

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111519\
 Data File : VN059254.D
 Acq On : 15 Nov 2019 10:56
 Operator : JC/SP
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Quant Time: Nov 15 15:09:07 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	392239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	604270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	248848	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	245230	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
35) Dibromofluoromethane	7.57	113	197679	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	10.08	98	738930	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	12.40	95	263022	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	70712	17.893	ug/l 99
3) Chloromethane	2.04	50	95693	17.813	ug/l 98
4) Vinyl Chloride	2.17	62	96310	18.492	ug/l 99
5) Bromomethane	2.55	94	57349	19.134	ug/l 98
6) Chloroethane	2.69	64	58220	18.897	ug/l 97
7) Trichlorofluoromethane	3.00	101	126433	20.295	ug/l 98
8) Diethyl Ether	3.39	74	51784	20.458	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	75662	20.143	ug/l 99
10) Methyl Iodide	3.93	142	88584	19.053	ug/l 100
11) Tert butyl alcohol	4.75	59	94789	103.155	ug/l 99
12) 1,1-Dichloroethene	3.72	96	71944	19.662	ug/l 99
13) Acrolein	3.58	56	31206	65.868	ug/l 99
14) Allyl chloride	4.30	41	145596	19.371	ug/l 99
15) Acrylonitrile	4.96	53	249056	108.909	ug/l 99
16) Acetone	3.79	43	203290	81.078	ug/l 95
17) Carbon Disulfide	4.03	76	190041	16.731	ug/l 99
18) Methyl Acetate	4.30	43	132690	22.296	ug/l 98
19) Methyl tert-butyl Ether	5.01	73	266633	21.166	ug/l 100
20) Methylene Chloride	4.53	84	88087	20.166	ug/l 98
21) trans-1,2-Dichloroethene	5.01	96	77466	19.724	ug/l 99
22) Diisopropyl ether	5.92	45	299522	21.098	ug/l 95
23) Vinyl Acetate	5.87	43	1214503	110.383	ug/l 100
24) 1,1-Dichloroethane	5.82	63	165059	20.817	ug/l 98
25) 2-Butanone	6.81	43	328128	99.296	ug/l 99
26) 2,2-Dichloropropane	6.80	77	136758	19.725	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	93796	20.585	ug/l 99
28) Bromochloromethane	7.17	49	47591	19.950	ug/l 99
29) Tetrahydrofuran	7.19	42	224682	107.007	ug/l 99
30) Chloroform	7.35	83	162621	21.380	ug/l 96
31) Cyclohexane	7.63	56	138426	18.441	ug/l 97
32) 1,1,1-Trichloroethane	7.55	97	133874	20.934	ug/l 100
36) 1,1-Dichloropropene	7.77	75	113968	20.178	ug/l 100
37) Ethyl Acetate	6.90	43	134968	21.480	ug/l 99
38) Carbon Tetrachloride	7.75	117	115551	20.554	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	127091	19.388	ug/l	99
40) Benzene	8.02	78	354529	20.844	ug/l	99
41) Methacrylonitrile	7.19	41	195414	71.520	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	123836	21.228	ug/l	100
43) Isopropyl Acetate	8.15	43	211403	21.104	ug/l	99
44) Trichloroethene	8.82	130	85914	20.549	ug/l	100
45) 1,2-Dichloropropane	9.10	63	98603	21.343	ug/l	99
46) Dibromomethane	9.19	93	59159	20.550	ug/l	97
47) Bromodichloromethane	9.39	83	121538	21.142	ug/l	96
48) Methyl methacrylate	9.18	41	90329	20.159	ug/l	98
49) 1,4-Dioxane	9.18	88	33295	418.126	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	672104	118.577	ug/l	99
52) Toluene	10.15	92	214965	21.086	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	137521	20.706	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	149957	20.990	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	89053	21.585	ug/l	99
56) Ethyl methacrylate	10.42	69	129429	19.977	ug/l	98
57) 1,3-Dichloropropane	10.70	76	152244	21.440	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	261873	114.051	ug/l	100
59) 2-Hexanone	10.74	43	479111	110.128	ug/l	100
60) Dibromochloromethane	10.90	129	93390	21.409	ug/l	100
61) 1,2-Dibromoethane	11.00	107	88123	21.099	ug/l	99
64) Tetrachloroethene	10.63	164	76785	20.675	ug/l	97
65) Chlorobenzene	11.43	112	228973	21.505	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87069	21.800	ug/l	100
67) Ethyl Benzene	11.51	91	402482	21.306	ug/l	98
68) m/p-Xylenes	11.62	106	295318	41.734	ug/l	99
69) o-Xylene	11.95	106	145361	21.256	ug/l	97
70) Styrene	11.96	104	225436	20.961	ug/l	99
71) Bromoform	12.12	173	66156	21.295	ug/l #	98
73) Isopropylbenzene	12.25	105	387212	21.391	ug/l	100
74) N-amyl acetate	12.07	43	157705	20.561	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	137612	22.324	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	177438	31.319	ug/l #	100
77) Bromobenzene	12.53	156	94488	20.777	ug/l	99
78) n-propylbenzene	12.59	91	441117	21.283	ug/l	100
79) 2-Chlorotoluene	12.67	91	267598	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	323614	21.099	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44524	20.757	ug/l	99
82) 4-Chlorotoluene	12.77	91	265726	20.606	ug/l	99
83) tert-Butylbenzene	12.99	119	282925	21.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	318955	21.494	ug/l	100
85) sec-Butylbenzene	13.17	105	371762	21.581	ug/l	100
86) p-Isopropyltoluene	13.29	119	327552	21.534	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	162757	20.899	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	161882	20.776	ug/l	100
89) n-Butylbenzene	13.62	91	268956	20.203	ug/l	99
90) Hexachloroethane	13.88	117	62366	20.419	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	164536	21.477	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27045	22.005	ug/l	94

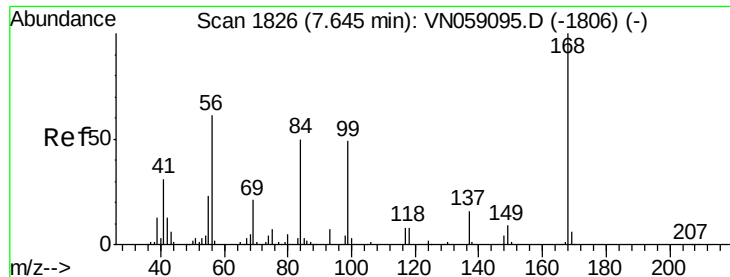
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	83680	19.953	ug/l	99
94) Hexachlorobutadiene	15.01	225	55541	21.026	ug/l	99
95) Naphthalene	15.13	128	222333	19.236	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	85905	20.009	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

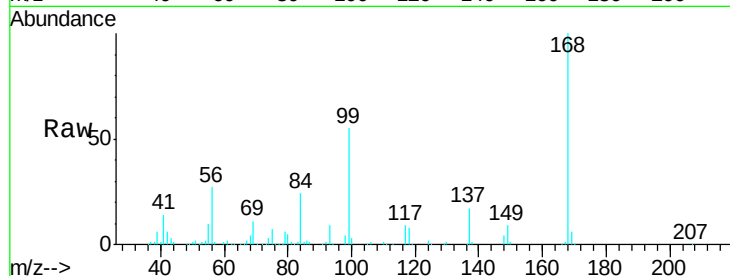
VN1115WBSD01

Tgt Ion:168 Resp: 392239

Ion Ratio Lower Upper

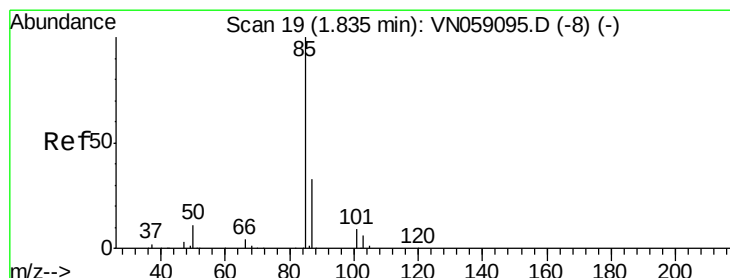
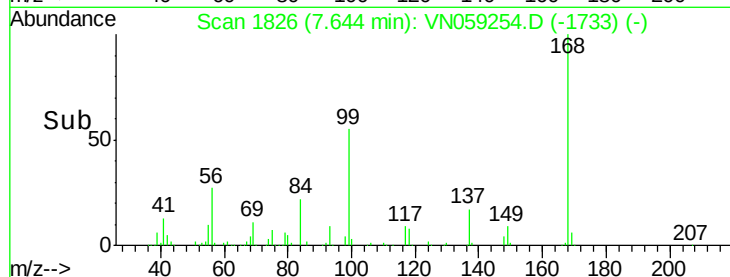
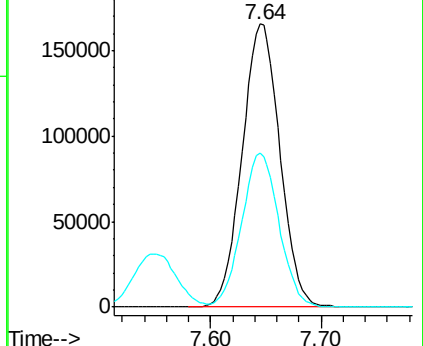
168 100

99 54.4 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.893 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059254.D

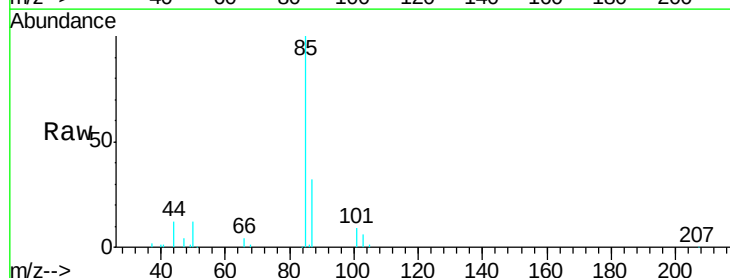
Acq: 15 Nov 2019 10:56

Tgt Ion: 85 Resp: 70712

Ion Ratio Lower Upper

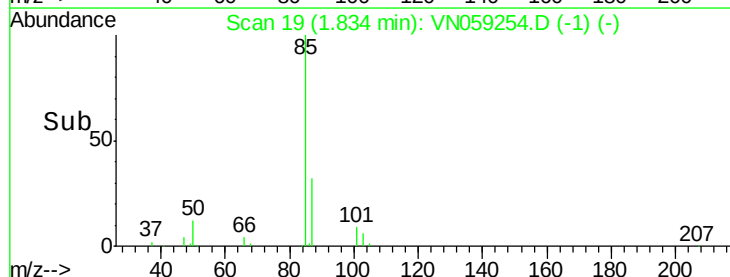
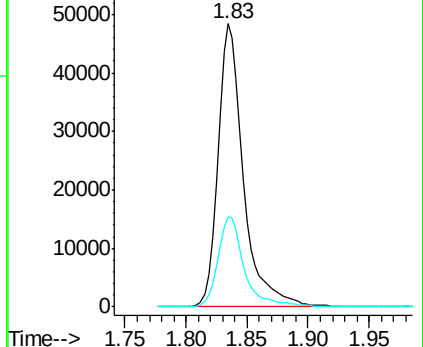
85 100

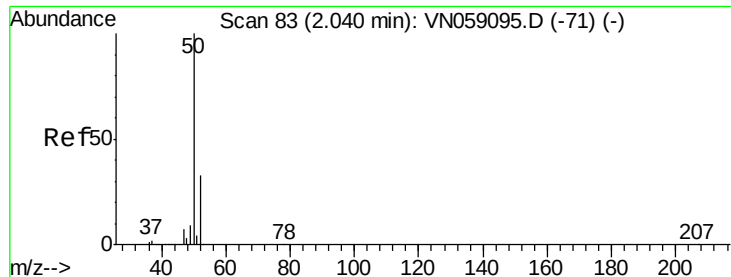
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.813 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

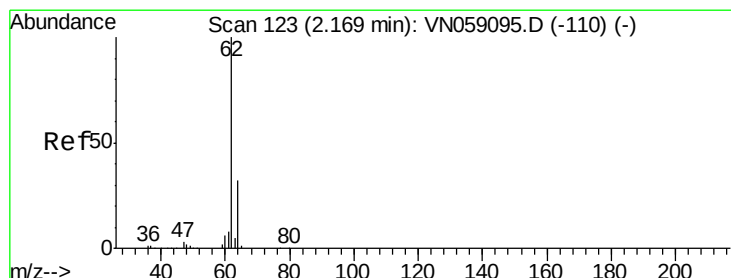
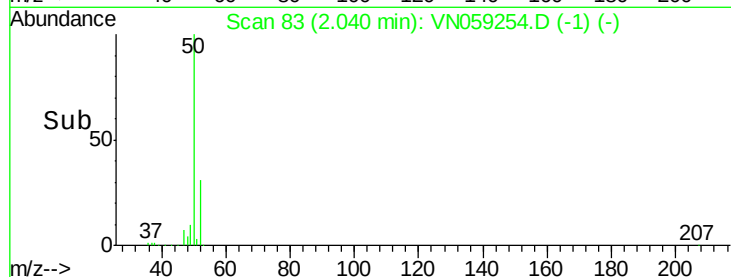
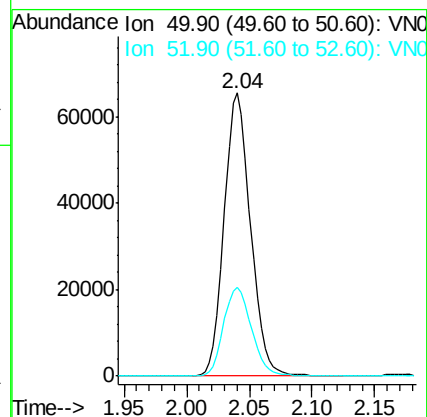
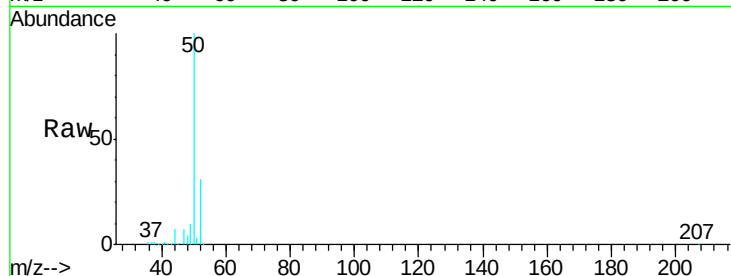
VN1115WBSD01

Tgt Ion: 50 Resp: 95693

Ion Ratio Lower Upper

50 100

52 31.3 26.0 39.0



#4

Vinyl Chloride

Concen: 18.492 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059254.D

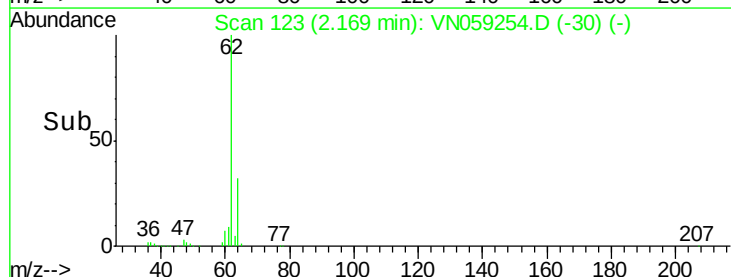
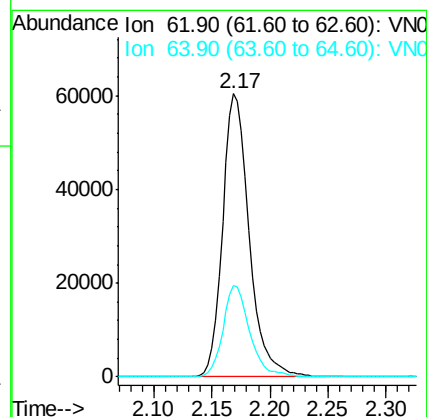
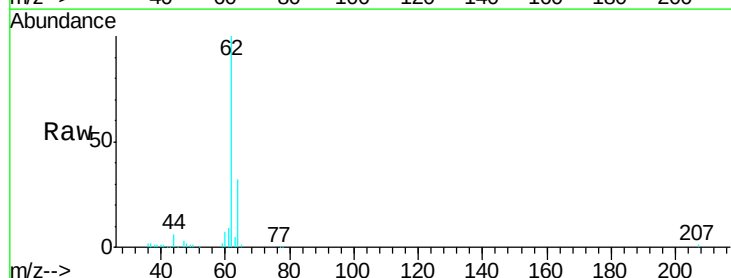
Acq: 15 Nov 2019 10:56

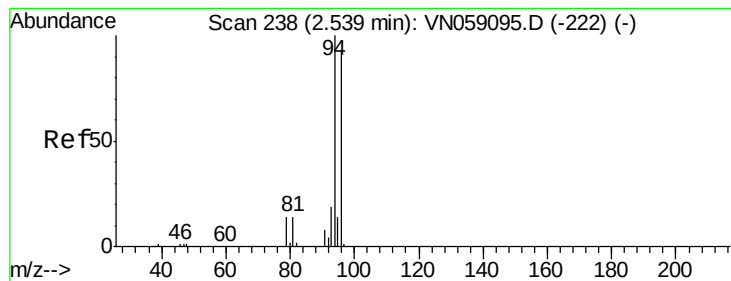
Tgt Ion: 62 Resp: 96310

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 19.134 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

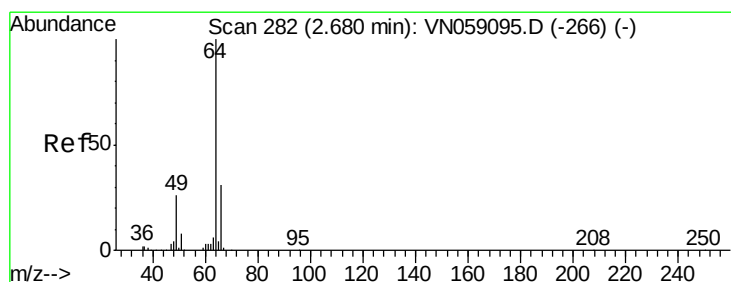
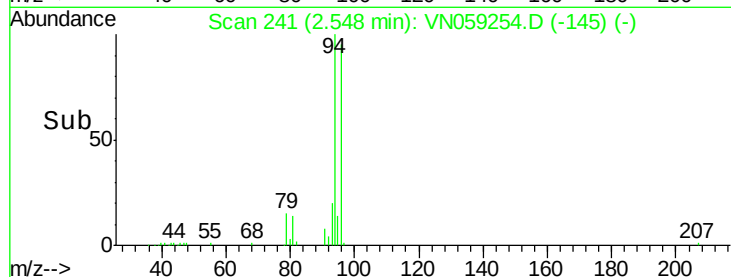
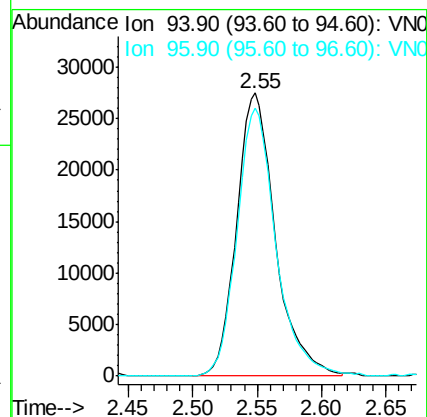
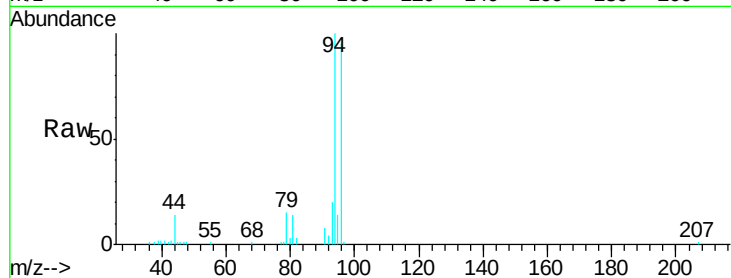
VN1115WBSD01

Tgt Ion: 94 Resp: 57349

Ion Ratio Lower Upper

94 100

96 94.8 74.2 111.2



#6

Chloroethane

Concen: 18.897 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059254.D

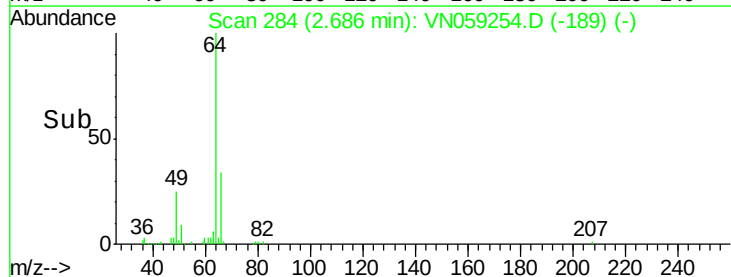
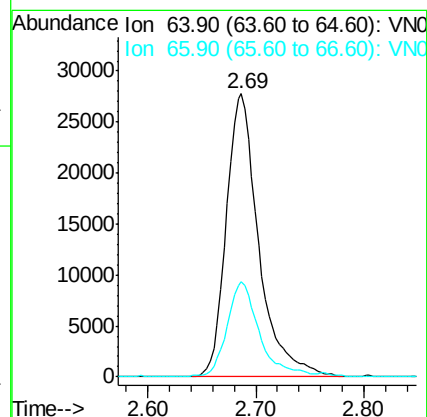
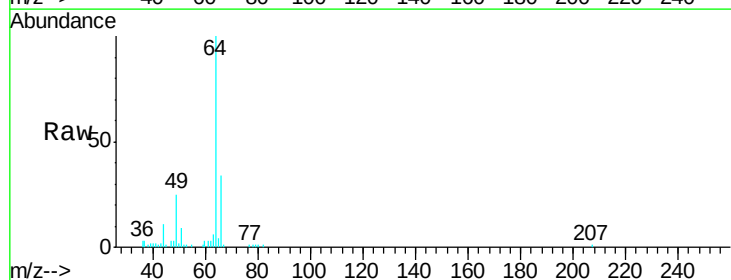
Acq: 15 Nov 2019 10:56

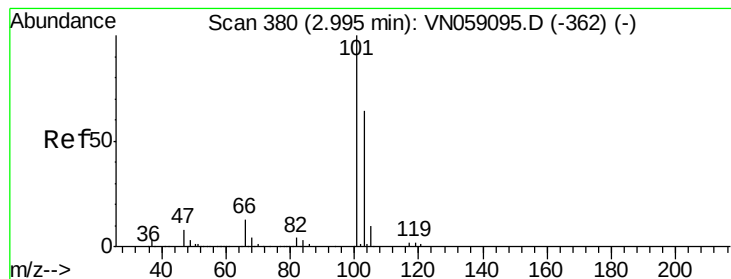
Tgt Ion: 64 Resp: 58220

Ion Ratio Lower Upper

64 100

66 33.0 25.2 37.8



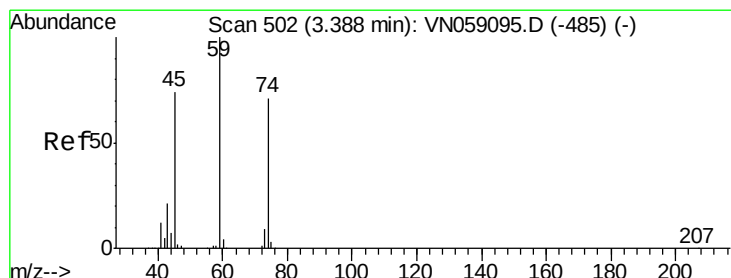
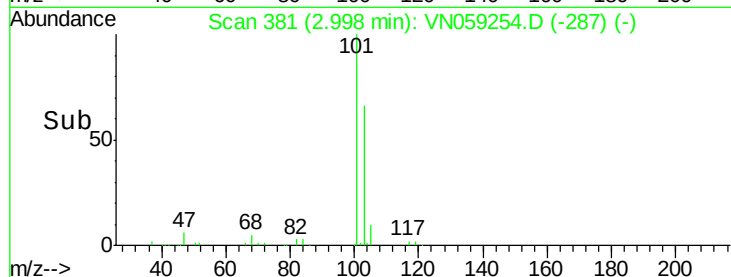
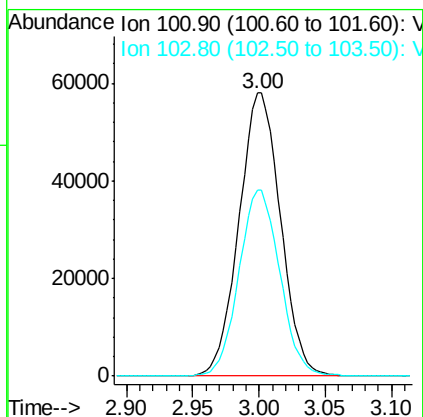
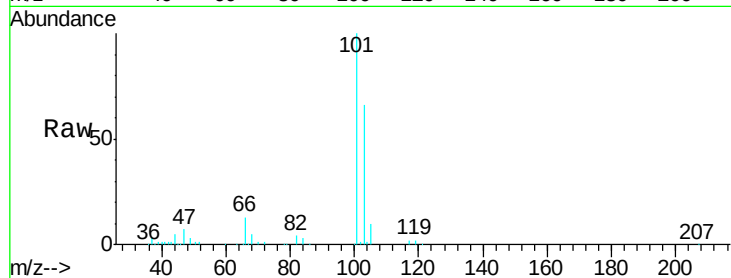


#7

Trichlorofluoromethane
 Concen: 20.295 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Instrument :
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 VN1115WBSD01

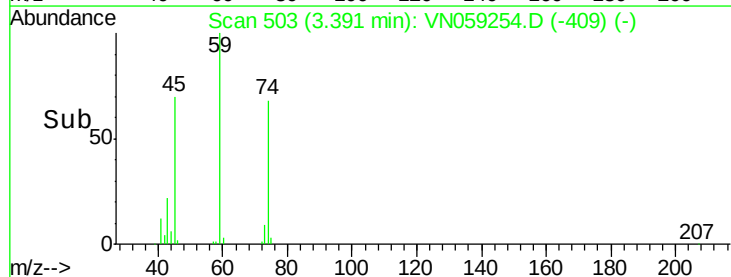
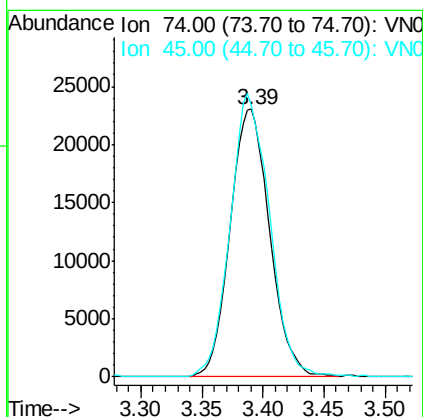
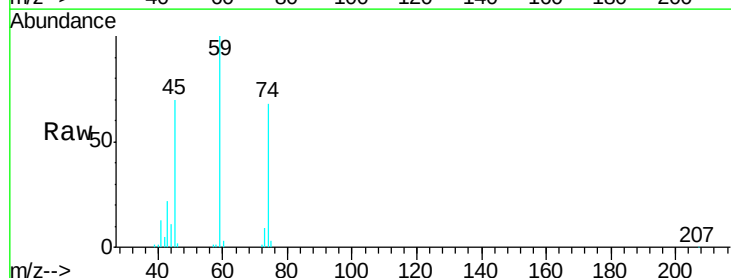
Tgt Ion:101 Resp: 126433
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.2 76.8

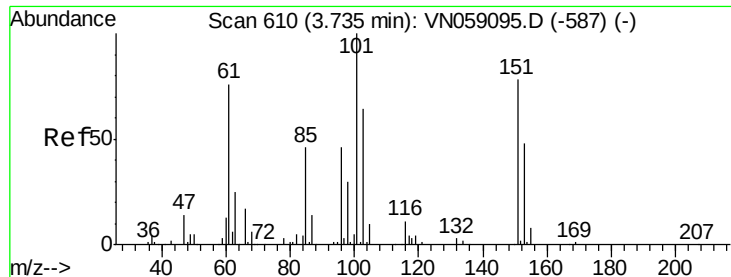


#8

Diethyl Ether
 Concen: 20.458 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion: 74 Resp: 51784
 Ion Ratio Lower Upper
 74 100
 45 105.4 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.143 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

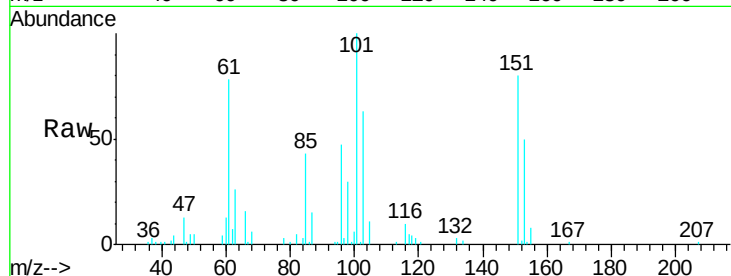
Tgt Ion:101 Resp: 75662

Ion Ratio Lower Upper

101 100

85 43.5 35.5 53.3

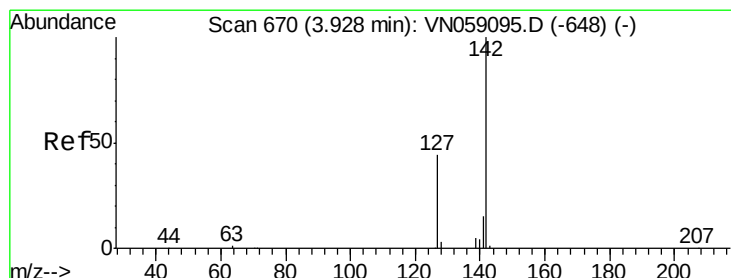
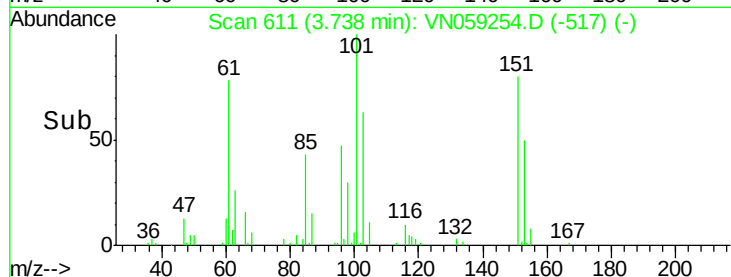
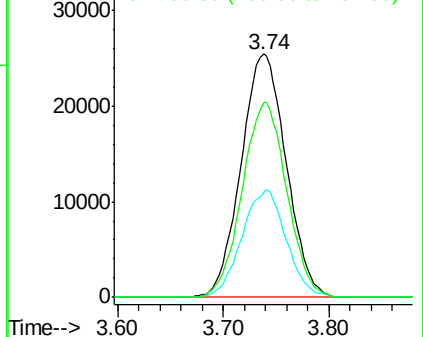
151 79.0 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.053 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

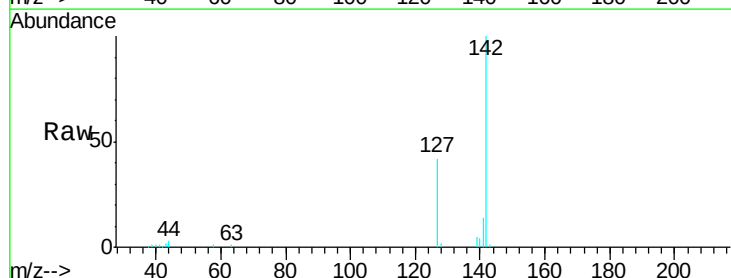
Tgt Ion:142 Resp: 88584

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

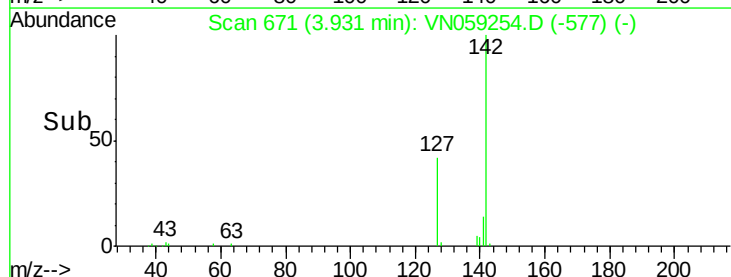
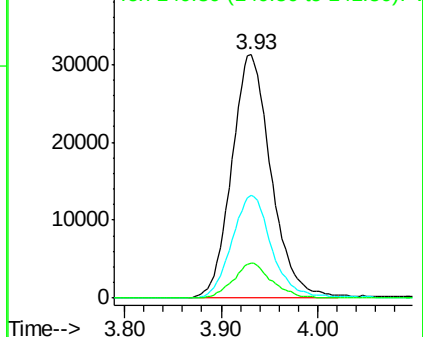
141 14.0 11.4 17.0

