

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111919\
 Data File : VN059300.D
 Acq On : 19 Nov 2019 12:24
 Operator : JC/SP
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 20 00:43:08 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	384601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	613491	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	547237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	229143	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
35) Dibromofluoromethane	7.57	113	189824	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.08	98	702230	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	12.40	95	260886	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	130371	33.644	ug/l	99
3) Chloromethane	2.04	50	147972	28.092	ug/l	98
4) Vinyl Chloride	2.17	62	158771	31.090	ug/l	99
5) Bromomethane	2.54	94	82017	27.908	ug/l	99
6) Chloroethane	2.68	64	80072	26.505	ug/l	98
7) Trichlorofluoromethane	3.00	101	155529	25.461	ug/l	99
8) Diethyl Ether	3.39	74	65465	26.376	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	97994	26.607	ug/l	99
10) Methyl Iodide	3.93	142	112062	24.581	ug/l	99
11) Tert butyl alcohol	4.75	59	104117	115.557	ug/l	100
12) 1,1-Dichloroethene	3.71	96	95950	26.744	ug/l	98
13) Acrolein	3.58	56	39036	84.032	ug/l	99
14) Allyl chloride	4.29	41	182059	24.704	ug/l	98
15) Acrylonitrile	4.95	53	279043	124.446	ug/l	100
16) Acetone	3.79	43	233158	94.837	ug/l	98
17) Carbon Disulfide	4.03	76	311058	27.930	ug/l	100
18) Methyl Acetate	4.29	43	157793	27.040	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	327857	26.543	ug/l	98
20) Methylene Chloride	4.52	84	111783	26.099	ug/l	94
21) trans-1,2-Dichloroethene	5.01	96	105018	27.270	ug/l	99
22) Diisopropyl ether	5.92	45	357450	25.679	ug/l	98
23) Vinyl Acetate	5.86	43	1389341	128.781	ug/l	99
24) 1,1-Dichloroethane	5.82	63	197107	25.352	ug/l	98
25) 2-Butanone	6.81	43	361573	111.590	ug/l	99
26) 2,2-Dichloropropane	6.80	77	167008	24.566	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	116908	26.166	ug/l	98
28) Bromochloromethane	7.17	49	48922	20.915	ug/l	98
29) Tetrahydrofuran	7.18	42	251191	122.008	ug/l	98
30) Chloroform	7.35	83	195564	26.221	ug/l	94
31) Cyclohexane	7.63	56	189635	25.765	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	163434	26.064	ug/l	99
36) 1,1-Dichloropropene	7.77	75	149974	26.154	ug/l	100
37) Ethyl Acetate	6.90	43	150868	23.650	ug/l	98
38) Carbon Tetrachloride	7.75	117	144483	25.315	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	180963	27.191	ug/l	97
40) Benzene	8.02	78	445738	25.813	ug/l	99
41) Methacrylonitrile	7.18	41	219164	79.007	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	147041	24.828	ug/l	100
43) Isopropyl Acetate	8.14	43	238942	23.494	ug/l	98
44) Trichloroethene	8.82	130	111815	26.342	ug/l	98
45) 1,2-Dichloropropane	9.10	63	119044	25.381	ug/l	99
46) Dibromomethane	9.19	93	72823	24.916	ug/l	98
47) Bromodichloromethane	9.39	83	145468	24.925	ug/l	97
48) Methyl methacrylate	9.18	41	108623	23.878	ug/l	98
49) 1,4-Dioxane	9.18	88	34803	430.494	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	745197	129.497	ug/l	100
52) Toluene	10.15	92	271123	26.195	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	168726	25.023	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	184503	25.438	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	105241	25.125	ug/l	100
56) Ethyl methacrylate	10.42	69	157661	23.595	ug/l	98
57) 1,3-Dichloropropane	10.70	76	183164	25.407	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	273790	117.449	ug/l	98
59) 2-Hexanone	10.74	43	528108	119.566	ug/l	98
60) Dibromochloromethane	10.90	129	109837	24.801	ug/l	99
61) 1,2-Dibromoethane	11.00	107	108111	25.496	ug/l	100
64) Tetrachloroethene	10.62	164	99355	26.700	ug/l	99
65) Chlorobenzene	11.43	112	280571	26.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	102457	25.603	ug/l	98
67) Ethyl Benzene	11.51	91	510569	26.976	ug/l	98
68) m/p-Xylenes	11.62	106	385241	54.337	ug/l	98
69) o-Xylene	11.95	106	183897	26.840	ug/l	96
70) Styrene	11.96	104	282382	26.205	ug/l	99
71) Bromoform	12.13	173	76254	24.498	ug/l #	99
73) Isopropylbenzene	12.25	105	491113	27.408	ug/l	100
74) N-amyl acetate	12.07	43	185556	24.439	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	152714	25.027	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	201913	36.003	ug/l #	100
77) Bromobenzene	12.53	156	115956	25.757	ug/l	97
78) n-propylbenzene	12.59	91	556226	27.111	ug/l	99
79) 2-Chlorotoluene	12.67	91	333397	26.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	412575	27.173	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	52092	24.534	ug/l	99
82) 4-Chlorotoluene	12.77	91	339460	26.592	ug/l	99
83) tert-Butylbenzene	12.99	119	349467	26.653	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	402131	27.375	ug/l	100
85) sec-Butylbenzene	13.17	105	461495	27.063	ug/l	100
86) p-Isopropyltoluene	13.29	119	412486	27.395	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	199603	25.892	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	198535	25.740	ug/l	100
89) n-Butylbenzene	13.62	91	349030	26.485	ug/l	99
90) Hexachloroethane	13.88	117	75579	24.997	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	197807	26.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30412	24.994	ug/l	97

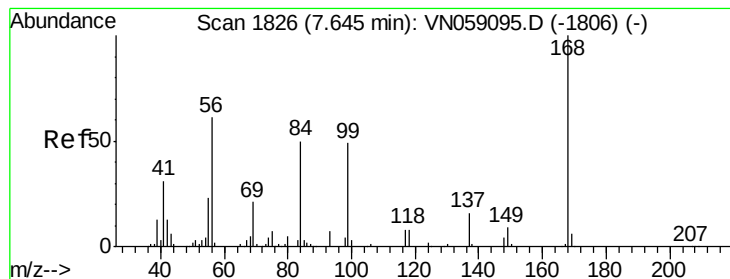
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	102989	24.067	ug/l	99
94) Hexachlorobutadiene	15.01	225	70308	26.888	ug/l	98
95) Naphthalene	15.13	128	261567	22.288	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	100647	23.682	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: VN059300.D

Acq: 19 Nov 2019 12:24

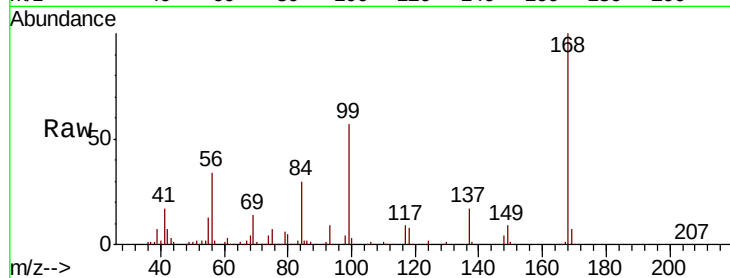
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 384601

Ion Ratio Lower Upper

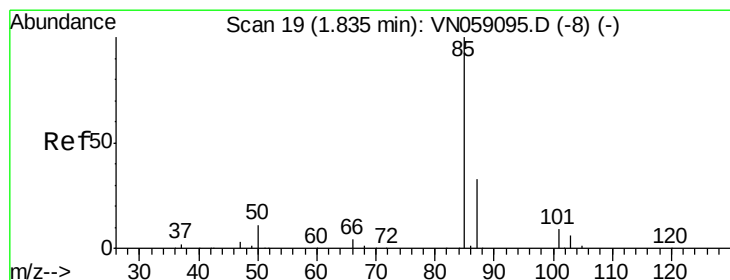
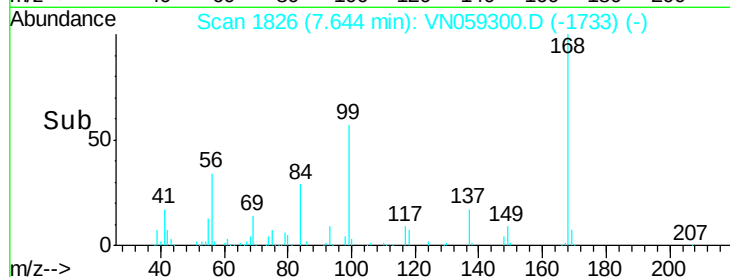
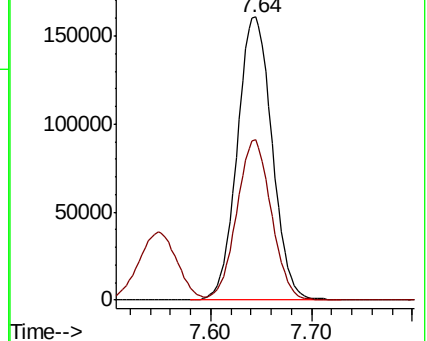
168 100

99 56.5 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 33.644 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059300.D

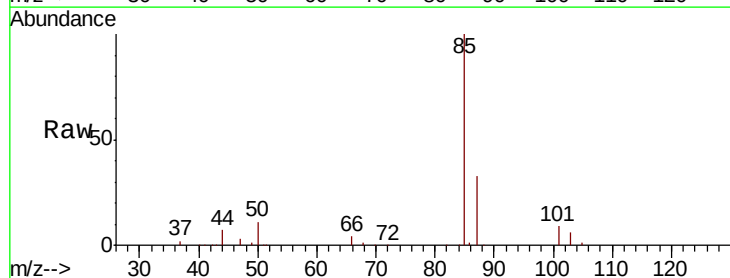
Acq: 19 Nov 2019 12:24

Tgt Ion: 85 Resp: 130371

Ion Ratio Lower Upper

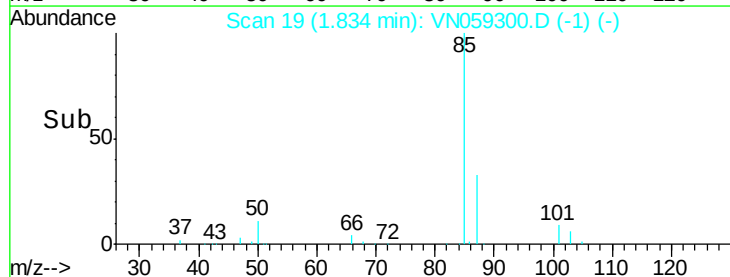
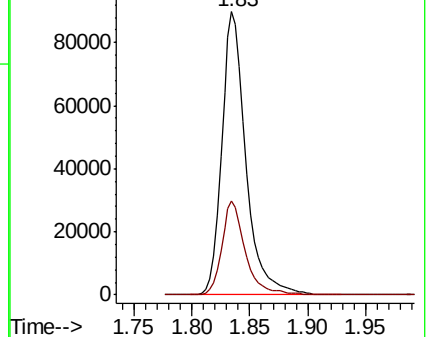
85 100

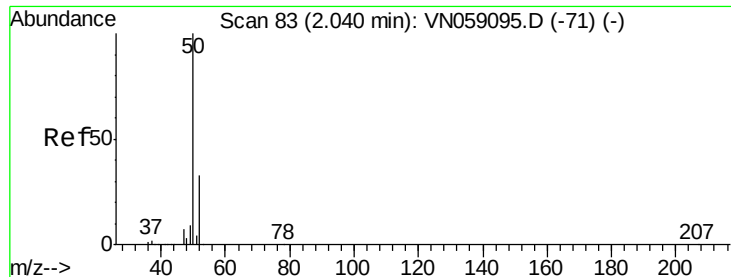
87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 28.092 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

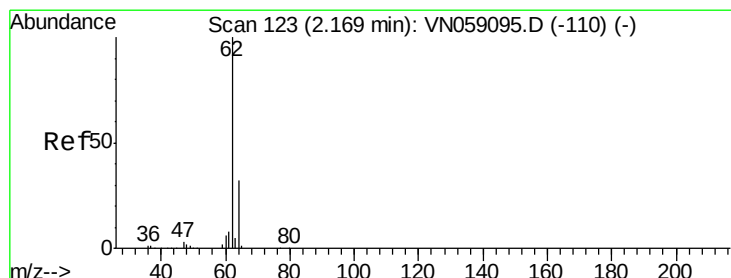
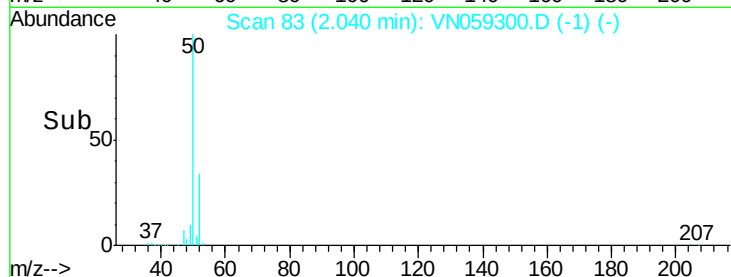
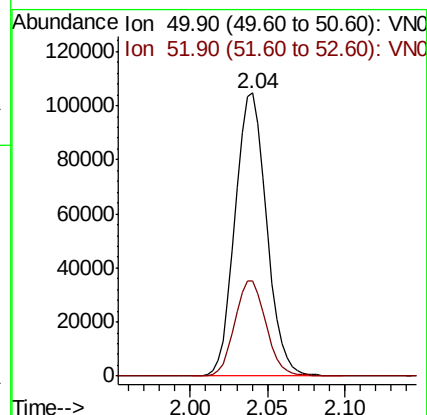
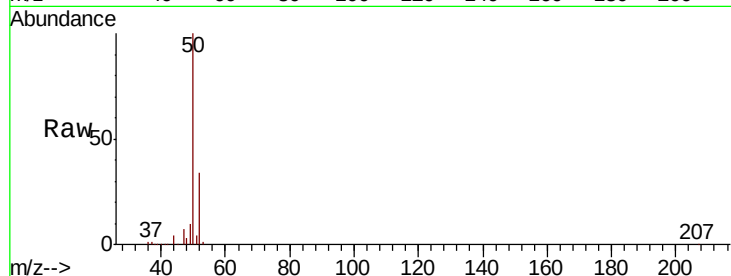
ClientSampleId :

Tot Ion: 50 Resp: 147972

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 31.090 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059300.D

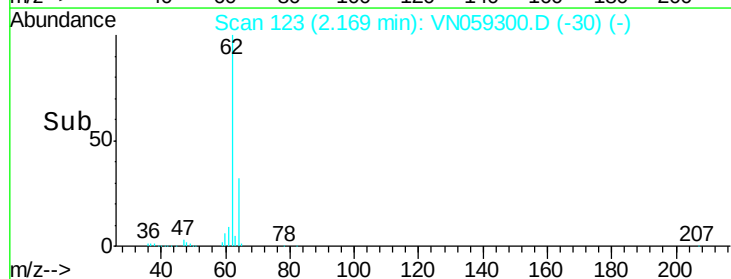
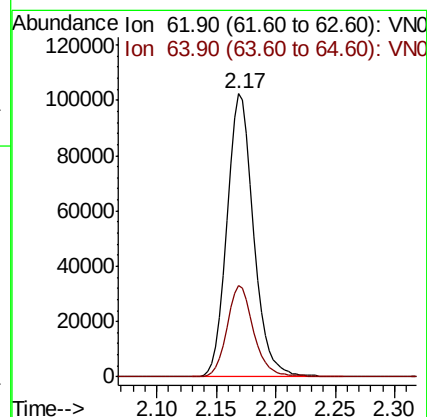
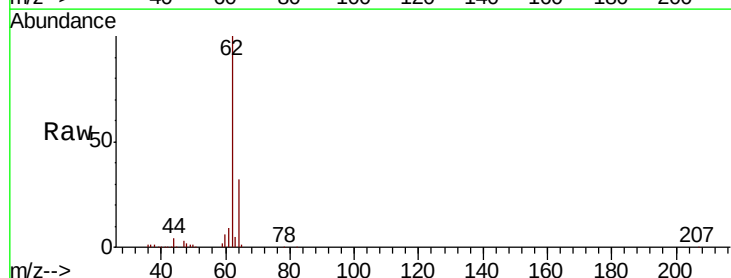
Acq: 19 Nov 2019 12:24

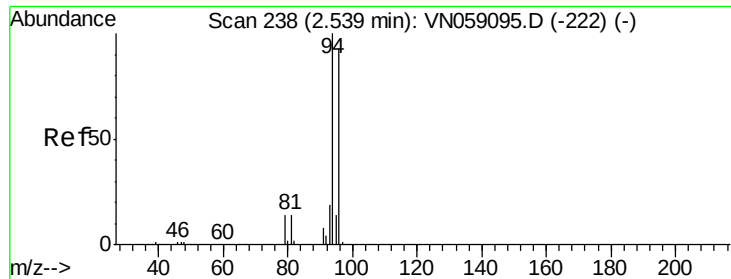
Tgt Ion: 62 Resp: 158771

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 27.908 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

