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059098.D

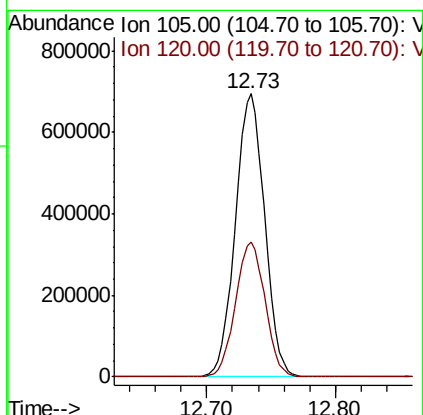
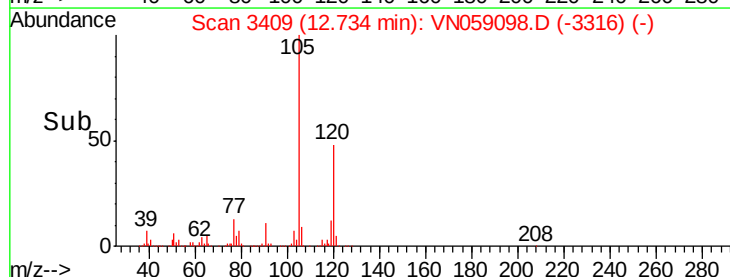
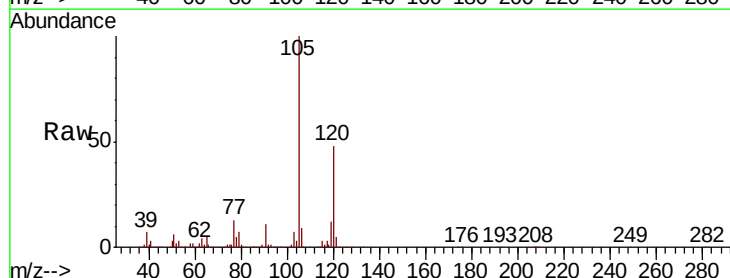
Acq: 6 Nov 2019 11:29

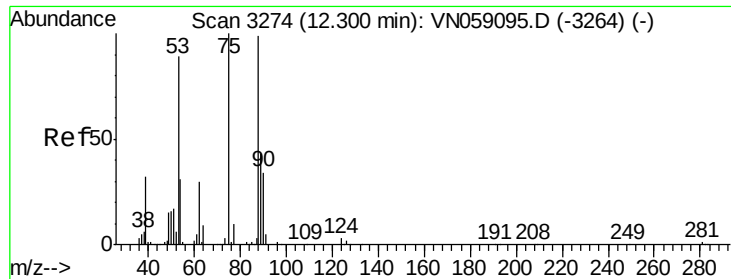
Tgt Ion: 105 Resp: 1092391

Ion Ratio Lower Upper

105 100

120 48.2 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 50.688 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110619

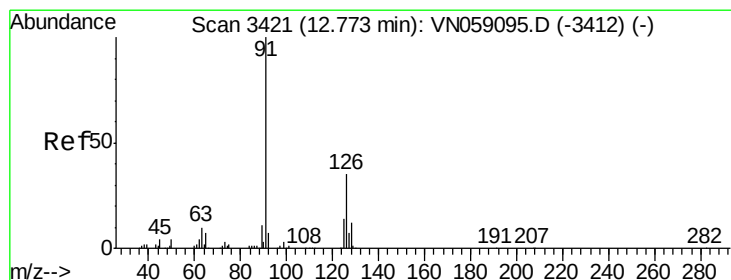
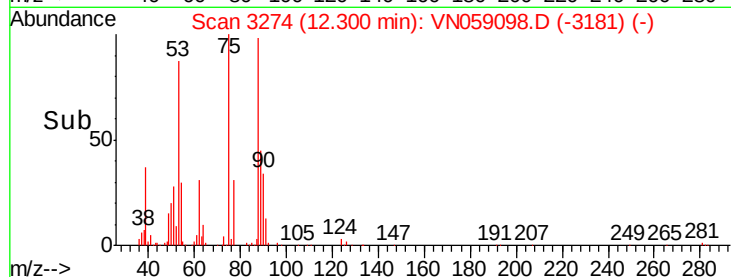
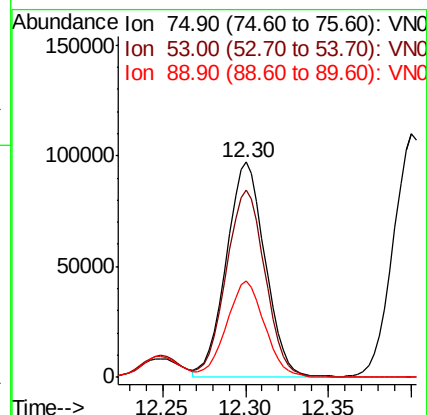
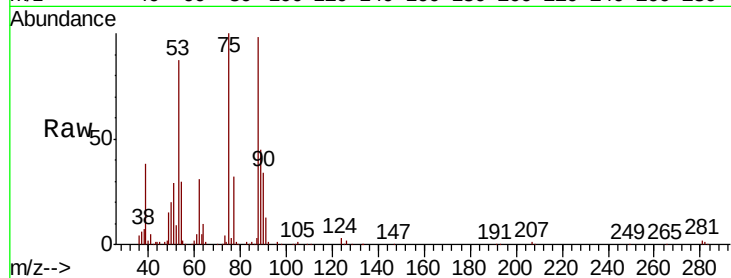
Tot Ion: 75 Resp: 158122