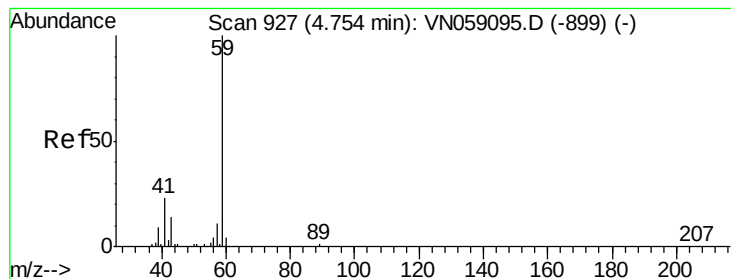


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



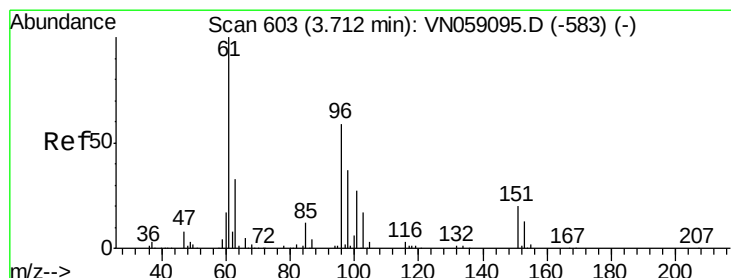
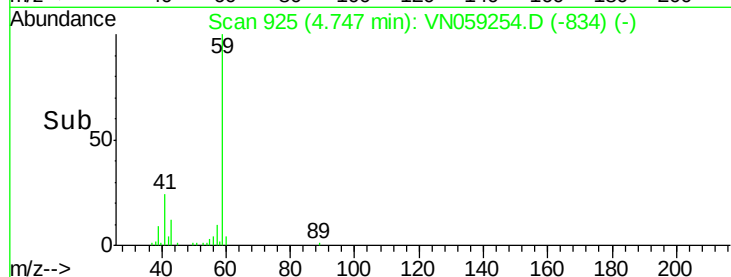
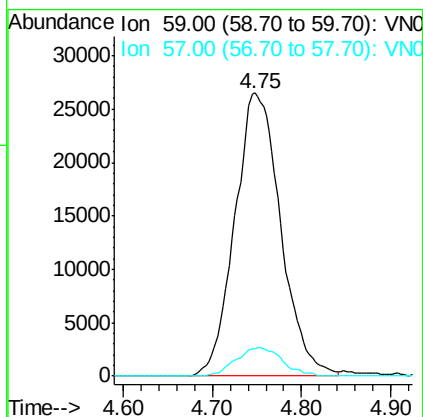
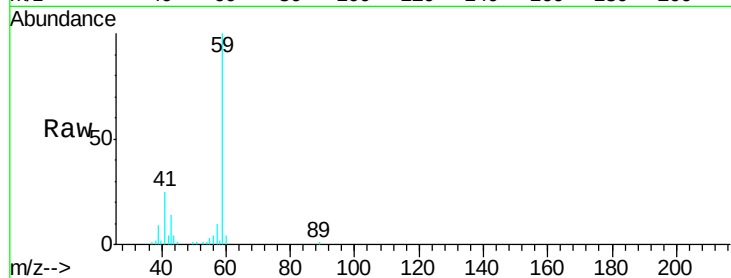


#11

Tert butyl alcohol
 Concen: 103.155 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

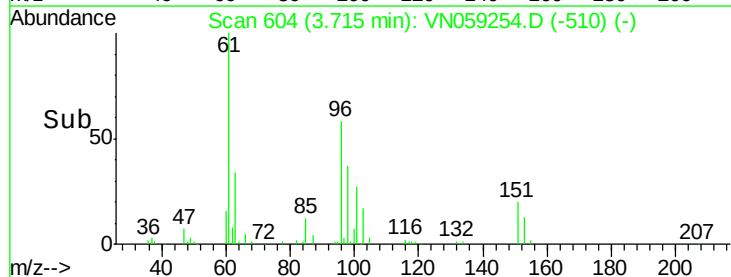
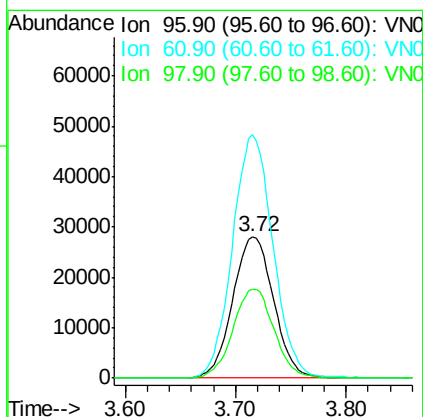
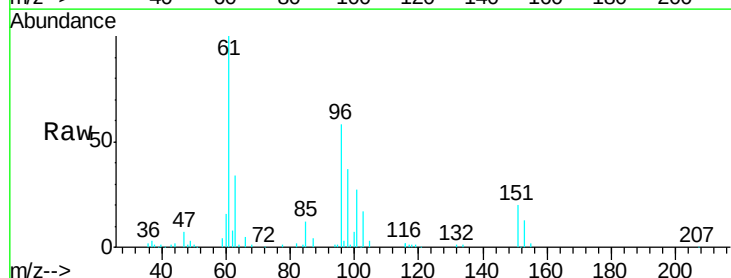
Tgt Ion: 59 Resp: 94789
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

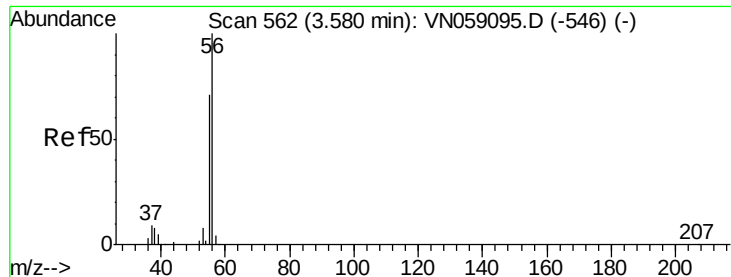


#12

1,1-Dichloroethene
 Concen: 19.662 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion: 96 Resp: 71944
 Ion Ratio Lower Upper
 96 100
 61 171.9 136.5 204.7
 98 63.1 50.2 75.4





#13

Acrolein

Concen: 65.868 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

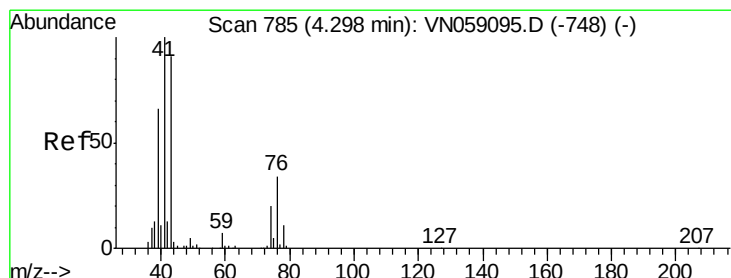
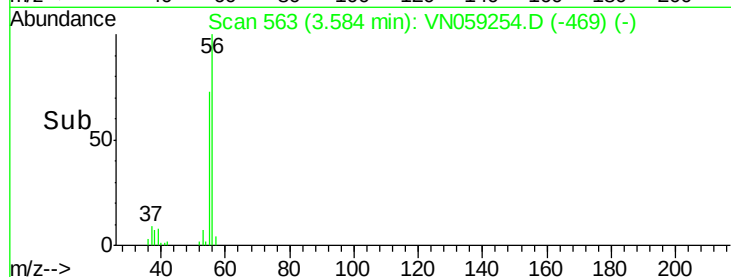
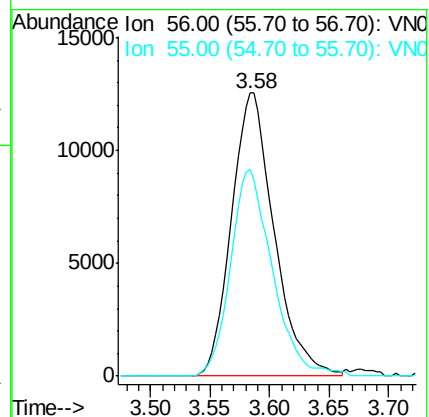
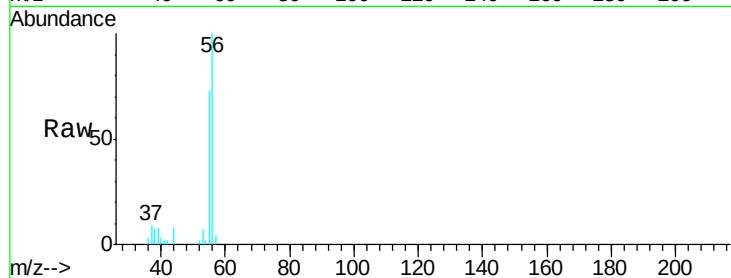
VN1115WBSD01

Tgt Ion: 56 Resp: 31206

Ion Ratio Lower Upper

56 100

55 71.4 56.4 84.6



#14

Allyl chloride

Concen: 19.371 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

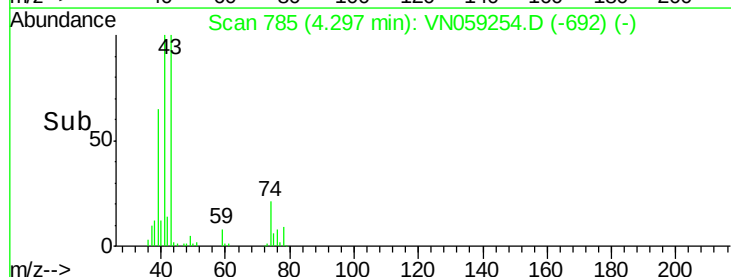
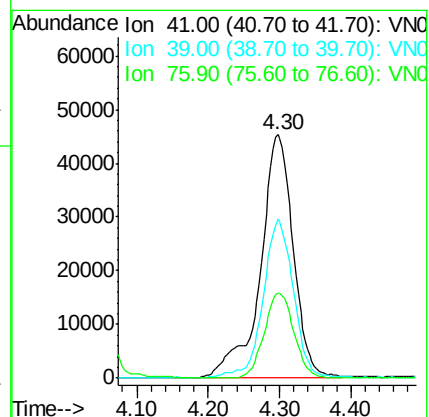
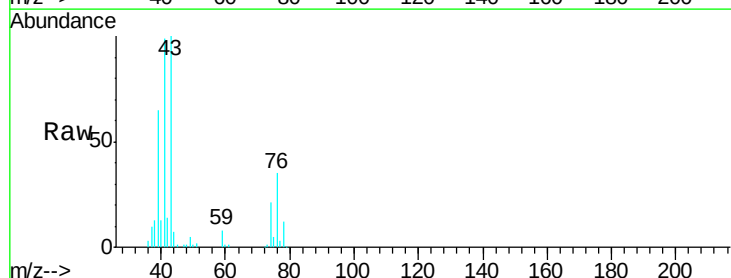
Tgt Ion: 41 Resp: 145596

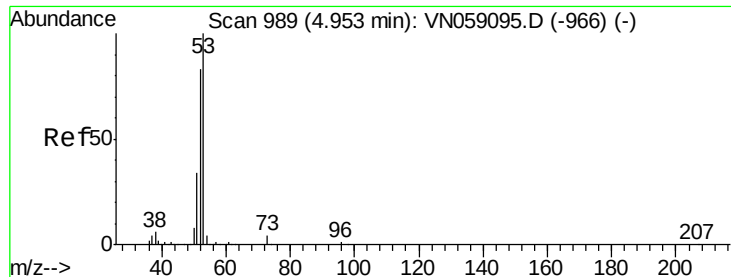
Ion Ratio Lower Upper

41 100

39 60.1 49.1 73.7

76 31.4 24.9 37.3





#15

Acrylonitrile

Concen: 108.909 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

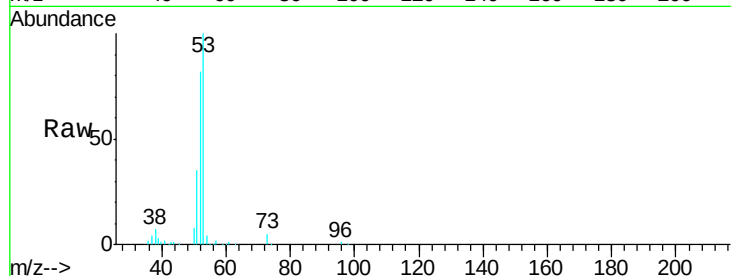
Tgt Ion: 53 Resp: 249056

Ion Ratio Lower Upper

53 100

52 82.5 65.0 97.6

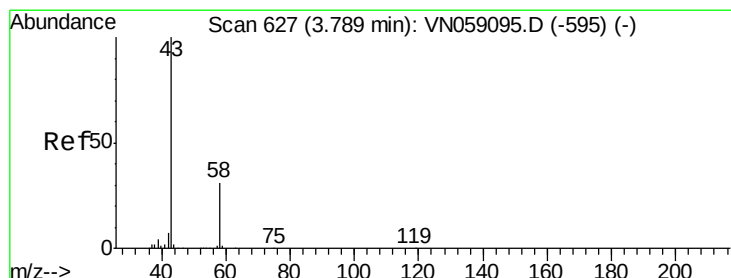
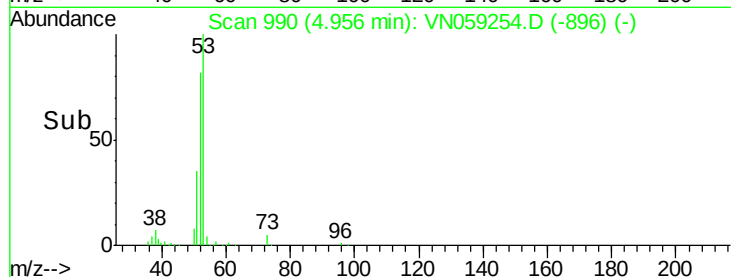
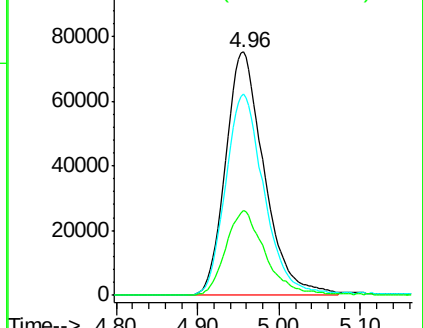
51 35.8 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059095.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059095.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059095.D (-966) (-)



#16

Acetone

Concen: 81.078 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059254.D

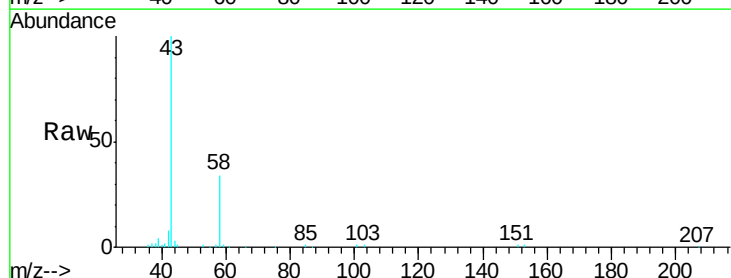
Acq: 15 Nov 2019 10:56

Tgt Ion: 43 Resp: 203290

Ion Ratio Lower Upper

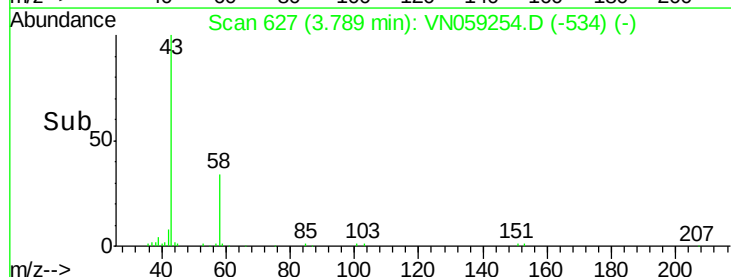
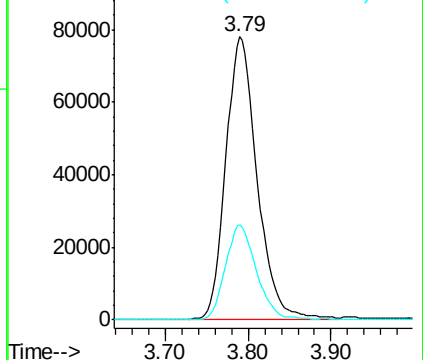
43 100

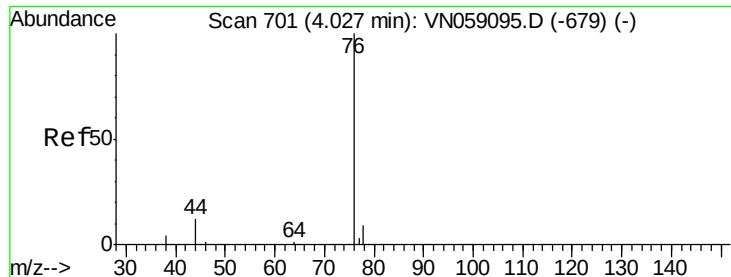
58 33.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-595) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-595) (-)





#17

Carbon Disulfide

Concen: 16.731 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

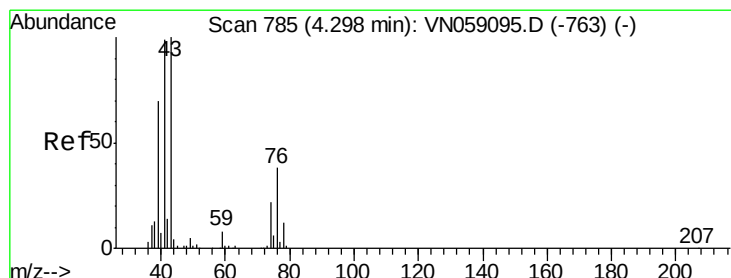
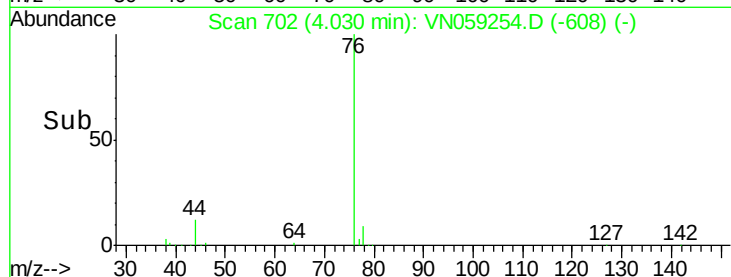
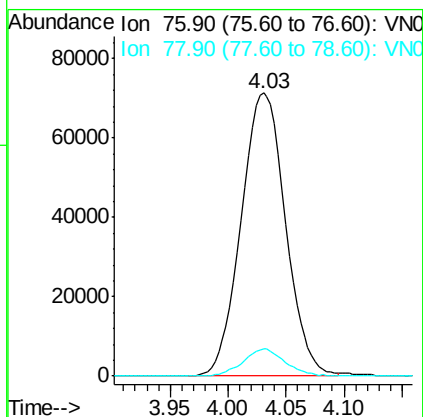
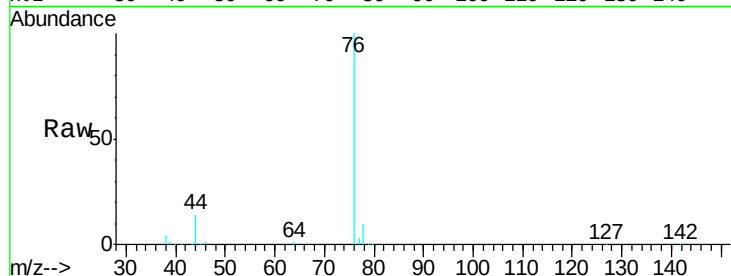
VN1115WBSD01

Tgt Ion: 76 Resp: 190041

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



#18

Methyl Acetate

Concen: 22.296 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059254.D

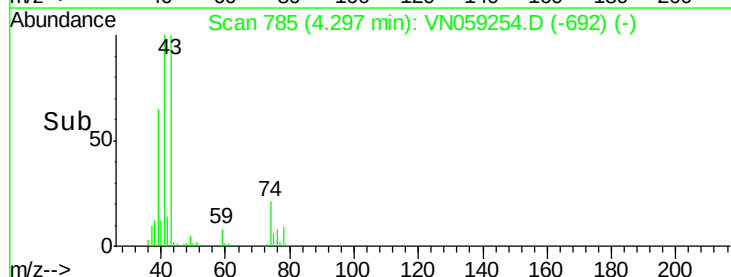
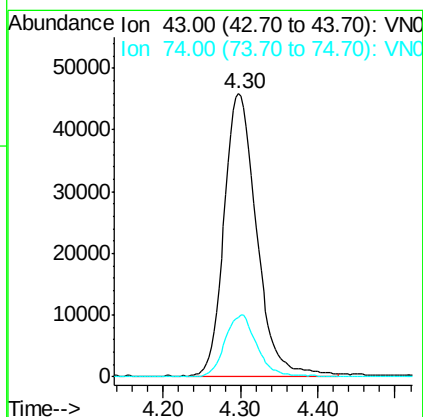
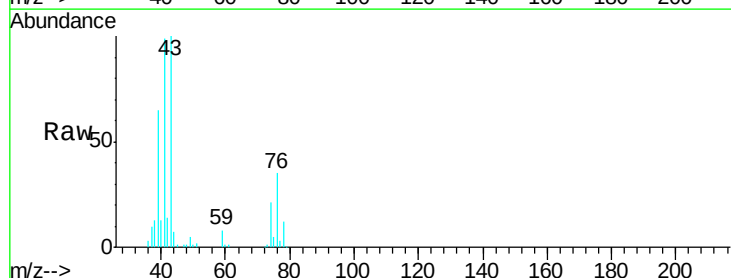
Acq: 15 Nov 2019 10:56

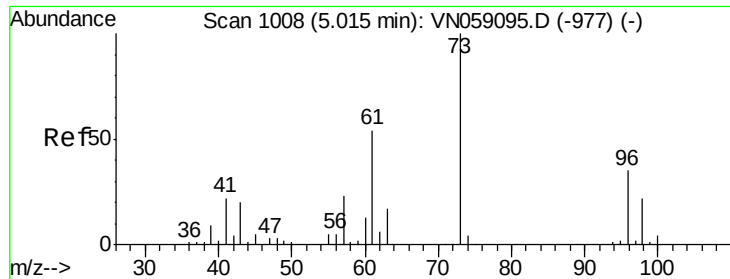
Tgt Ion: 43 Resp: 132690

Ion Ratio Lower Upper

43 100

74 21.6 17.8 26.8

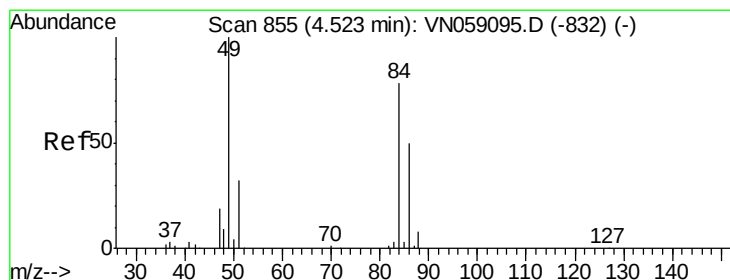
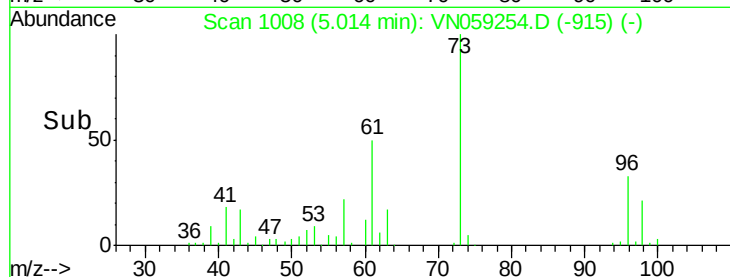
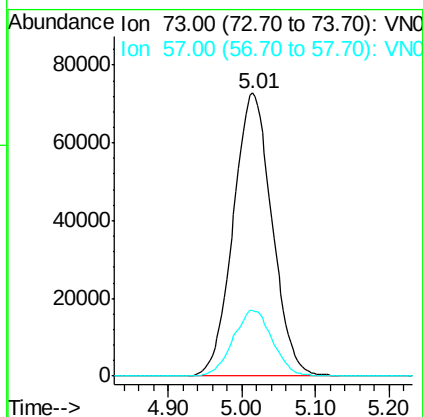
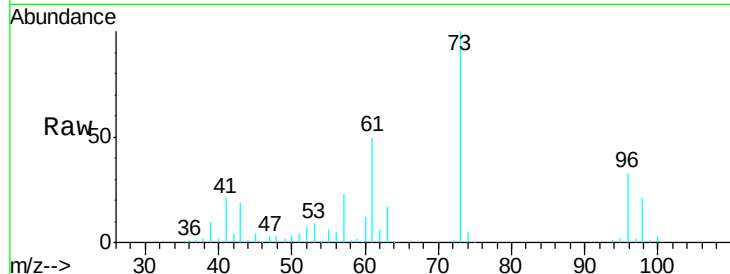




#19
Methyl tert-butyl Ether
Concen: 21.166 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

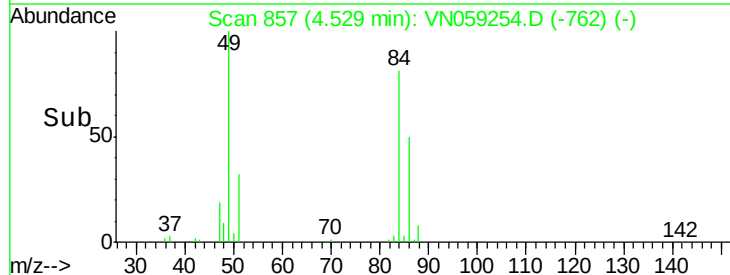
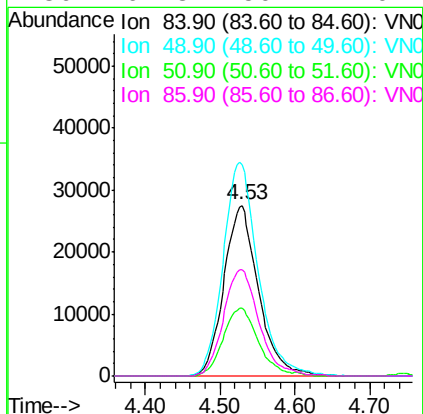
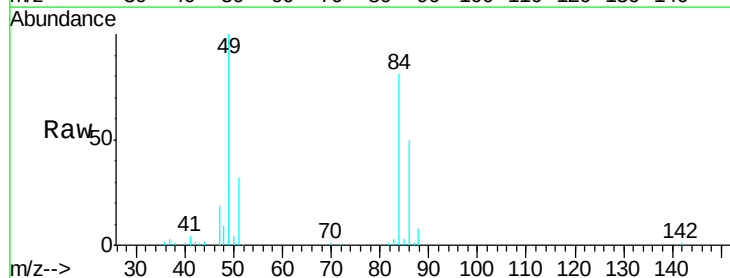
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

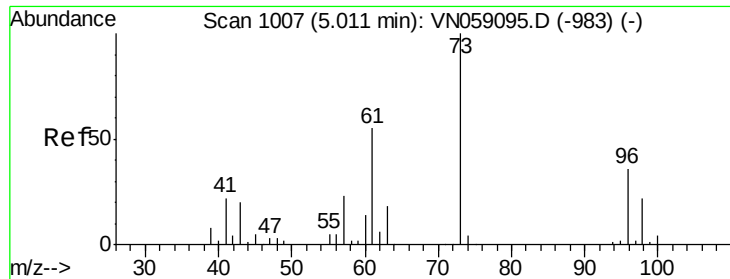
Tgt Ion: 73 Resp: 266633
Ion Ratio Lower Upper
73 100
57 23.2 18.4 27.6



#20
Methylene Chloride
Concen: 20.166 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion: 84 Resp: 88087
Ion Ratio Lower Upper
84 100
49 124.0 102.0 153.0
51 39.8 32.2 48.2
86 62.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.724 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

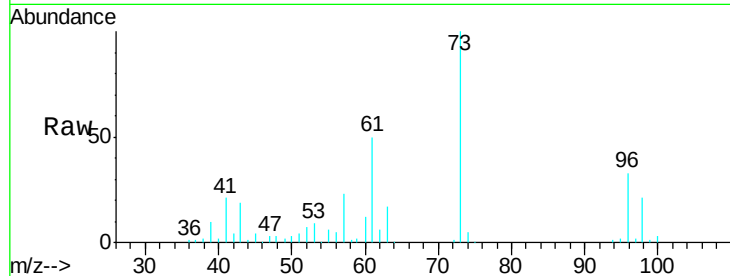
Tgt Ion: 96 Resp: 77466

Ion Ratio Lower Upper

96 100

61 152.4 122.6 183.8

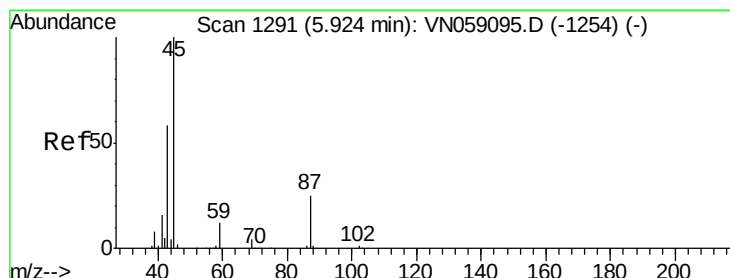
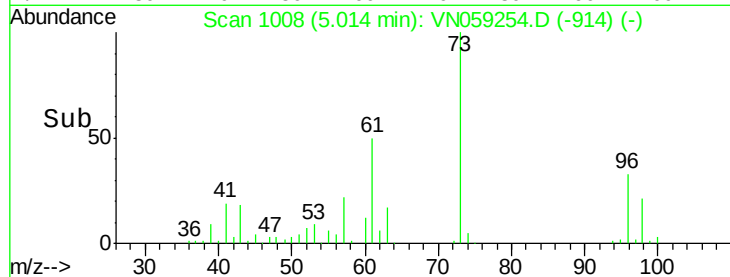
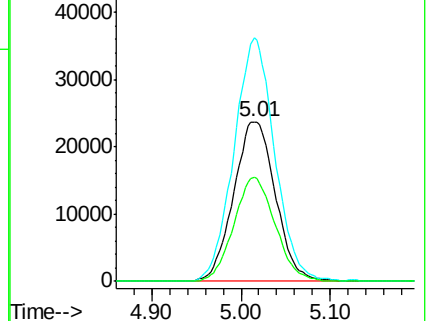
98 65.3 50.3 75.5



Abundance Ion 95.90 (95.60 to 96.60): VN059095.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN059095.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN059095.D (-983) (-)



#22

Diisopropyl ether

Concen: 21.098 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Tgt Ion: 45 Resp: 299522

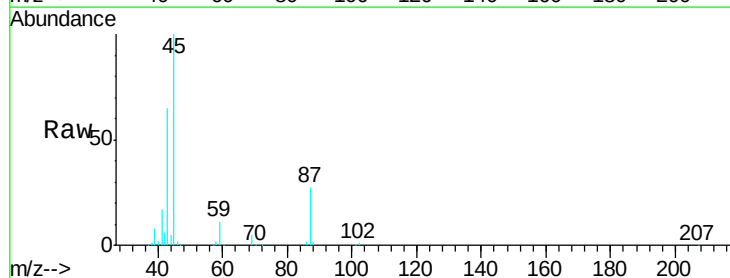
Ion Ratio Lower Upper

45 100

43 63.8 46.7 70.1

87 26.5 20.5 30.7

59 10.5 9.6 14.4

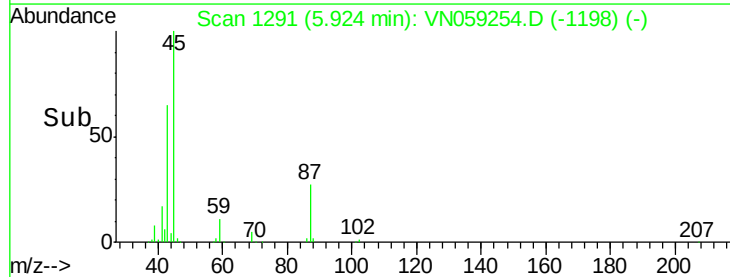
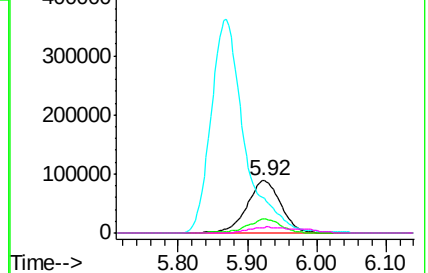