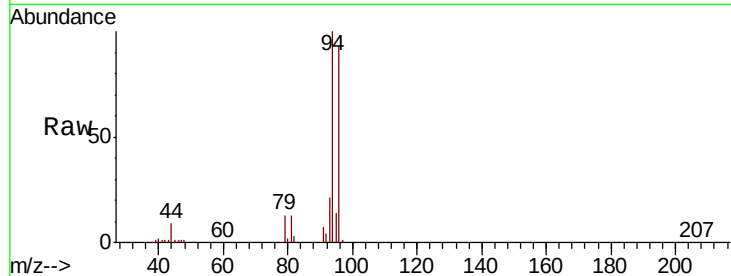
ClientSampled :

Tot Ion: 94 Resp: 82017

Ion Ratio Lower Upper

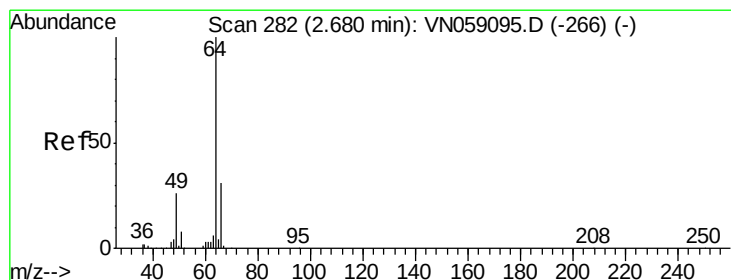
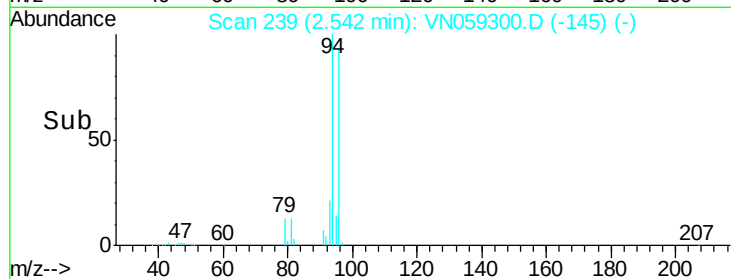
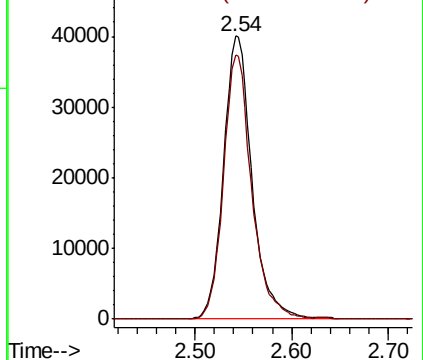
94 100

96 93.4 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 26.505 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059300.D

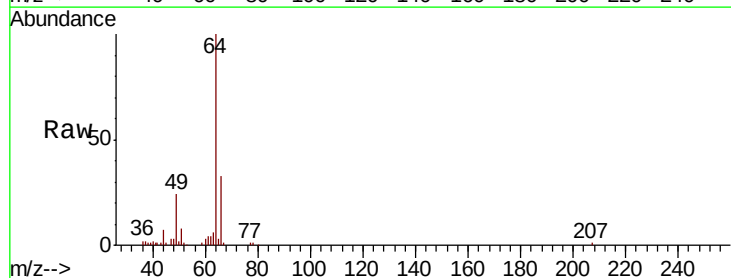
Acq: 19 Nov 2019 12:24

Tgt Ion: 64 Resp: 80072

Ion Ratio Lower Upper

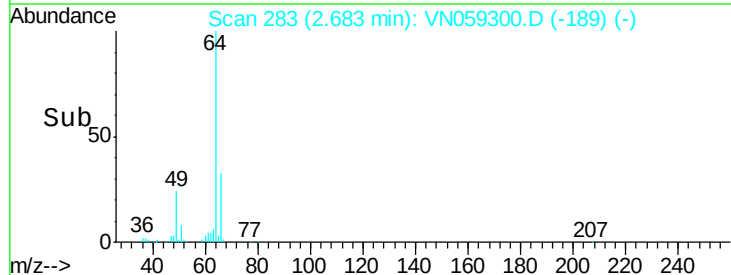
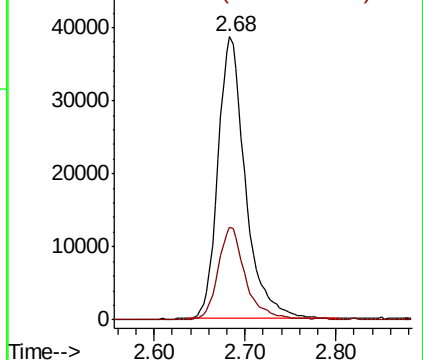
64 100

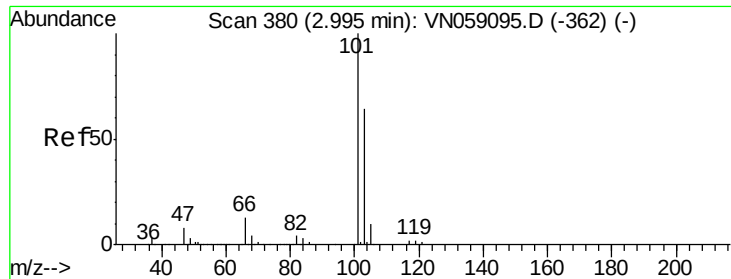
66 32.8 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



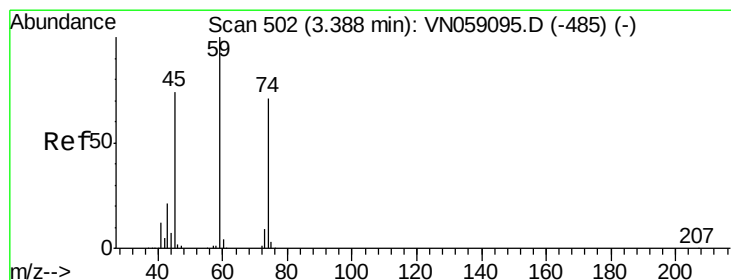
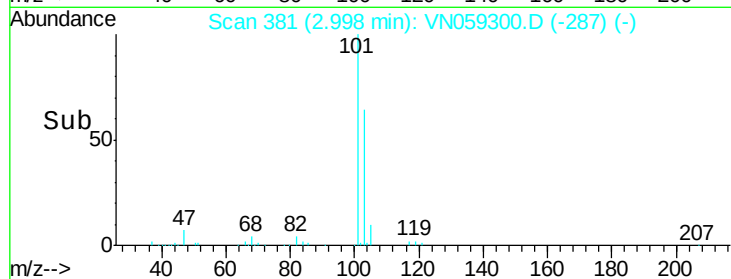
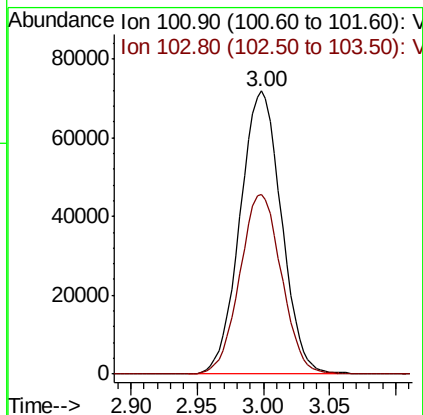
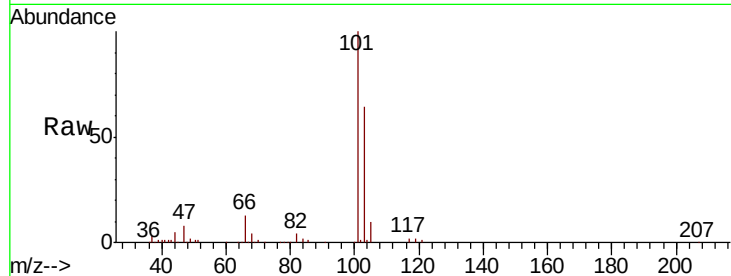


#7

Trichlorofluoromethane
 Concen: 25.461 ug/l
 RT: 3.00 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :

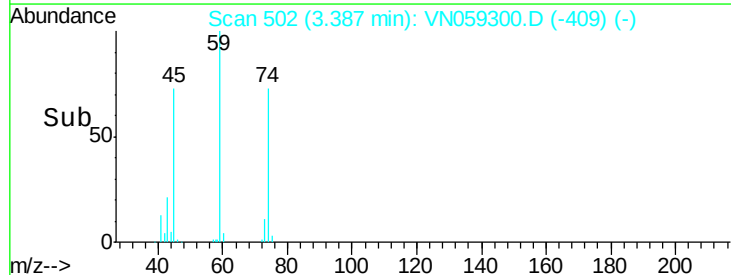
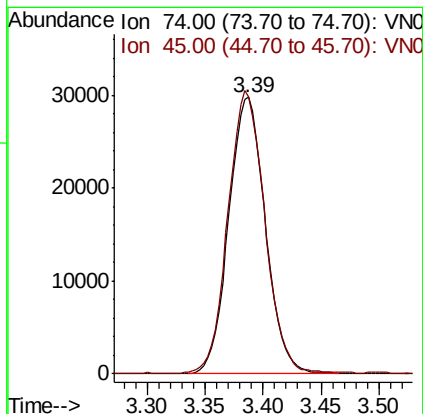
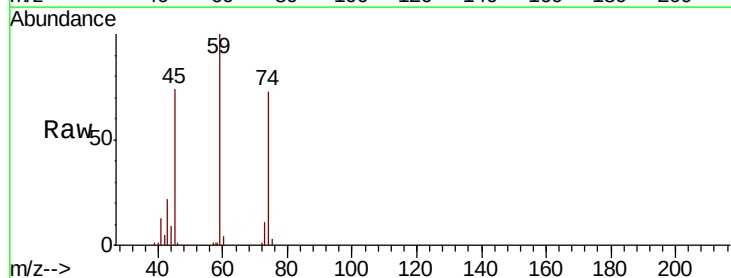
Tot Ion:101 Resp: 155529
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.2 76.8

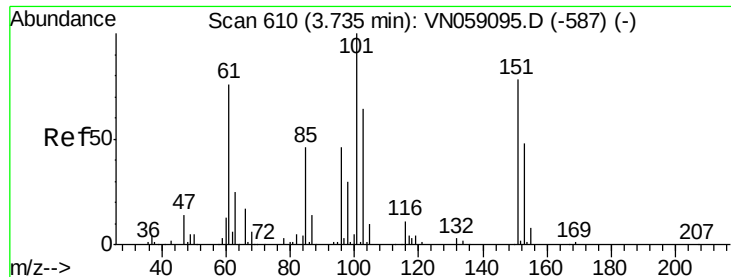


#8

Diethyl Ether
 Concen: 26.376 ug/l
 RT: 3.39 min Scan# 502
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 74 Resp: 65465
 Ion Ratio Lower Upper
 74 100
 45 102.9 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.607 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

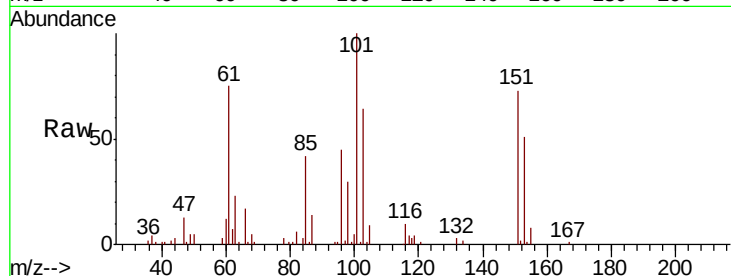
Tot Ion:101 Resp: 97994

Ion Ratio Lower Upper

101 100

85 43.2 35.5 53.3

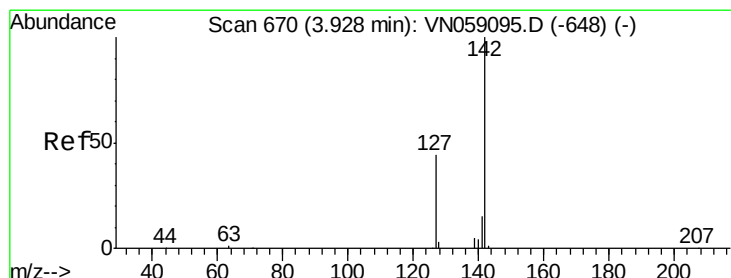
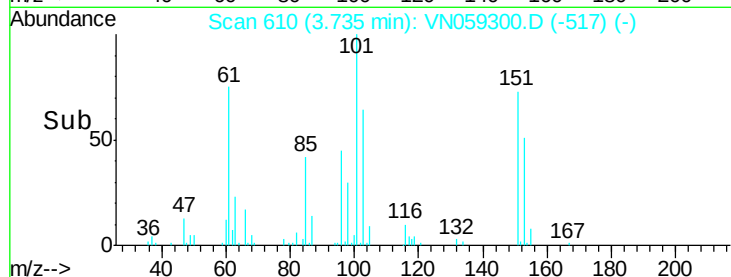
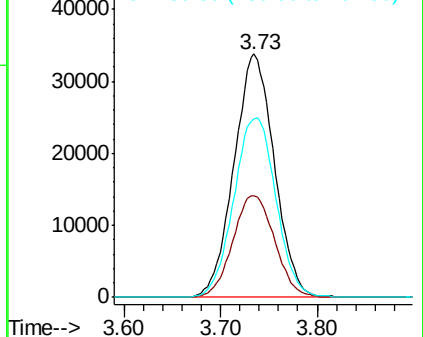
151 77.0 62.2 93.2



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: 24.581 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

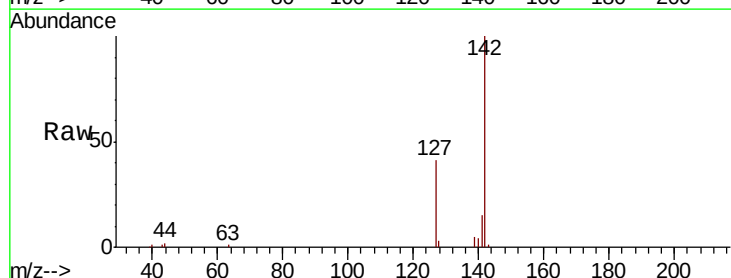
Tgt Ion:142 Resp: 112062

Ion Ratio Lower Upper

142 100

127 41.7 34.2 51.2

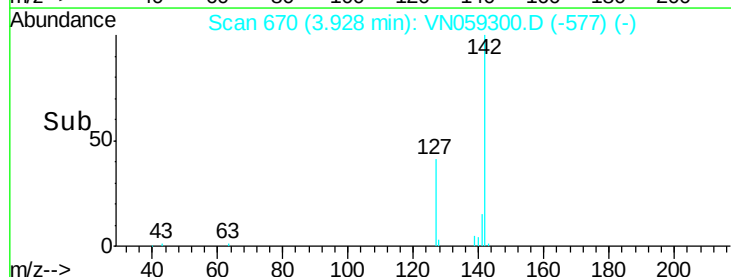
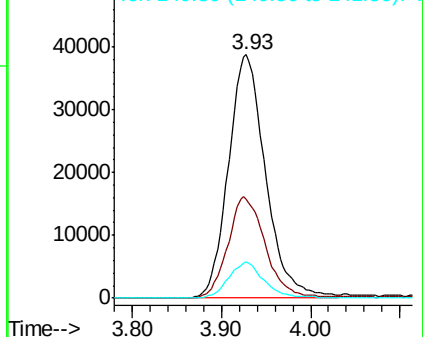
141 14.0 11.4 17.0