Ion Ratio Lower Upper

75 100

53 87.9 72.2 108.2

89 43.8 35.8 53.8



#82

4-Chlorotoluene

Concen: 49.041 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059098.D

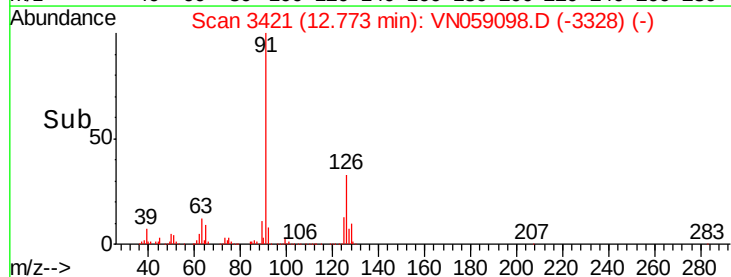
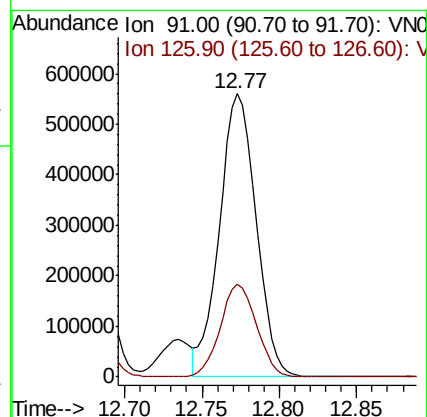
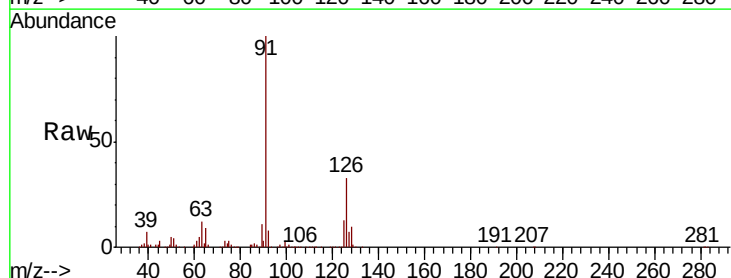
Acq: 6 Nov 2019 11:29

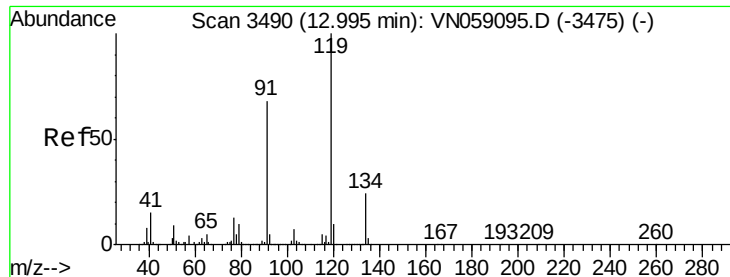
Tgt Ion: 91 Resp: 919756

Ion Ratio Lower Upper

91 100

126 32.5 16.1 48.2





#83

tert-Butylbenzene

Concen: 48.710 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110619

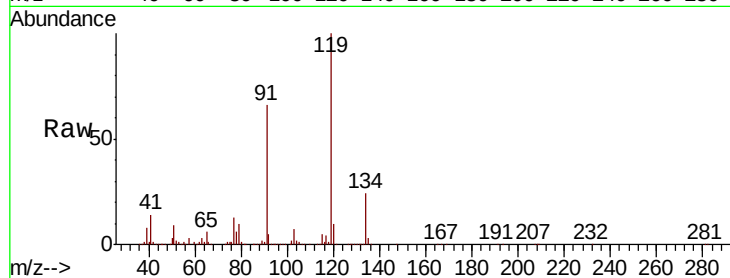
Tot Ion:119 Resp: 938336

Ion Ratio Lower Upper

119 100

91 65.6 33.2 99.6

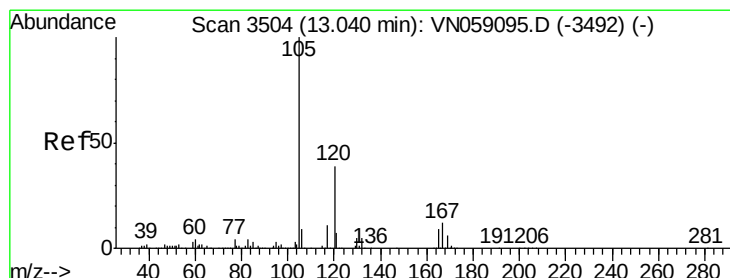
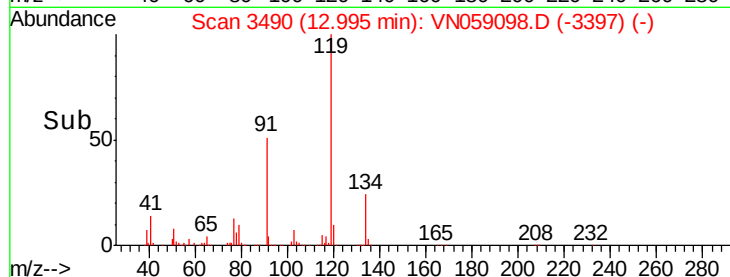
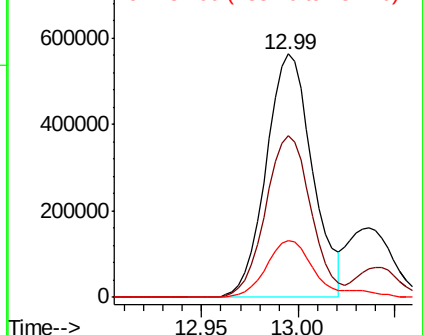
134 25.1 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 50.347 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059098.D