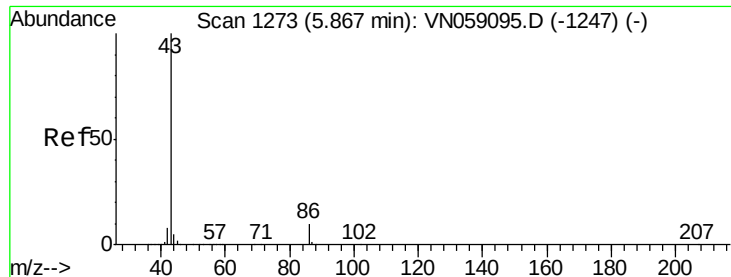
Abundance Ion 45.00 (44.70 to 45.70): VN059095.D (-1254) (-)

Ion 43.00 (42.70 to 43.70): VN059095.D (-1254) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1254) (-)

Ion 59.00 (58.70 to 59.70): VN059095.D (-1254) (-)





#23

Vinyl Acetate

Concen: 110.383 ug/l

RT: 5.87 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

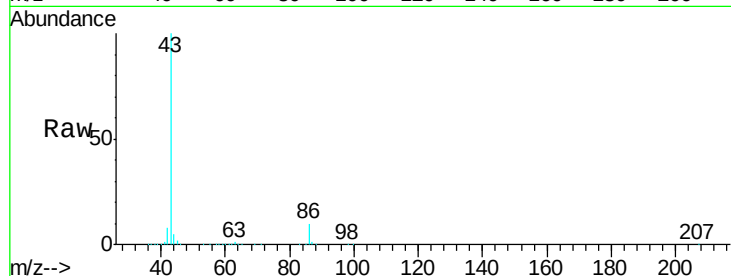
VN1115WBSD01

Tgt Ion: 43 Resp: 1214503

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN059095.D (-1247) (-)

5.87

400000

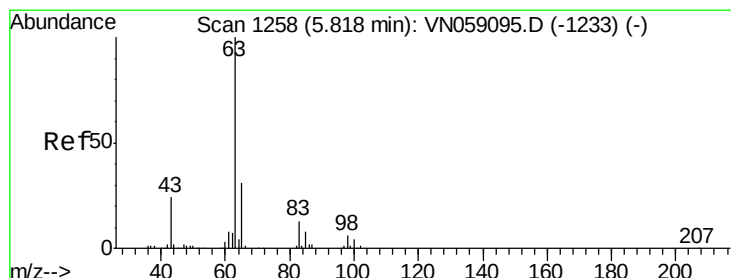
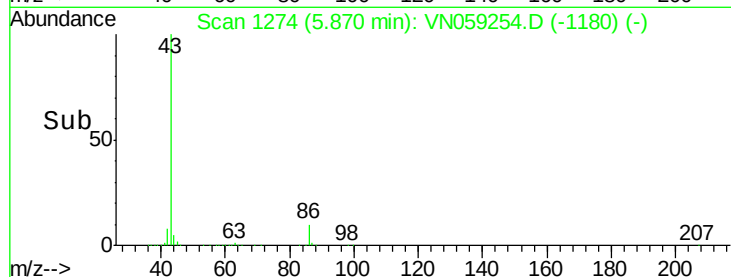
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.817 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

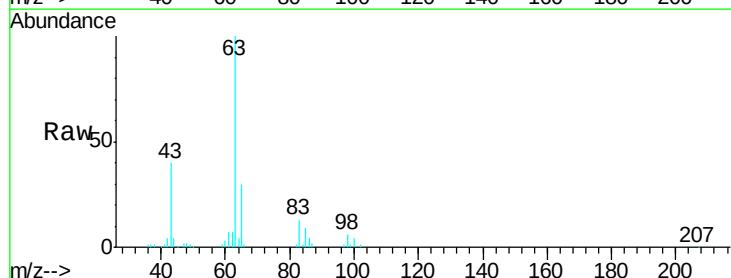
Tgt Ion: 63 Resp: 165059

Ion Ratio Lower Upper

63 100

98 6.4 2.8 8.4

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059254.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059254.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059254.D (-1165) (-)

5.82

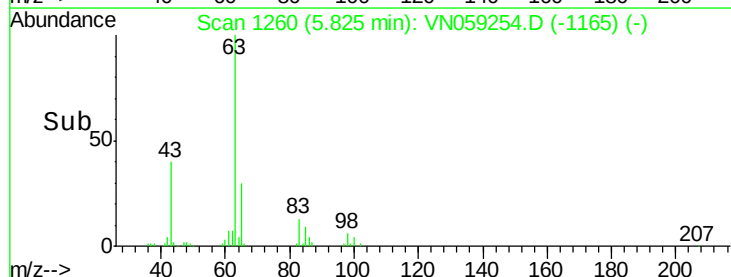
60000

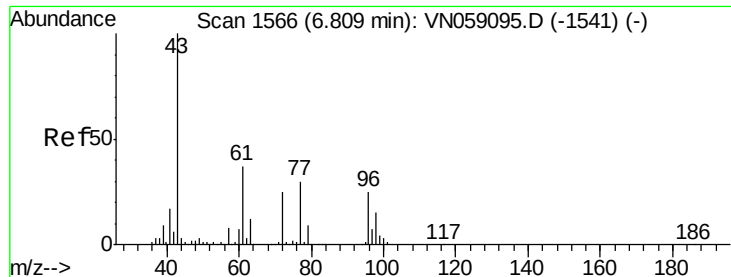
40000

20000

0

Time-->





#25

2-Butanone

Concen: 99.296 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampled :

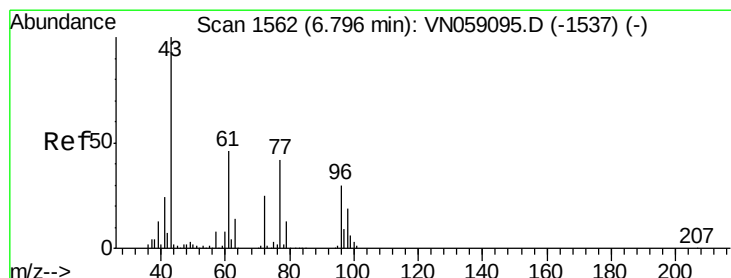
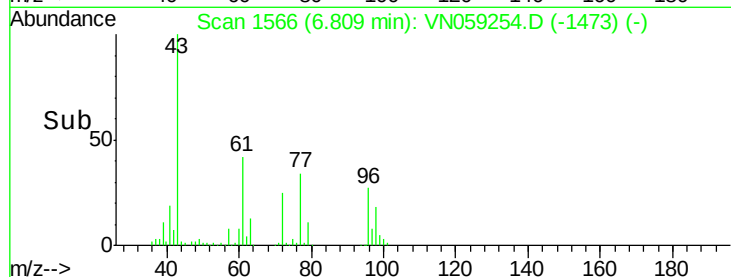
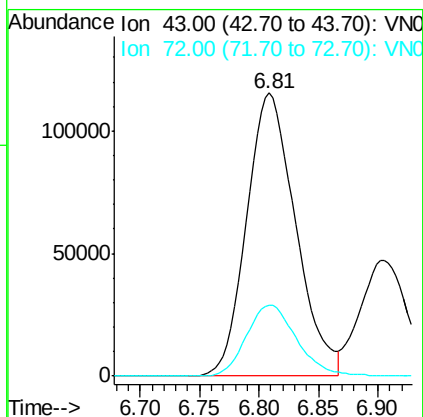
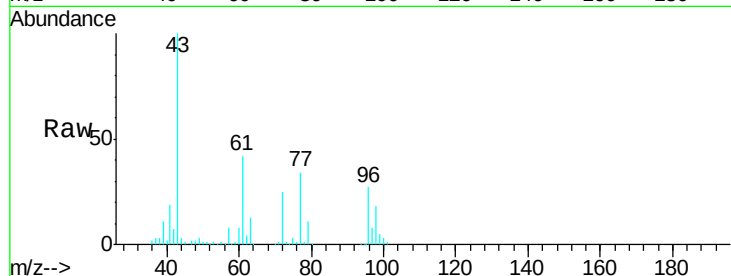
VN1115WBSD01

Tgt Ion: 43 Resp: 328128

Ion Ratio Lower Upper

43 100

72 25.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 19.725 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VN059254.D

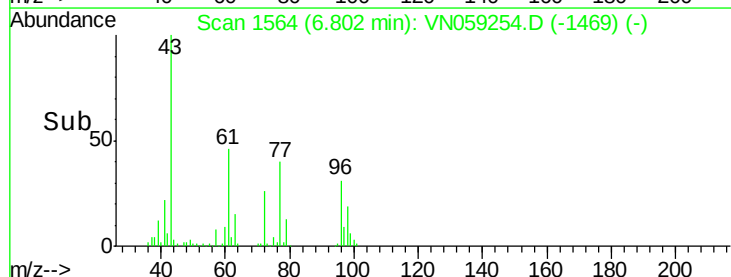
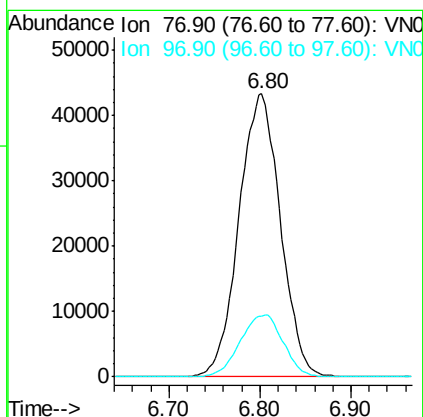
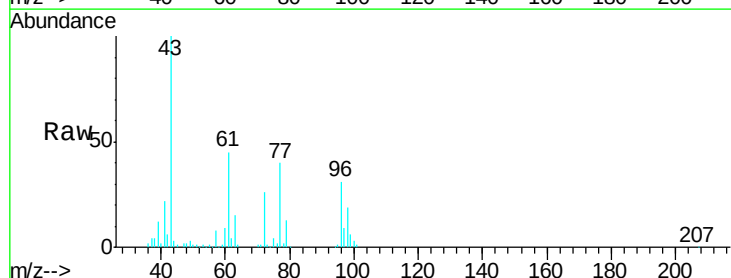
Acq: 15 Nov 2019 10:56

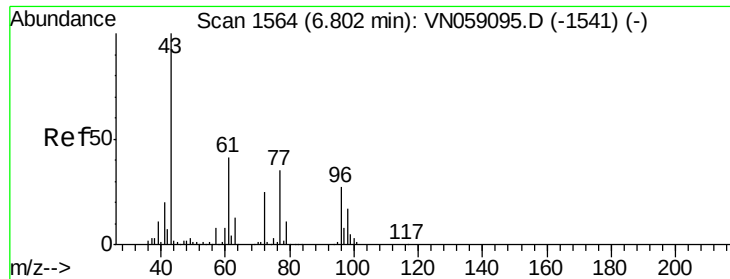
Tgt Ion: 77 Resp: 136758

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 20.585 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

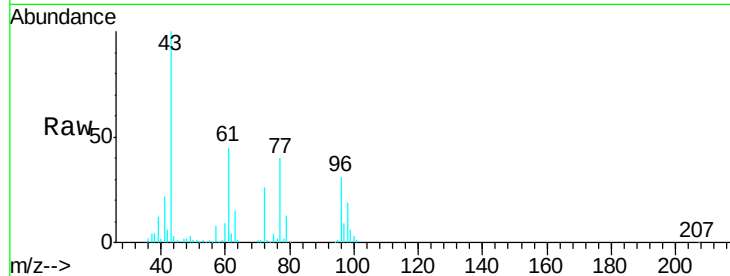
Tgt Ion: 96 Resp: 93796

Ion Ratio Lower Upper

96 100

61 155.1 0.0 311.6

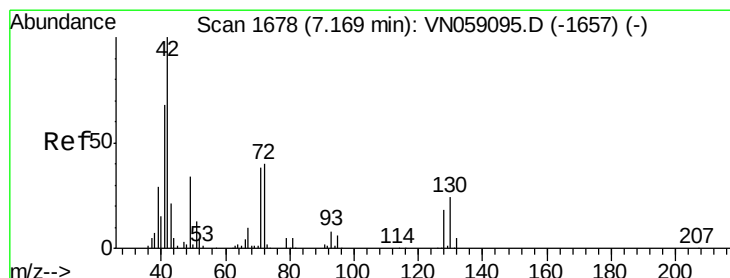
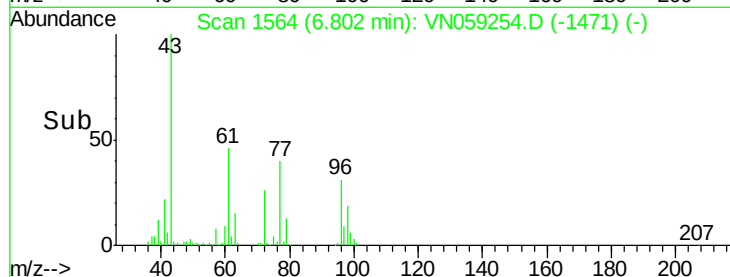
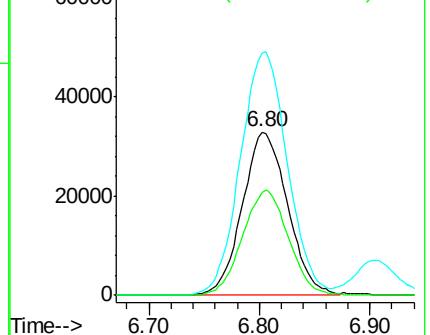
98 65.2 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059254.D (-1541) (-)

Ion 60.90 (60.60 to 61.60): VN059254.D (-1541) (-)

Ion 97.90 (97.60 to 98.60): VN059254.D (-1541) (-)



#28

Bromochloromethane

Concen: 19.950 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

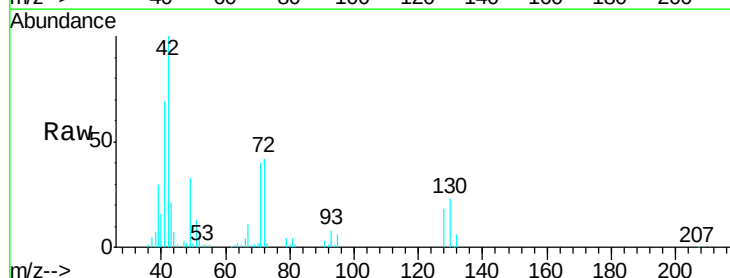
Tgt Ion: 49 Resp: 47591

Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.8

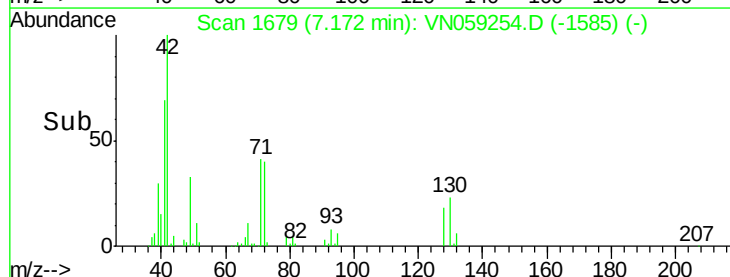
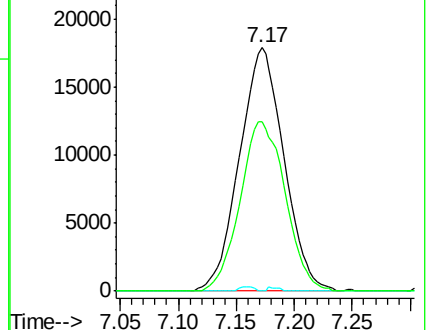
130 70.6 55.6 83.4

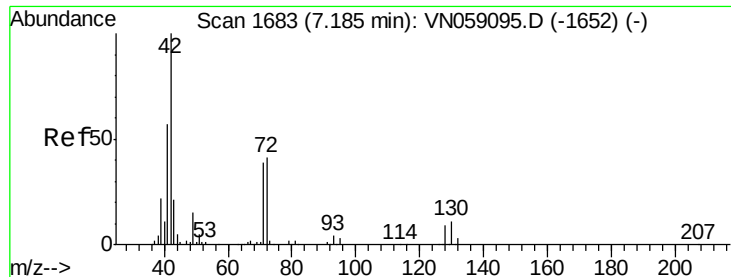


Abundance Ion 48.90 (48.60 to 49.60): VN059254.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059254.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059254.D (-1657) (-)





#29

Tetrahydrofuran

Concen: 107.007 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

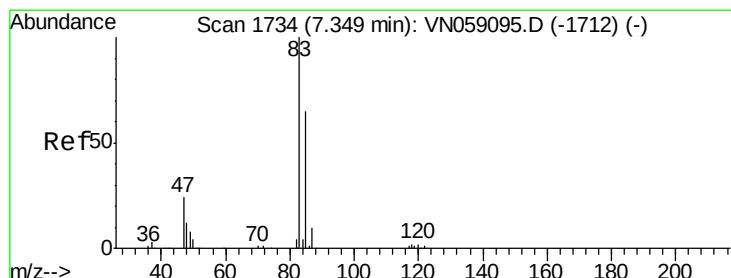
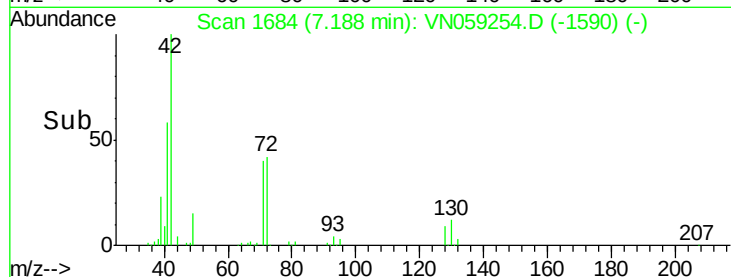
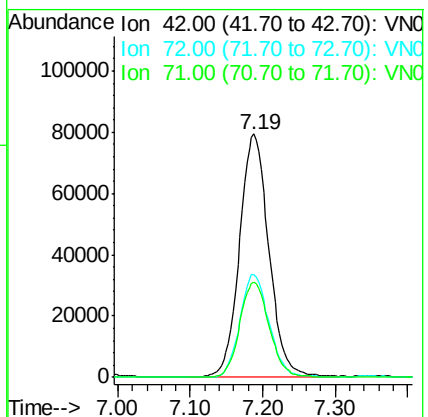
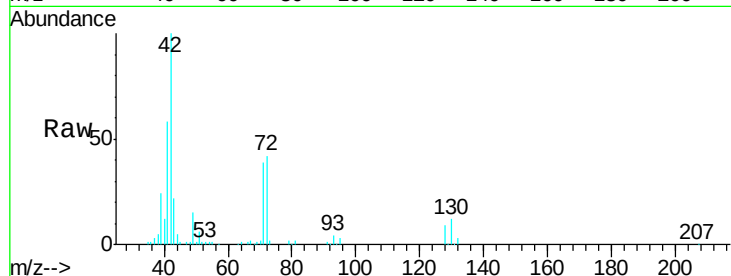
Tgt Ion: 42 Resp: 224682

Ion Ratio Lower Upper

42 100

72 41.7 33.1 49.7

71 39.1 30.9 46.3



#30

Chloroform

Concen: 21.380 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN059254.D

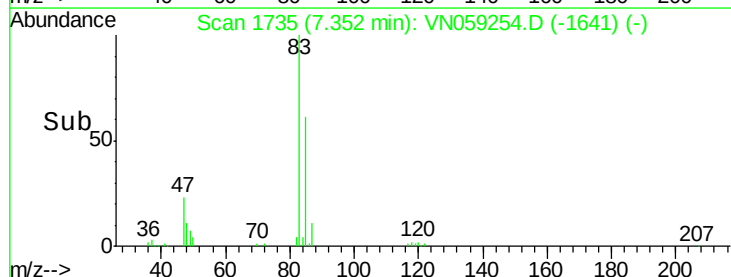
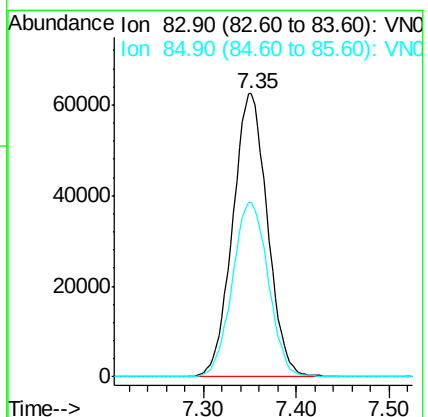
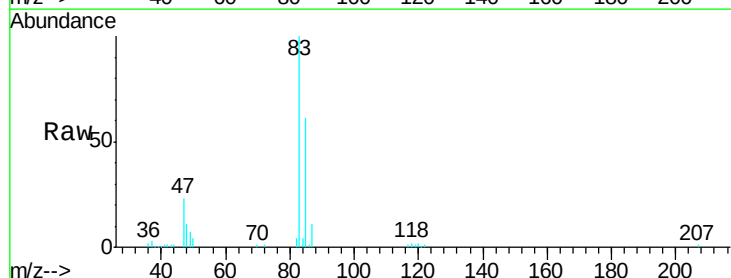
Acq: 15 Nov 2019 10:56

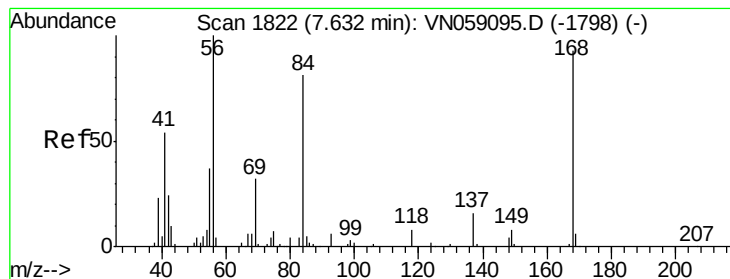
Tgt Ion: 83 Resp: 162621

Ion Ratio Lower Upper

83 100

85 61.5 51.8 77.8





#31

Cyclohexane

Concen: 18.441 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

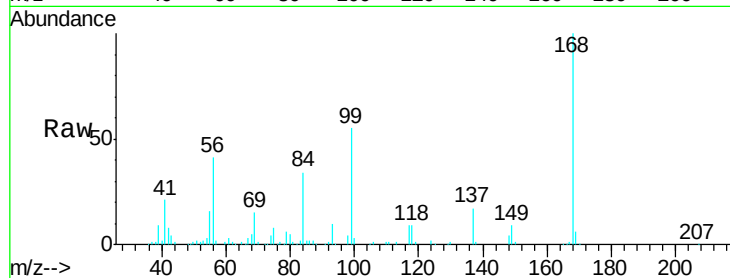
Tgt Ion: 56 Resp: 138426

Ion Ratio Lower Upper

56 100

69 37.4 25.8 38.8

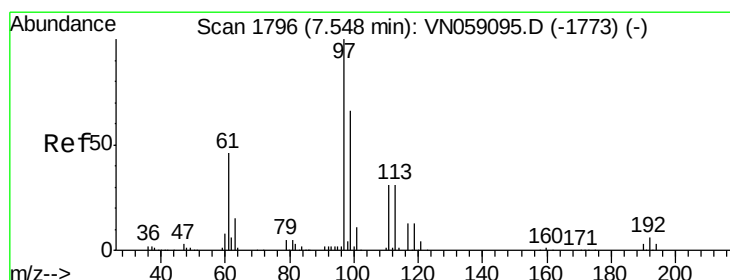
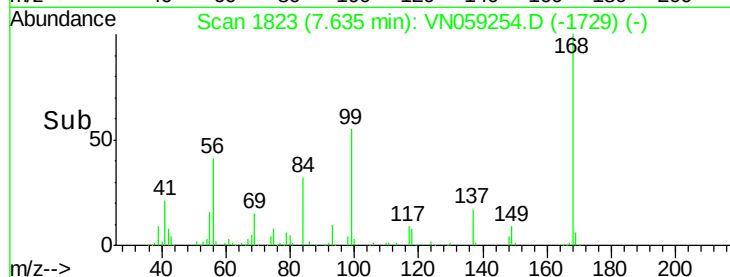
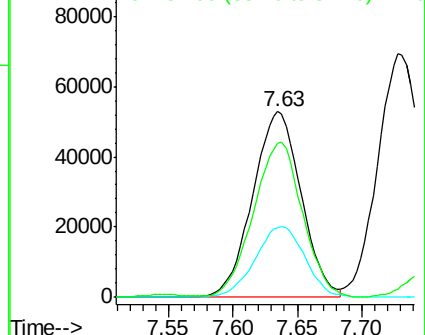
84 81.5 65.0 97.4



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: 20.934 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

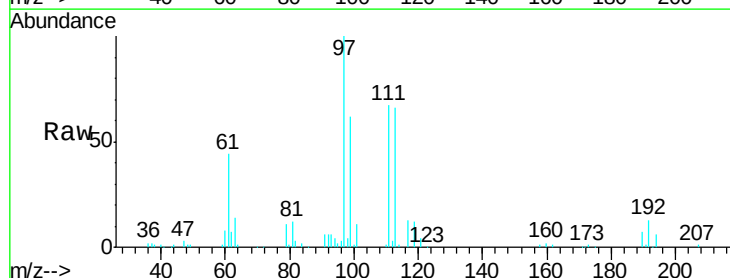
Tgt Ion: 97 Resp: 133874

Ion Ratio Lower Upper

97 100

99 64.2 51.0 76.6

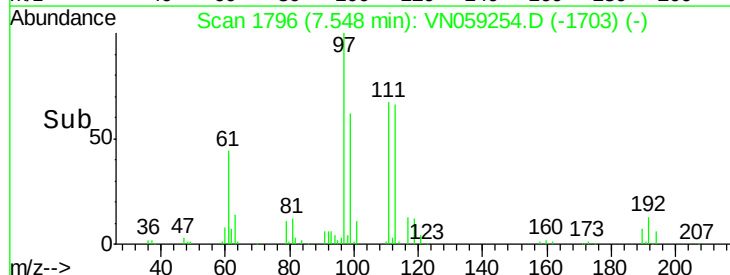
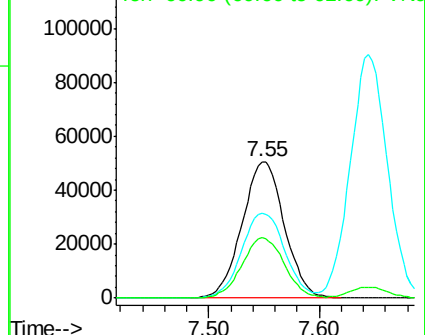
61 44.7 35.8 53.8

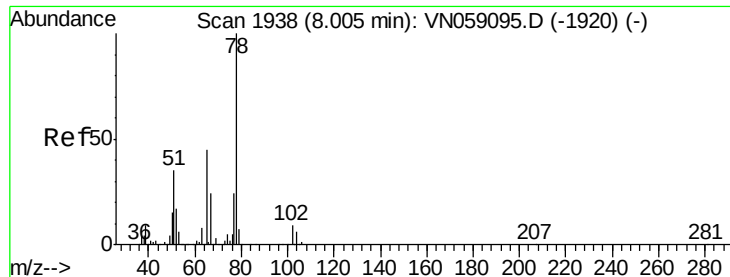


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

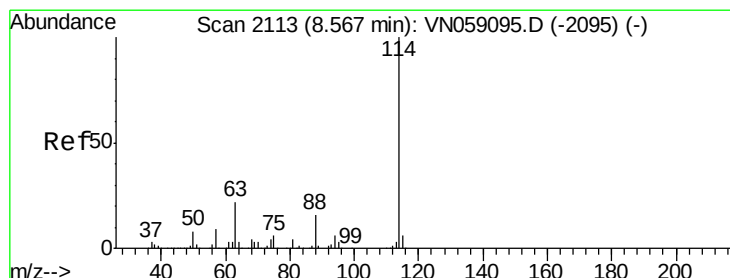
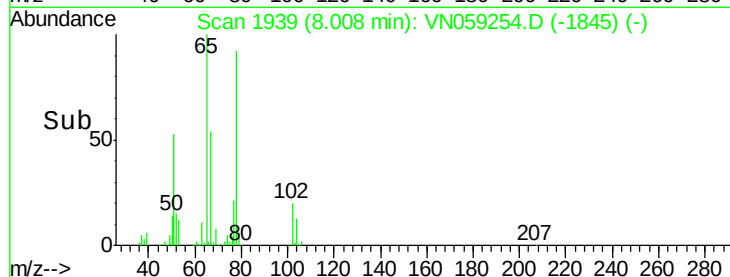
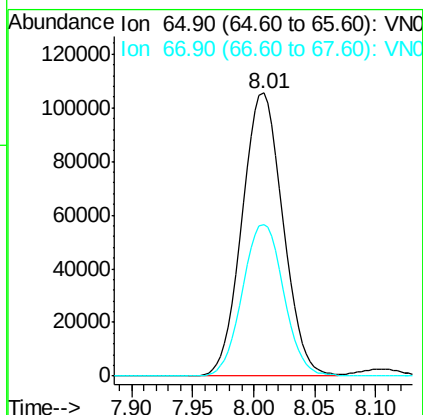
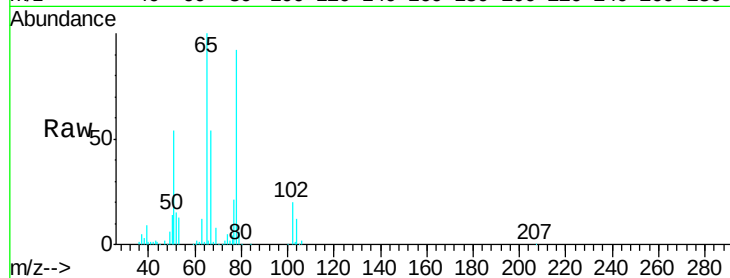




#33
 1,2-Dichloroethane-d4
 Concen: 50.860 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

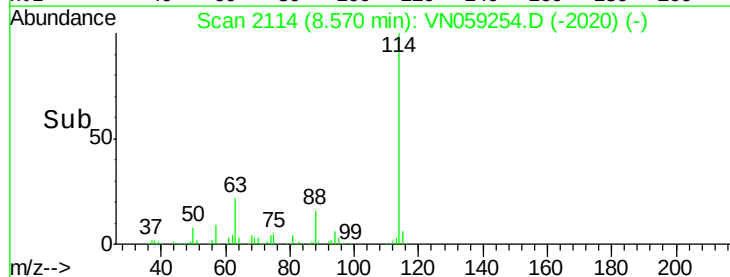
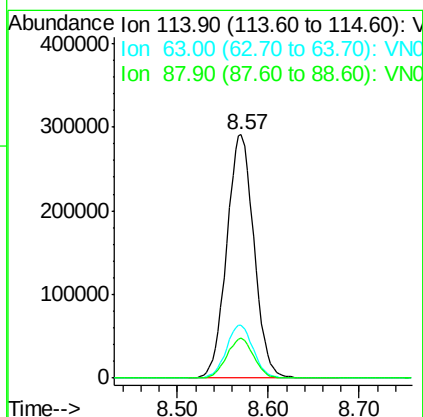
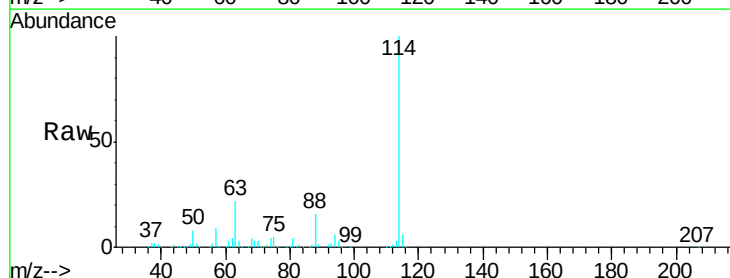
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