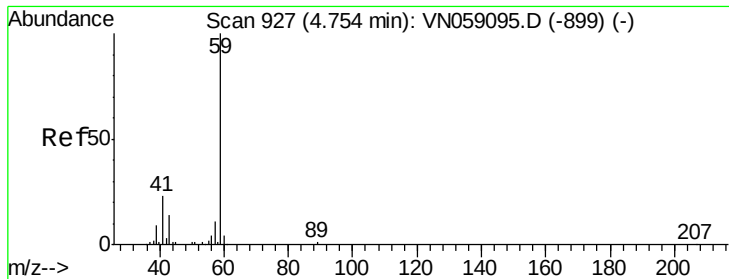


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



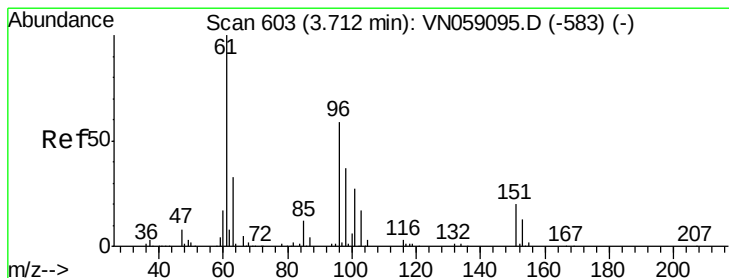
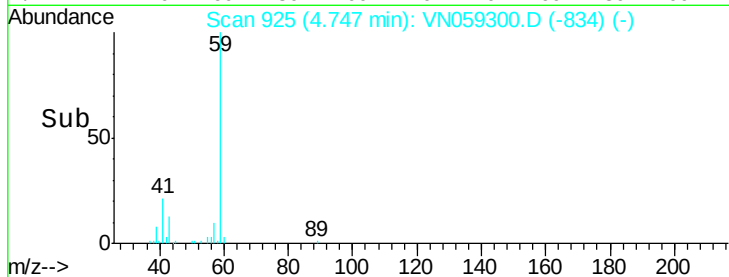
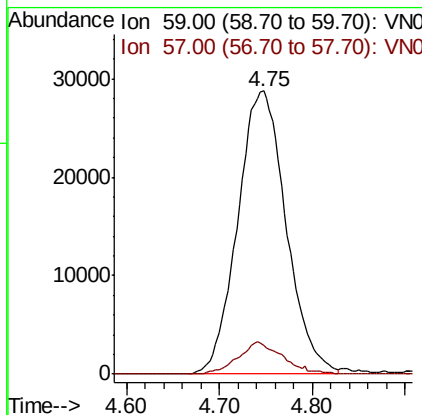
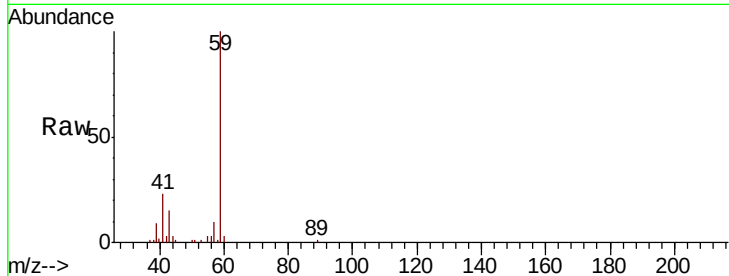


#11

Tert butyl alcohol
 Concen: 115.557 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampleId :

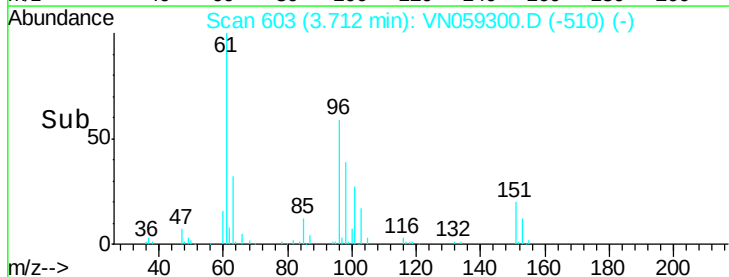
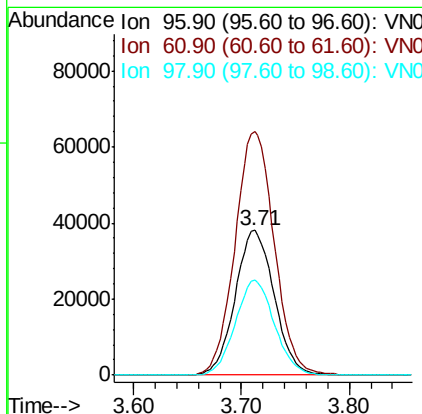
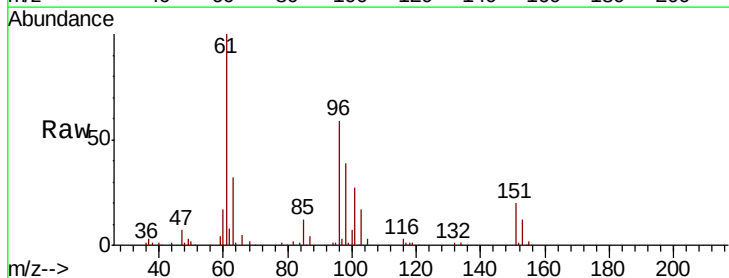
Tot Ion: 59 Resp: 104117
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.3 12.5

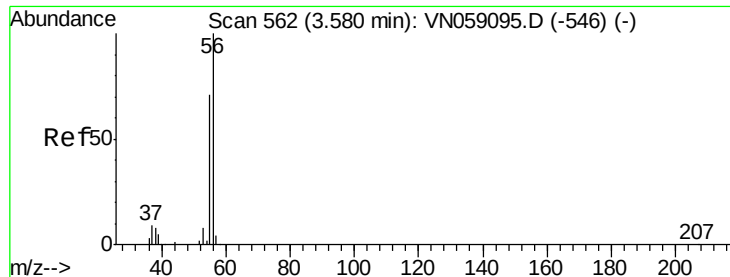


#12

1,1-Dichloroethene
 Concen: 26.744 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 96 Resp: 95950
 Ion Ratio Lower Upper
 96 100
 61 168.2 136.5 204.7
 98 65.9 50.2 75.4





#13

Acrolein

Concen: 84.032 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

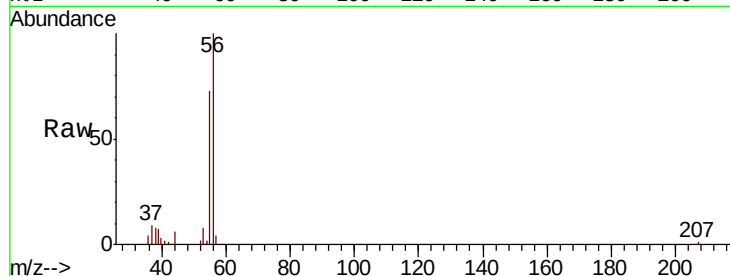
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 39036

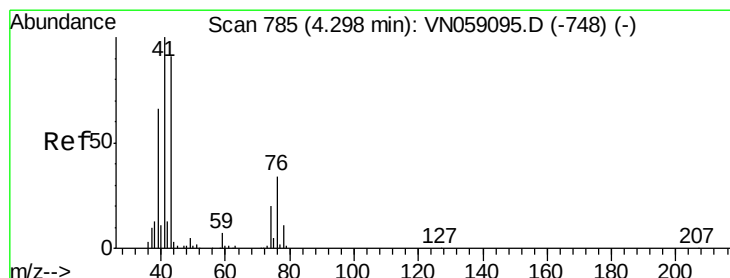
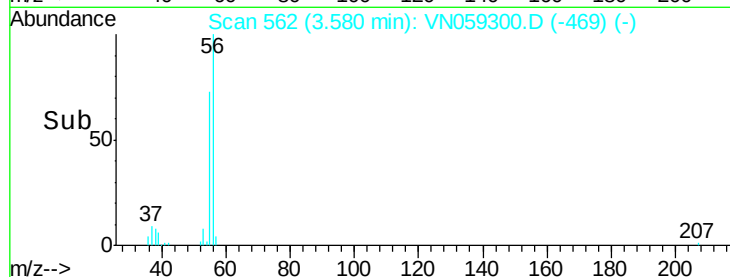
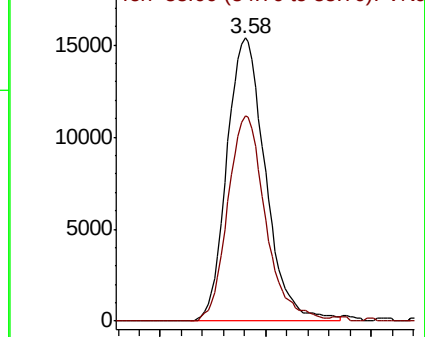
Ion Ratio Lower Upper

56 100

55 71.0 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 24.704 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

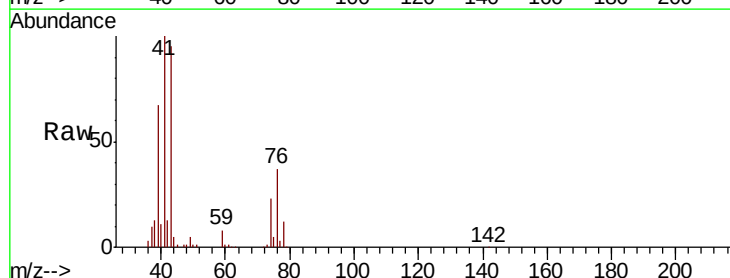
Tgt Ion: 41 Resp: 182059

Ion Ratio Lower Upper

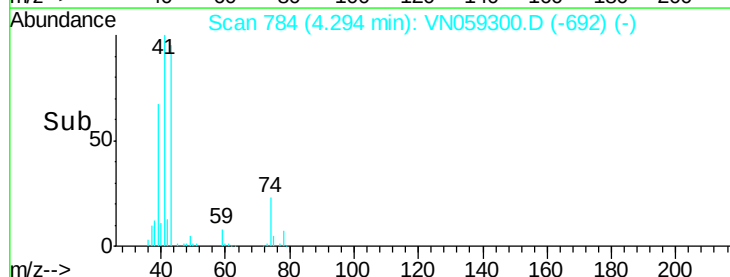
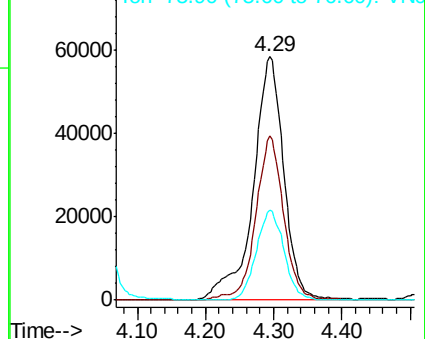
41 100

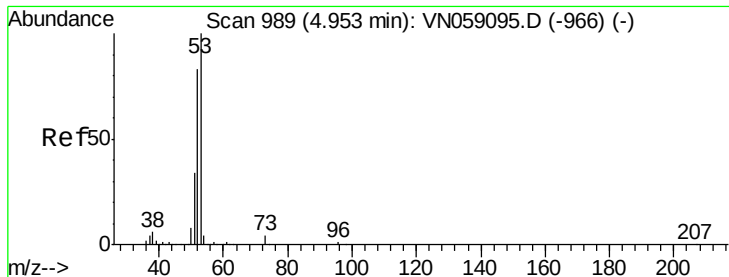
39 61.2 49.1 73.7

76 33.4 24.9 37.3



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 124.446 ug/l

RT: 4.95 min Scan# 988

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

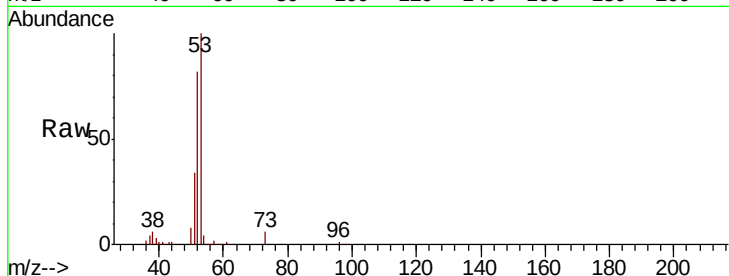
Tot Ion: 53 Resp: 279043

Ion Ratio Lower Upper

53 100

52 81.4 65.0 97.6

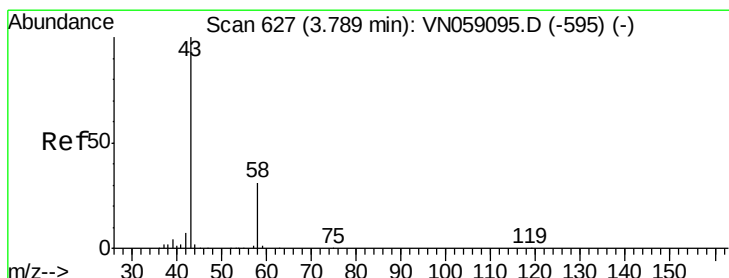
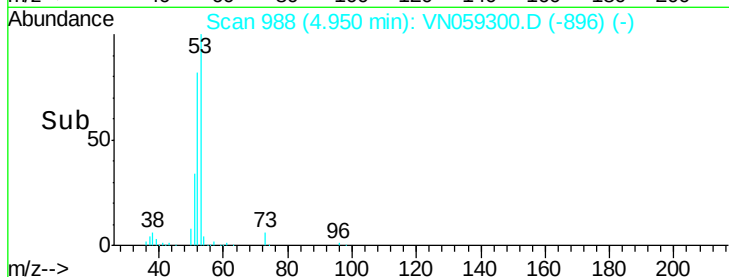
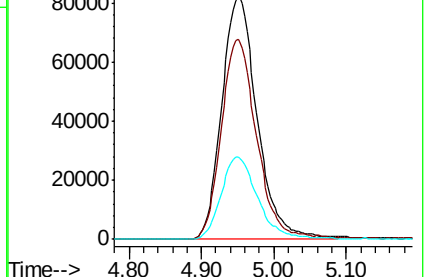
51 35.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VN059300.D (-896) (-)

Ion 52.00 (51.70 to 52.70): VN059300.D (-896) (-)

Ion 51.00 (50.70 to 51.70): VN059300.D (-896) (-)



#16

Acetone

Concen: 94.837 ug/l

RT: 3.79 min Scan# 626

Delta R.T. -0.00 min

Lab File: VN059300.D

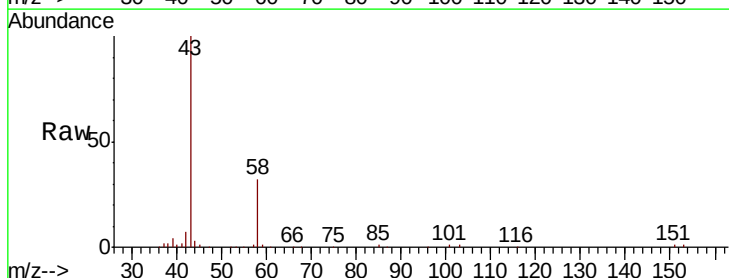
Acq: 19 Nov 2019 12:24

Tgt Ion: 43 Resp: 233158

Ion Ratio Lower Upper

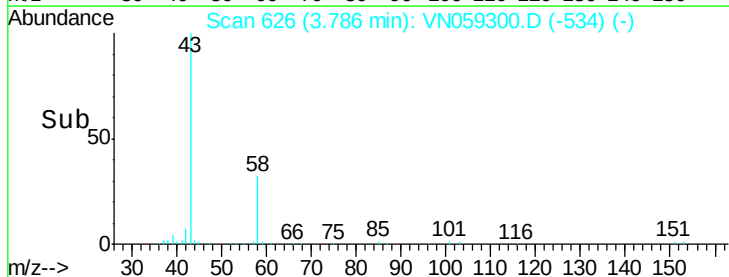
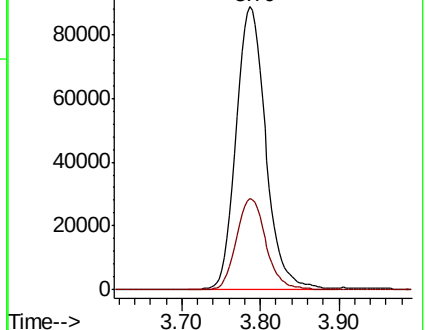
43 100

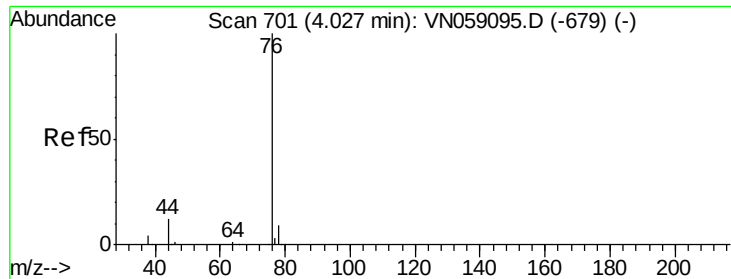
58 32.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN059300.D (-534) (-)

Ion 58.00 (57.70 to 58.70): VN059300.D (-534) (-)