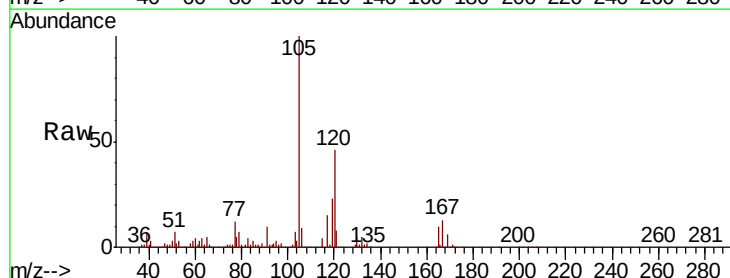
Acq: 6 Nov 2019 11:29

Tgt Ion:105 Resp: 1086579

Ion Ratio Lower Upper

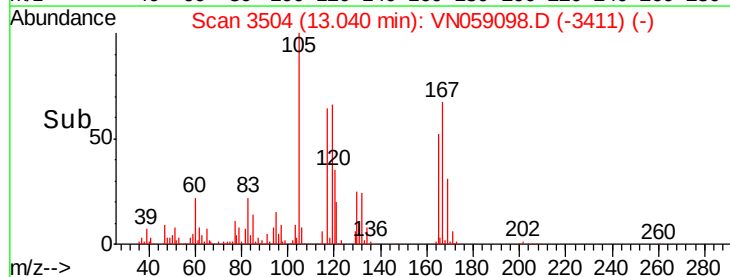
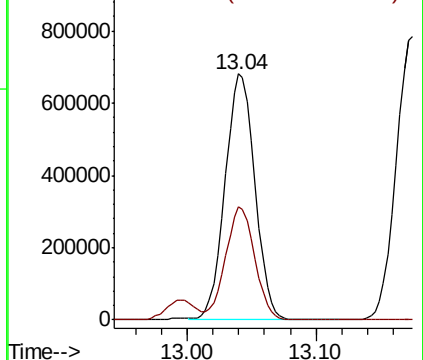
105 100

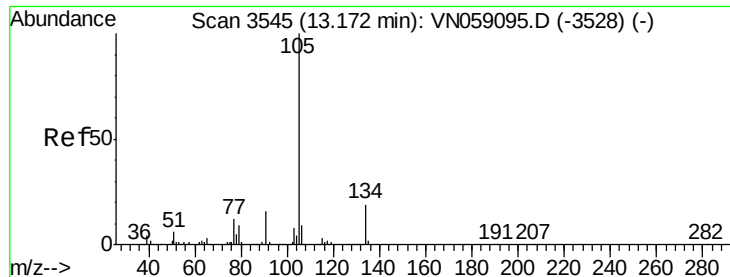
120 45.0 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

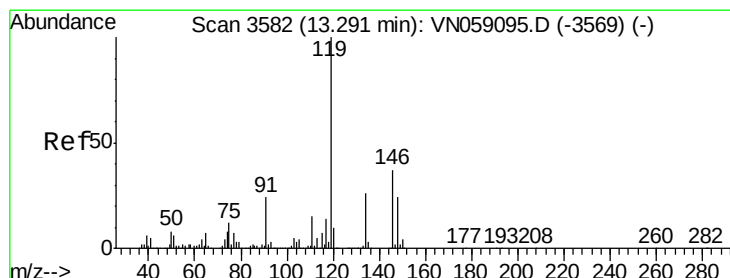
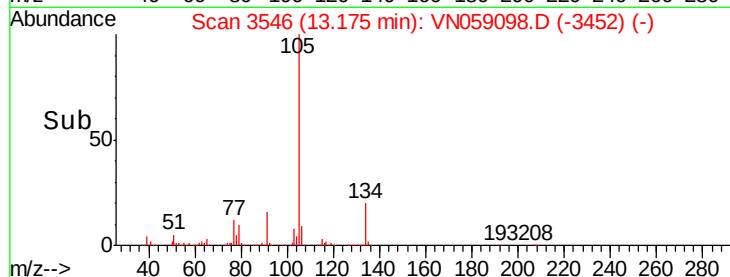
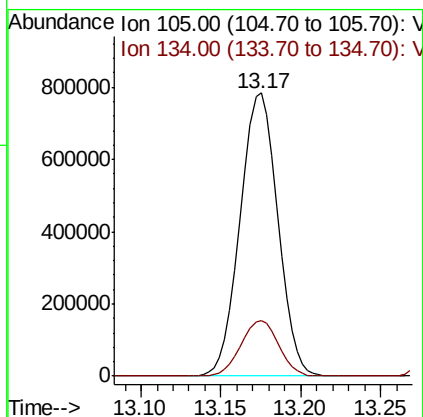
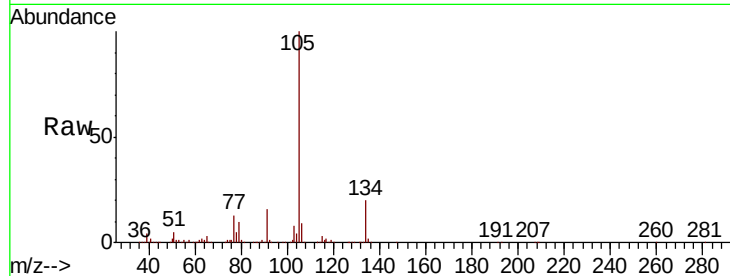




#85
 sec-Butylbenzene
 Concen: 50.093 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