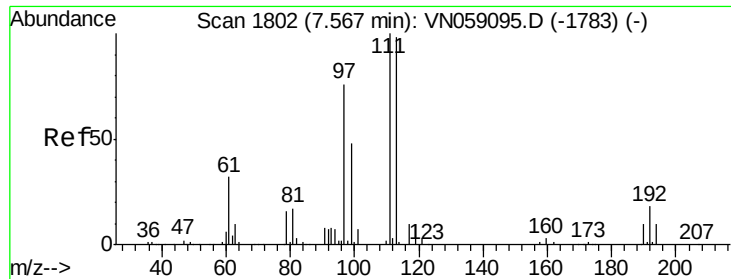
Tgt Ion: 65 Resp: 245230
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion: 114 Resp: 604270
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.4
 88 16.3 0.0 32.2

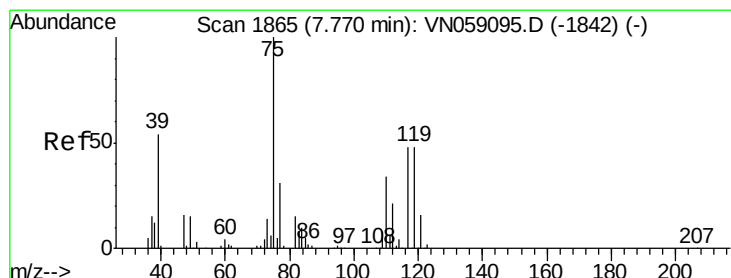
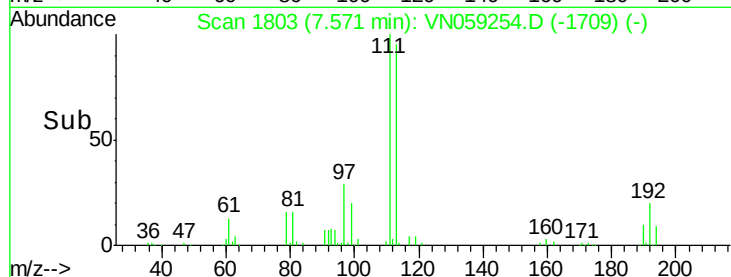
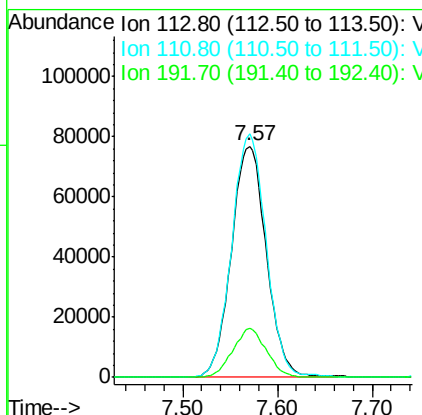
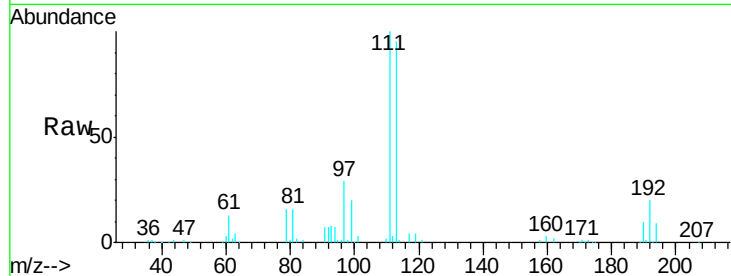




#35
 Dibromofluoromethane
 Concen: 54.788 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

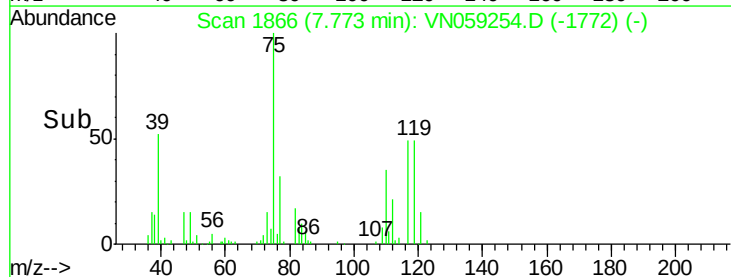
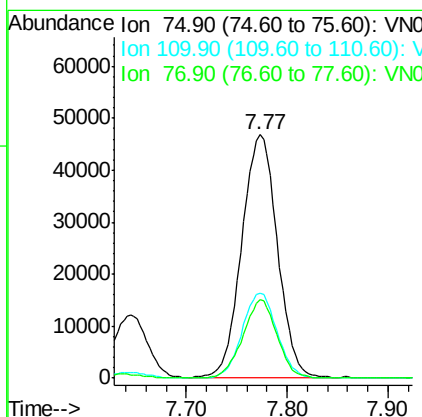
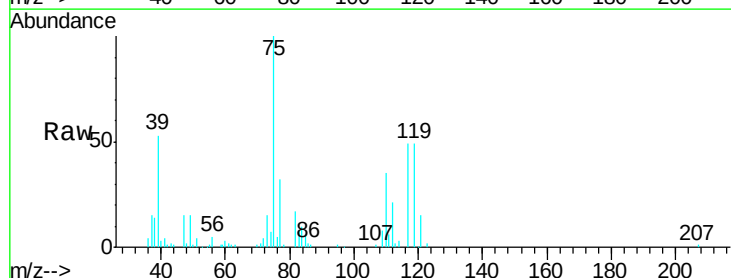
Instrument :
 MSVOA_N
 ClientSampled :
 VN1115WBSD01

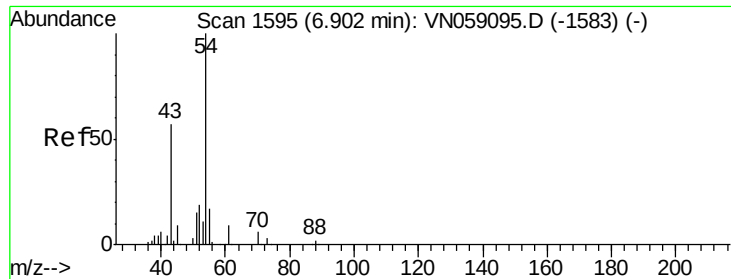
Tgt Ion: 113 Resp: 197679
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.8 124.2
 192 20.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 20.178 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion: 75 Resp: 113968
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.2
 77 31.1 24.8 37.2

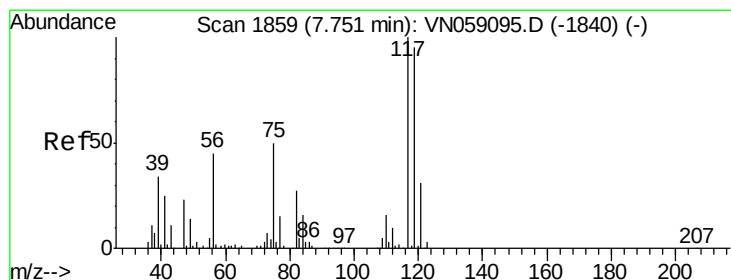
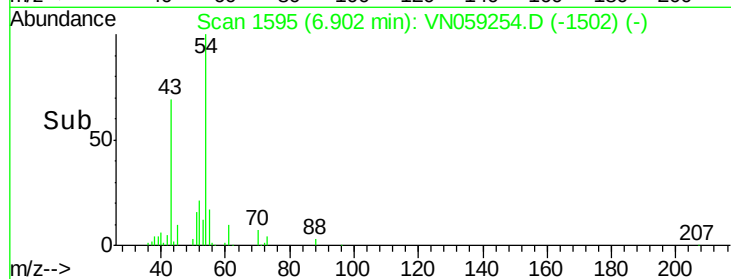
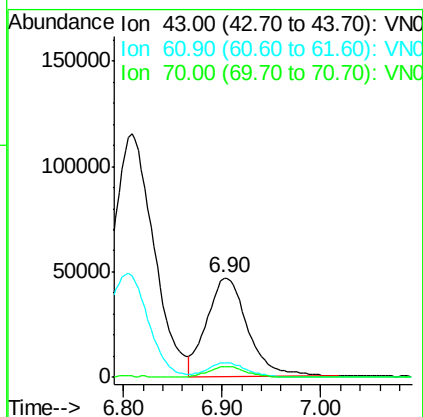
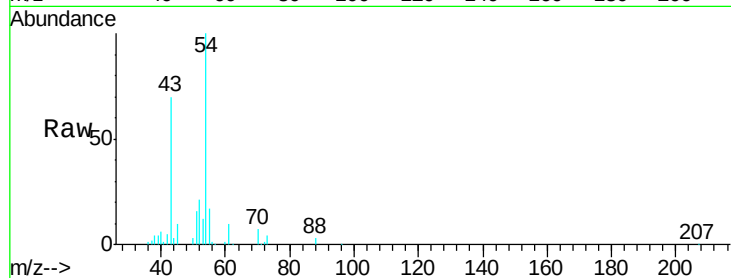




#37
Ethyl Acetate
Concen: 21.480 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

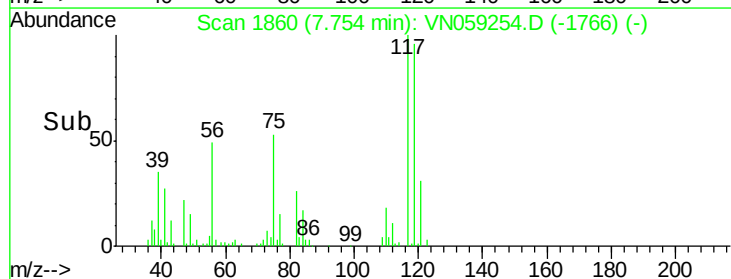
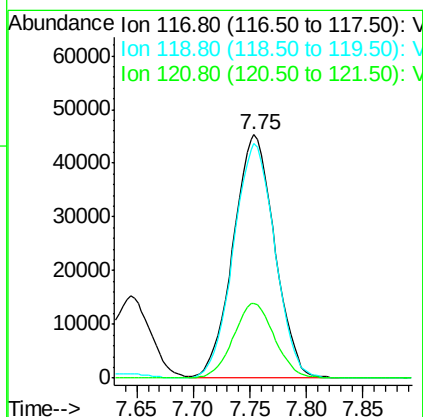
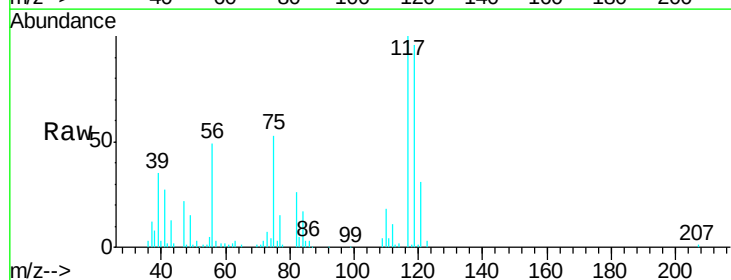
Instrument :
MSVOA_N
ClientSampled :
VN1115WBSD01

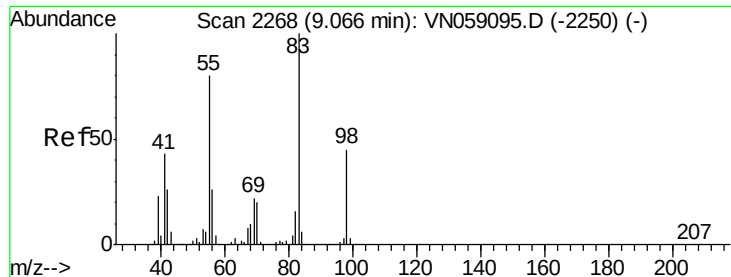
Tgt Ion: 43 Resp: 134968
Ion Ratio Lower Upper
43 100
61 14.1 11.2 16.8
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.554 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion: 117 Resp: 115551
Ion Ratio Lower Upper
117 100
119 96.4 75.6 113.4
121 30.9 24.6 36.8

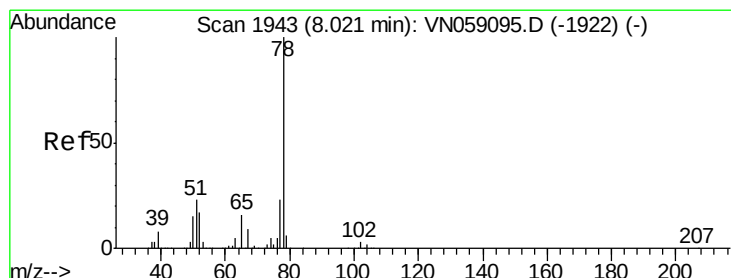
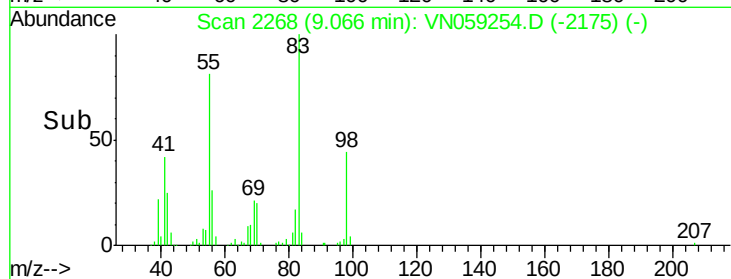
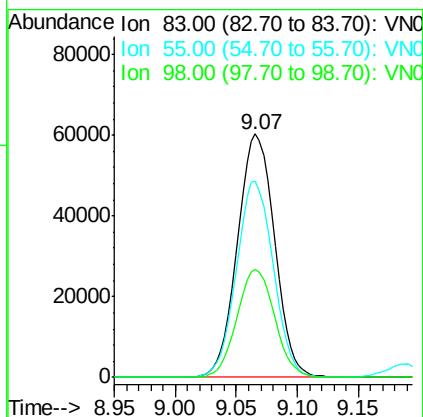
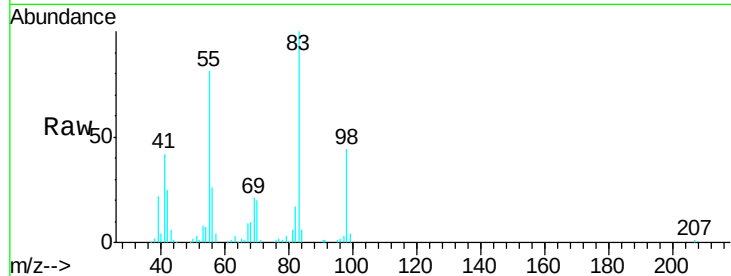




#39
Methylcyclohexane
Concen: 19.388 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

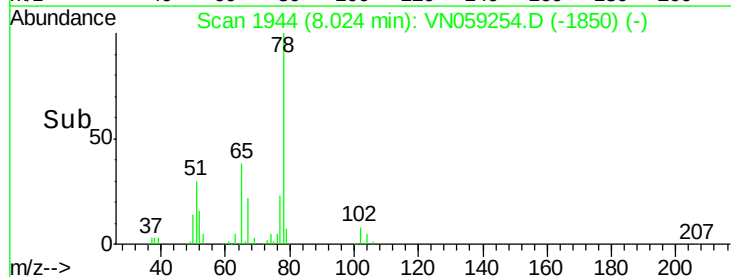
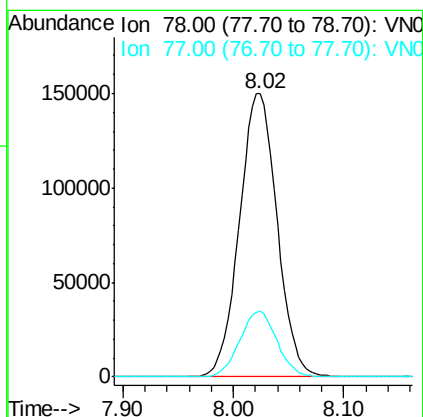
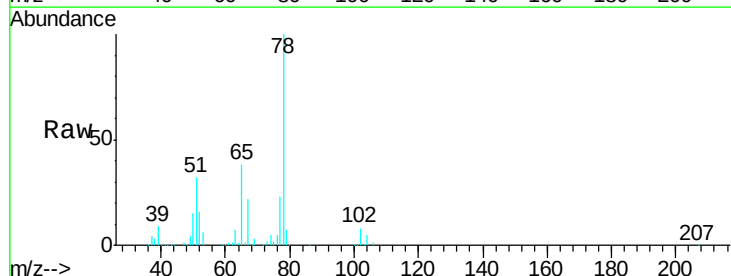
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

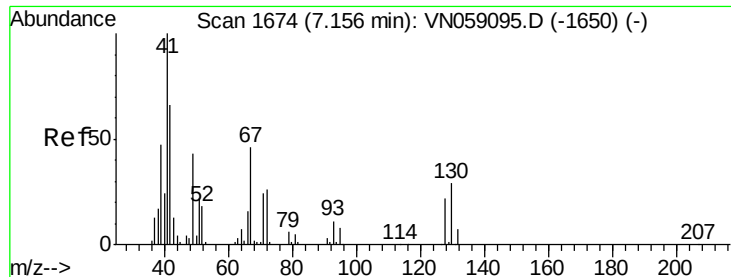
Tgt Ion: 83 Resp: 127091
Ion Ratio Lower Upper
83 100
55 80.9 63.9 95.9
98 44.3 35.6 53.4



#40
Benzene
Concen: 20.844 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion: 78 Resp: 354529
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2

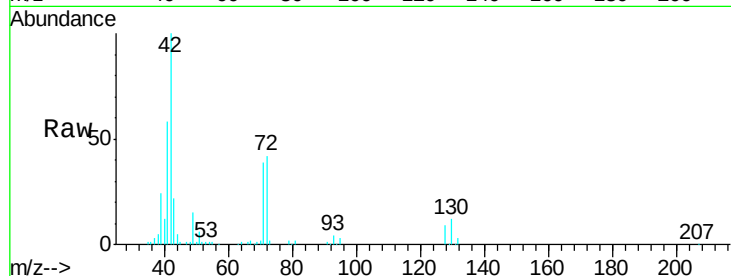




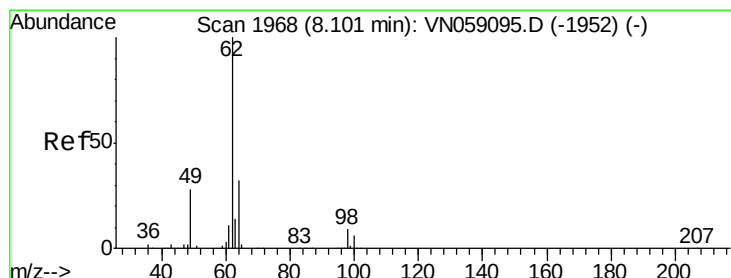
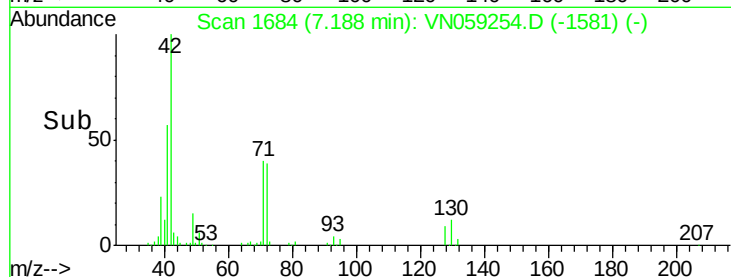
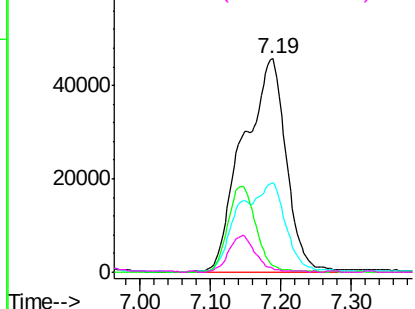
#41
Methacrylonitrile
Concen: 71.520 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Instrument :
MSVOA_N
ClientSampled :
VN1115WBSD01

Tgt Ion:	41	Resp:	195414
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

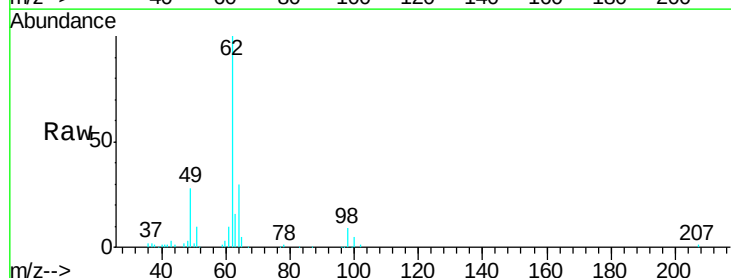


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

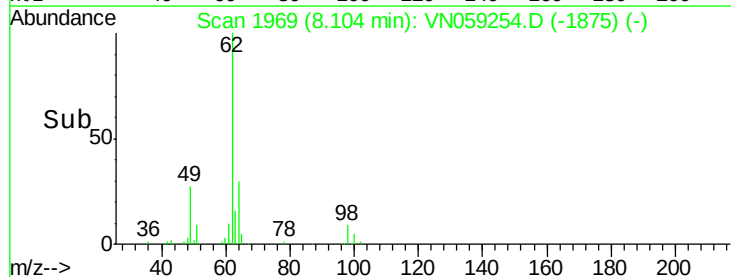
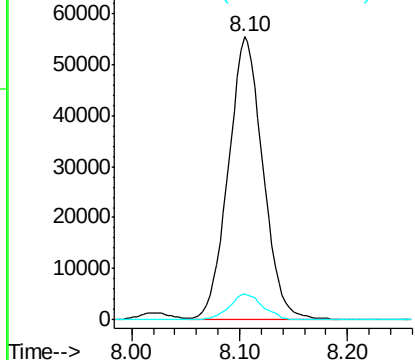


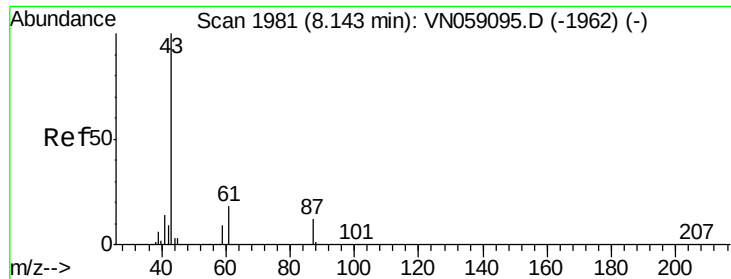
#42
1,2-Dichloroethane
Concen: 21.228 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion:	62	Resp:	123836
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 21.104 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

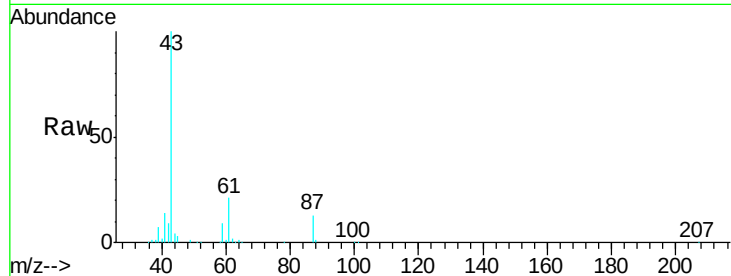
Tgt Ion: 43 Resp: 211403

Ion Ratio Lower Upper

43 100

61 26.6 21.0 31.6

87 12.6 9.8 14.6

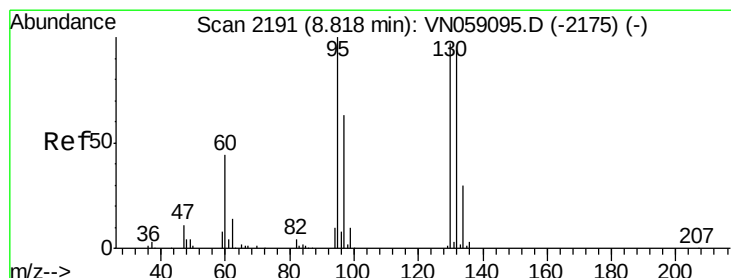
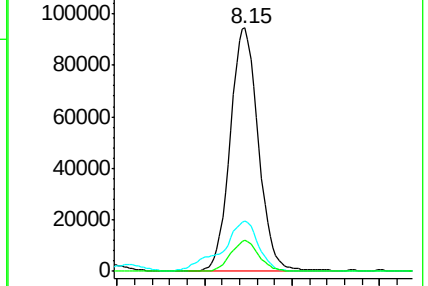
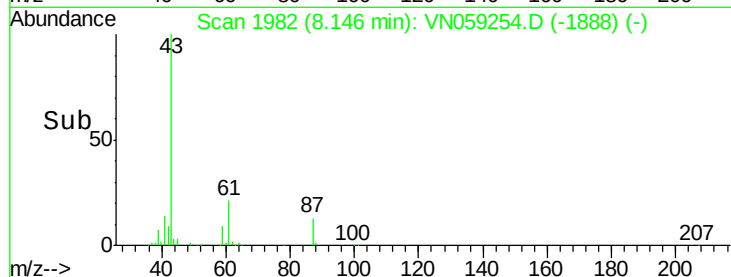


Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059095.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059095.D (-1962) (-)

Time-->



#44

Trichloroethene

Concen: 20.549 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN059254.D

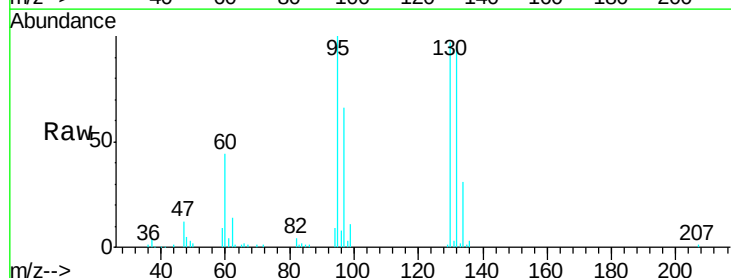
Acq: 15 Nov 2019 10:56

Tgt Ion: 130 Resp: 85914

Ion Ratio Lower Upper

130 100

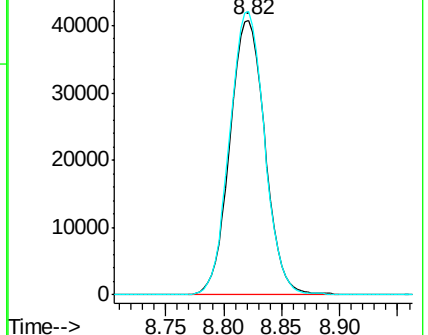
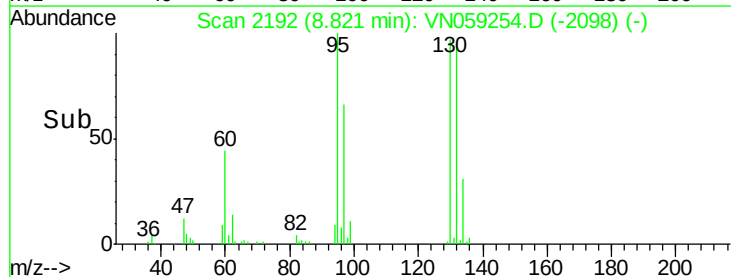
95 102.9 0.0 206.4

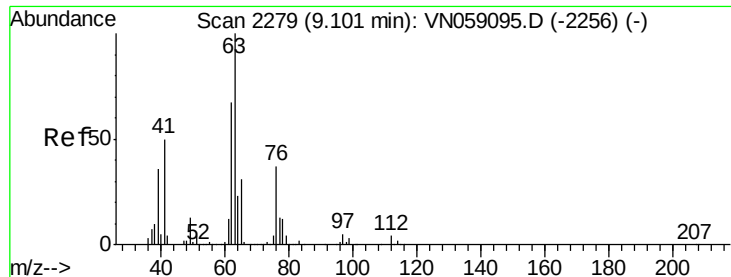


Abundance Ion 129.80 (129.50 to 130.50): VN059095.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059095.D (-2175) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 21.343 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

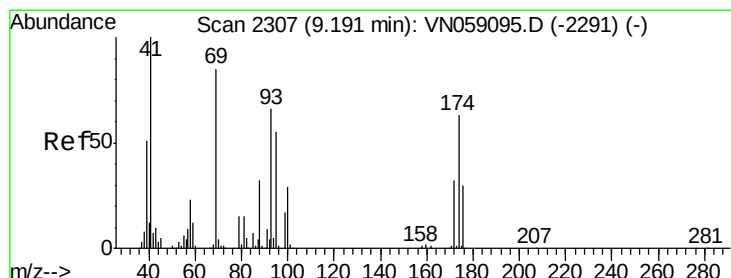
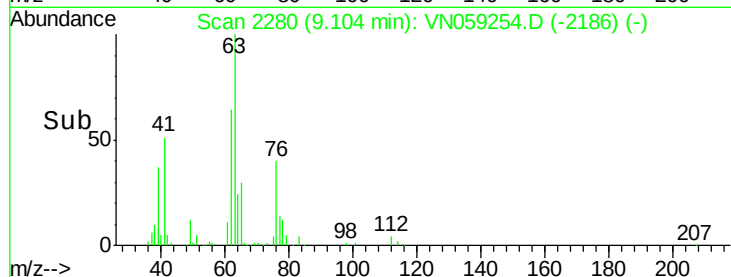
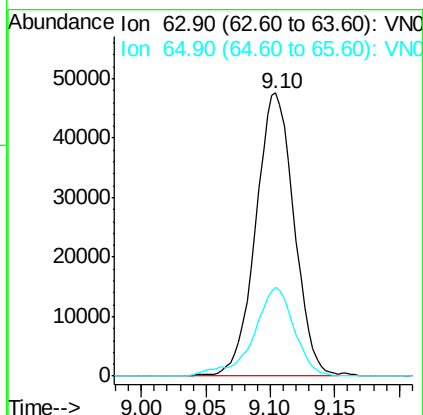
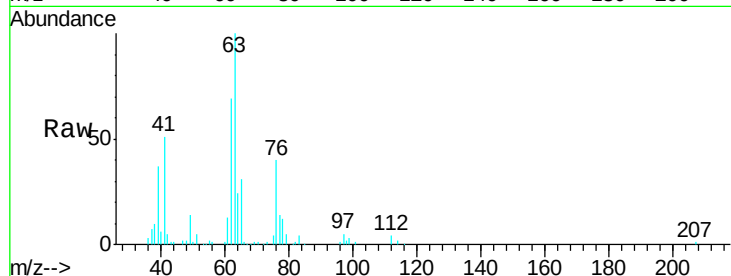
VN1115WBSD01

Tgt Ion: 63 Resp: 98603

Ion Ratio Lower Upper

63 100

65 31.3 24.6 37.0



#46

Dibromomethane

Concen: 20.550 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

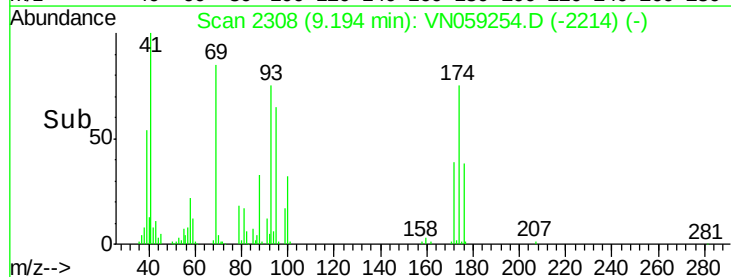
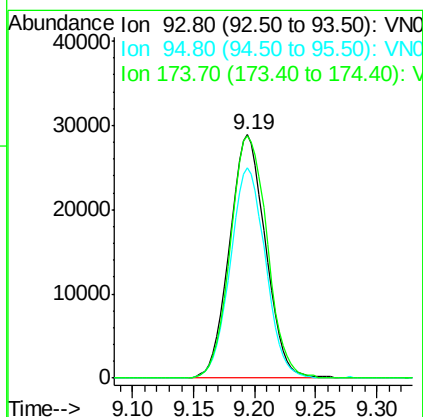
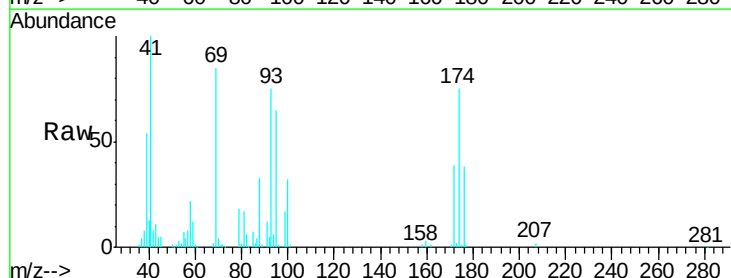
Tgt Ion: 93 Resp: 59159