#17

Carbon Disulfide

Concen: 27.930 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

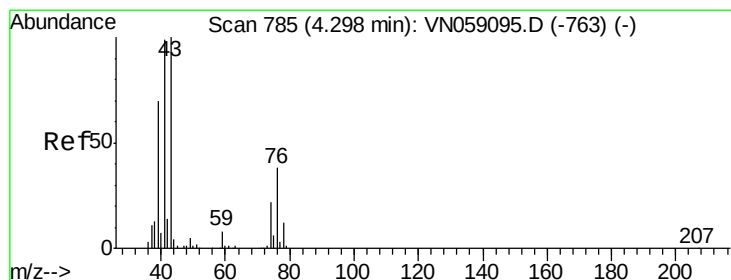
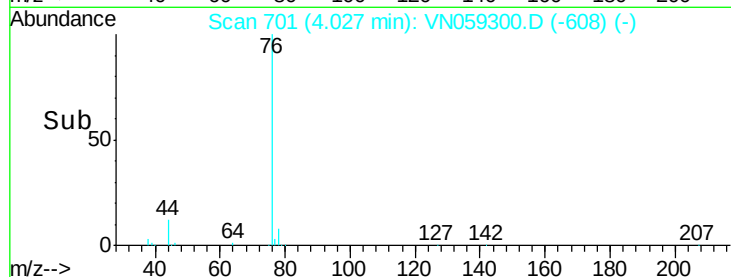
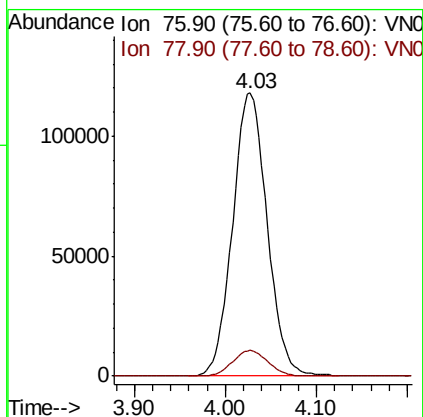
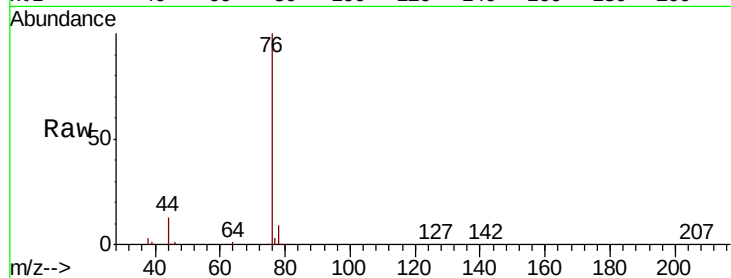
ClientSampled :

Tot Ion: 76 Resp: 311058

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



#18

Methyl Acetate

Concen: 27.040 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059300.D

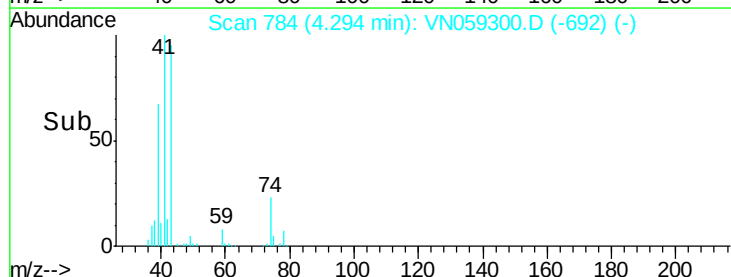
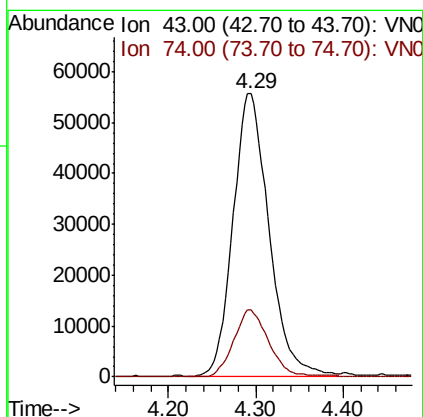
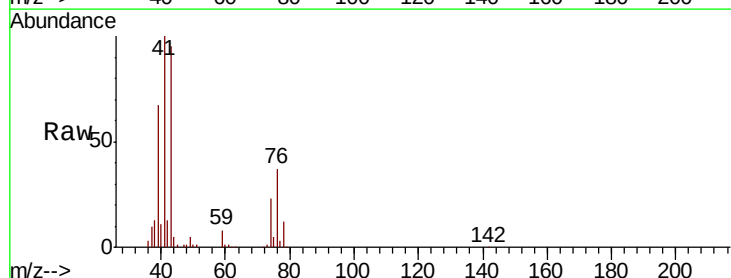
Acq: 19 Nov 2019 12:24

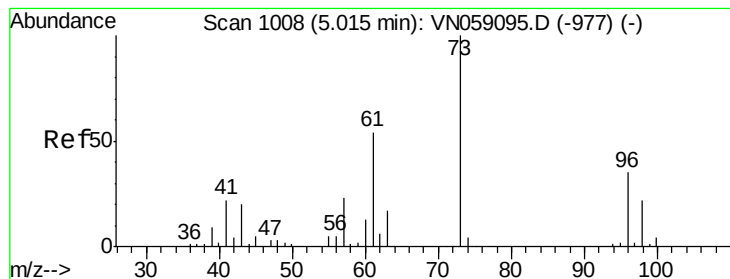
Tgt Ion: 43 Resp: 157793

Ion Ratio Lower Upper

43 100

74 23.2 17.8 26.8





#19

Methyl tert-butyl Ether

Concen: 26.543 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

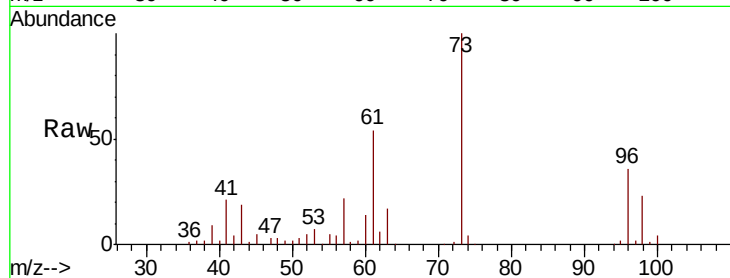
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 327857

Ion Ratio Lower Upper

73 100

57 22.2 18.4 27.6



Abundance Ion 73.00 (72.70 to 73.70): VN059095.D (-977) (-)

Ion 57.00 (56.70 to 57.70): VN059095.D (-977) (-)

5.01

80000

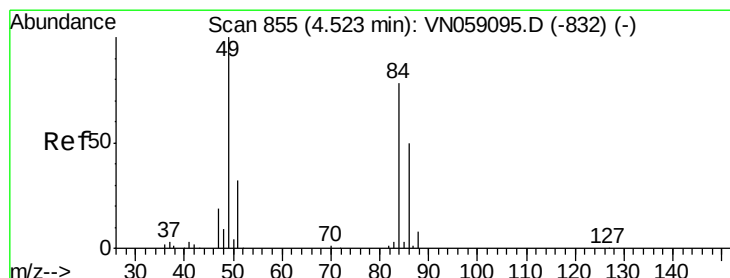
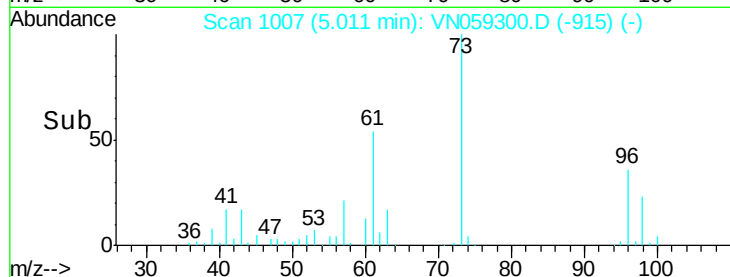
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 26.099 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion: 84 Resp: 111783

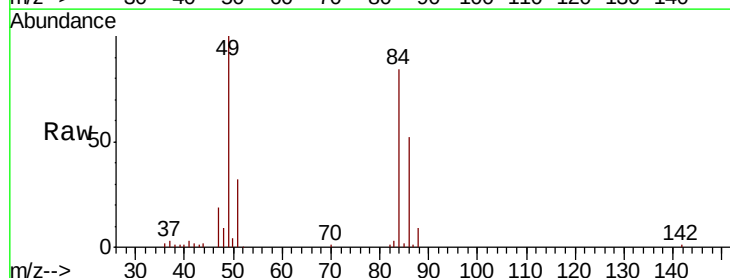
Ion Ratio Lower Upper

84 100

49 118.4 102.0 153.0

51 37.9 32.2 48.2

86 61.2 50.7 76.1



Abundance Ion 83.90 (83.60 to 84.60): VN059095.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN059095.D (-832) (-)

Ion 50.90 (50.60 to 51.60): VN059095.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN059095.D (-832) (-)

4.52

60000

50000

40000

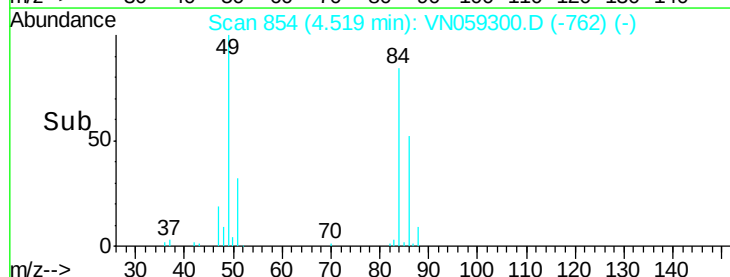
30000

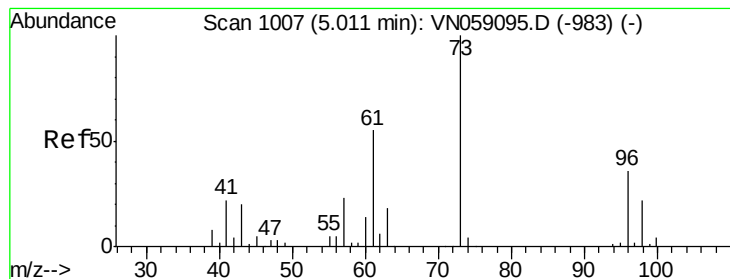
20000

10000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 27.270 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampled :

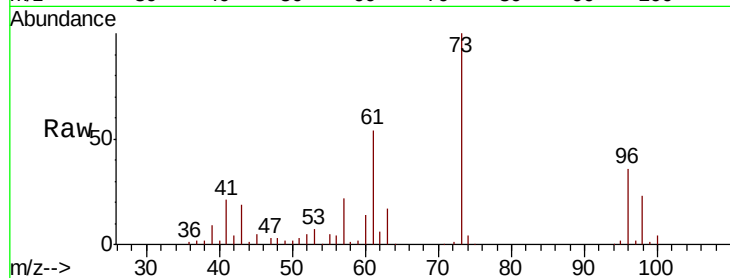
Tot Ion: 96 Resp: 105018

Ion Ratio Lower Upper

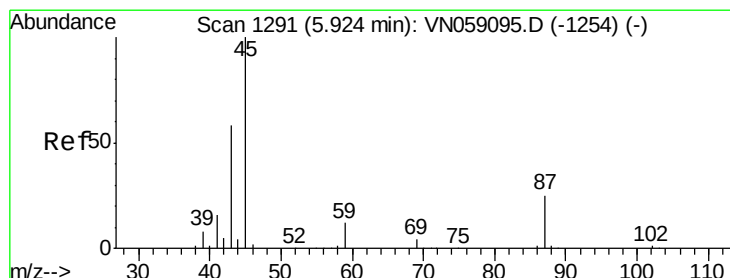
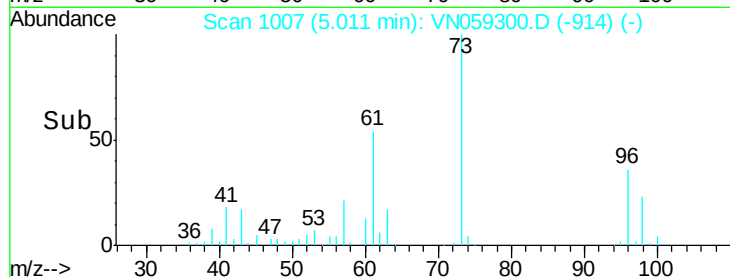
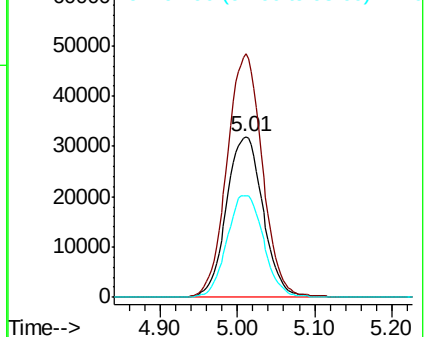
96 100

61 151.5 122.6 183.8

98 63.0 50.3 75.5



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



#22

Diisopropyl ether

Concen: 25.679 ug/l

RT: 5.92 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion: 45 Resp: 357450

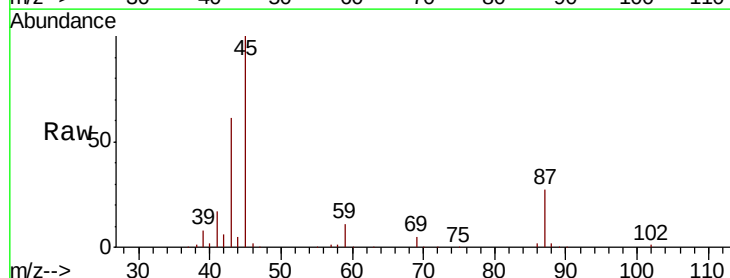
Ion Ratio Lower Upper

45 100

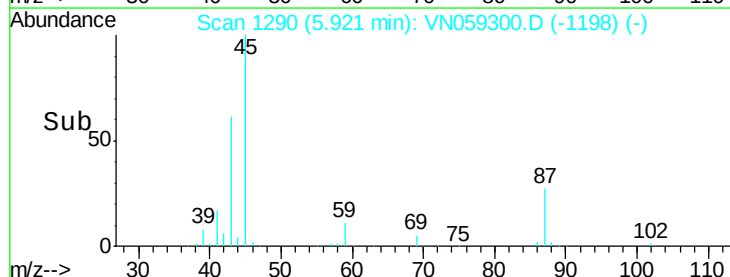
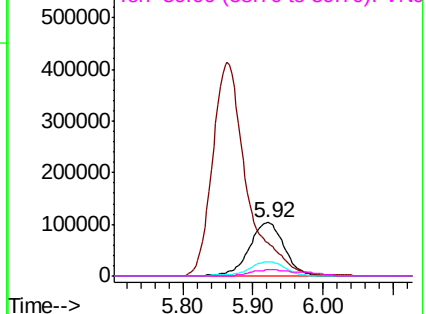
43 59.7 46.7 70.1

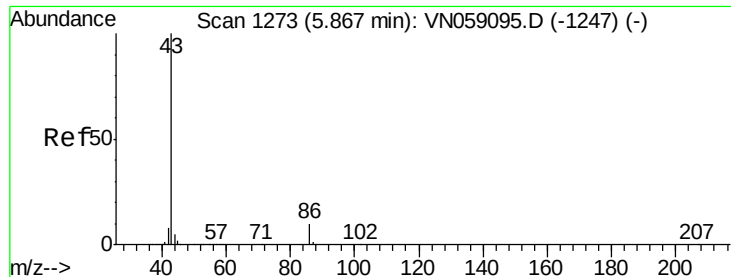
87 27.0 20.5 30.7

59 10.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 128.781 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

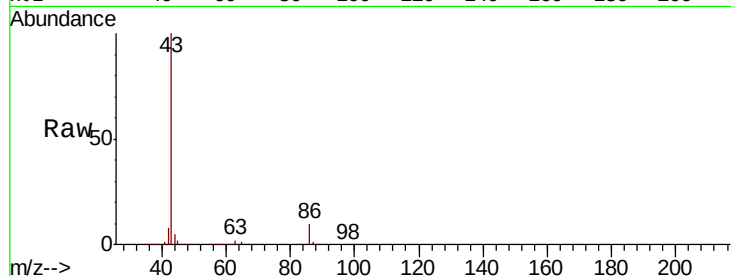
ClientSampleId :

Tot Ion: 43 Resp: 1389341

Ion Ratio Lower Upper

43 100

86 10.1 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN059300.D (-1180) (-)

Ion 86.00 (85.70 to 86.70): VN059300.D (-1180) (-)