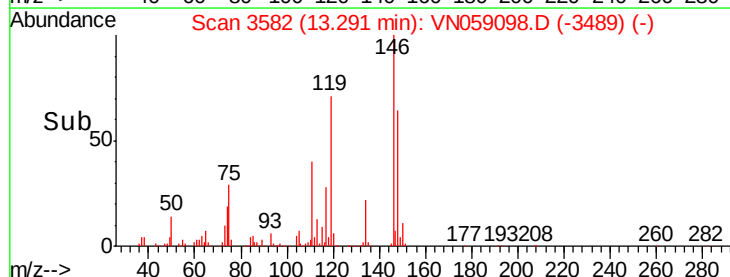
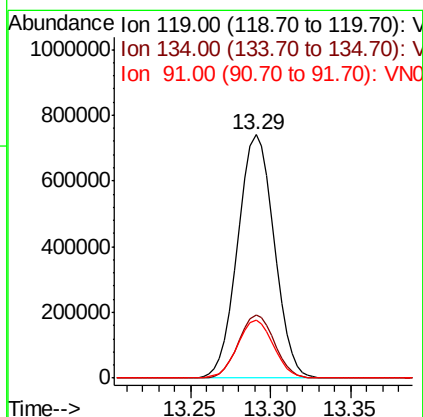
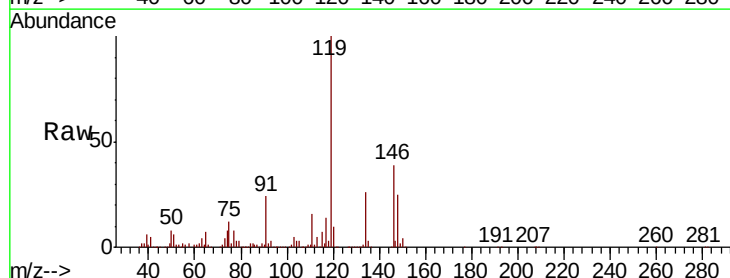
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

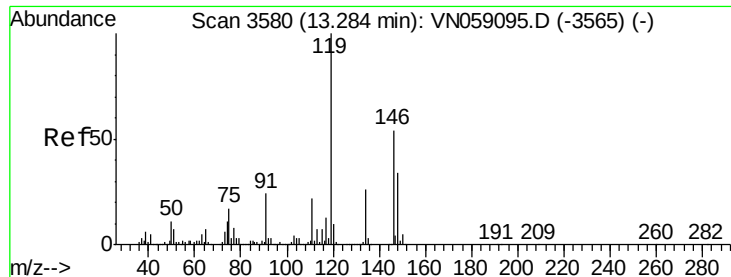
Tot Ion:105 Resp: 1255004
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 51.684 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion:119 Resp: 1143328
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 23.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 48.500 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110619

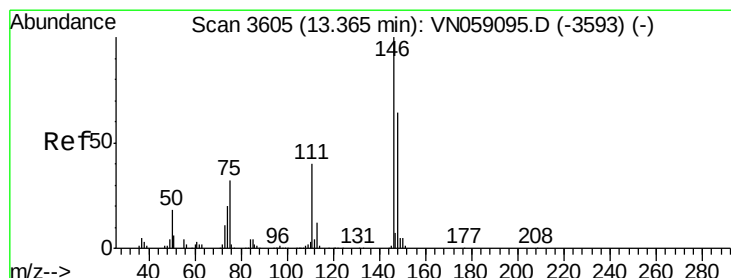
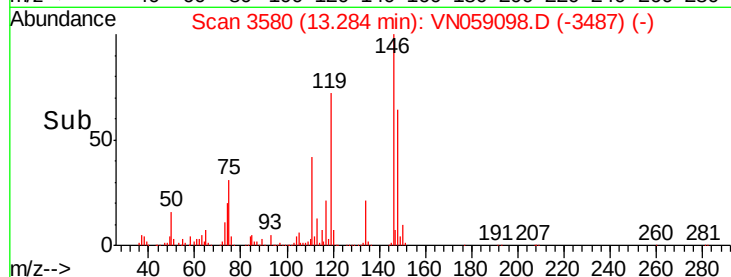
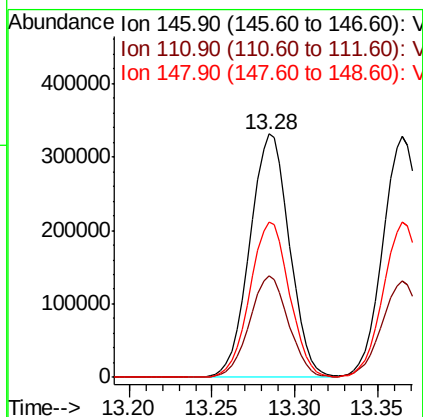
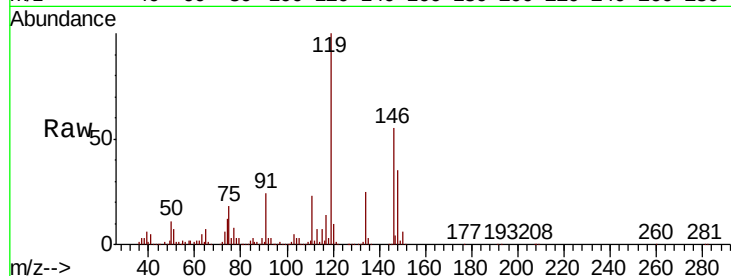
Tot Ion:146 Resp: 549310

Ion Ratio Lower Upper

146 100

111 41.0 20.4 61.3

148 63.9 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 48.236 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