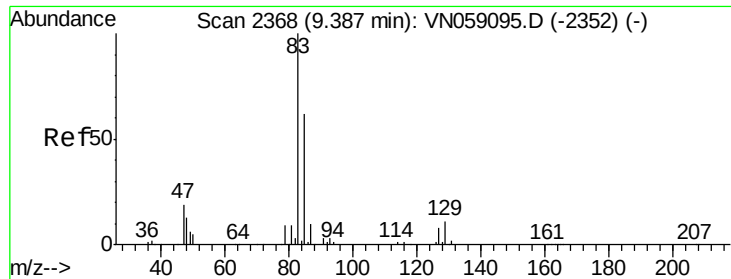
Ion Ratio Lower Upper

93 100

95 84.9 66.6 100.0

174 101.6 78.2 117.2





#47

Bromodichloromethane

Concen: 21.142 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

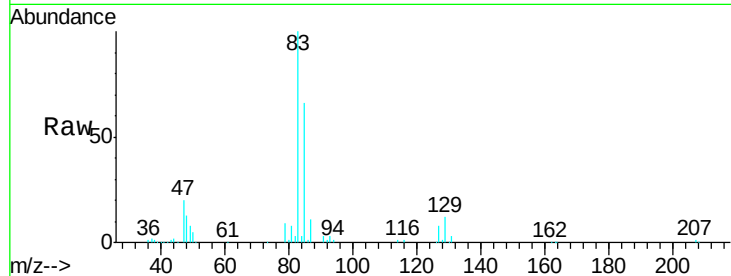
Tgt Ion: 83 Resp: 121538

Ion Ratio Lower Upper

83 100

85 65.9 49.7 74.5

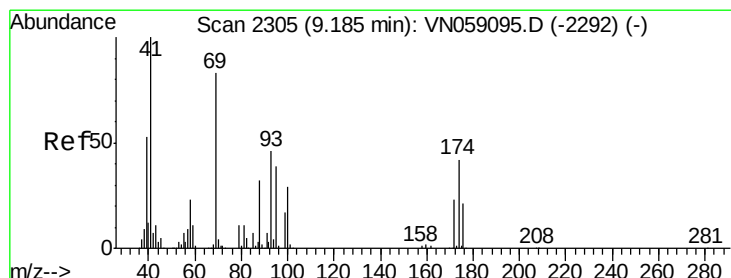
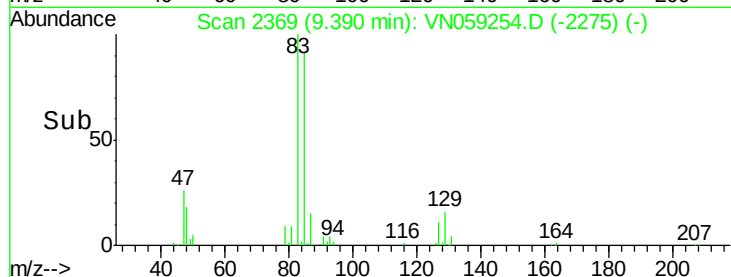
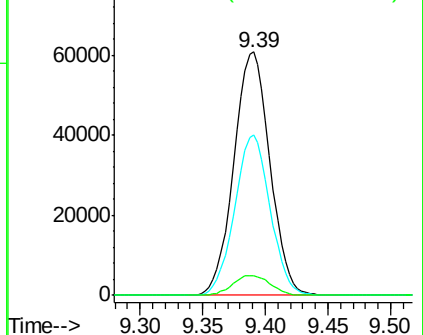
127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059254.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059254.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059254.D (-2275) (-)



#48

Methyl methacrylate

Concen: 20.159 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

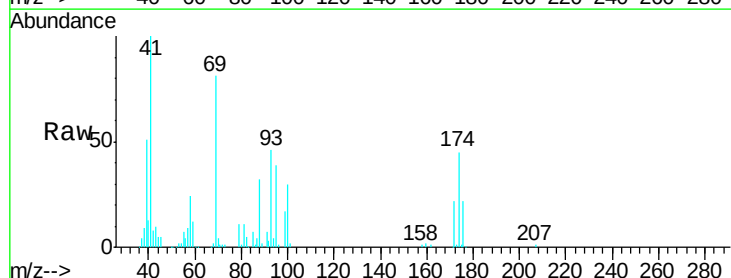
Tgt Ion: 41 Resp: 90329

Ion Ratio Lower Upper

41 100

69 86.1 67.3 100.9

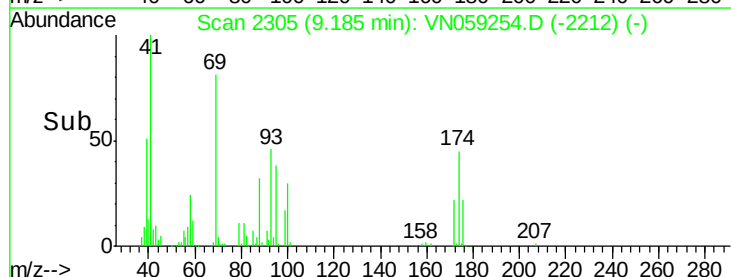
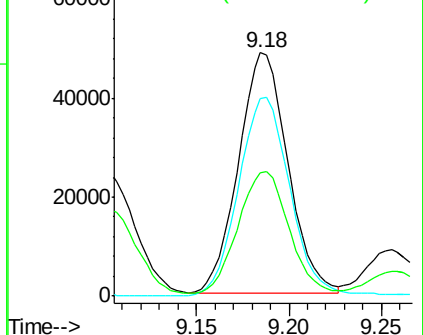
39 53.6 43.3 64.9

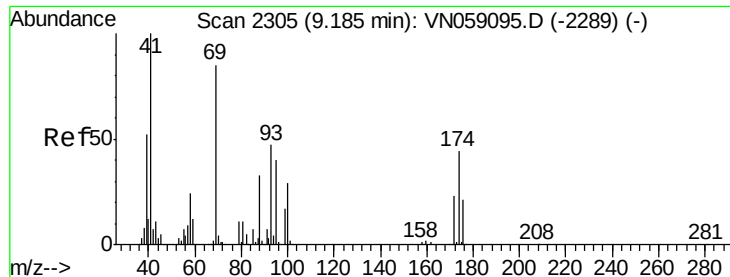


Abundance Ion 41.00 (40.70 to 41.70): VN059254.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059254.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059254.D (-2212) (-)

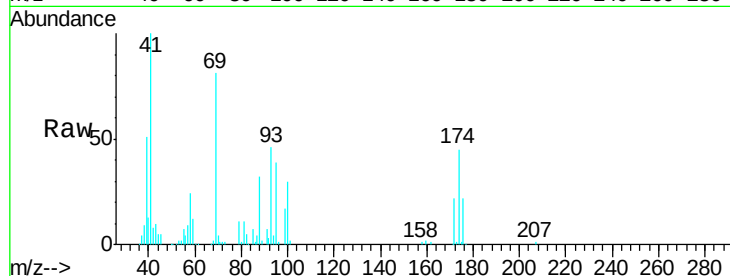




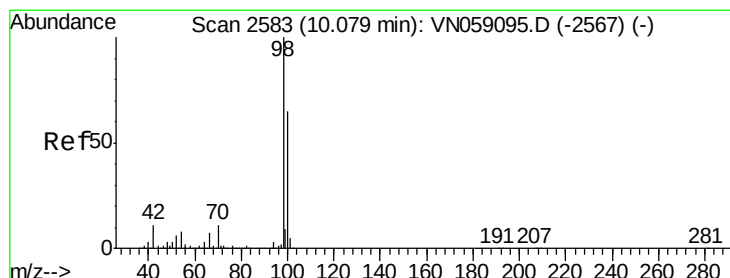
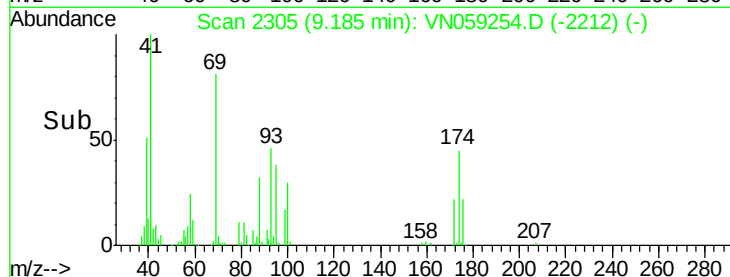
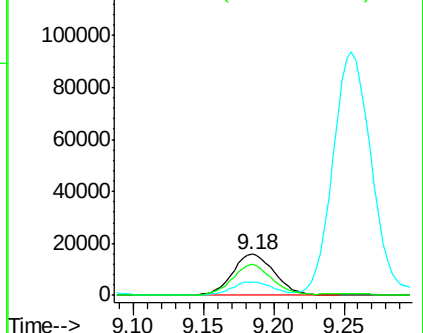
#49
1,4-Dioxane
Concen: 418.126 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion: 88 Resp: 33295
Ion Ratio Lower Upper
88 100
43 32.8 26.3 39.5
58 71.5 60.6 90.8

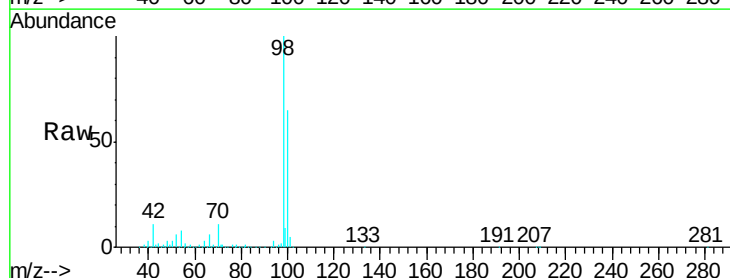


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

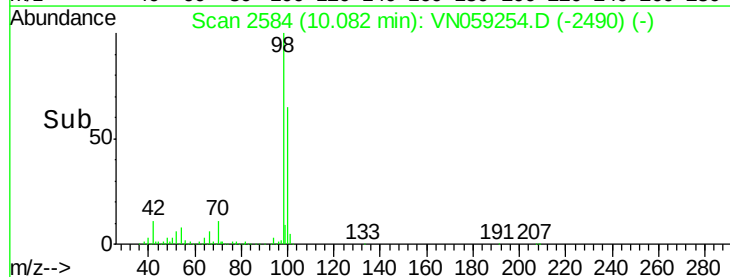
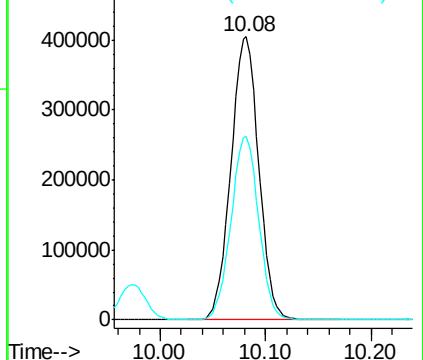


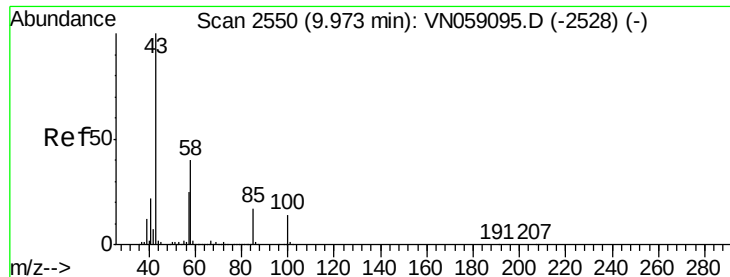
#50
Toluene-d8
Concen: 51.994 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion: 98 Resp: 738930
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



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

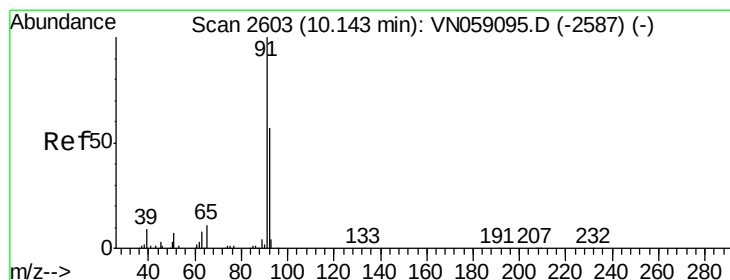
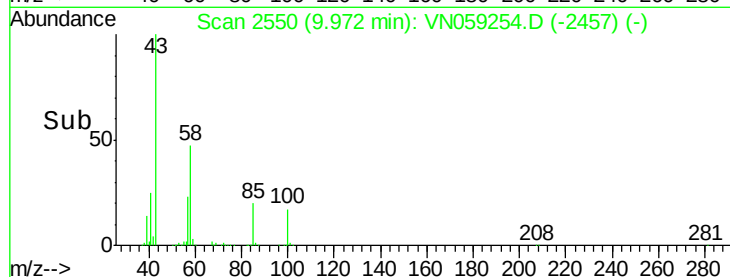
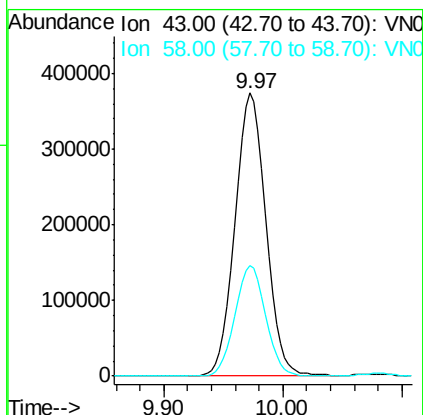
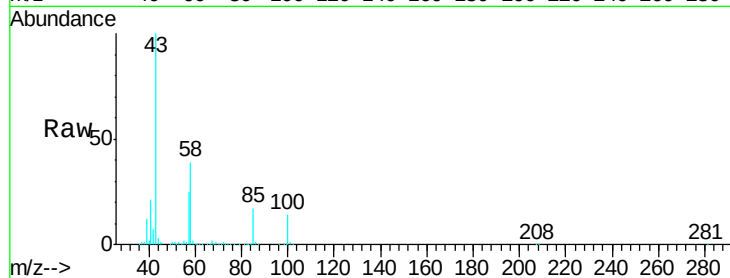




#51
 4-Methyl-2-Pentanone
 Concen: 118.577 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

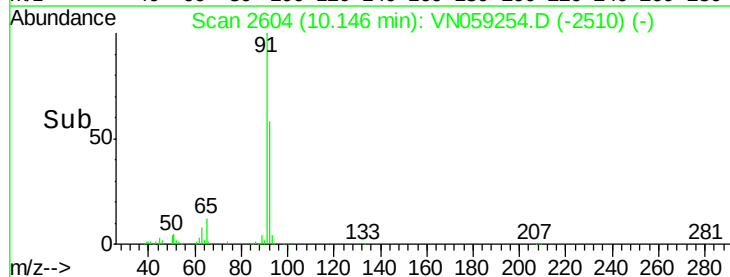
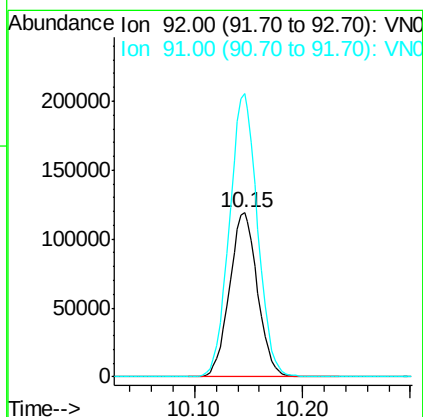
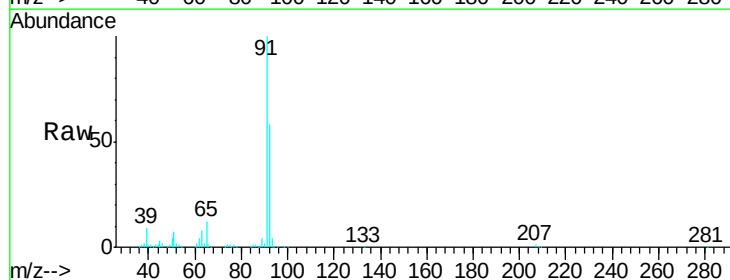
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

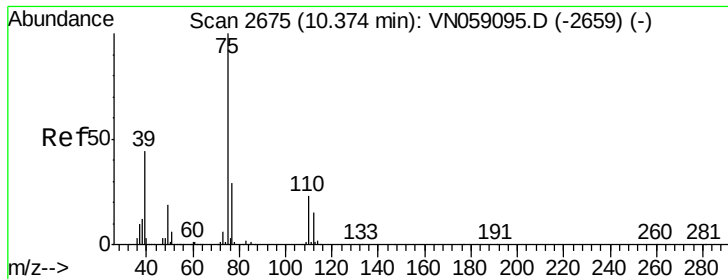
Tgt Ion: 43 Resp: 672104
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.5 47.3



#52
 Toluene
 Concen: 21.086 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion: 92 Resp: 214965
 Ion Ratio Lower Upper
 92 100
 91 173.4 139.5 209.3





#53

t-1,3-Dichloropropene

Concen: 20.706 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

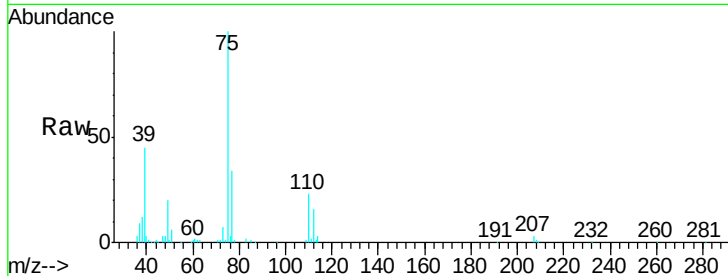
VN1115WBSD01

Tgt Ion: 75 Resp: 137521

Ion Ratio Lower Upper

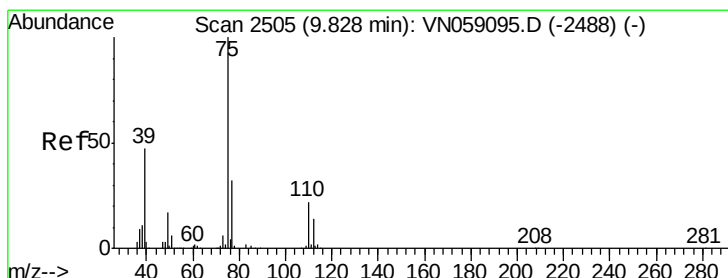
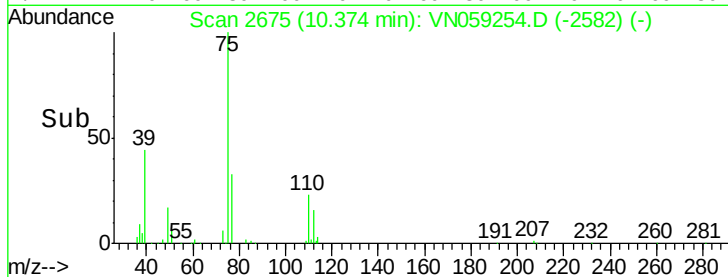
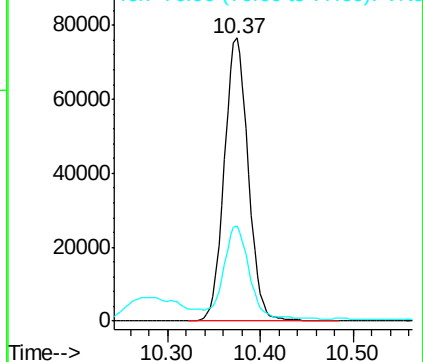
75 100

77 32.7 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.990 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

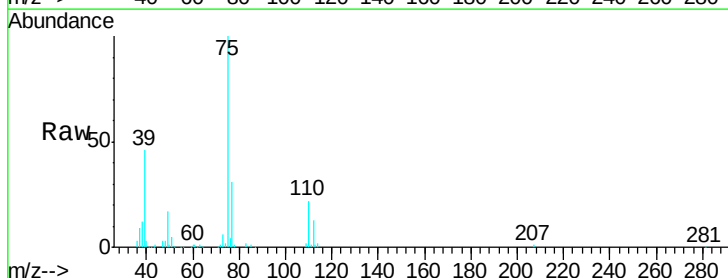
Tgt Ion: 75 Resp: 149957

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

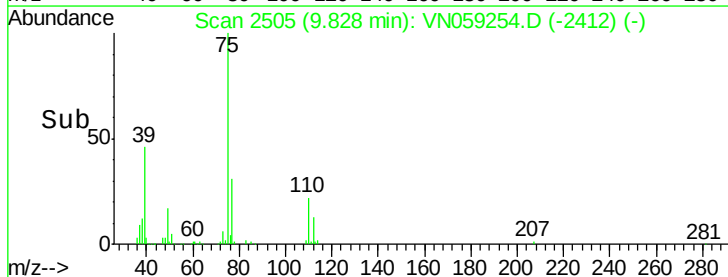
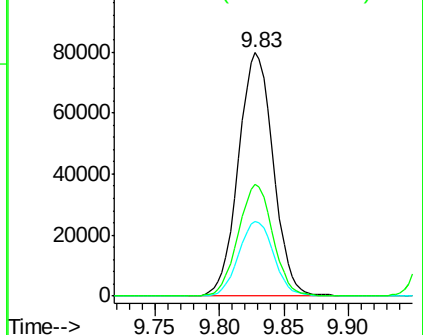
39 45.8 37.3 55.9

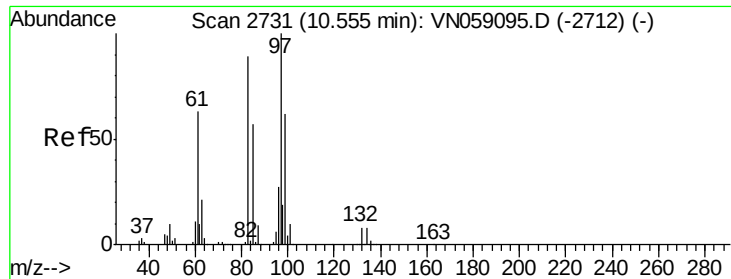


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

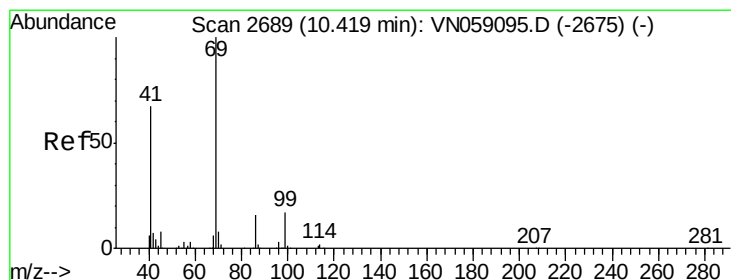
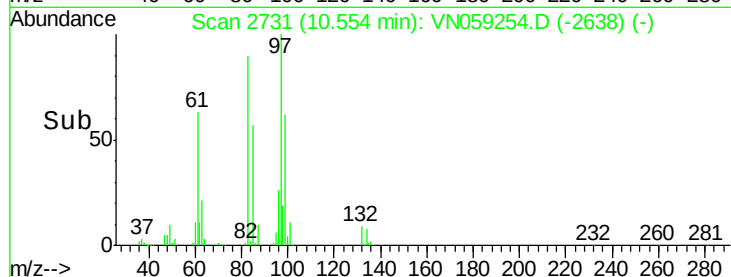
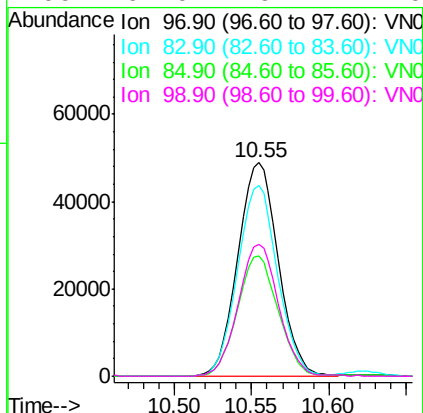
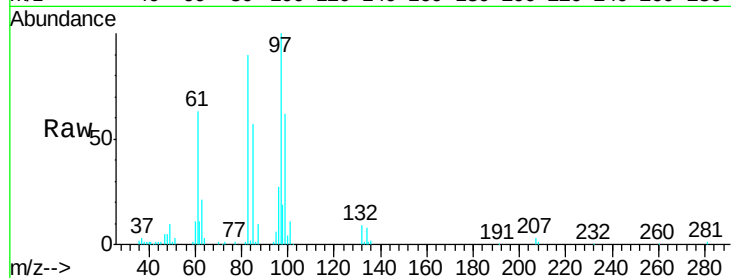




#55
 1,1,2-Trichloroethane
 Concen: 21.585 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

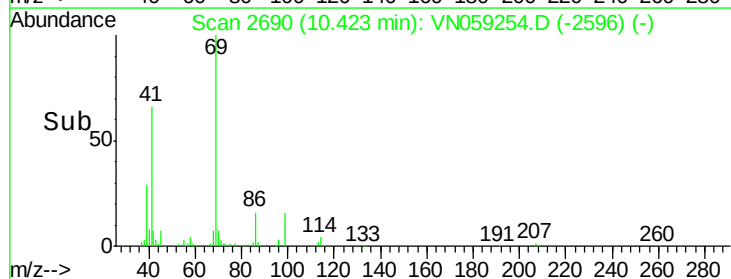
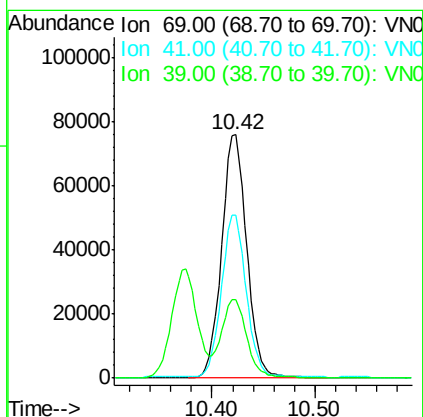
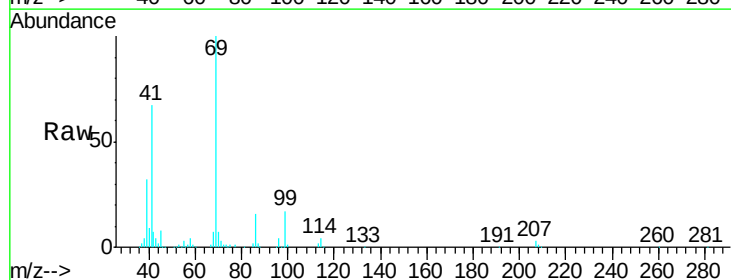
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

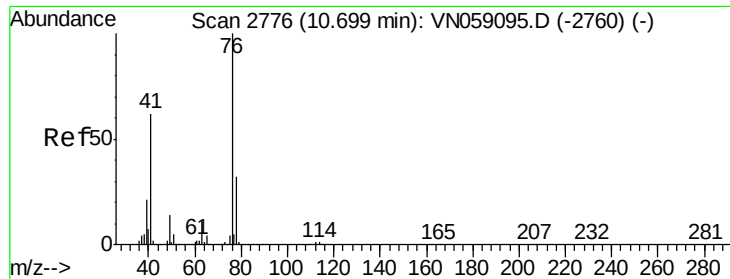
Tgt Ion:	97	Resp:	89053
Ion	Ratio	Lower	Upper
97	100		
83	89.6	71.0	106.4
85	56.6	45.8	68.8
99	62.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.977 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion:	69	Resp:	129429
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.6	80.4
39	31.8	26.2	39.4





#57

1,3-Dichloropropane

Concen: 21.440 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

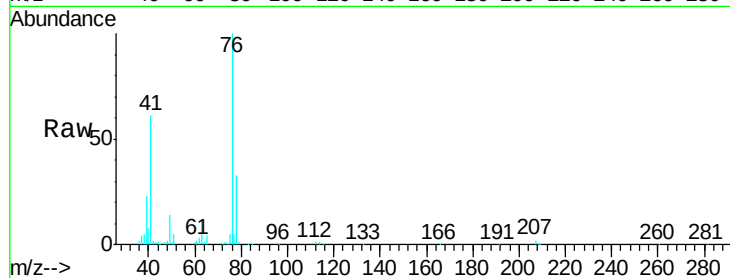
VN1115WBSD01

Tgt Ion: 76 Resp: 152244

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059254.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN059254.D (-2760) (-)

10.70

80000

60000

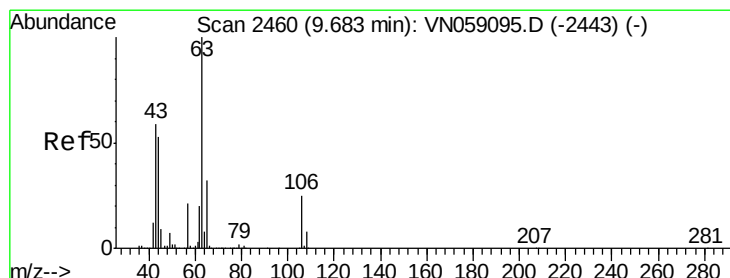
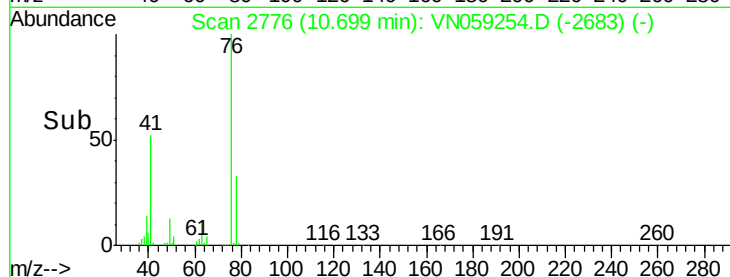
40000

20000

0

10.60 10.70 10.80

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 114.051 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059254.D

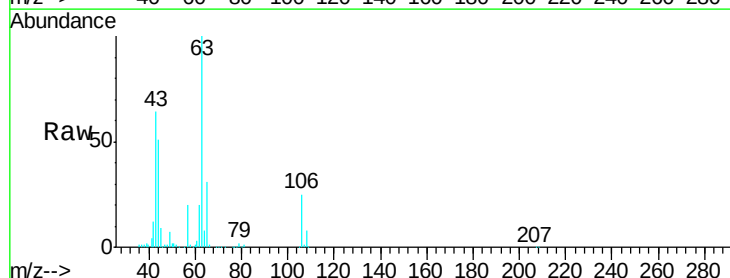
Acq: 15 Nov 2019 10:56

Tgt Ion: 63 Resp: 261873

Ion Ratio Lower Upper

63 100

106 25.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059254.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN059254.D (-2443) (-)