5.86

400000

300000

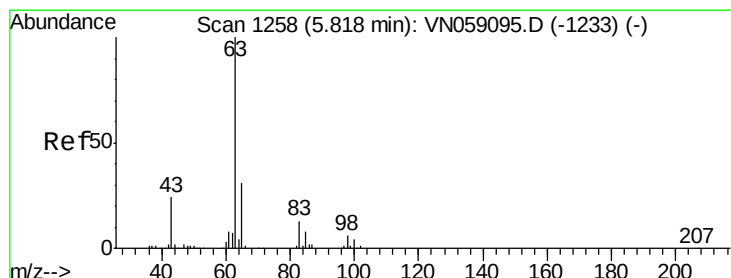
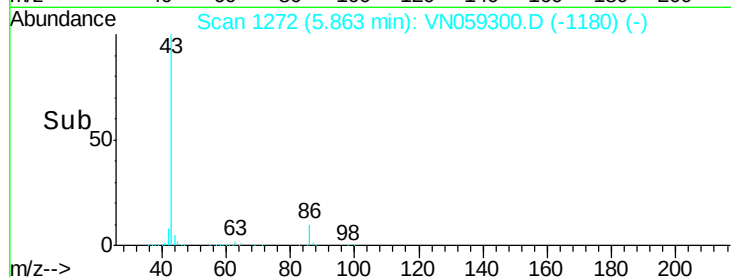
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 25.352 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

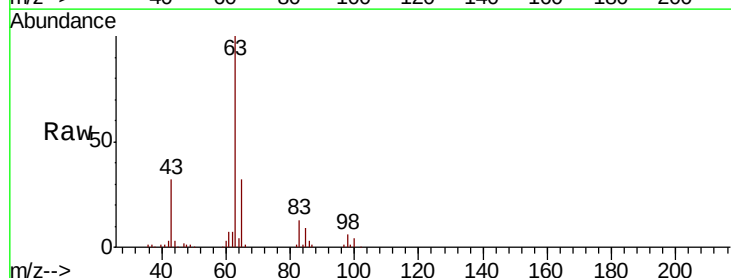
Tgt Ion: 63 Resp: 197107

Ion Ratio Lower Upper

63 100

98 6.3 2.8 8.4

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN059300.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059300.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059300.D (-1165) (-)

5.82

80000

60000

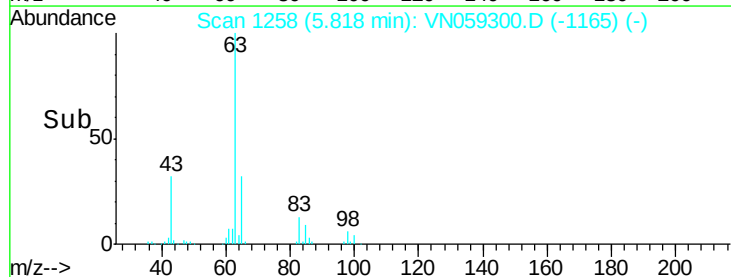
40000

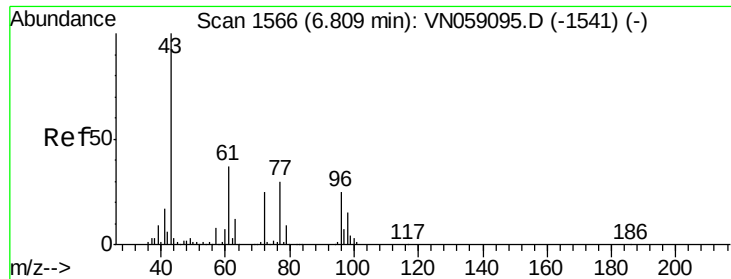
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 111.590 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

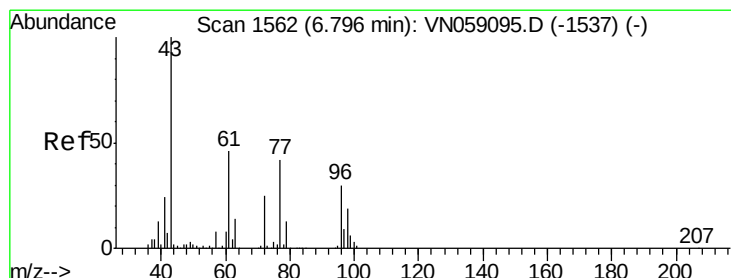
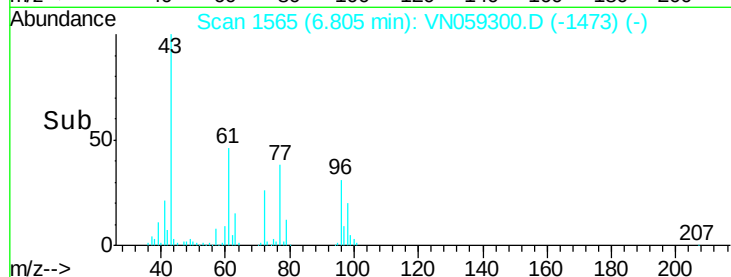
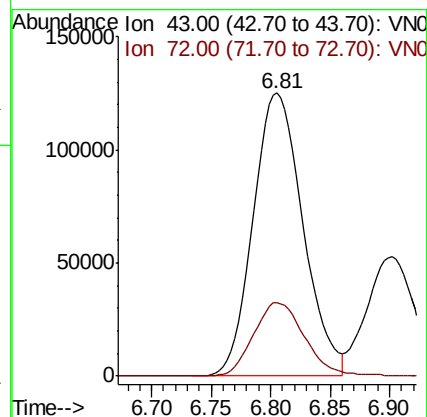
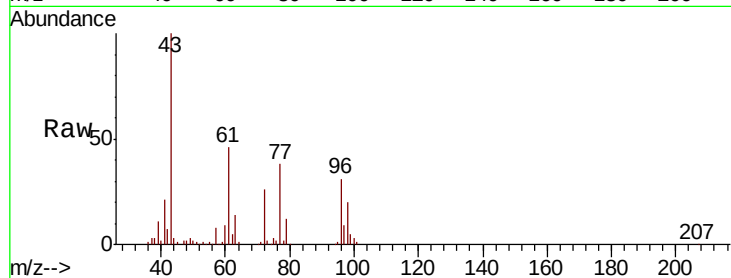
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 361573

Ion Ratio Lower Upper

43 100

72 26.1 20.3 30.5



#26

2,2-Dichloropropane

Concen: 24.566 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059300.D

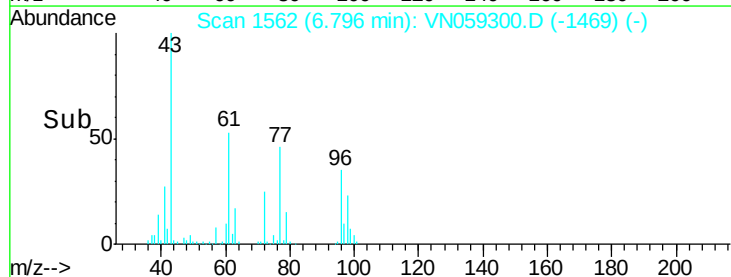
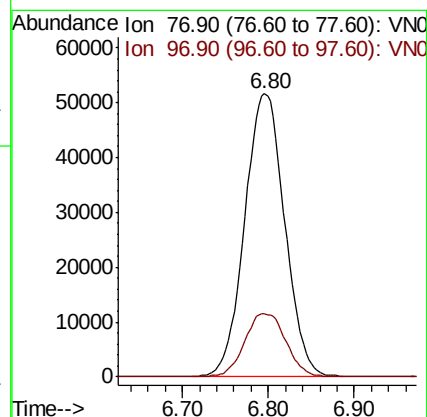
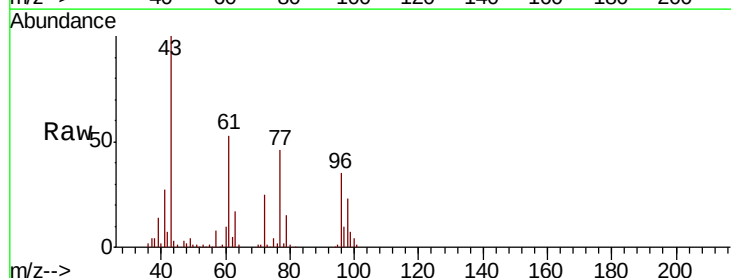
Acq: 19 Nov 2019 12:24

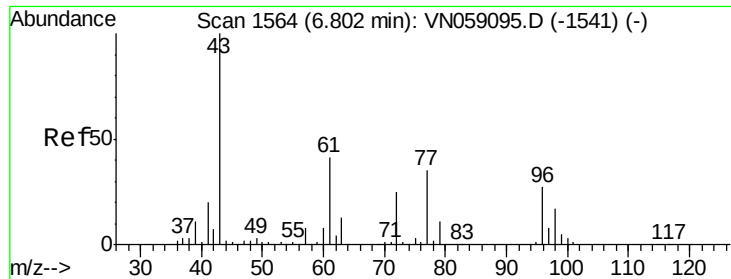
Tgt Ion: 77 Resp: 167008

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 26.166 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :

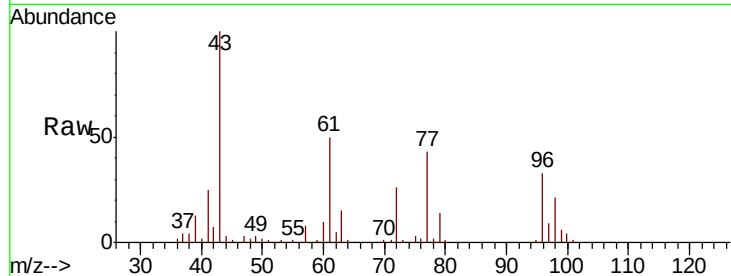
Tot Ion: 96 Resp: 116908

Ion Ratio Lower Upper

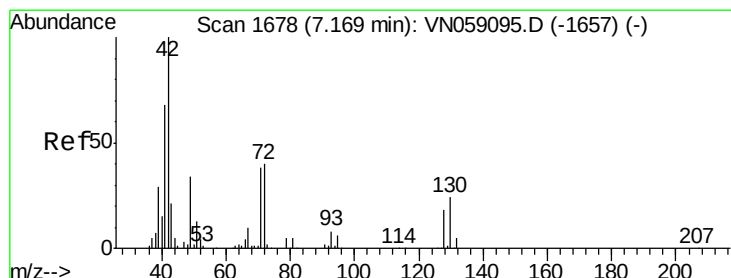
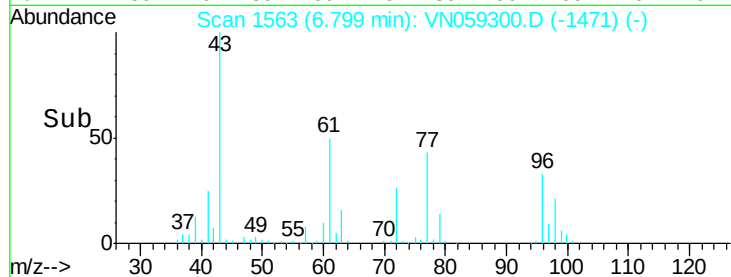
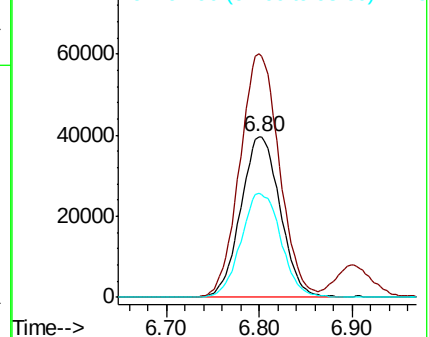
96 100

61 152.1 0.0 311.6

98 65.6 0.0 129.8



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



#28

Bromochloromethane

Concen: 20.915 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

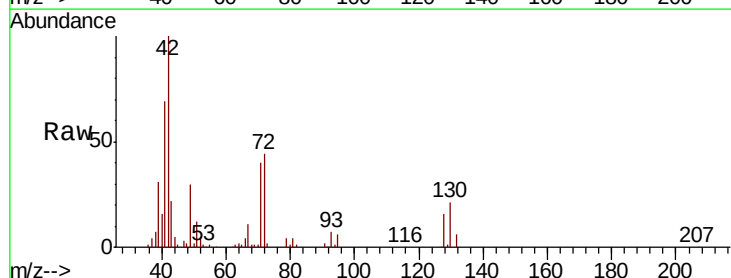
Tgt Ion: 49 Resp: 48922

Ion Ratio Lower Upper

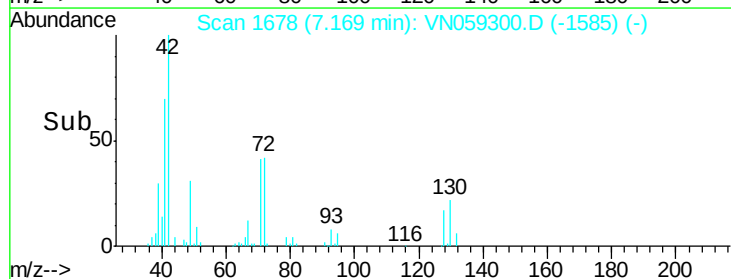
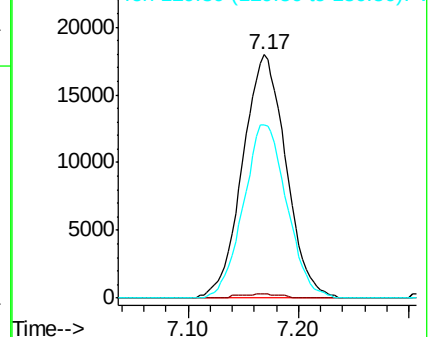
49 100

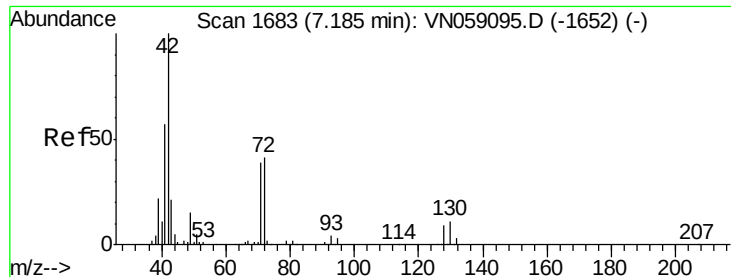
129 1.6 0.0 3.8

130 71.1 55.6 83.4



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

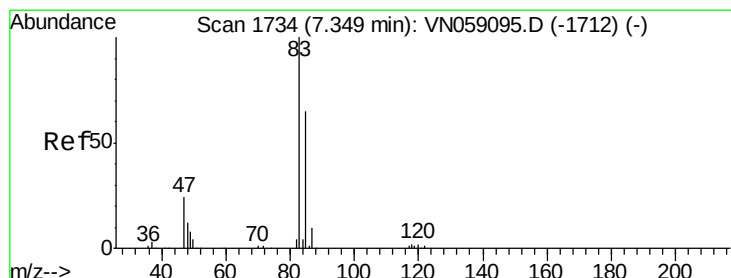
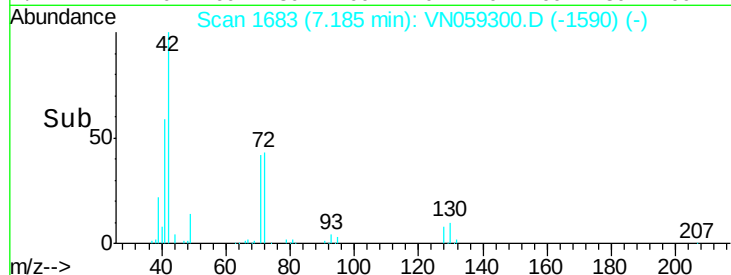
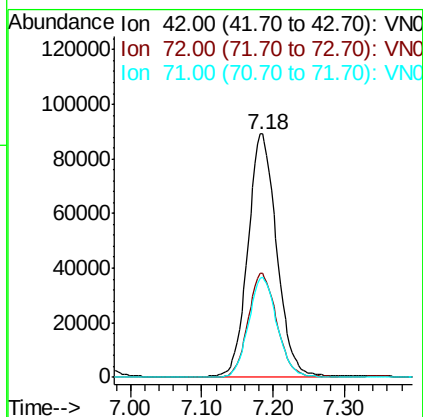
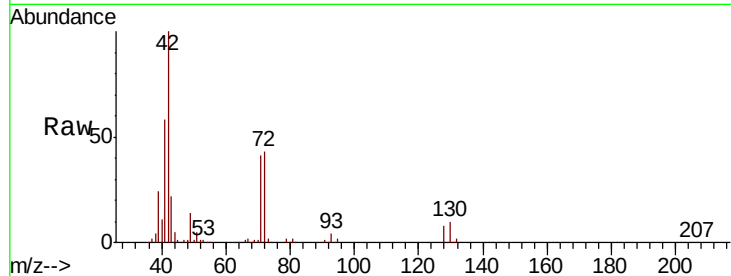




#29
Tetrahydrofuran
Concen: 122.008 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