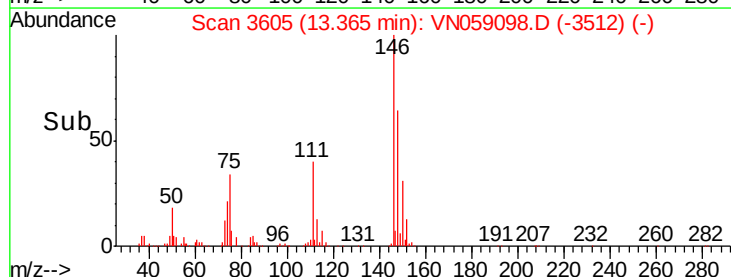
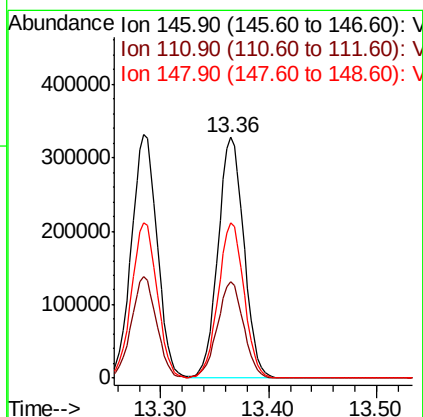
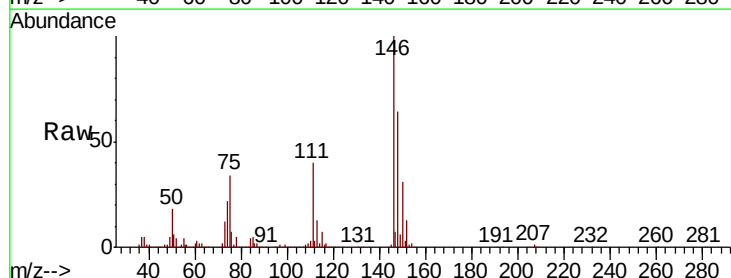
Tgt Ion:146 Resp: 546613

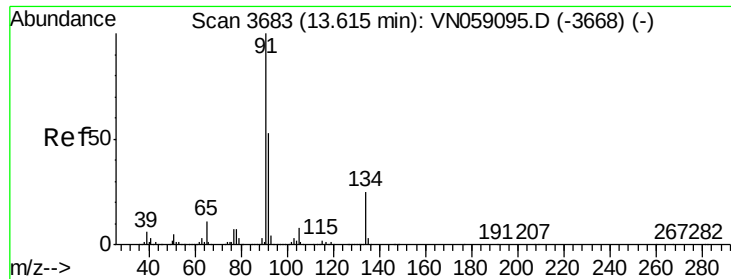
Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 64.0 31.9 95.7

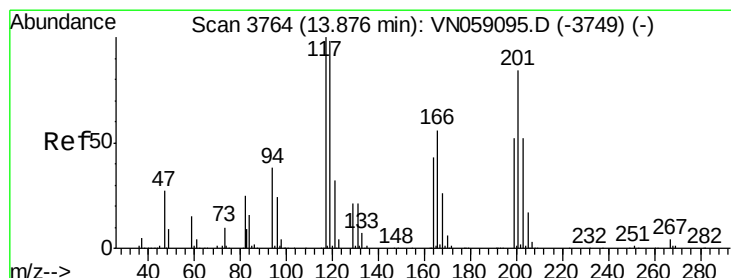
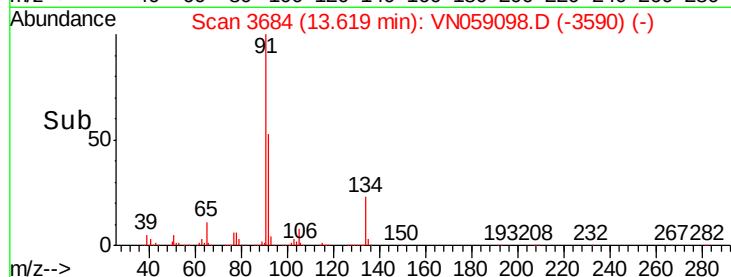
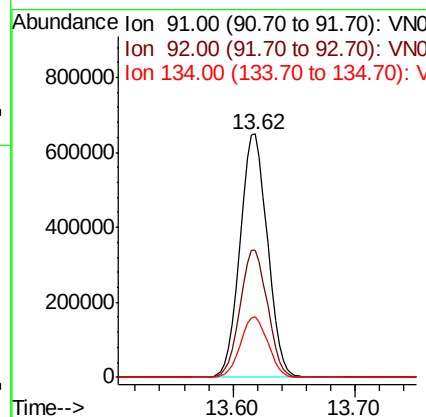
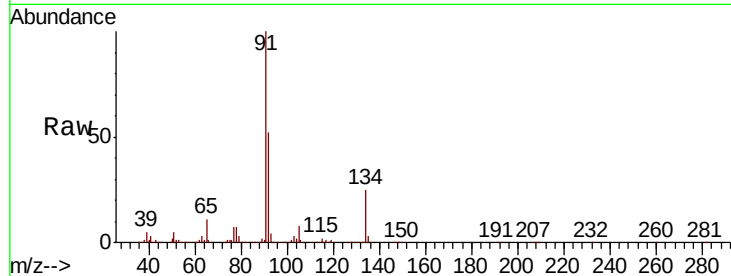




#89
n-Butylbenzene
Concen: 52.014 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