9.68

150000

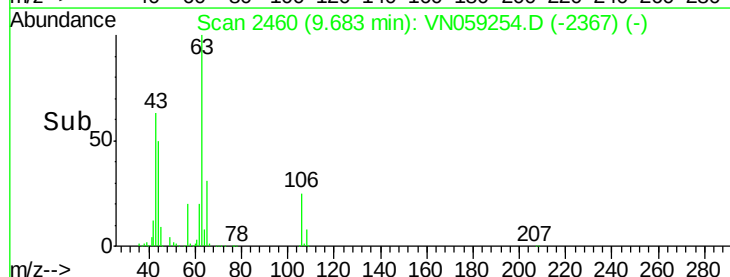
100000

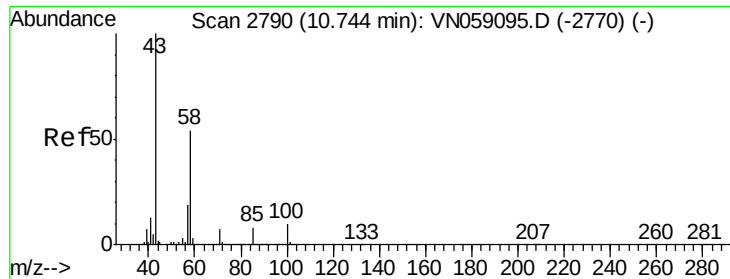
50000

0

9.60 9.65 9.70 9.75

Time-->

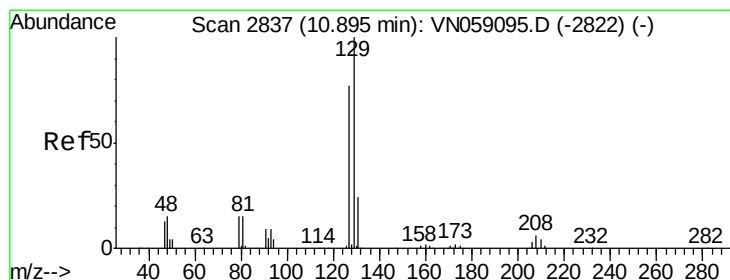
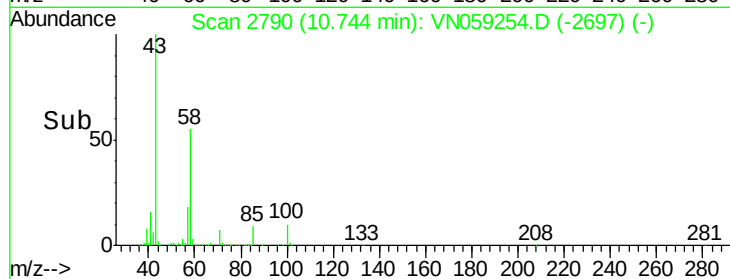
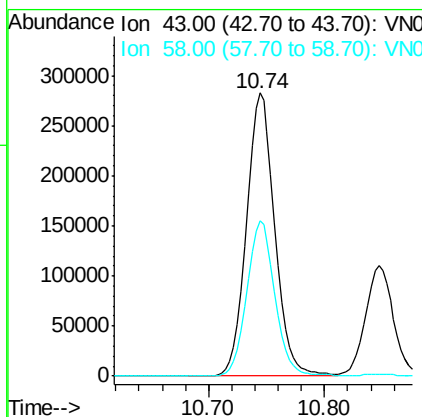
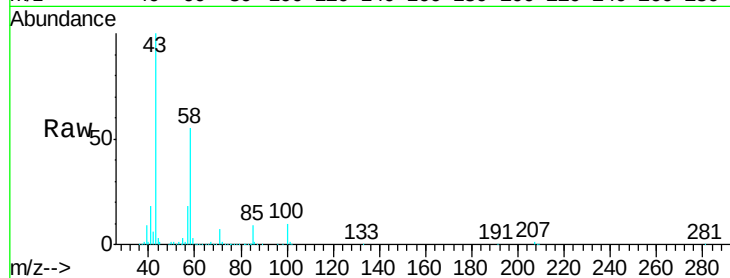




#59
2-Hexanone
Concen: 110.128 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

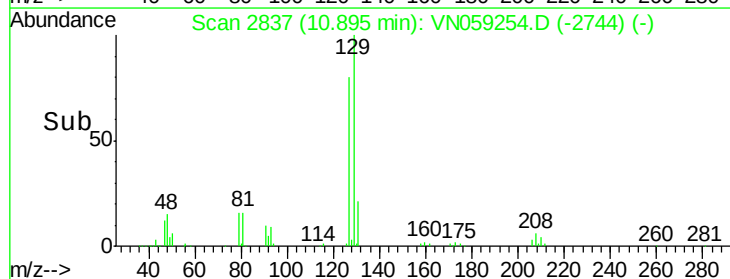
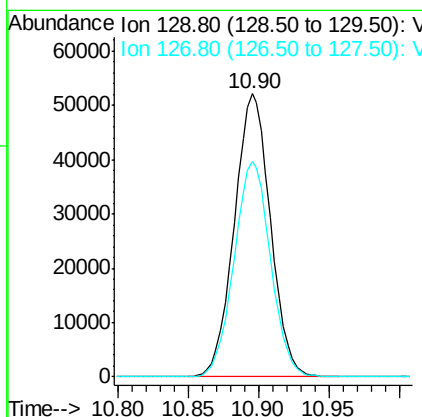
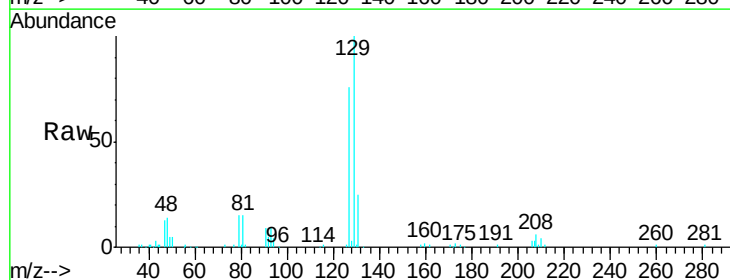
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

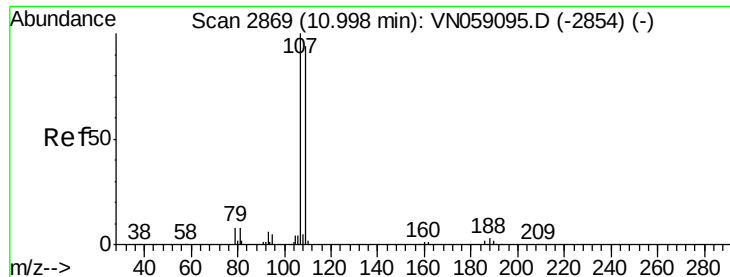
Tgt Ion: 43 Resp: 479111
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 21.409 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion: 129 Resp: 93390
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 21.099 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

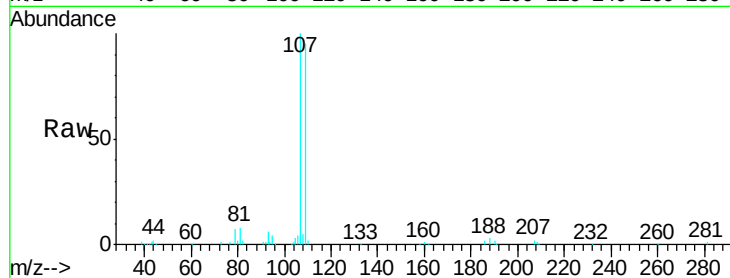
VN1115WBSD01

Tgt Ion: 107 Resp: 88123

Ion Ratio Lower Upper

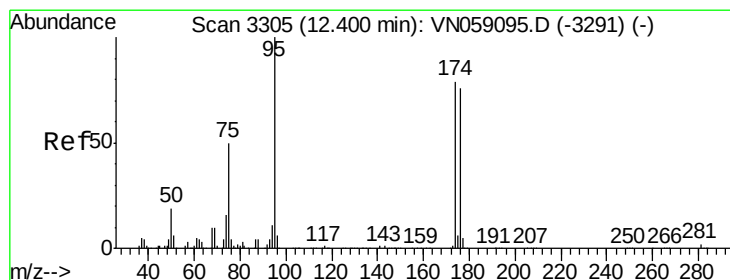
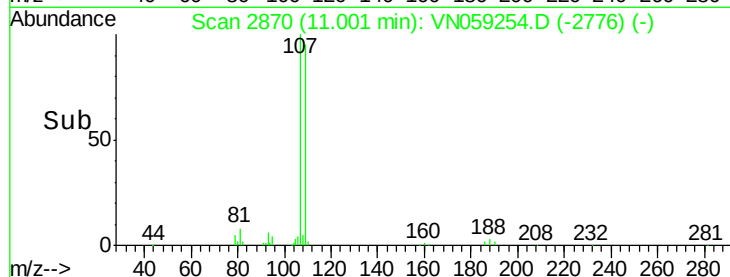
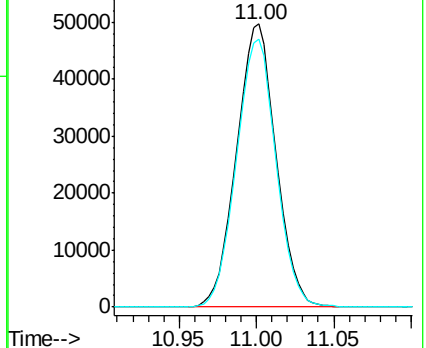
107 100

109 95.1 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.329 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

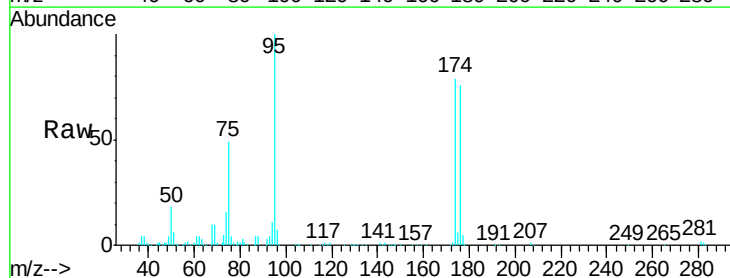
Tgt Ion: 95 Resp: 263022

Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.2

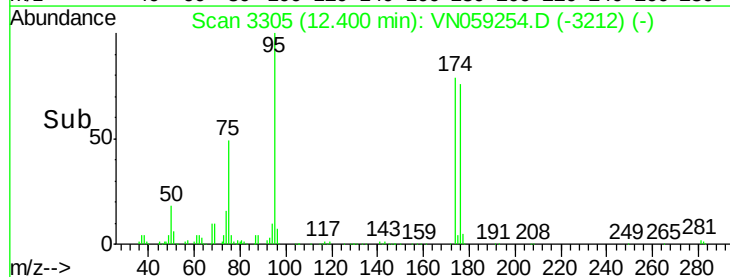
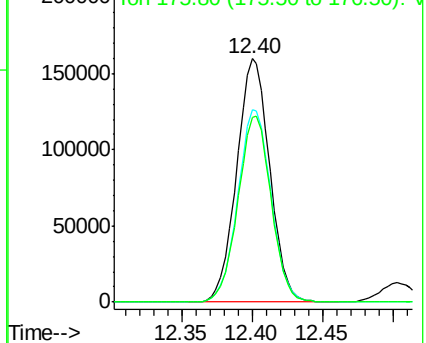
176 76.8 0.0 151.8

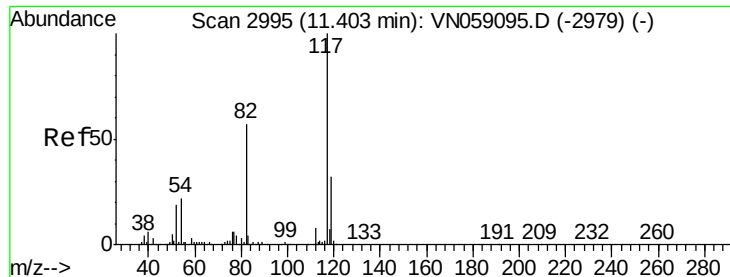


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

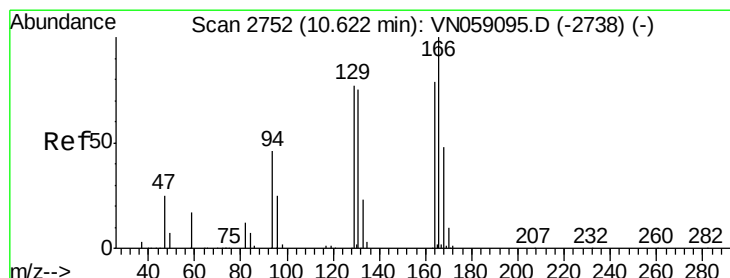
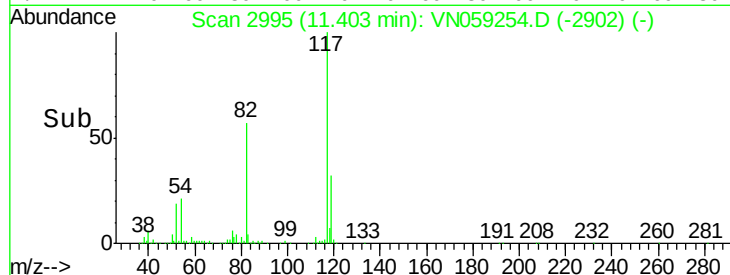
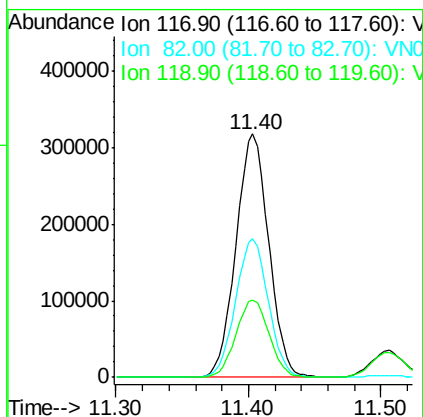
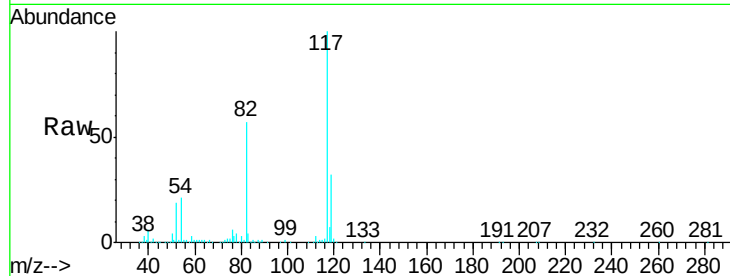




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

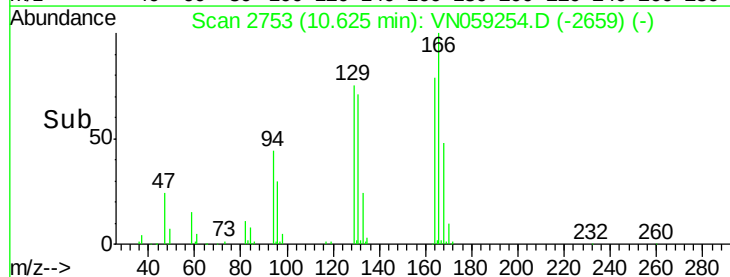
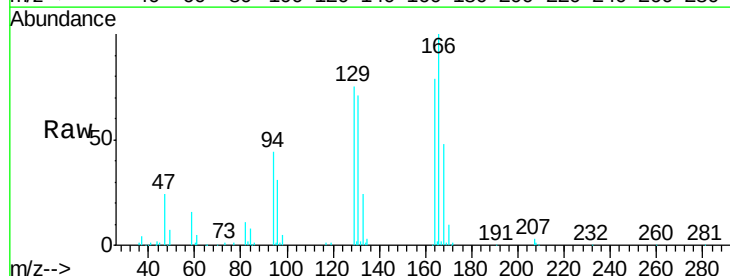
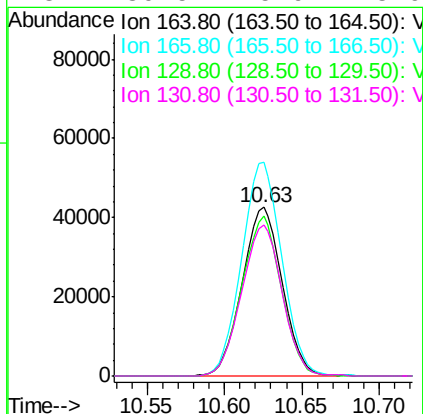
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

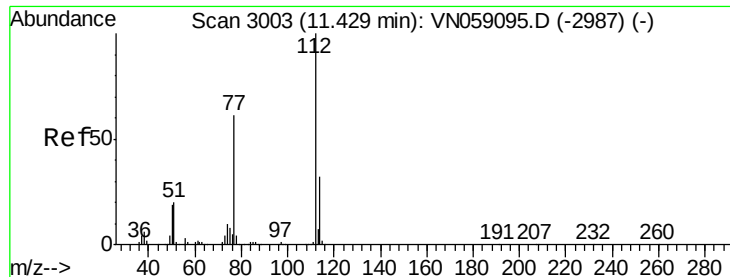
Tgt Ion:117 Resp: 546185
Ion Ratio Lower Upper
117 100
82 56.8 45.8 68.8
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 20.675 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion:164 Resp: 76785
Ion Ratio Lower Upper
164 100
166 126.8 101.5 152.3
129 94.8 78.3 117.5
131 89.5 75.9 113.9

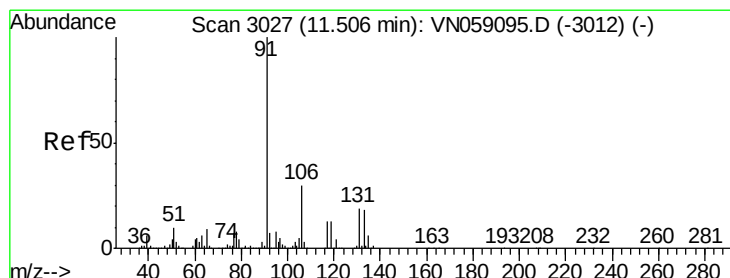
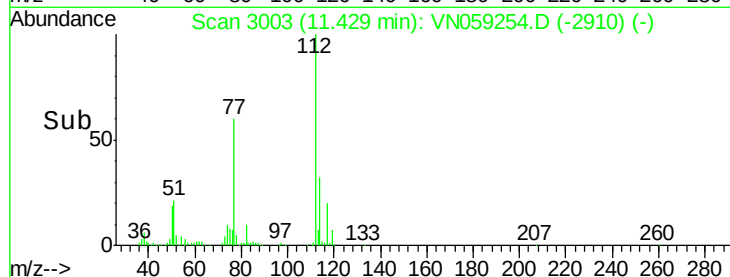
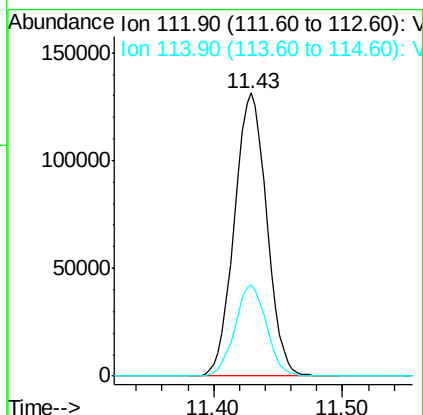
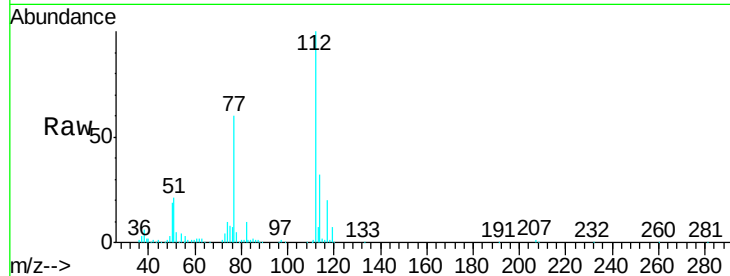




#65
Chlorobenzene
Concen: 21.505 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

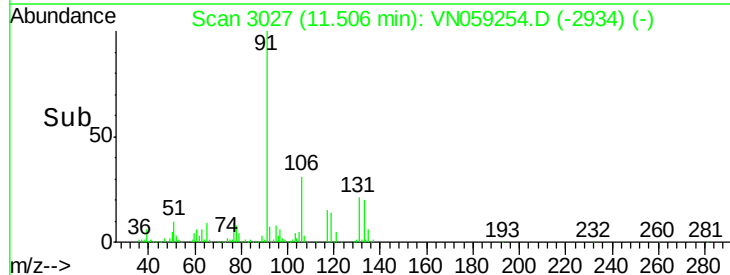
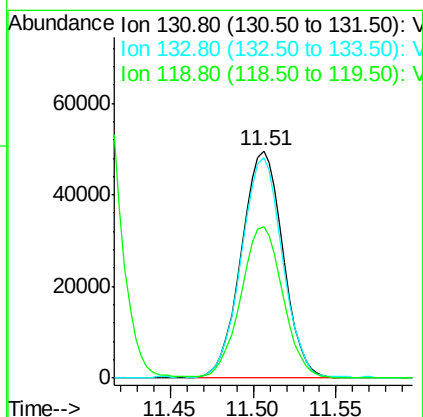
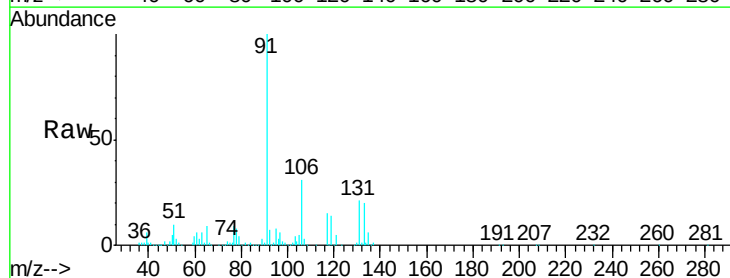
Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

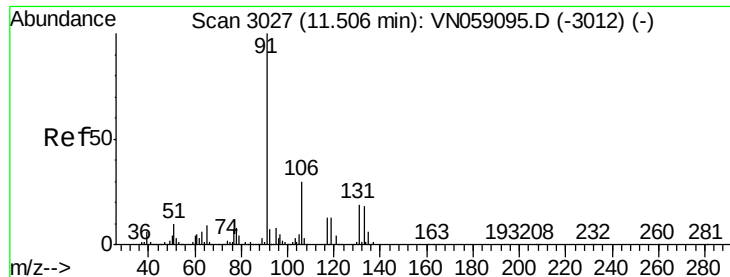
Tgt Ion:112 Resp: 228973
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 21.800 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion:131 Resp: 87069
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 67.0 33.2 99.6





#67

Ethyl Benzene

Concen: 21.306 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

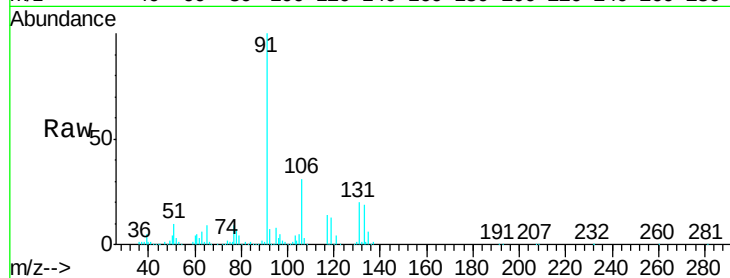
VN1115WBSD01

Tgt Ion: 91 Resp: 402482

Ion Ratio Lower Upper

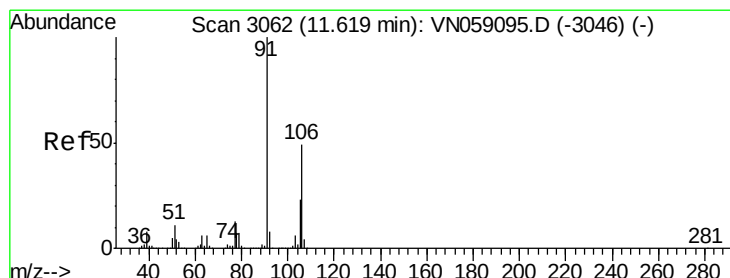
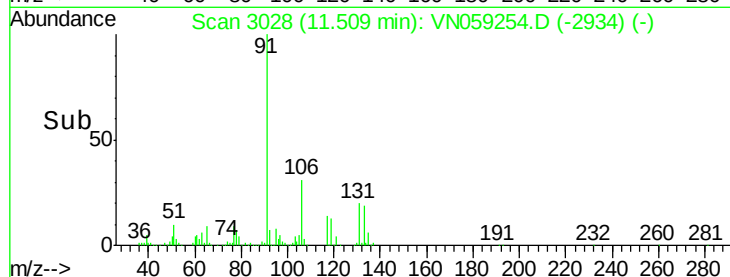
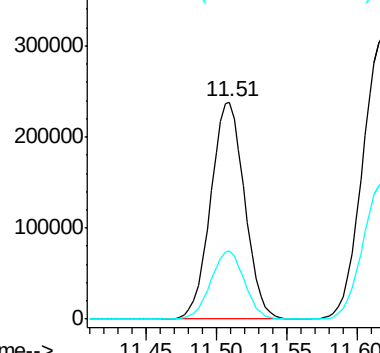
91 100

106 31.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.734 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059254.D

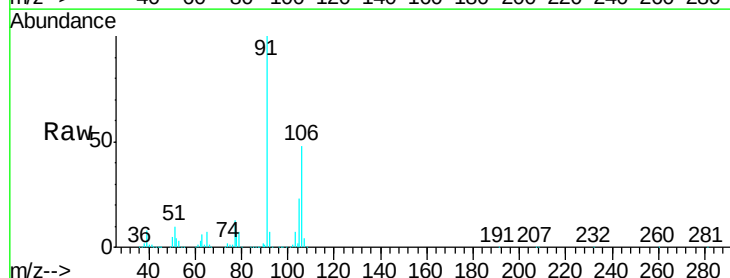
Acq: 15 Nov 2019 10:56

Tgt Ion: 106 Resp: 295318

Ion Ratio Lower Upper

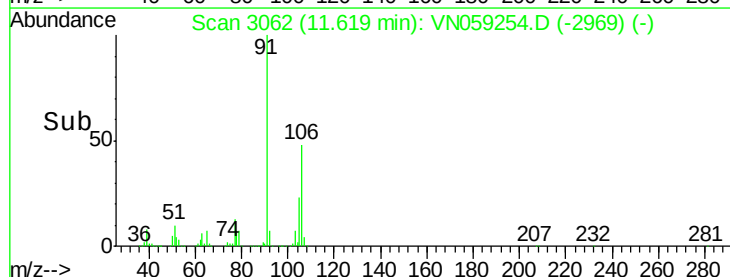
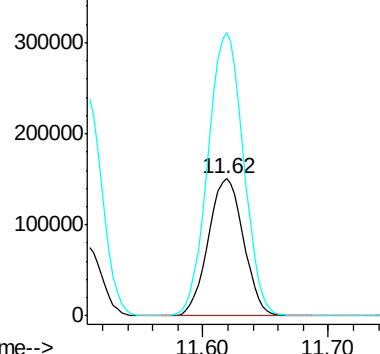
106 100

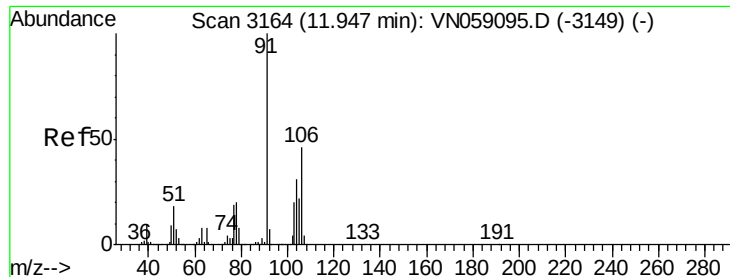
91 206.7 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





#69

o-Xylene

Concen: 21.256 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

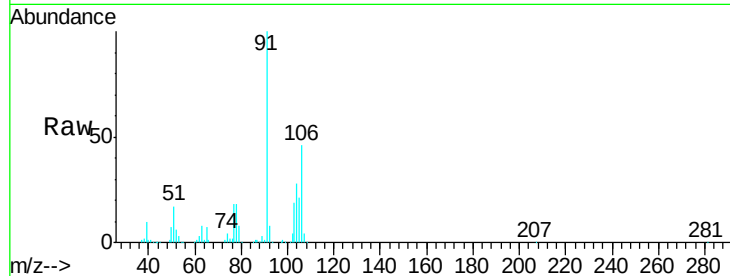
VN1115WBSD01

Tgt Ion:106 Resp: 145361

Ion Ratio Lower Upper

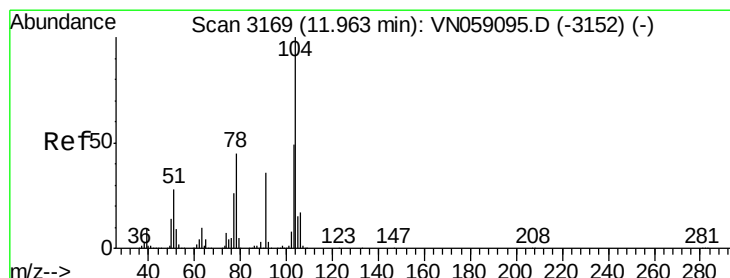
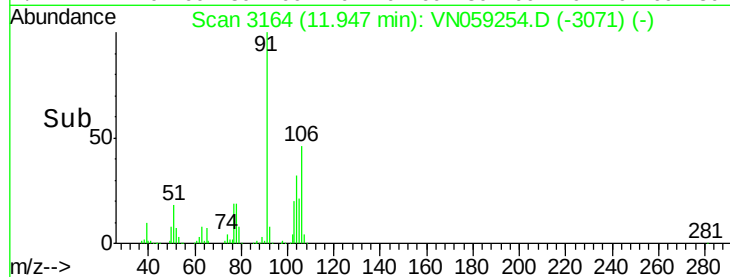
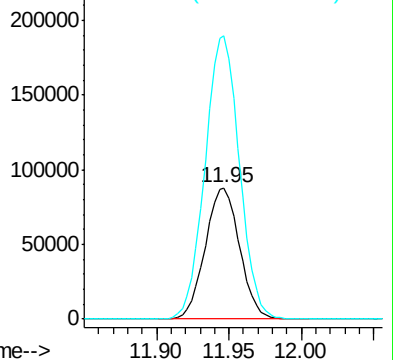
106 100

91 215.3 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 20.961 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

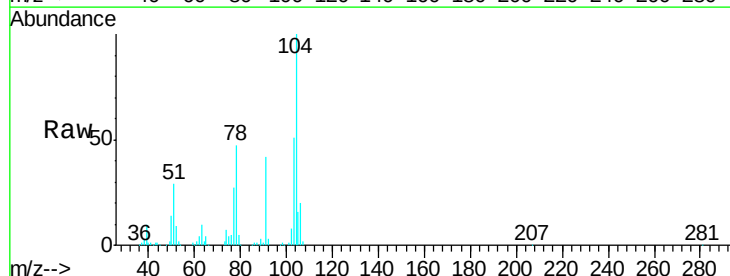
Tgt Ion:104 Resp: 225436

Ion Ratio Lower Upper

104 100

78 51.3 41.2 61.8

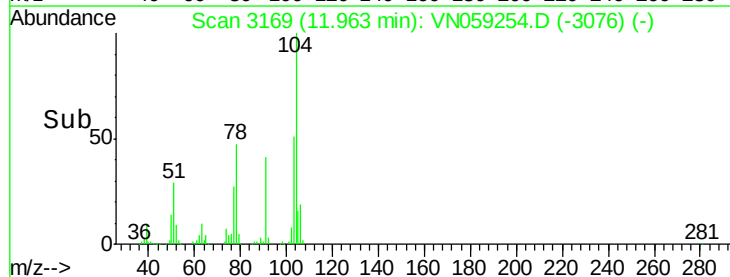
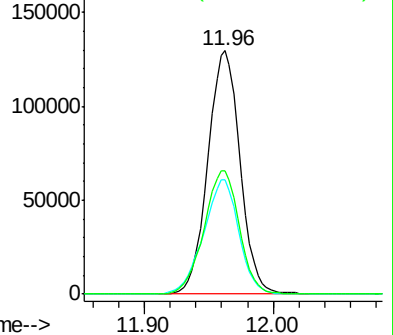
103 55.3 43.8 65.6

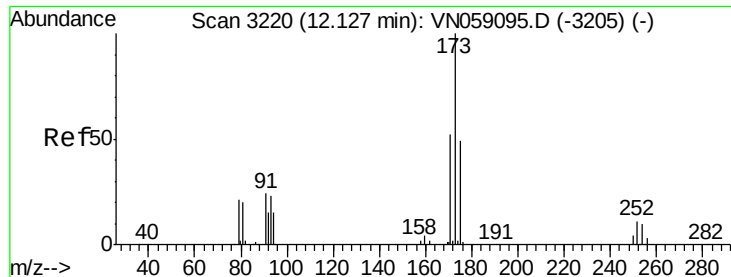


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V

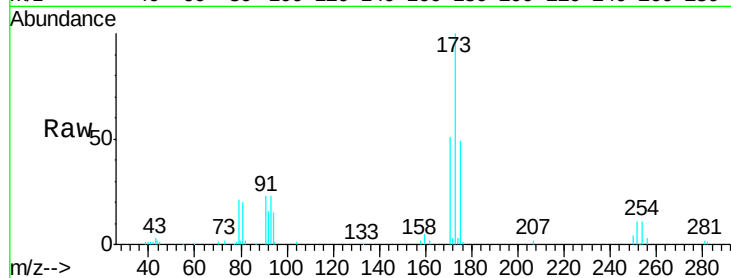




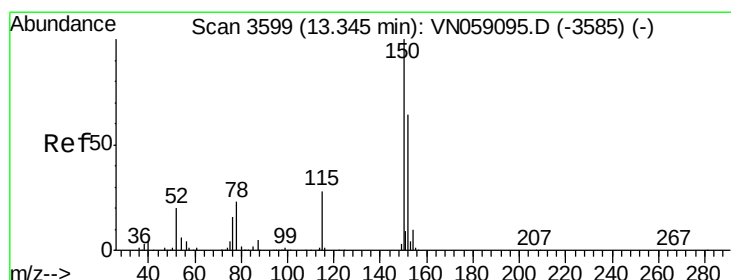
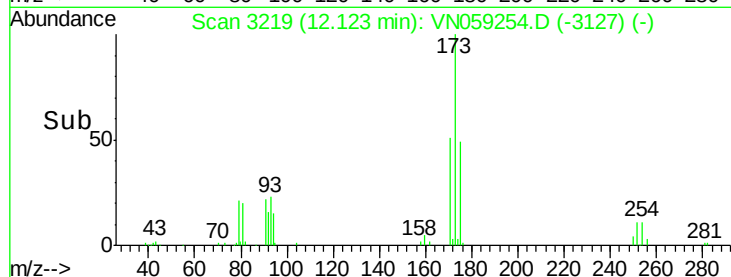
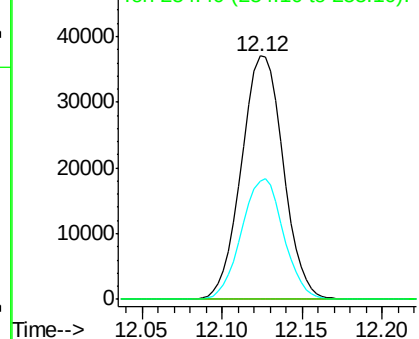
#71
Bromoform
Concen: 21.295 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:173 Resp: 66156
Ion Ratio Lower Upper
173 100
175 49.5 24.2 72.6
254 0.0 0.1 0.1#