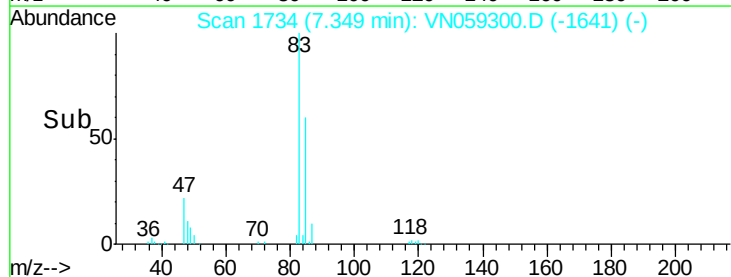
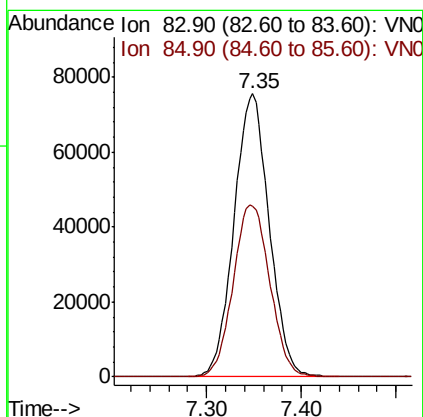
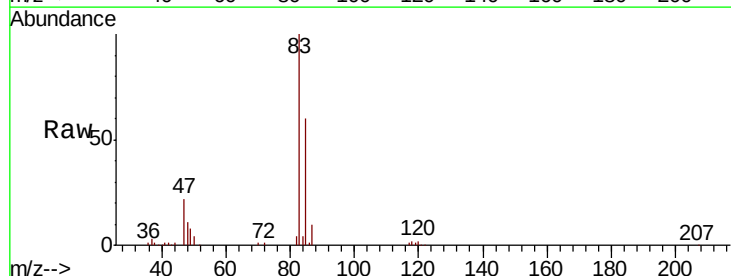
Instrument :
MSVOA_N
ClientSampled :

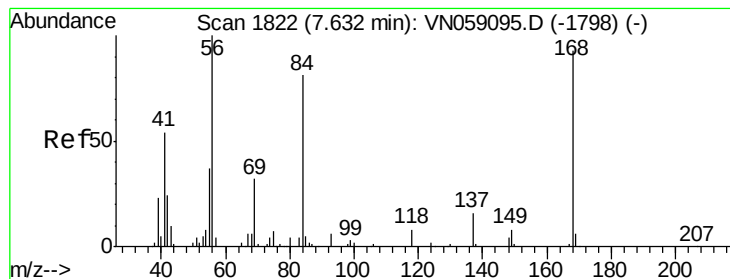
Tot Ion: 42 Resp: 251191
Ion Ratio Lower Upper
42 100
72 42.3 33.1 49.7
71 40.5 30.9 46.3



#30
Chloroform
Concen: 26.221 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 83 Resp: 195564
Ion Ratio Lower Upper
83 100
85 60.3 51.8 77.8





#31

Cyclohexane

Concen: 25.765 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampled :

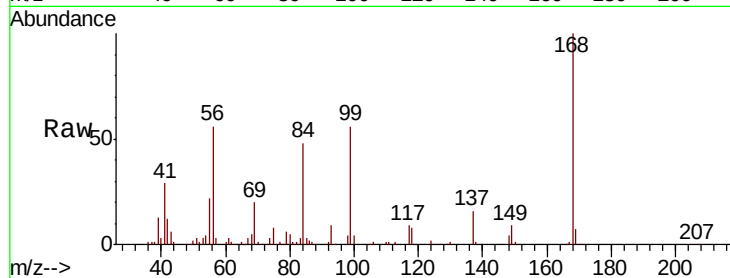
Tot Ion: 56 Resp: 189635

Ion Ratio Lower Upper

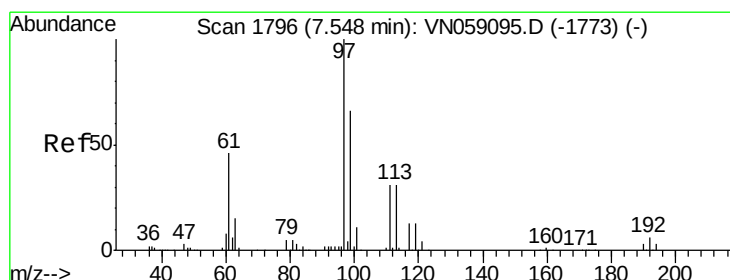
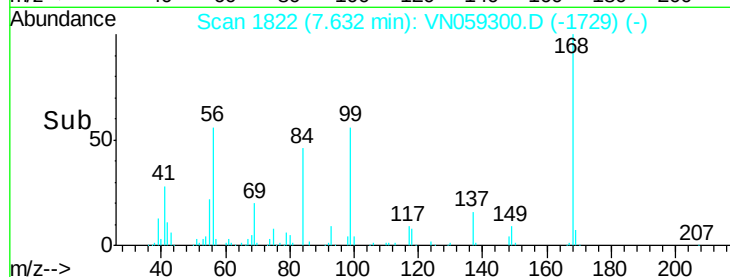
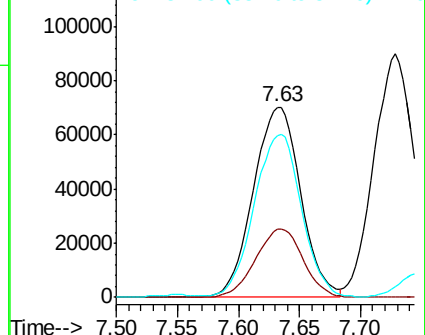
56 100

69 35.6 25.8 38.8

84 84.3 65.0 97.4



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



#32

1,1,1-Trichloroethane

Concen: 26.064 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

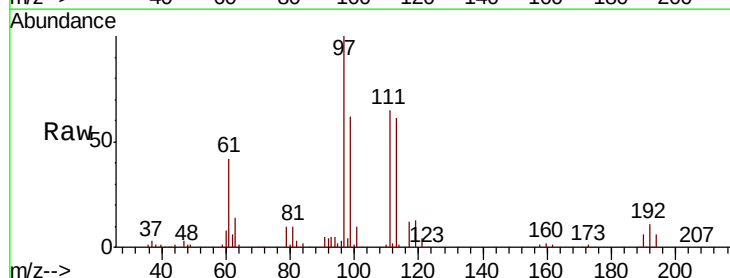
Tgt Ion: 97 Resp: 163434

Ion Ratio Lower Upper

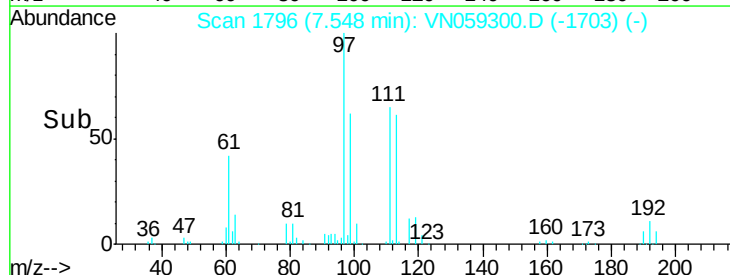
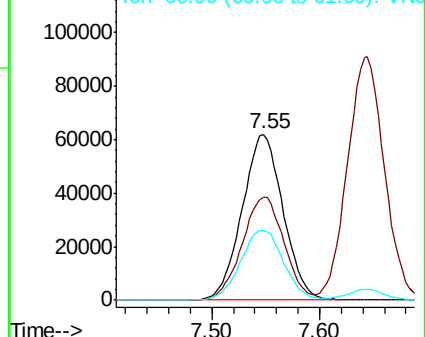
97 100

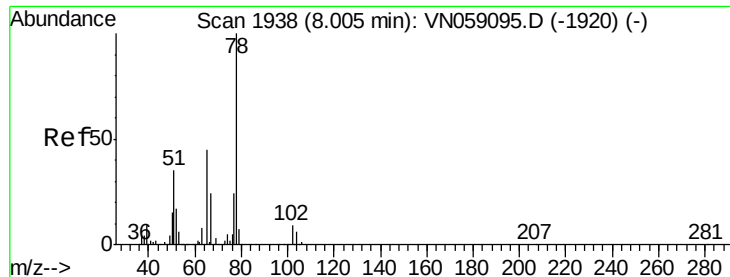
99 63.6 51.0 76.6

61 44.2 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

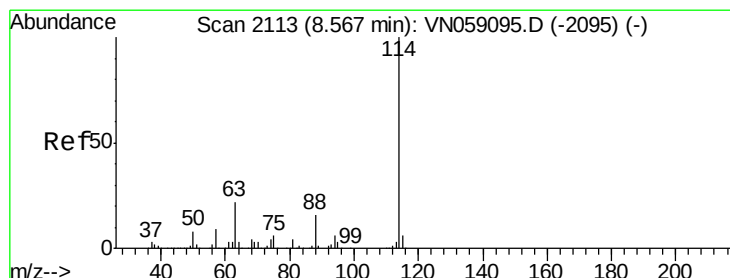
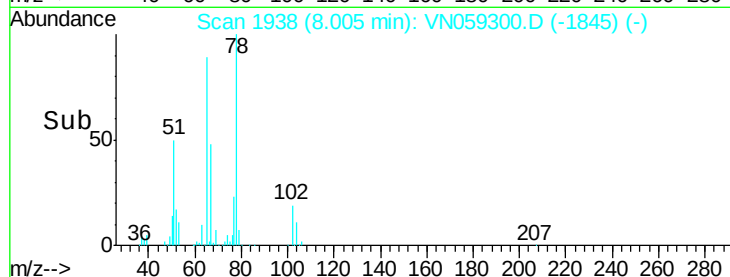
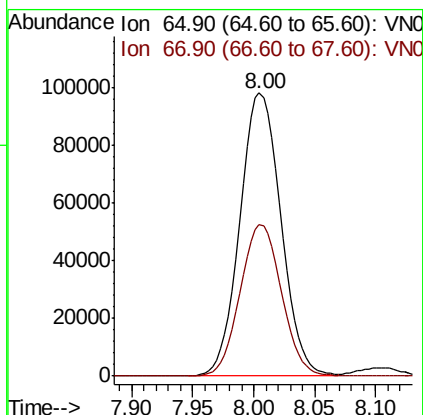
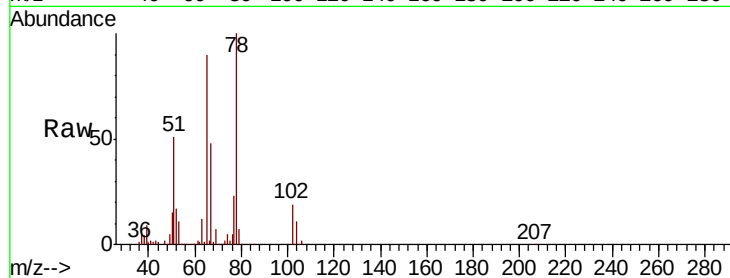




#33
 1,2-Dichloroethane-d4
 Concen: 48.468 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

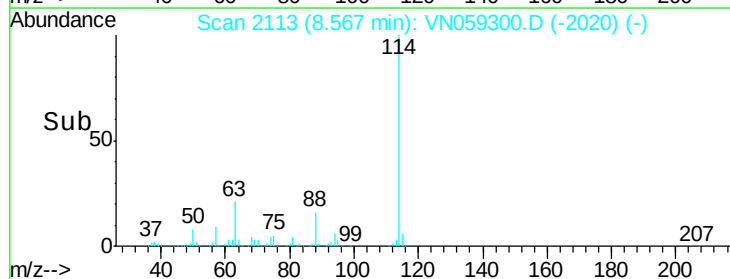
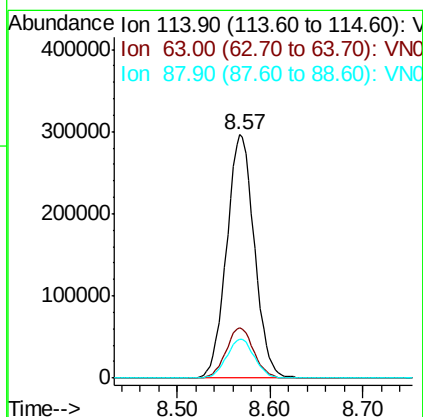
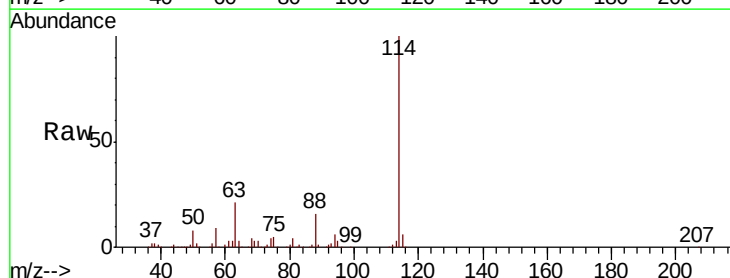
Instrument :
 MSVOA_N
 ClientSampled :

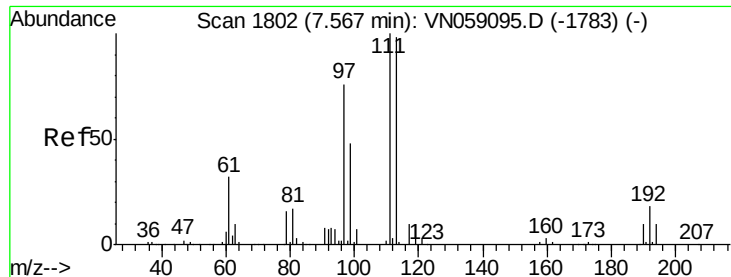
Tot Ion: 65 Resp: 229143
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 114 Resp: 613491
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 43.4
 88 16.1 0.0 32.2

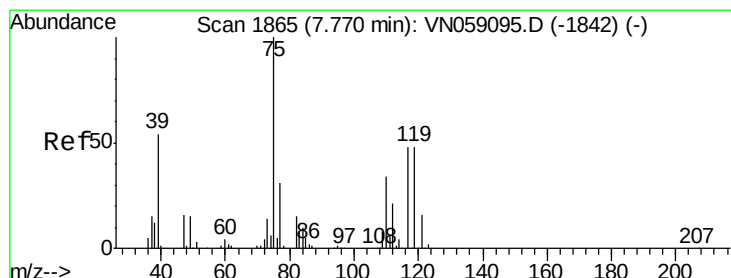
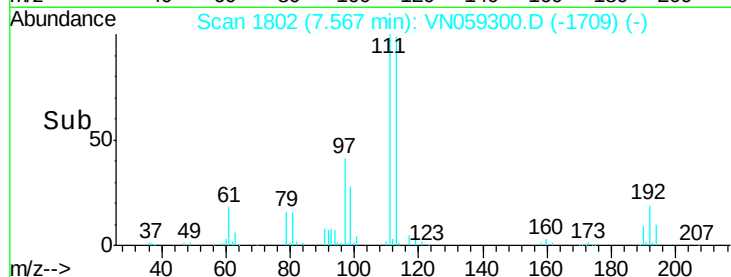
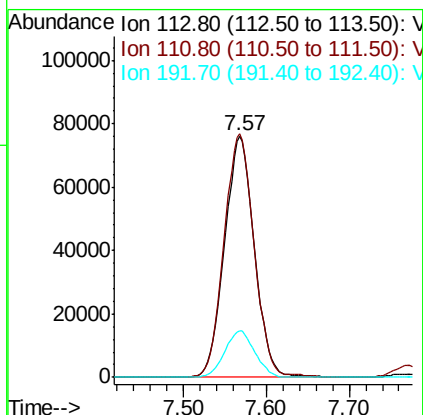
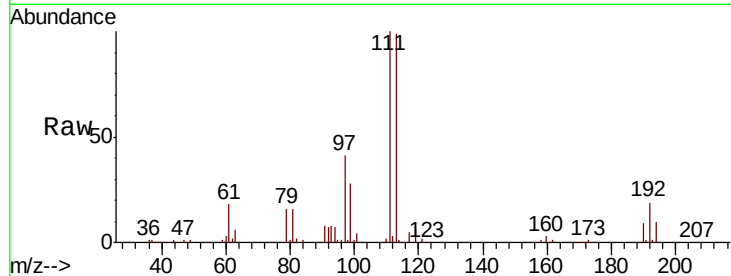




#35
 Dibromofluoromethane
 Concen: 51.820 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