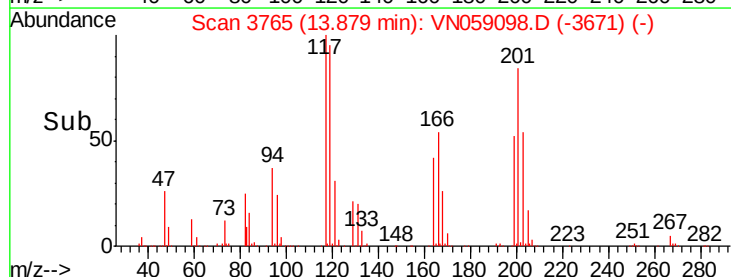
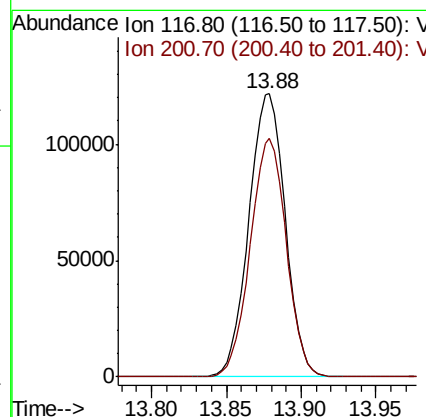
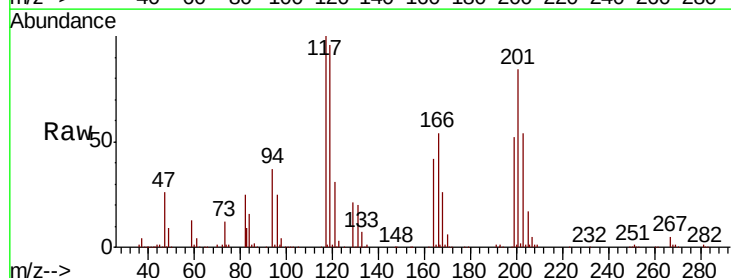
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110619

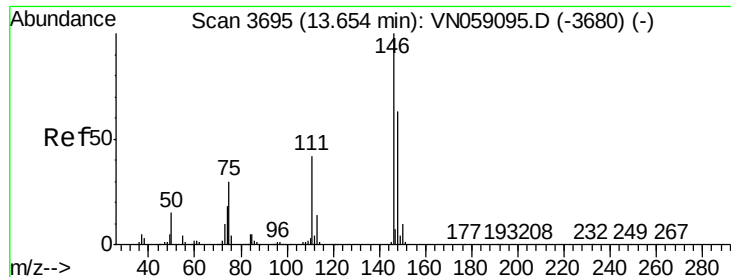
Tot Ion: 91 Resp: 1007067
Ion Ratio Lower Upper
91 100
92 52.6 26.1 78.3
134 24.9 12.6 37.8



#90
Hexachloroethane
Concen: 46.482 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059098.D
Acq: 6 Nov 2019 11:29

Tgt Ion: 117 Resp: 206476
Ion Ratio Lower Upper
117 100
201 83.3 41.8 125.3

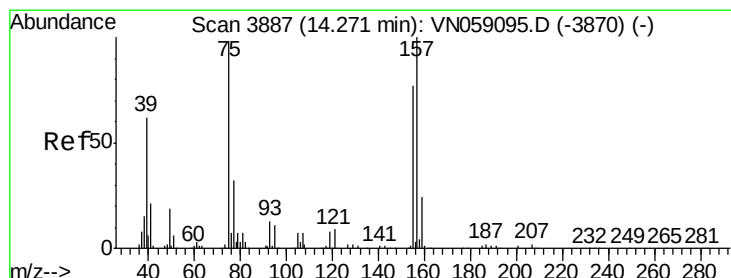
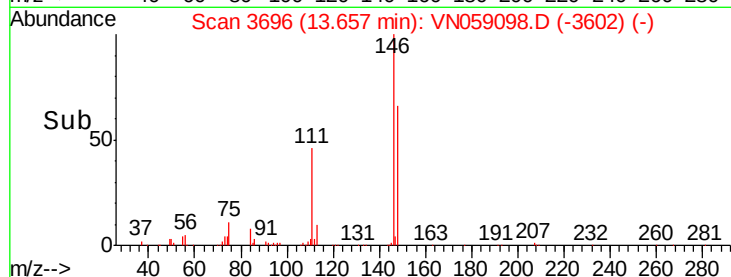
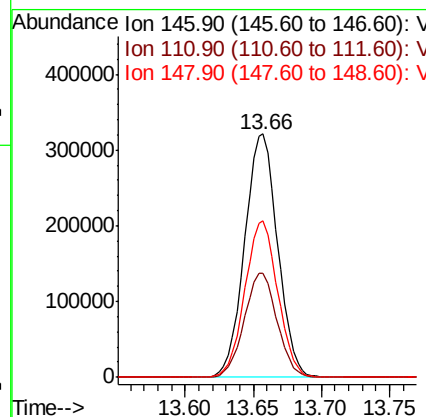
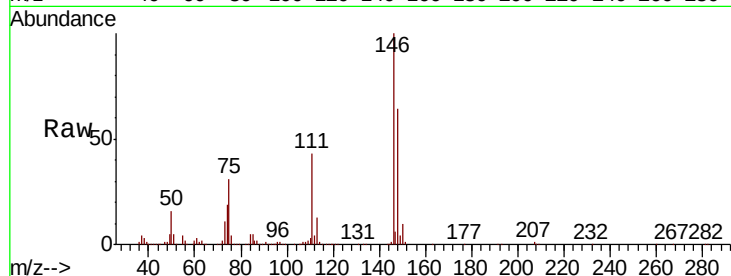




#91
 1,2-Dichlorobenzene
 Concen: 48.429 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