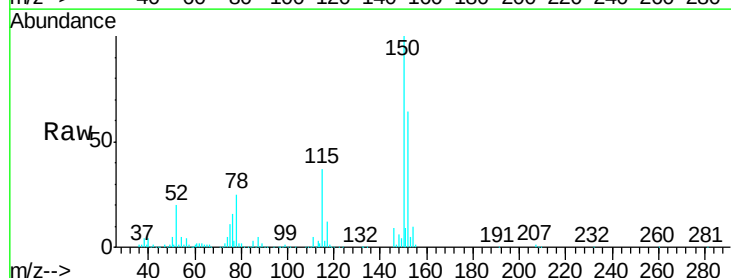


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

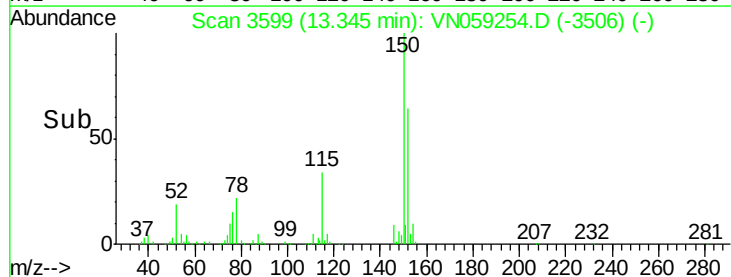
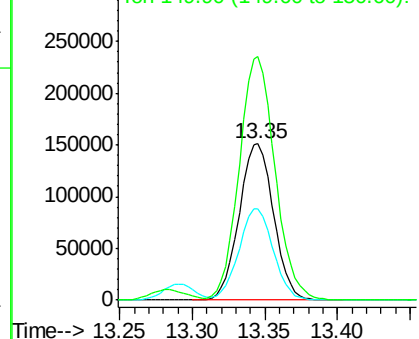


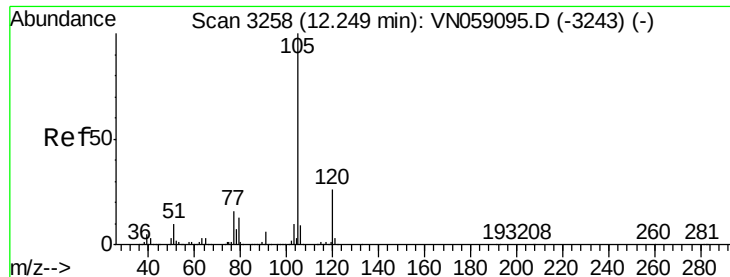
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion:152 Resp: 248848
Ion Ratio Lower Upper
152 100
115 58.3 29.4 88.2
150 161.9 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: 21.391 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

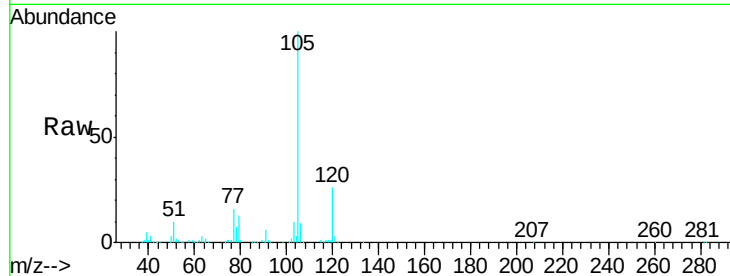
VN1115WBSD01

Tgt Ion: 105 Resp: 387212

Ion Ratio Lower Upper

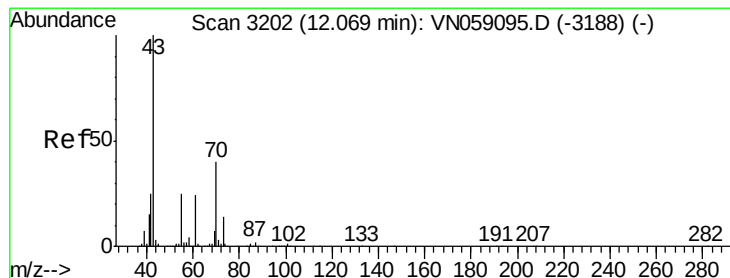
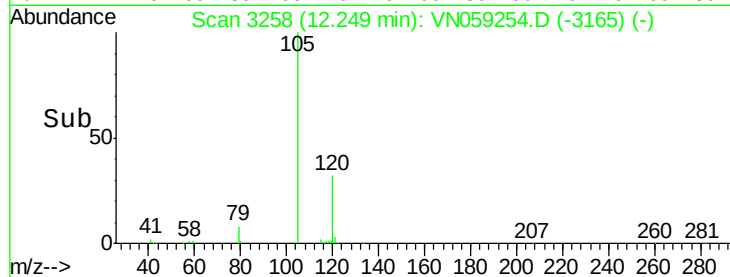
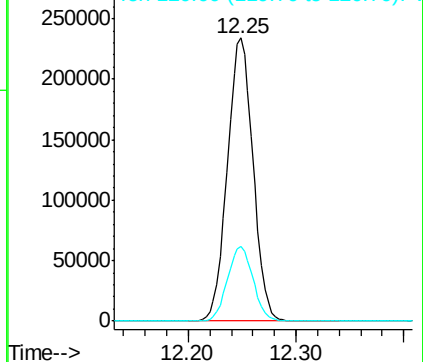
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.561 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Tgt Ion: 43 Resp: 157705

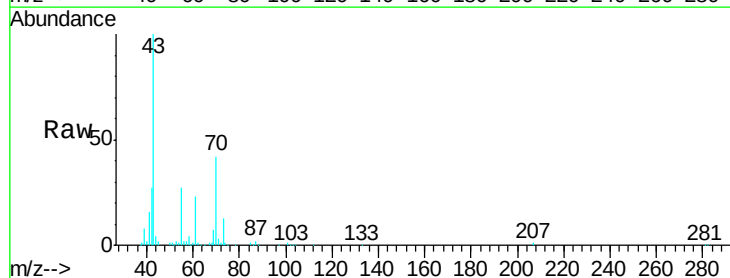
Ion Ratio Lower Upper

43 100

70 42.1 32.2 48.4

55 27.3 20.4 30.6

61 23.6 19.3 28.9

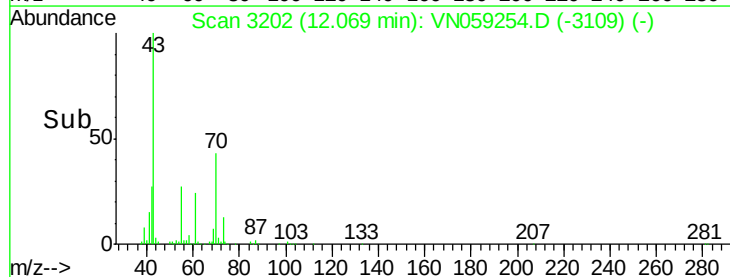
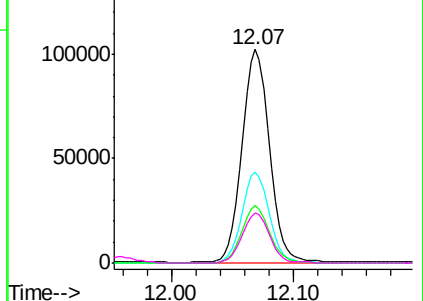


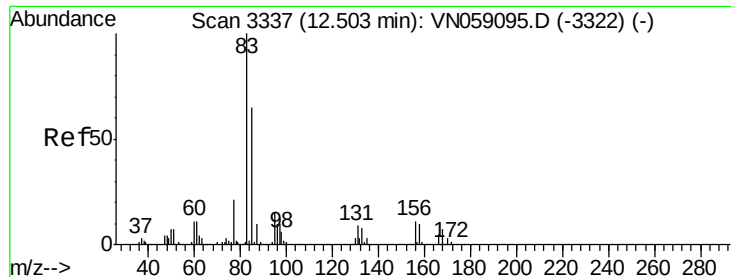
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.324 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

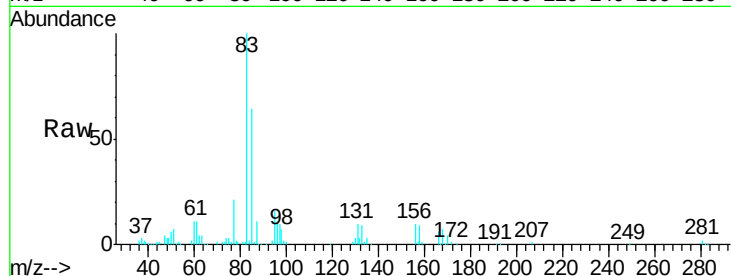
Tgt Ion: 83 Resp: 137612

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

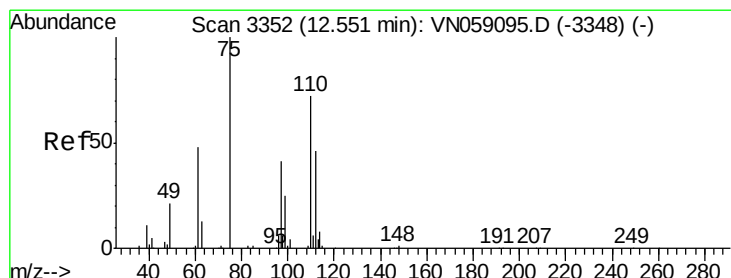
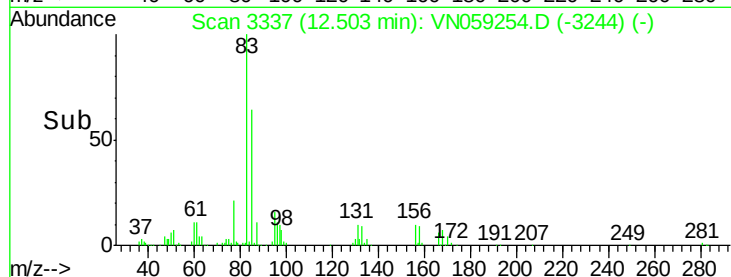
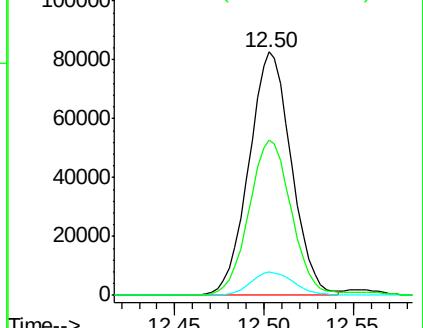
85 64.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059254.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059254.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059254.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 31.319 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059254.D

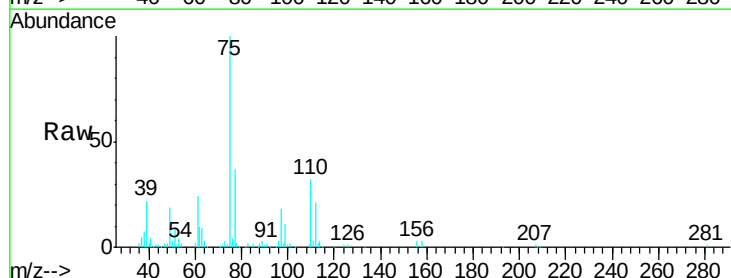
Acq: 15 Nov 2019 10:56

Tgt Ion: 75 Resp: 177438

Ion Ratio Lower Upper

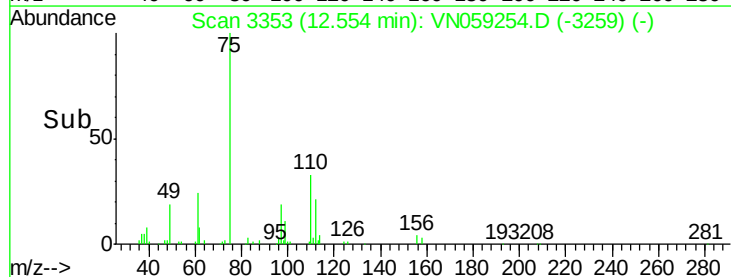
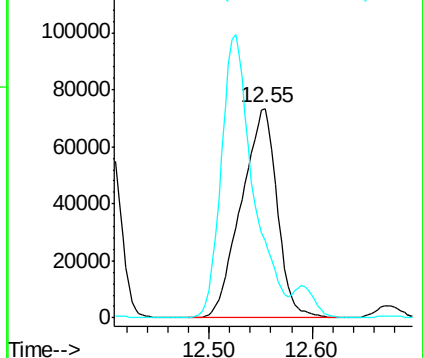
75 100

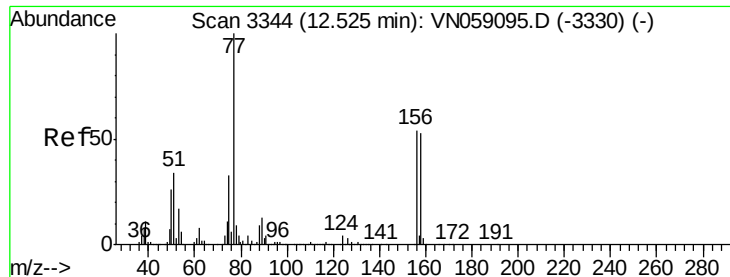
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059254.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN059254.D (-3353) (-)





#77

Bromobenzene

Concen: 20.777 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

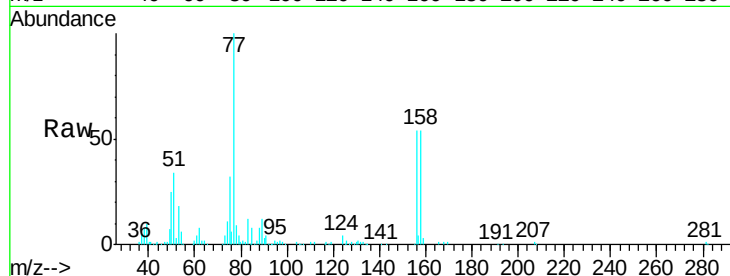
Tgt Ion:156 Resp: 94488

Ion Ratio Lower Upper

156 100

77 226.5 112.8 338.3

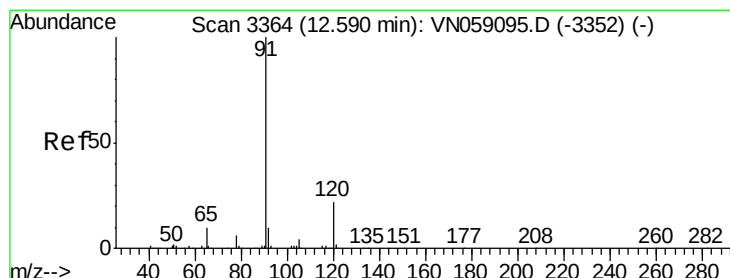
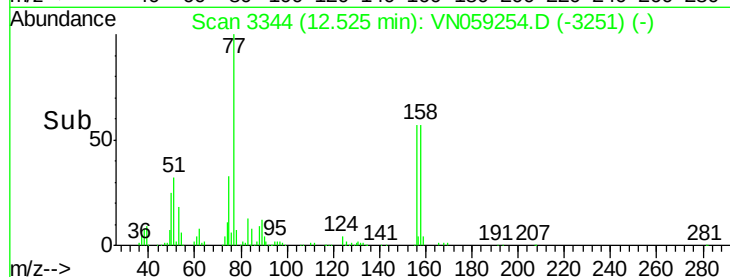
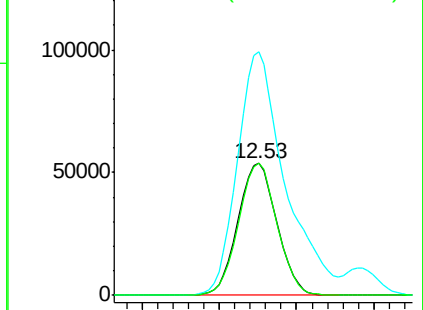
158 98.1 48.4 145.3



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: 21.283 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059254.D

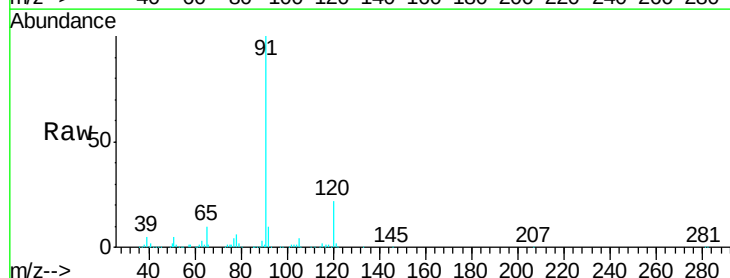
Acq: 15 Nov 2019 10:56

Tgt Ion: 91 Resp: 441117

Ion Ratio Lower Upper

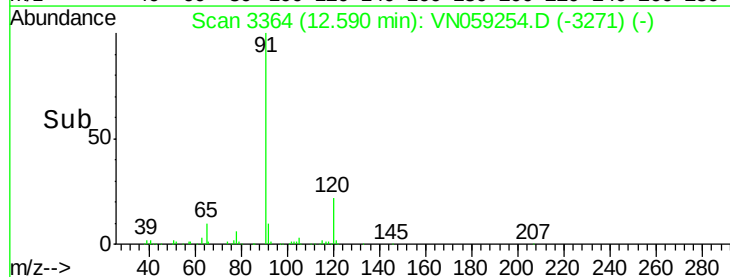
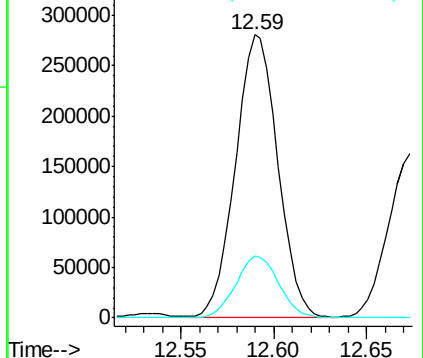
91 100

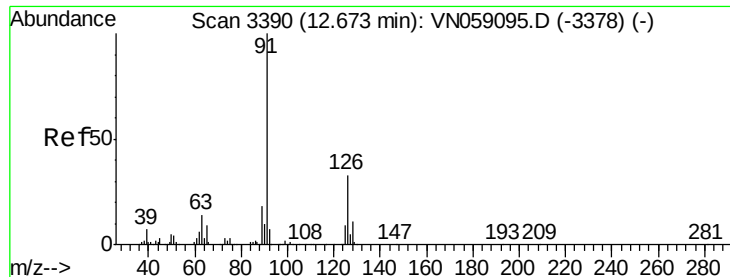
120 22.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.813 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

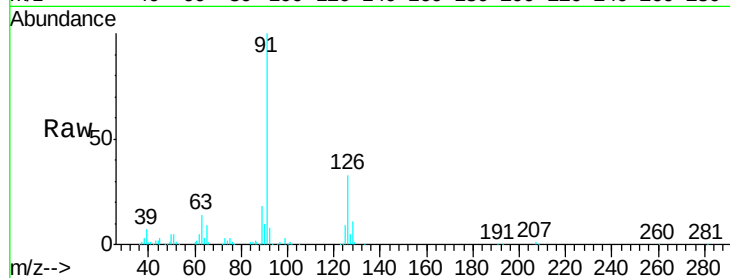
VN1115WBSD01

Tgt Ion: 91 Resp: 267598

Ion Ratio Lower Upper

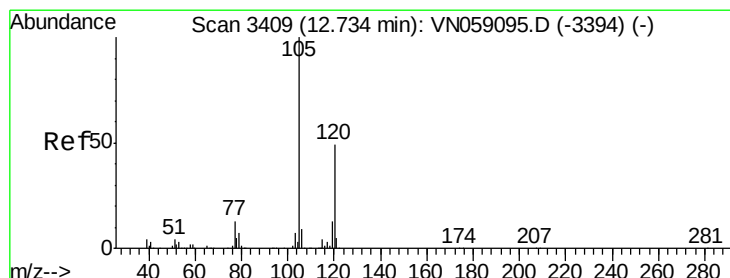
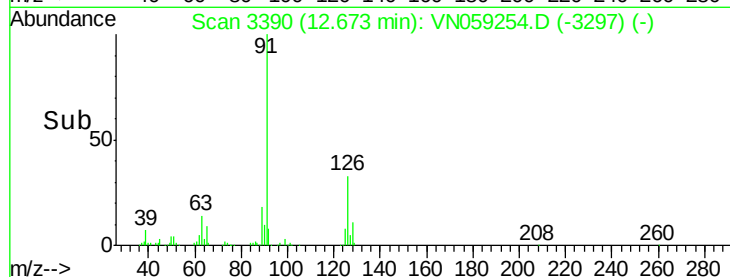
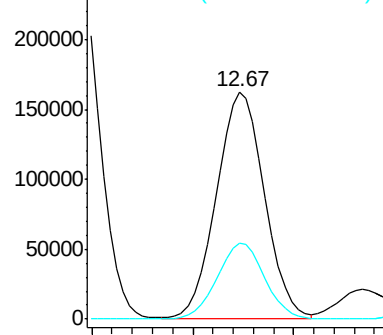
91 100

126 33.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN059095.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.099 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059254.D

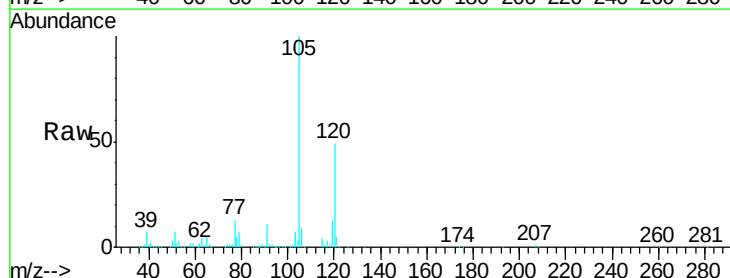
Acq: 15 Nov 2019 10:56

Tgt Ion: 105 Resp: 323614

Ion Ratio Lower Upper

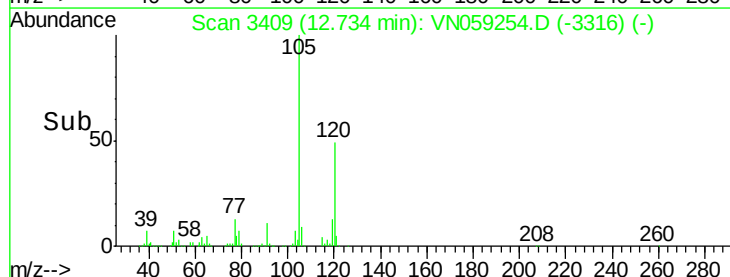
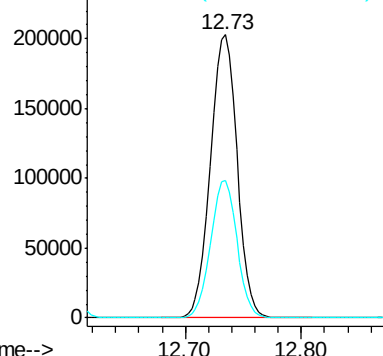
105 100

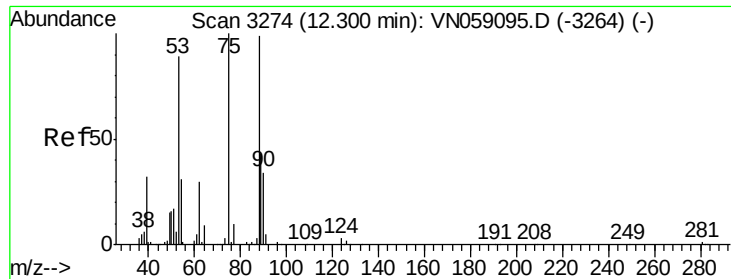
120 48.0 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059095.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN059095.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.757 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

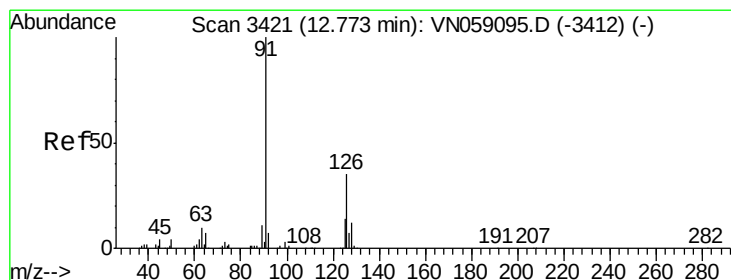
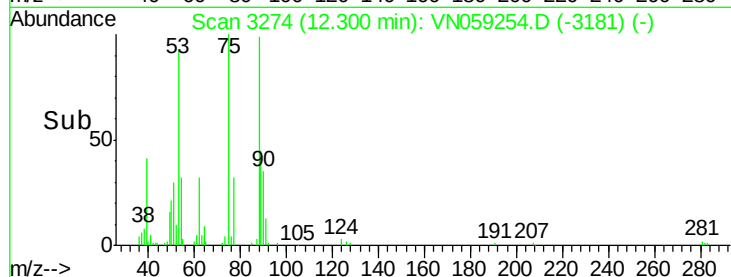
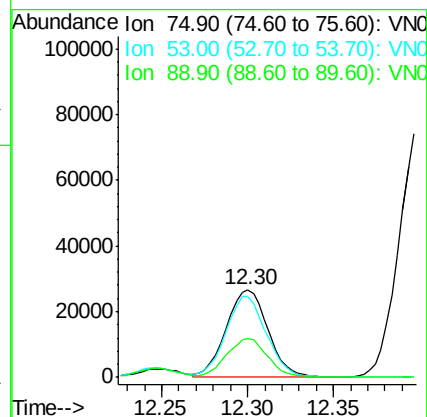
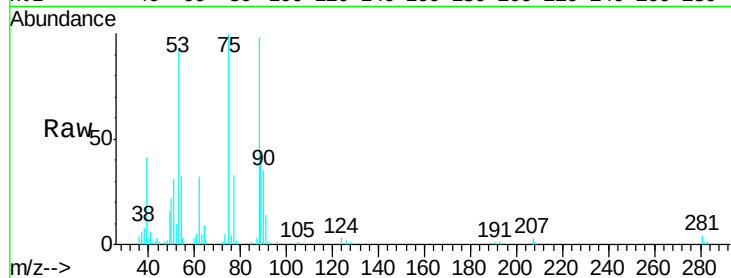
Tgt Ion: 75 Resp: 44524

Ion Ratio Lower Upper

75 100

53 91.7 72.2 108.2

89 44.0 35.8 53.8



#82

4-Chlorotoluene

Concen: 20.606 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059254.D

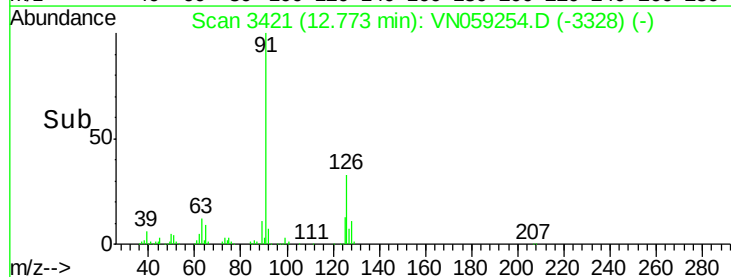
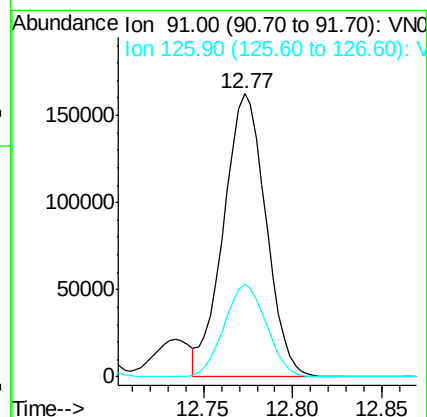
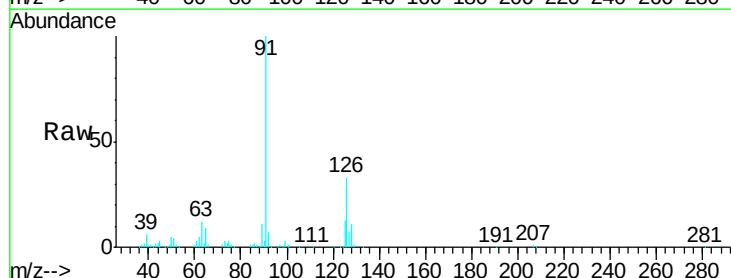
Acq: 15 Nov 2019 10:56

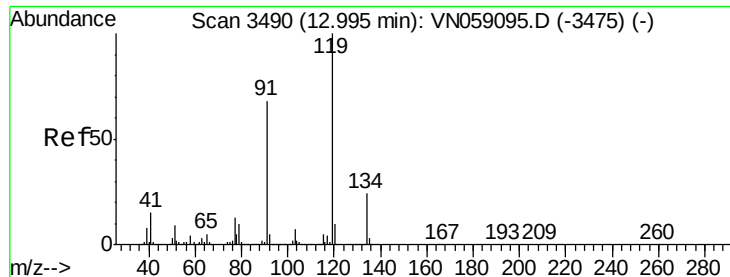
Tgt Ion: 91 Resp: 265726

Ion Ratio Lower Upper

91 100

126 32.7 16.1 48.2

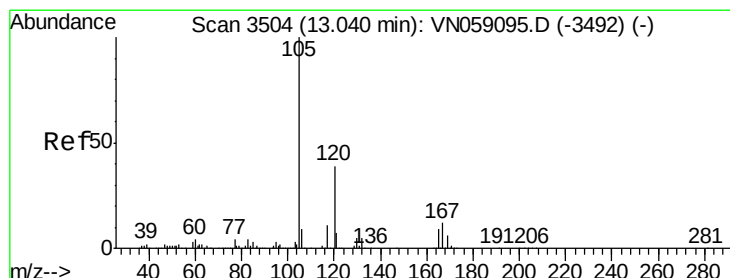
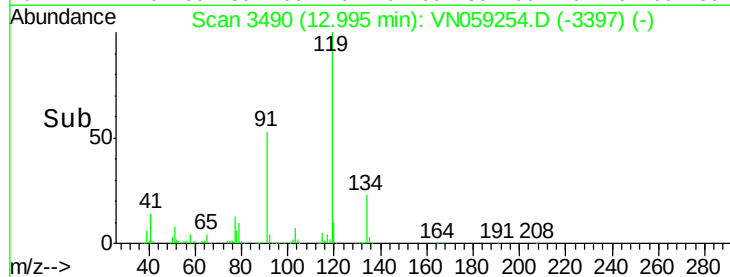
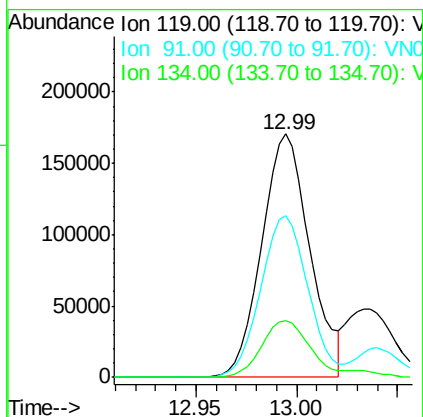
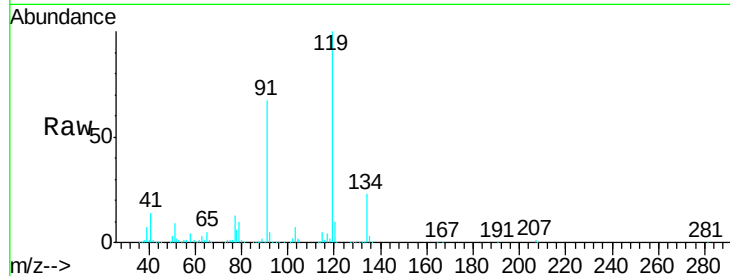