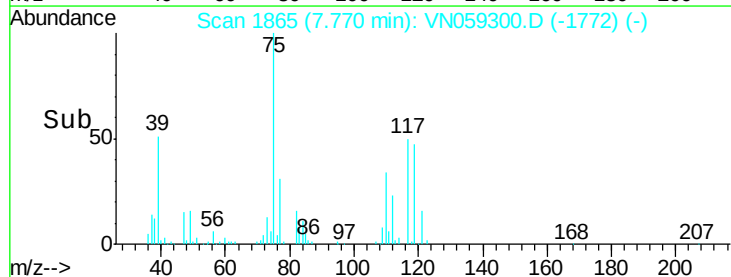
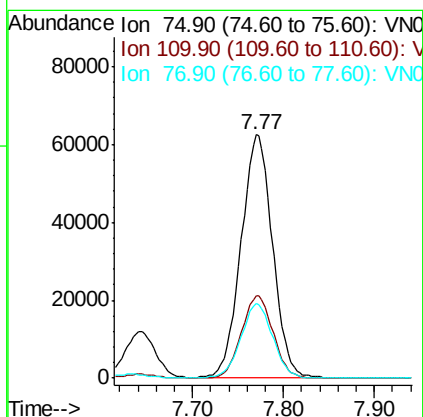
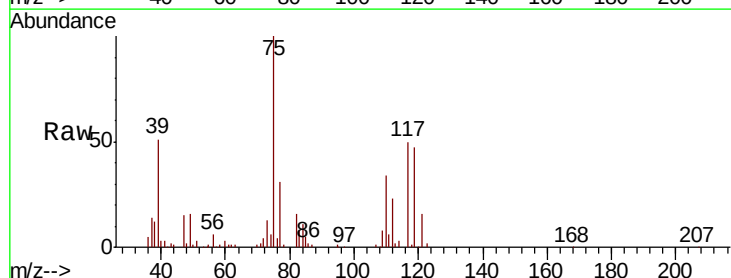
Instrument :
 MSVOA_N
 ClientSampleId :

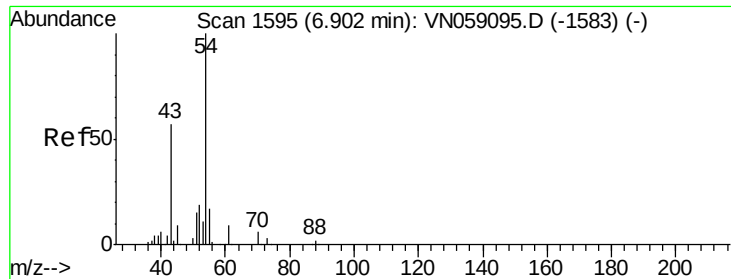
Tot Ion:113 Resp: 189824
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.8 124.2
 192 19.3 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 26.154 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 75 Resp: 149974
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.1 51.2
 77 31.0 24.8 37.2

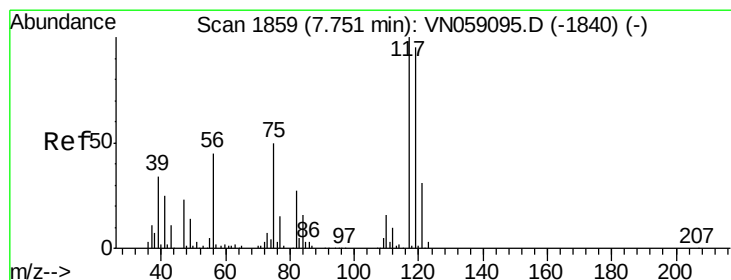
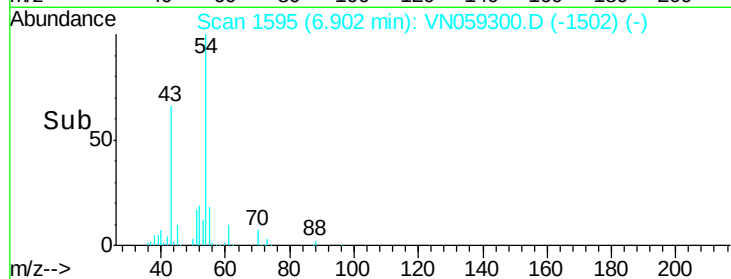
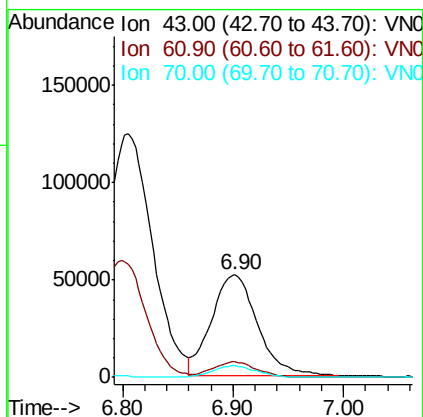
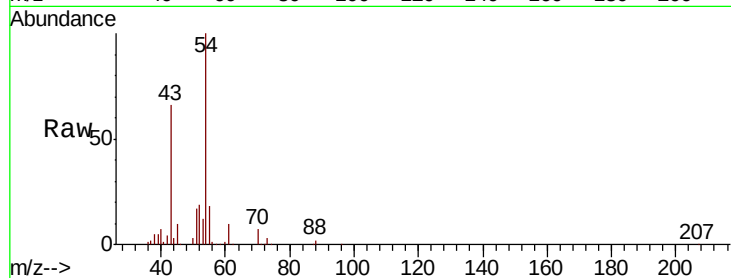




#37
Ethyl Acetate
Concen: 23.650 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

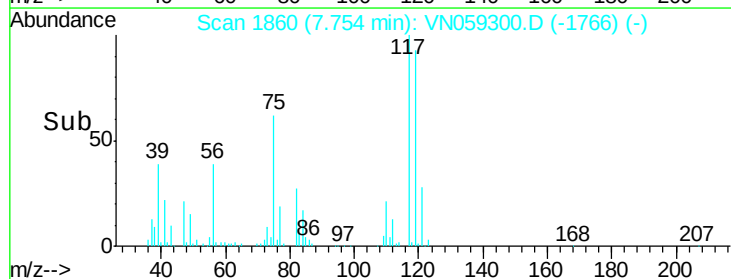
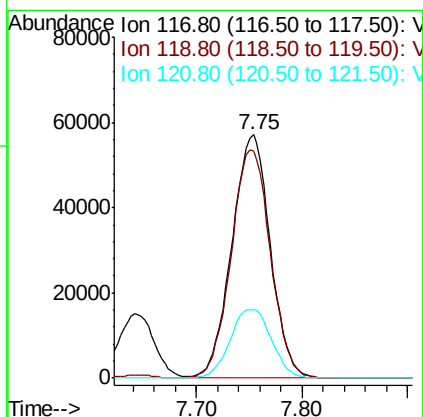
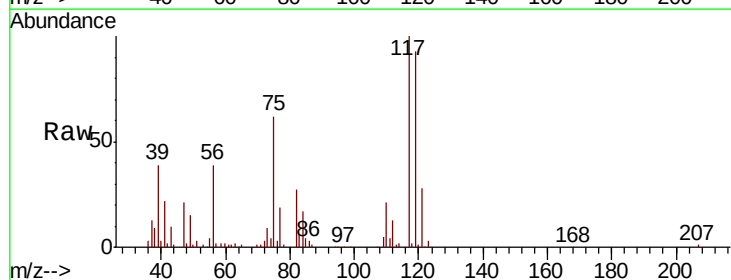
Instrument :
MSVOA_N
ClientSampled :

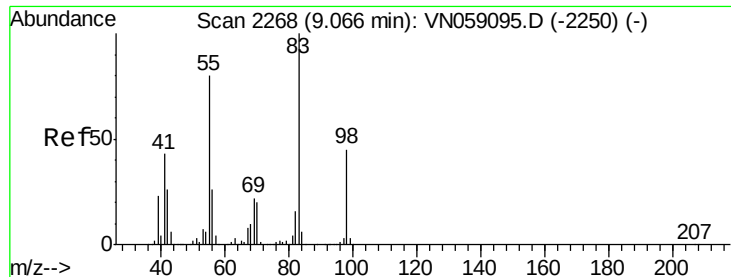
Tot Ion: 43 Resp: 150868
Ion Ratio Lower Upper
43 100
61 14.8 11.2 16.8
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 25.315 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 117 Resp: 144483
Ion Ratio Lower Upper
117 100
119 93.4 75.6 113.4
121 28.3 24.6 36.8

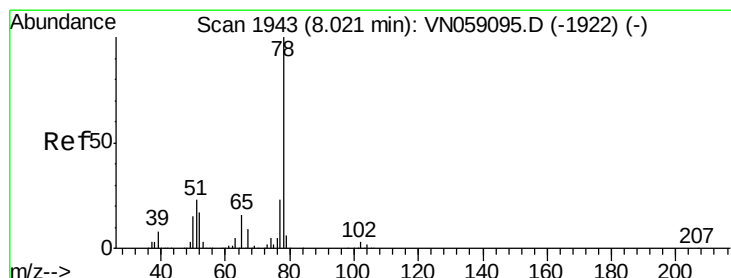
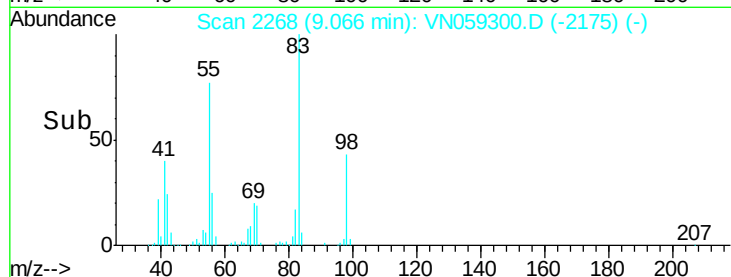
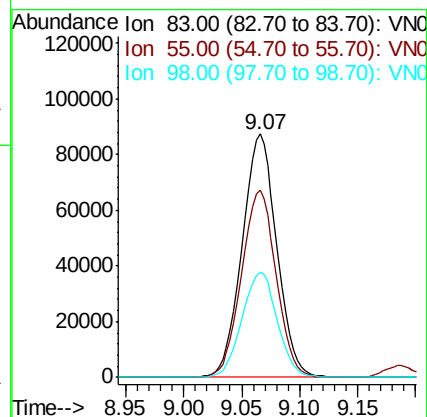
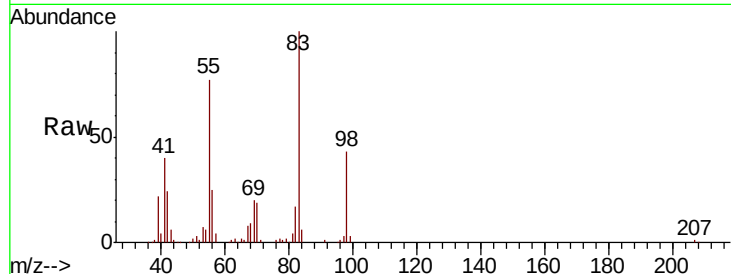




#39
Methylvlcyclohexane
Concen: 27.191 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

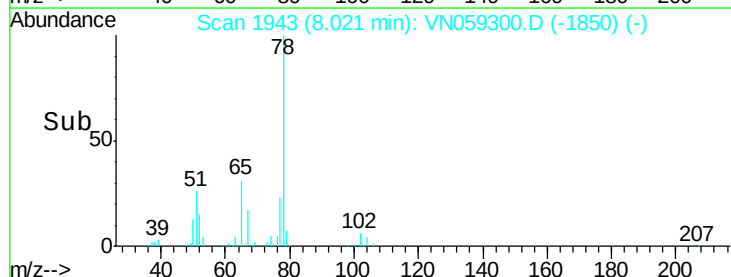
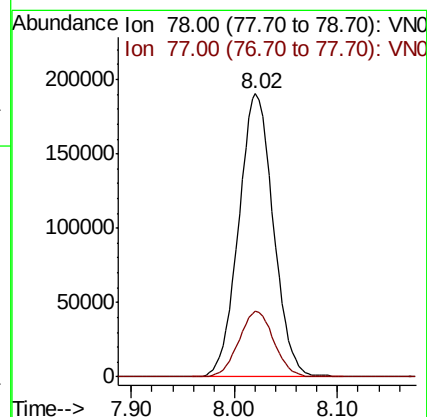
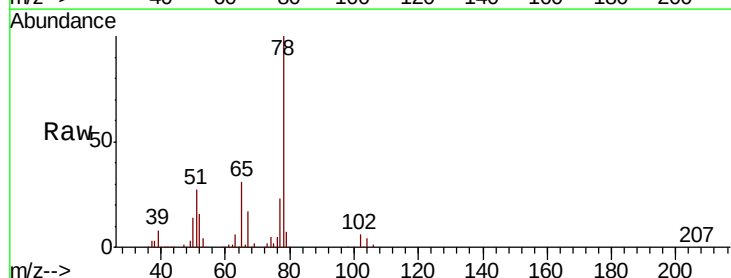
Instrument :
MSVOA_N
ClientSampled :

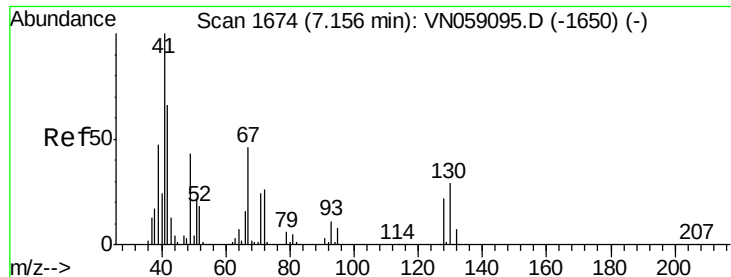
Tot Ion	83	Resp	180963
Ion Ratio	Lower	Upper	
83	100		
55	76.8	63.9	95.9
98	43.3	35.6	53.4



#40
Benzene
Concen: 25.813 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	78	Resp	445738
Ion Ratio	Lower	Upper	
78	100		
77	23.2	18.8	28.2

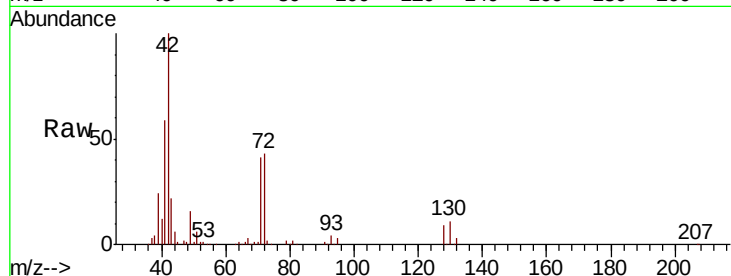




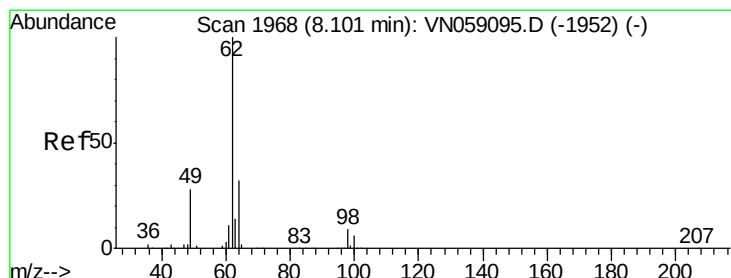
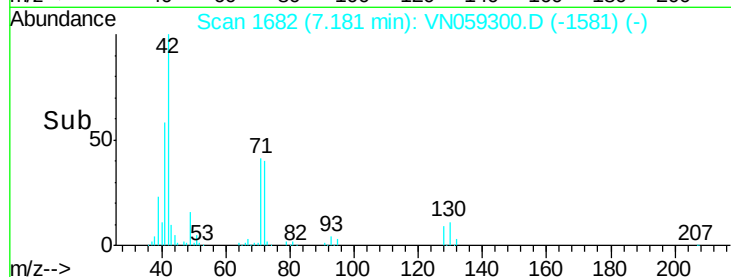
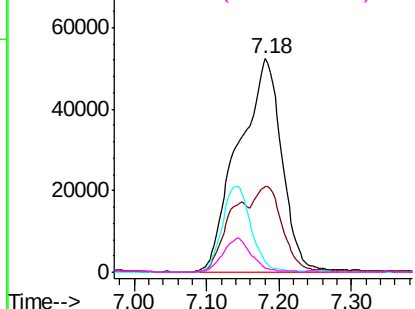
#41
Methacrylonitrile
Concen: 79.007 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. 0.03 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	219164
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