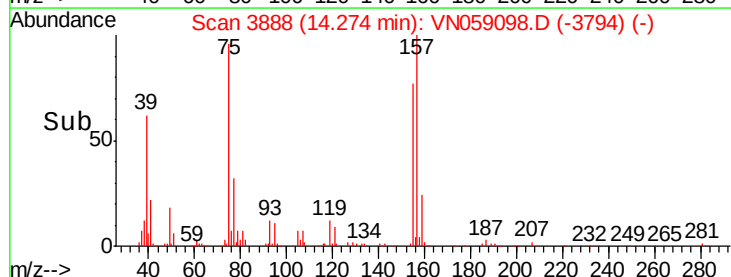
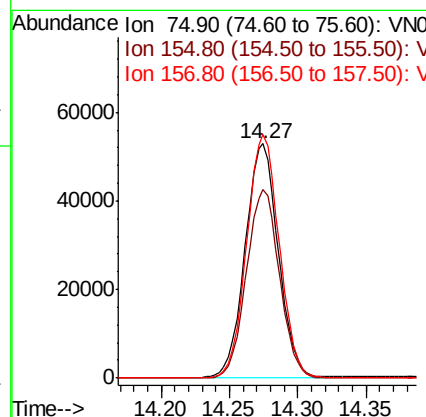
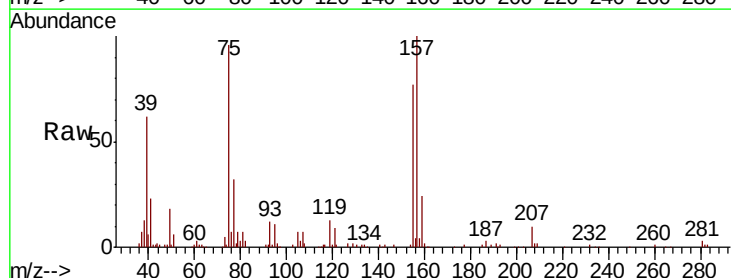
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

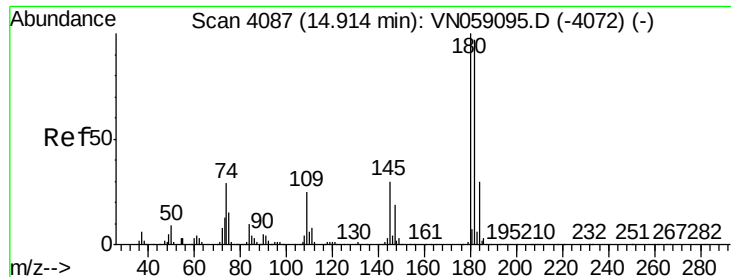
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.2	63.6
148	64.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.514 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.4	40.2	120.6
157	102.6	51.8	155.5

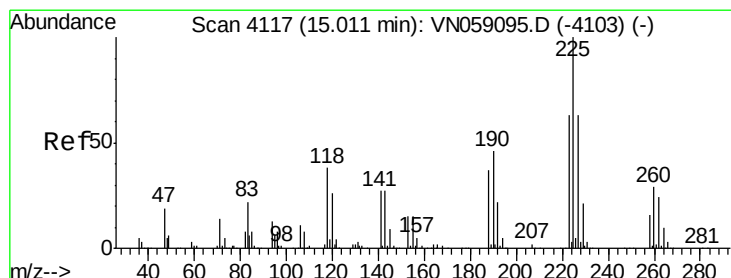
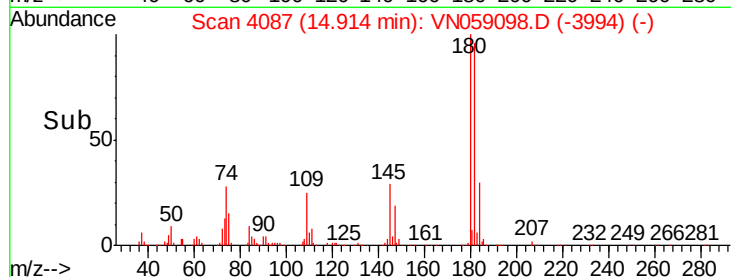
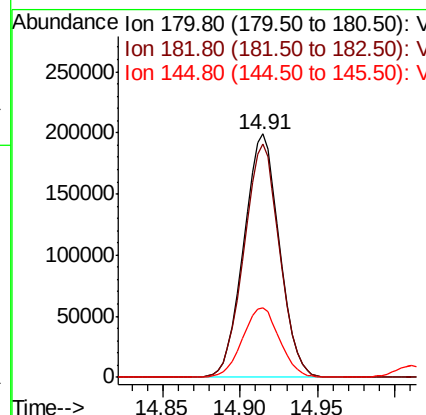
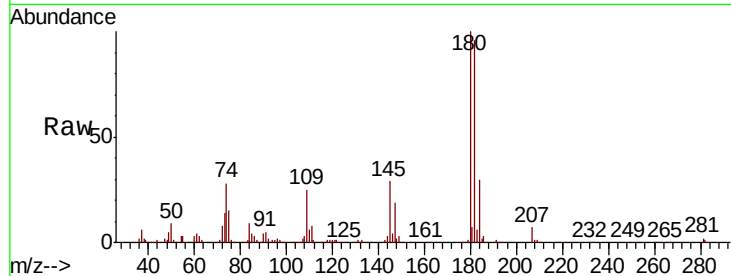




#93
 1,2,4-Trichlorobenzene
 Concen: 47.296 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