#83
 tert-Butylbenzene
 Concen: 21.360 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

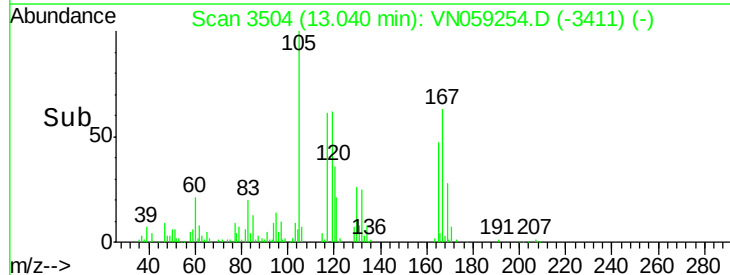
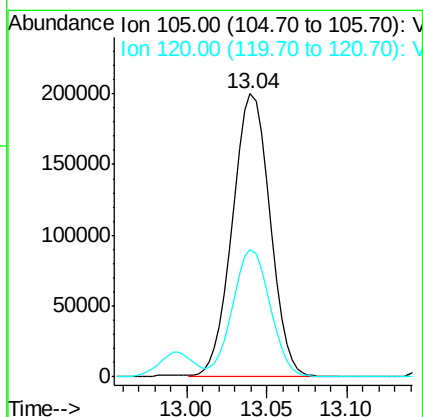
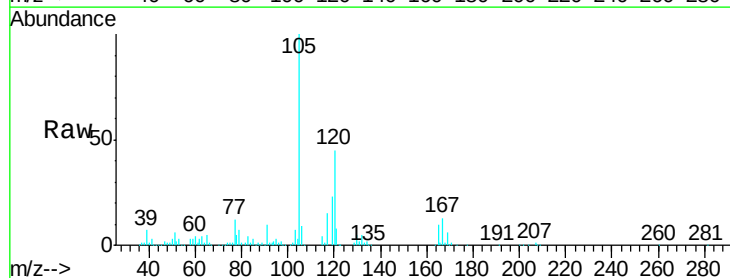
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

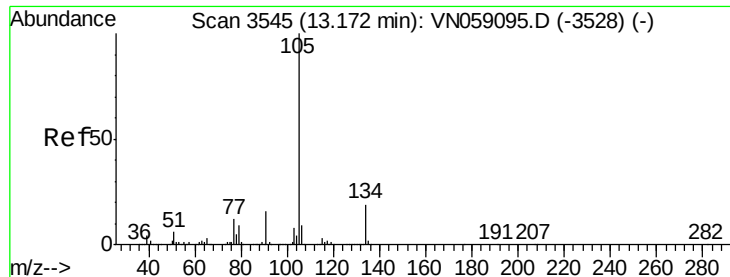
Tgt Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.2	99.6
134	25.5	12.7	38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 21.494 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.8	68.4





#85

sec-Butylbenzene

Concen: 21.581 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampled :

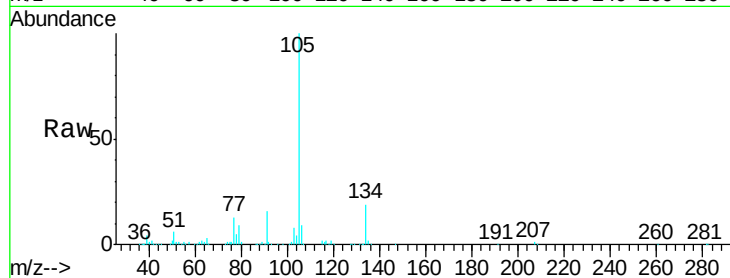
VN1115WBSD01

Tgt Ion:105 Resp: 371762

Ion Ratio Lower Upper

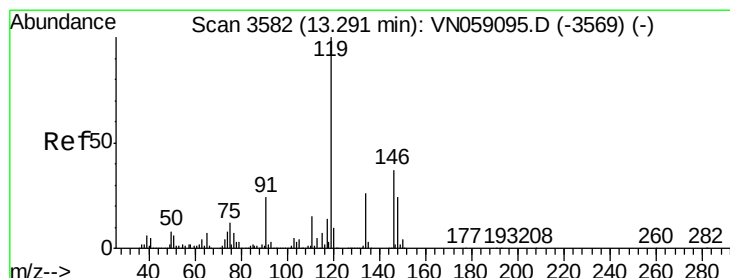
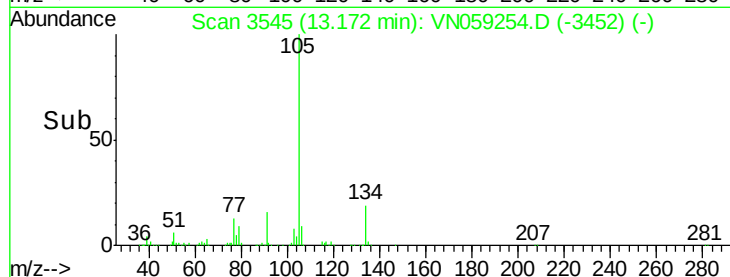
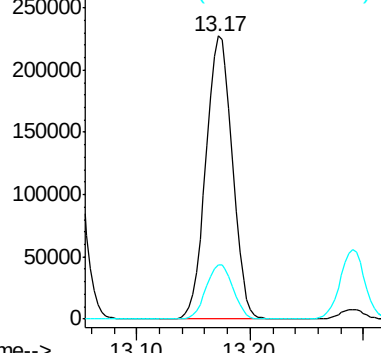
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.534 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

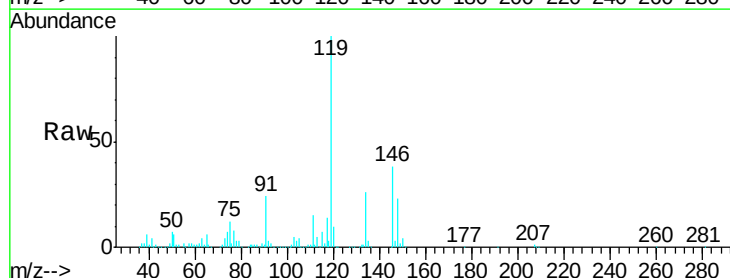
Tgt Ion:119 Resp: 327552

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

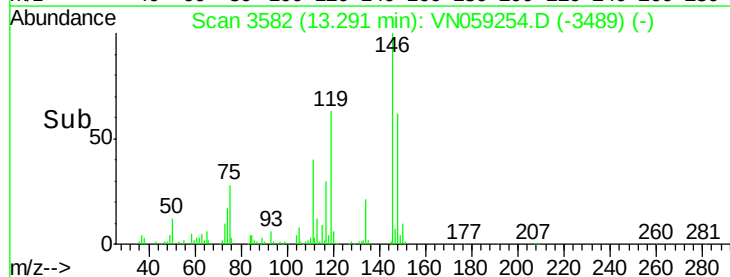
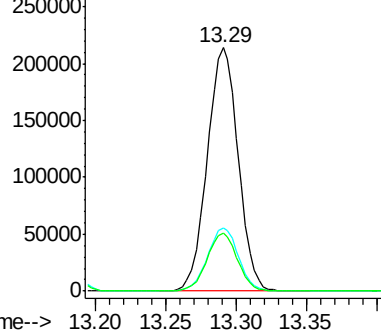
91 23.3 11.7 35.1

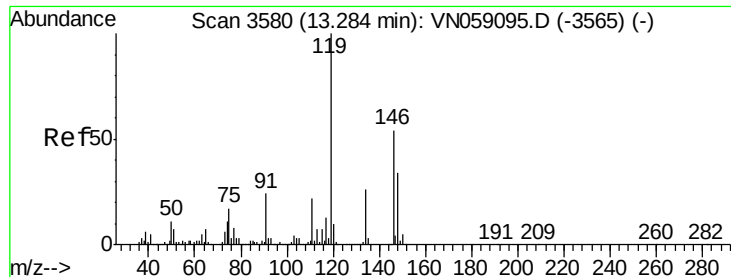


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.899 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

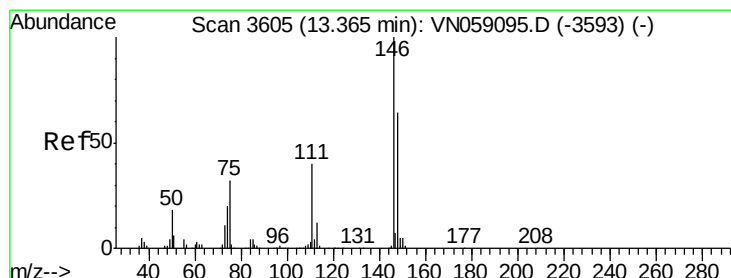
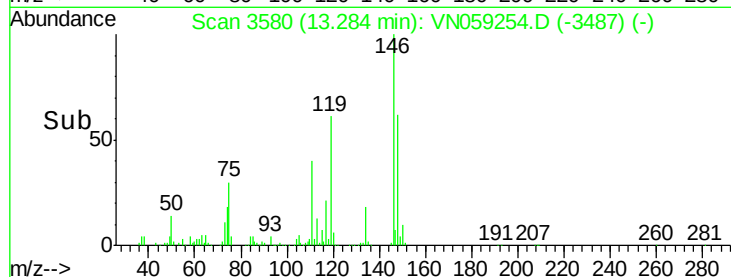
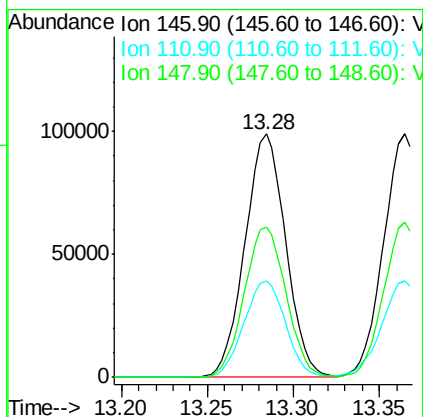
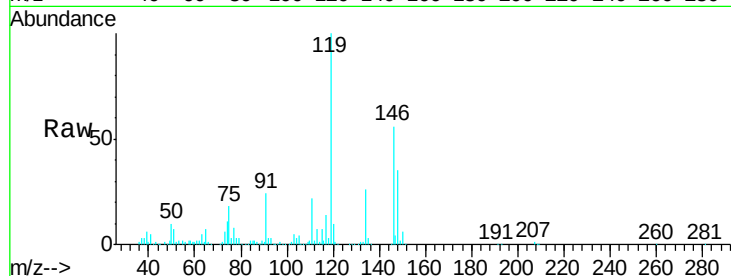
Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

Tgt Ion:	146	Resp:	162757
Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.3	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 20.776 ug/l

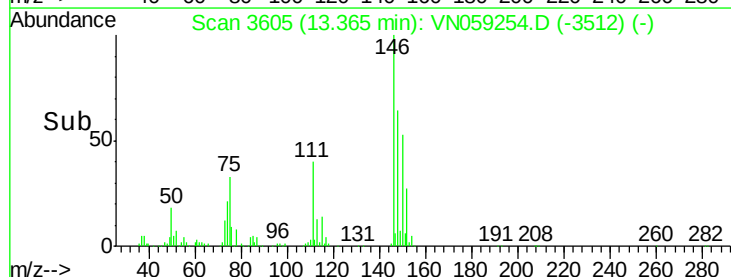
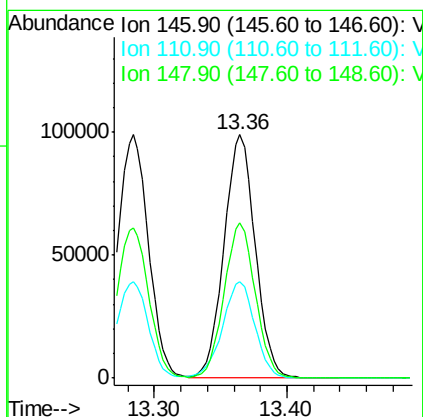
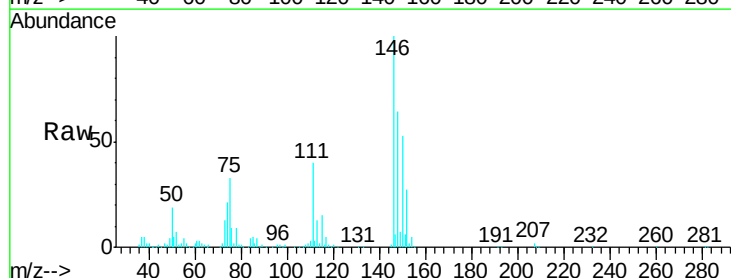
RT: 13.36 min Scan# 3605

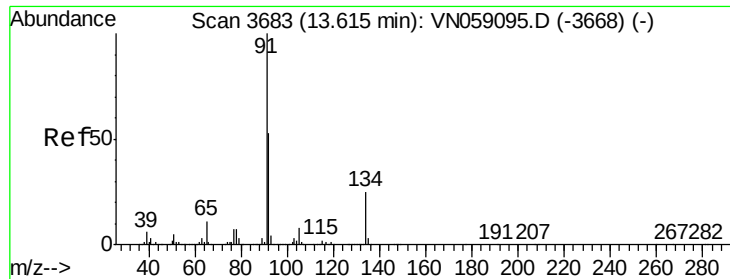
Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Tgt Ion:	146	Resp:	161882
Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.3	60.9
148	63.8	31.9	95.7





#89

n-Butylbenzene

Concen: 20.203 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059254.D

Acq: 15 Nov 2019 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN1115WBSD01

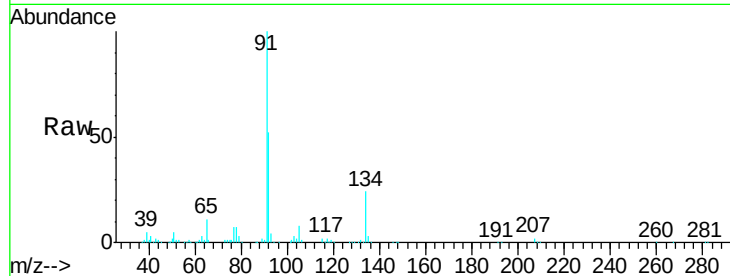
Tgt Ion: 91 Resp: 268956

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

134 25.0 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN059254.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059254.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059254.D (-3668) (-)

13.62

150000

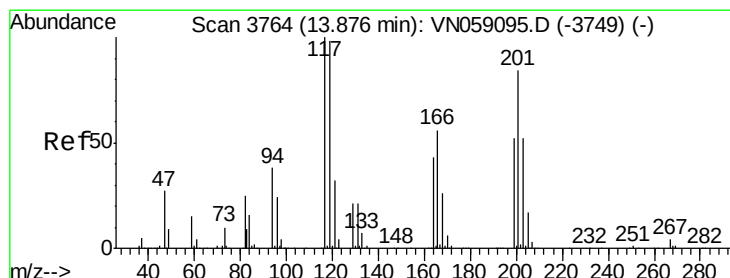
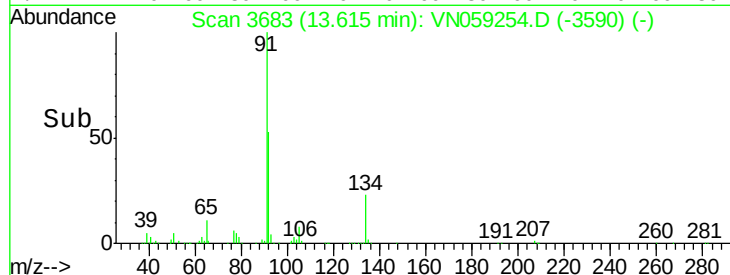
100000

50000

0

13.55 13.60 13.65 13.70

Time-->



#90

Hexachloroethane

Concen: 20.419 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059254.D

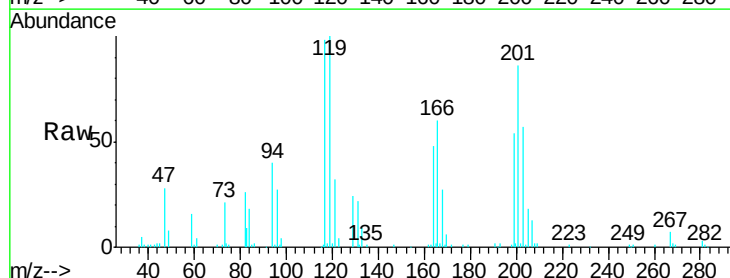
Acq: 15 Nov 2019 10:56

Tgt Ion: 117 Resp: 62366

Ion Ratio Lower Upper

117 100

201 83.2 41.8 125.3



Abundance Ion 116.80 (116.50 to 117.50): VN059254.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN059254.D (-3749) (-)

13.88

40000

30000

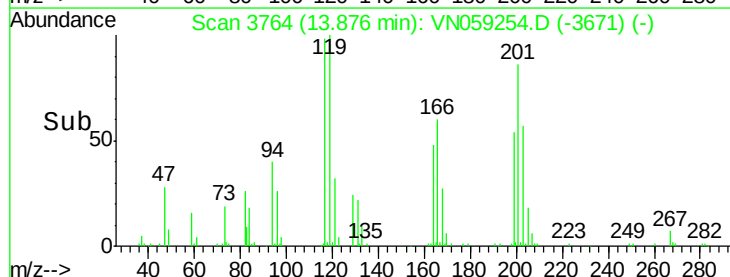
20000

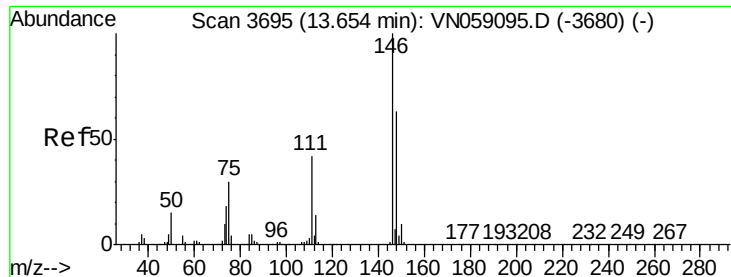
10000

0

13.80 13.85 13.90 13.95

Time-->

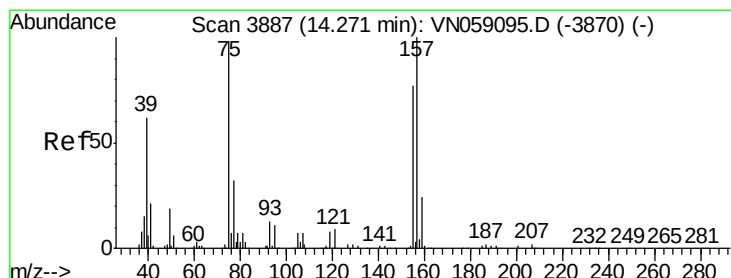
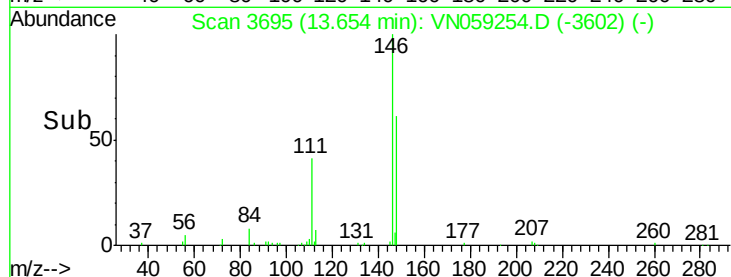
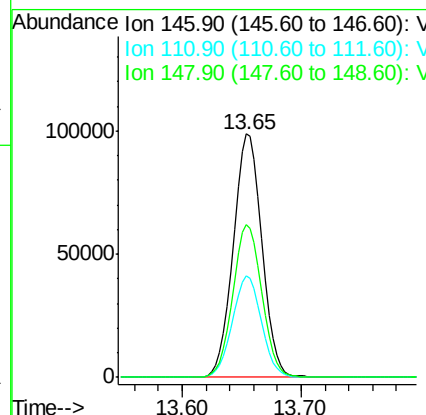
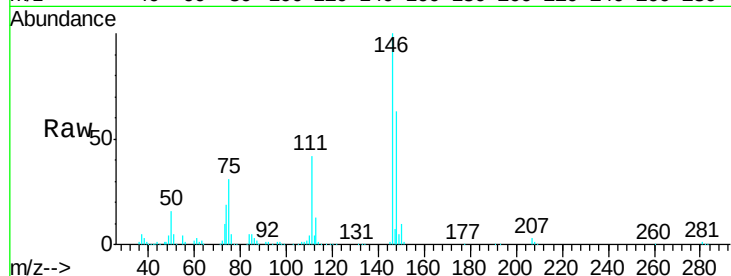




#91
 1,2-Dichlorobenzene
 Concen: 21.477 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

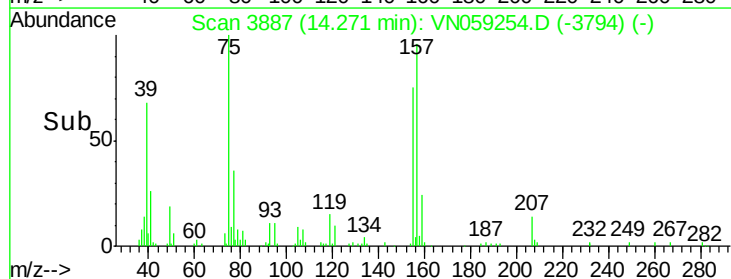
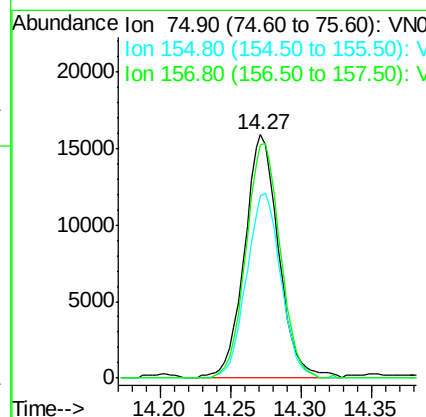
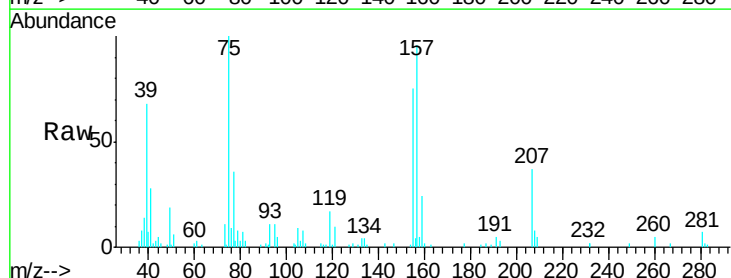
Instrument :
 MSVOA_N
 ClientSampled :
 VN1115WBSD01

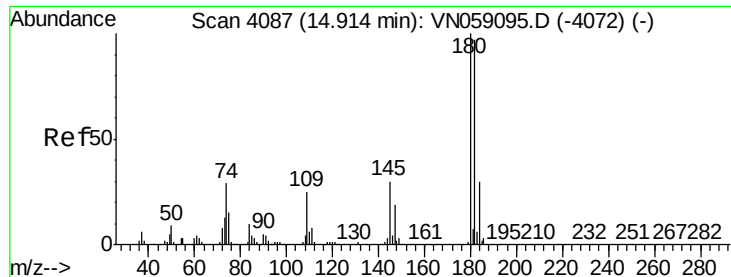
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	63.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.005 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.0	40.2	120.6
157	96.2	51.8	155.5

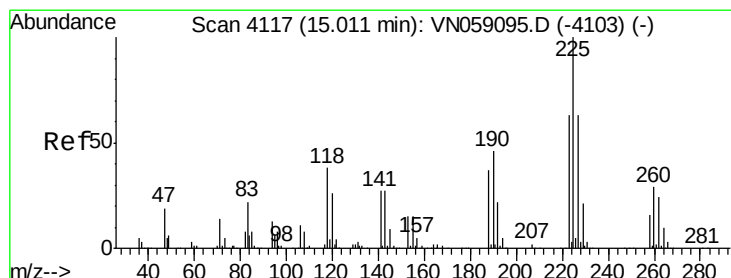
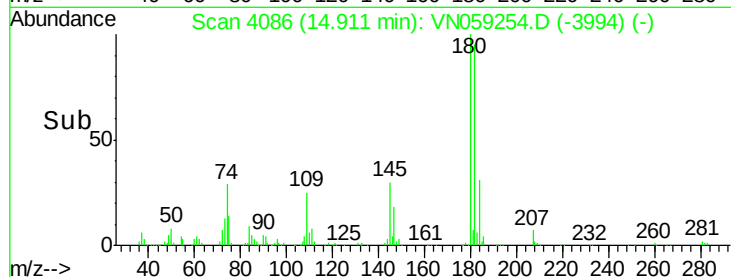
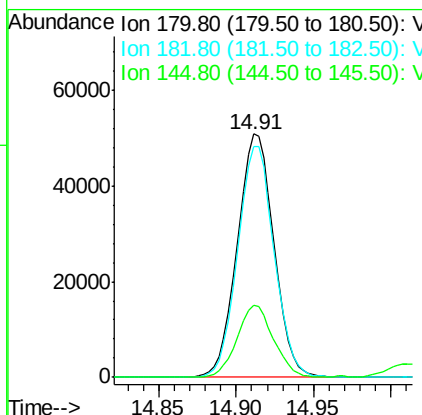
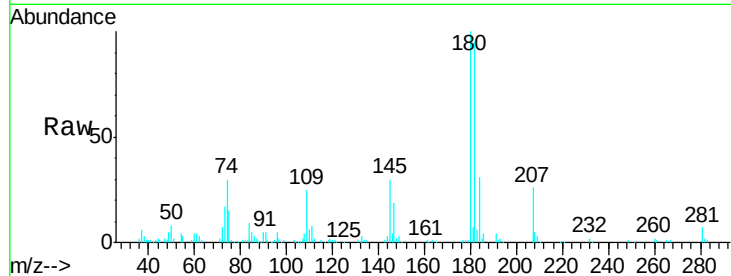




#93
 1,2,4-Trichlorobenzene
 Concen: 19.953 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

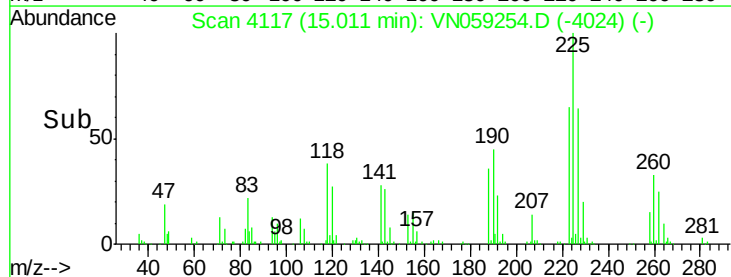
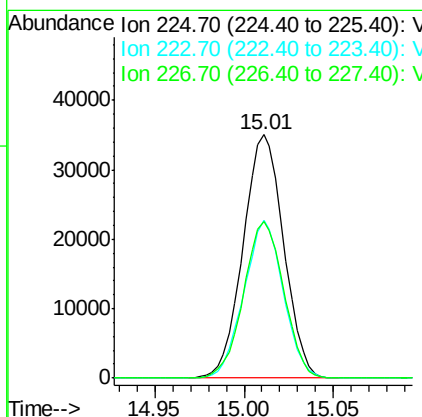
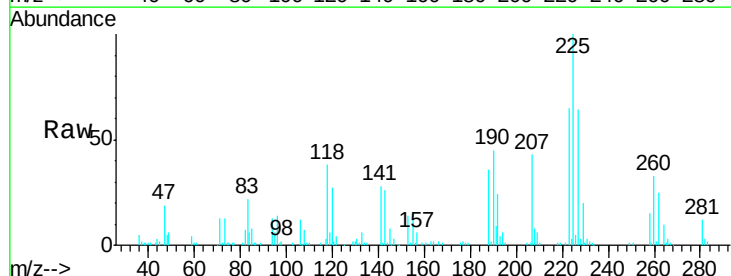
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

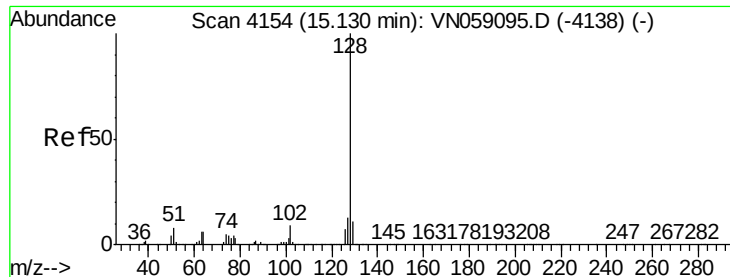
Tgt Ion:180 Resp: 83680
 Ion Ratio Lower Upper
 180 100
 182 94.7 48.1 144.3
 145 29.5 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 21.026 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059254.D
 Acq: 15 Nov 2019 10:56

Tgt Ion:225 Resp: 55541
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.9
 227 63.7 31.5 94.5

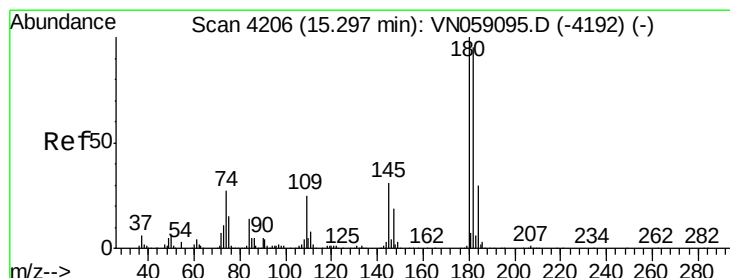
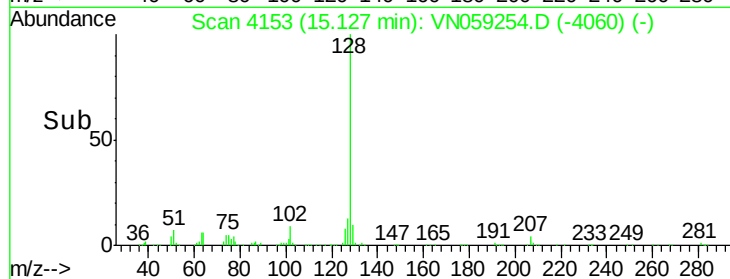
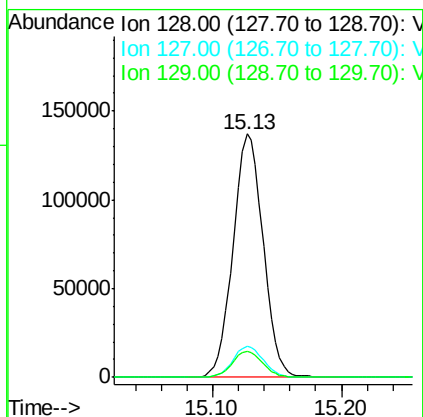
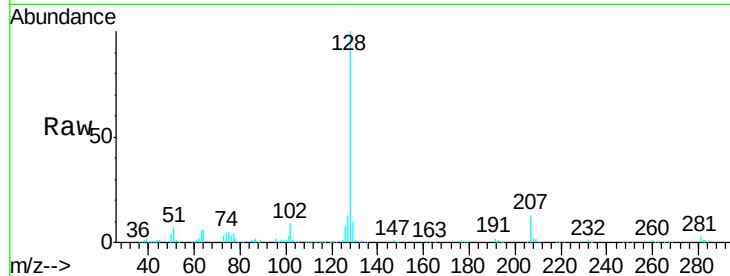




#95
Naphthalene
Concen: 19.236 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN1115WBSD01

Tgt Ion:128 Resp: 222333
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.009 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059254.D
Acq: 15 Nov 2019 10:56

Tgt Ion:180 Resp: 85905
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.8
145 33.2 15.8 47.3