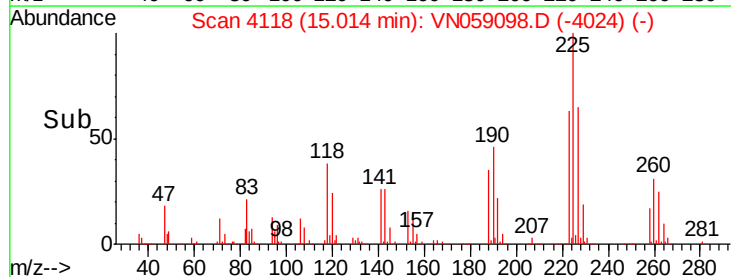
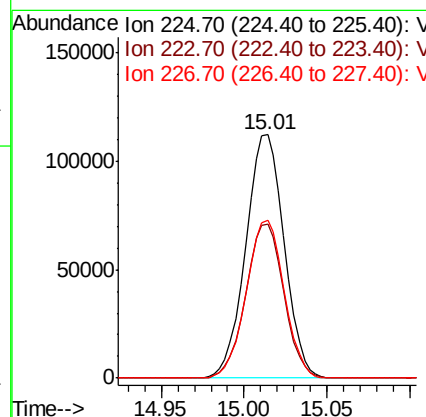
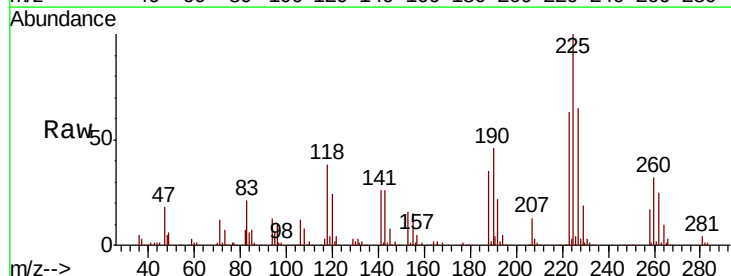
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110619

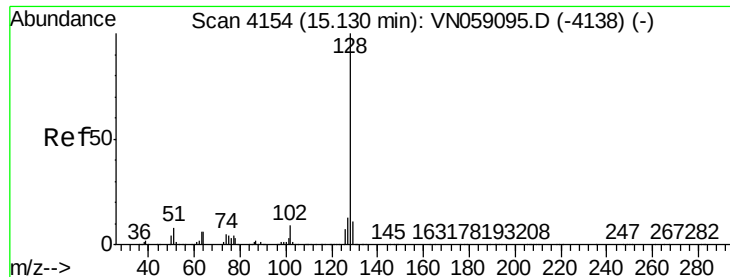
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	29.7	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 46.994 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059098.D
 Acq: 6 Nov 2019 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.9
227	64.0	31.5	94.5





#95

Naphthalene

Concen: 47.735 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110619

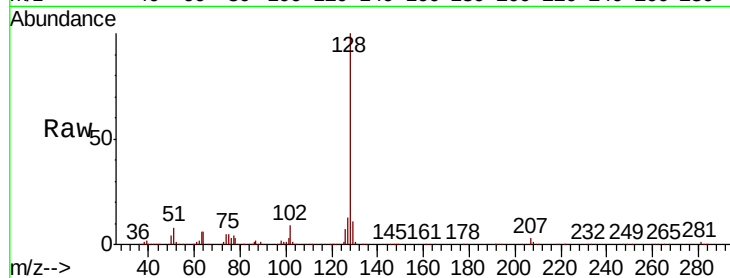
Tot Ion:128 Resp: 892474

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

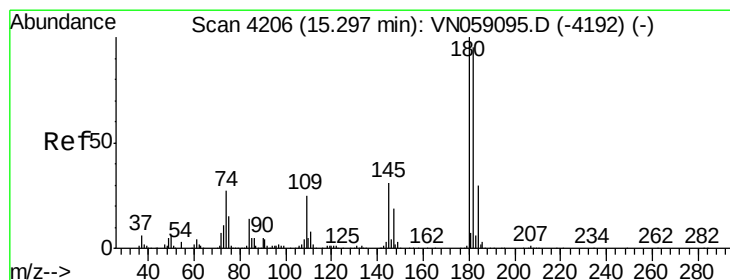
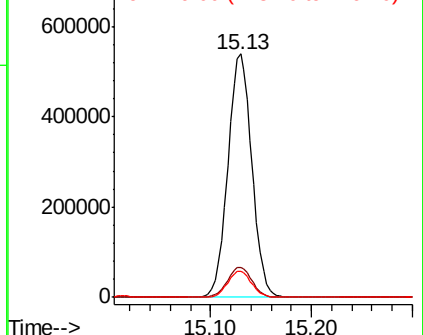
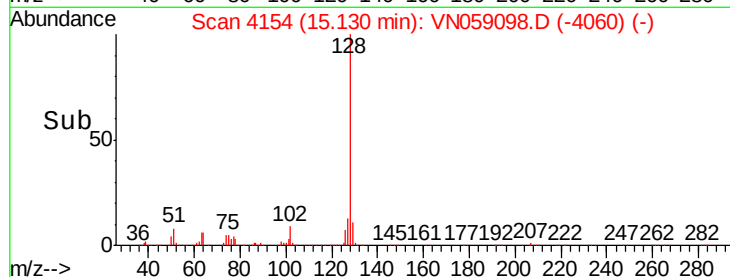
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.309 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. -0.00 min

Lab File: VN059098.D

Acq: 6 Nov 2019 11:29

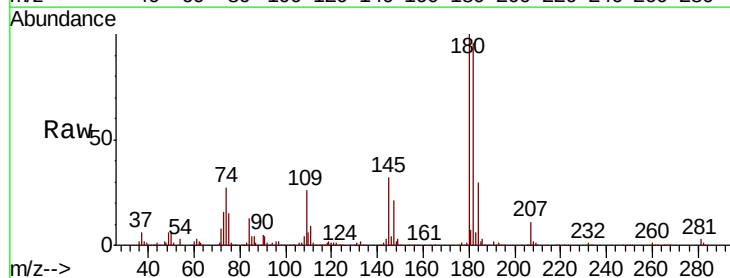
Tgt Ion:180 Resp: 314122

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.8

145 31.6 15.8 47.3



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