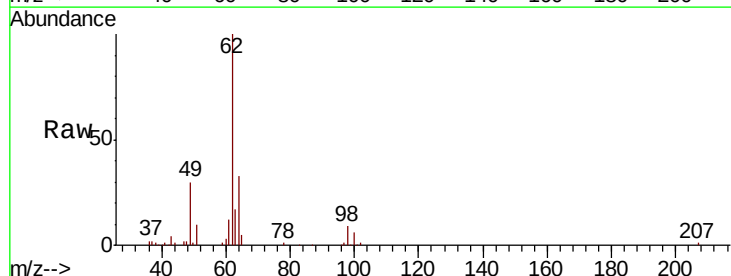


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

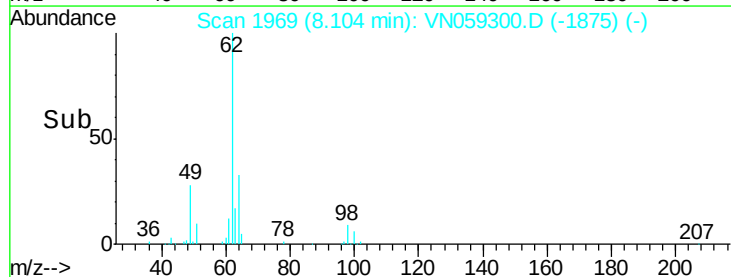
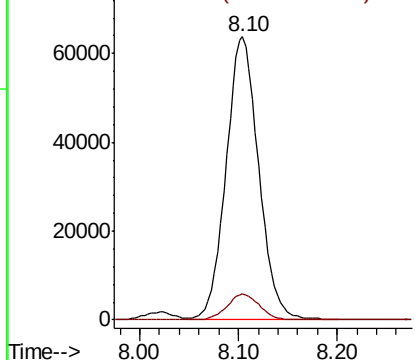


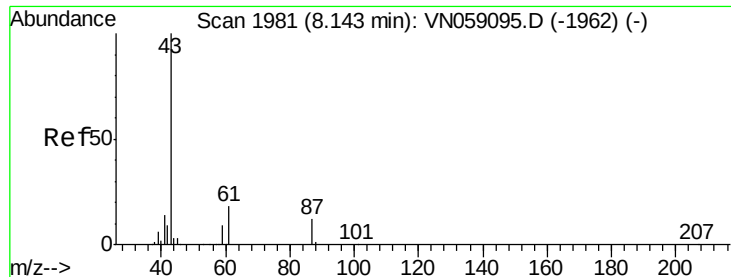
#42
1,2-Dichloroethane
Concen: 24.828 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion:	62	Resp:	147041
Ion	Ratio	Lower	Upper
62	100		
98	9.0	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: 23.494 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :
MSVOA_N
ClientSampleId :

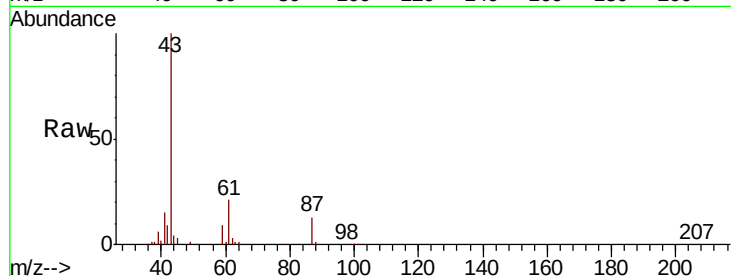
Tot Ion: 43 Resp: 238942

Ion Ratio Lower Upper

43 100

61 27.2 21.0 31.6

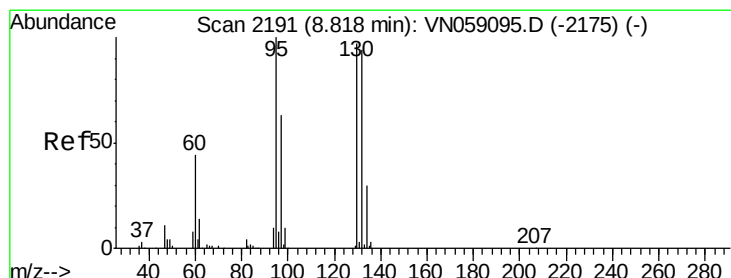
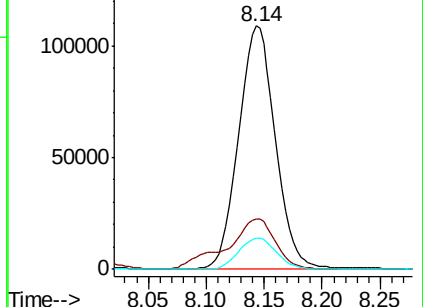
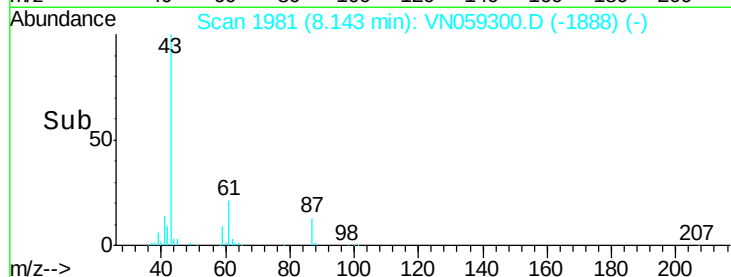
87 13.3 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059300.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059300.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059300.D (-1888) (-)



#44

Trichloroethene

Concen: 26.342 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059300.D

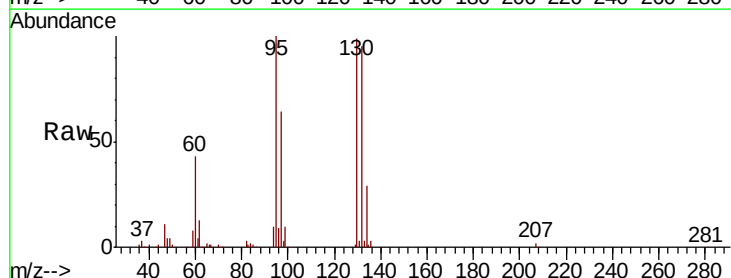
Acq: 19 Nov 2019 12:24

Tgt Ion: 130 Resp: 111815

Ion Ratio Lower Upper

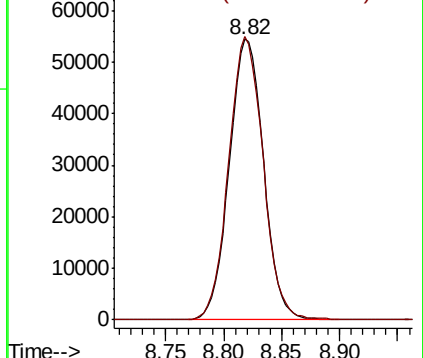
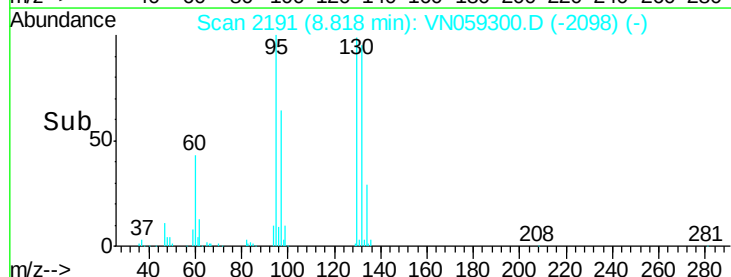
130 100

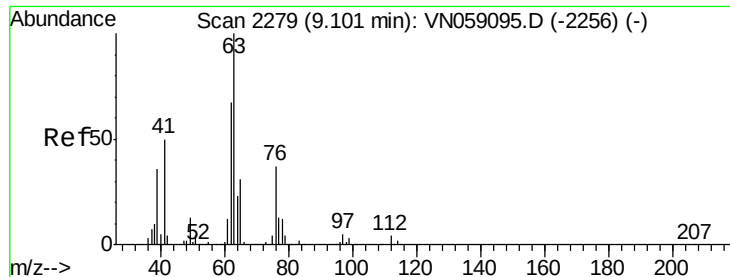
95 101.0 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059300.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059300.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 25.381 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

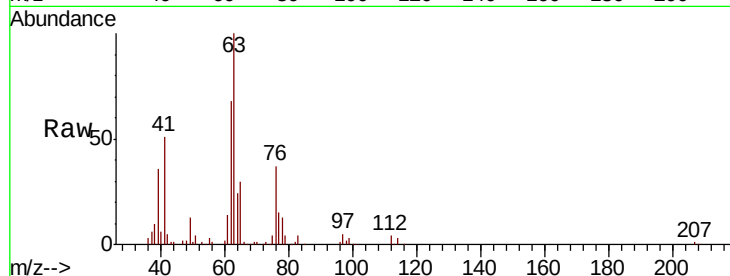
ClientSampleId :

Tot Ion: 63 Resp: 119044

Ion Ratio Lower Upper

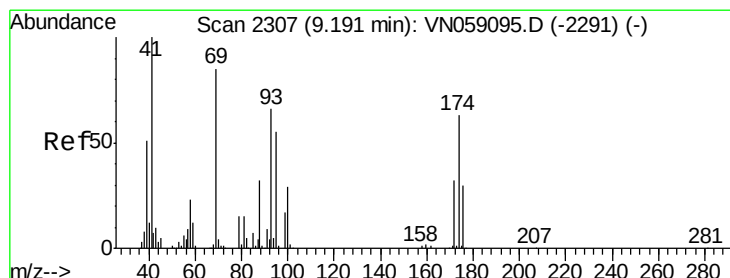
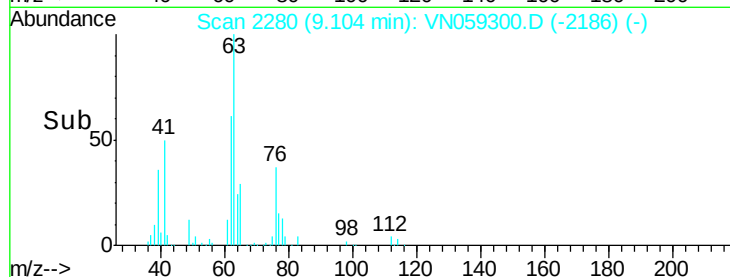
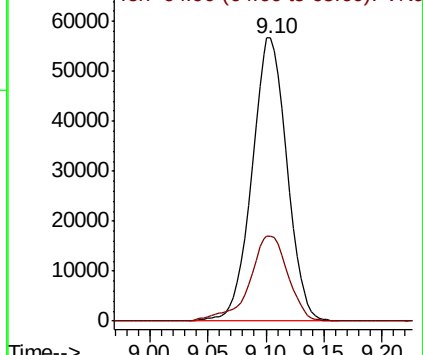
63 100

65 30.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#46

Dibromomethane

Concen: 24.916 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

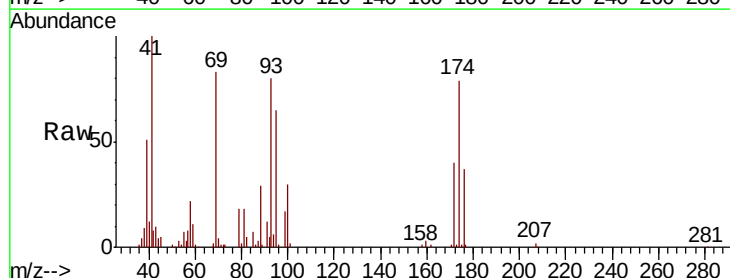
Tgt Ion: 93 Resp: 72823

Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

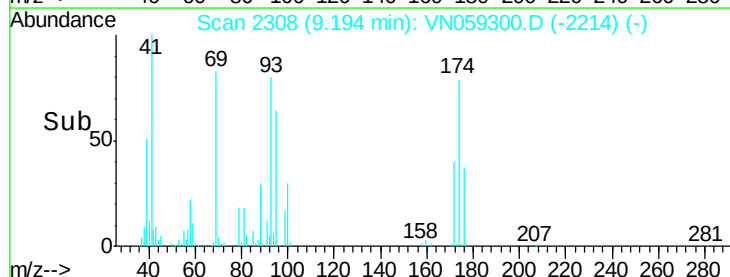
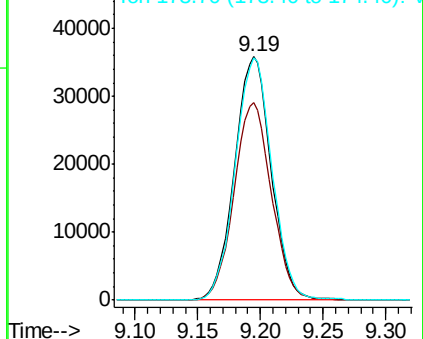
174 100.1 78.2 117.2

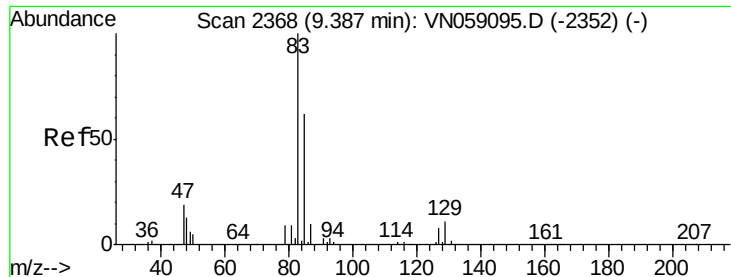


Abundance Ion 92.80 (92.50 to 93.50): VNO

Ion 94.80 (94.50 to 95.50): VNO

Ion 173.70 (173.40 to 174.40): VNO





#47

Bromodichloromethane

Concen: 24.925 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

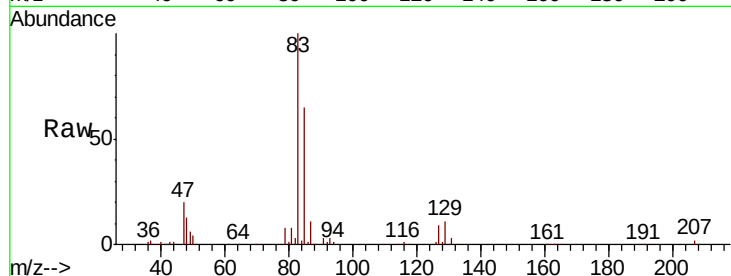
Tot Ion: 83 Resp: 145468

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

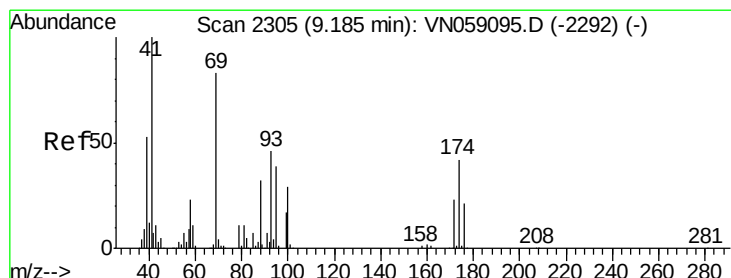
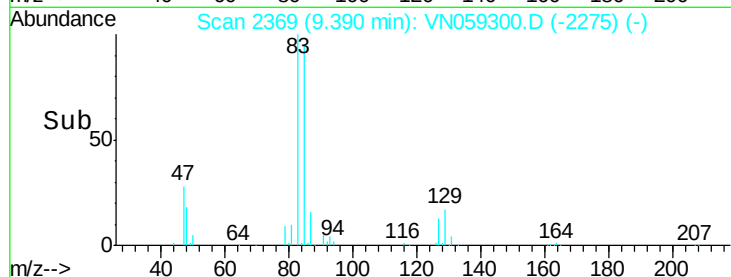
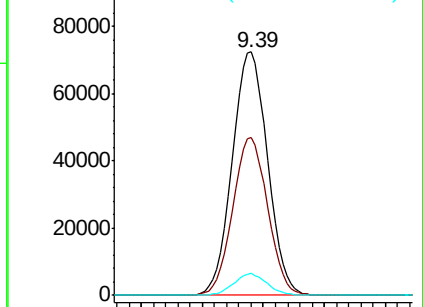
127 8.9 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VN059095.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN059095.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN059095.D (-2352) (-)



#48

Methyl methacrylate

Concen: 23.878 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

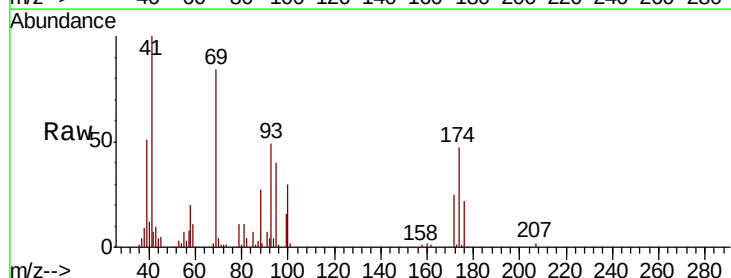
Tgt Ion: 41 Resp: 108623

Ion Ratio Lower Upper

41 100

69 86.8 67.3 100.9

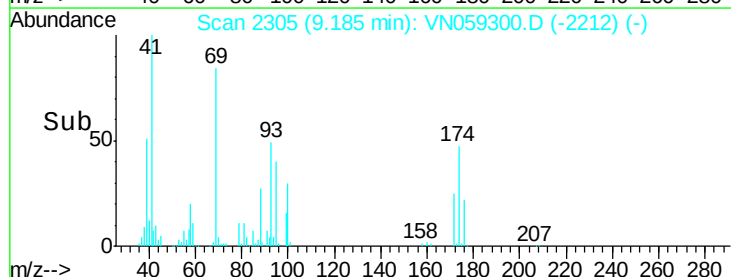
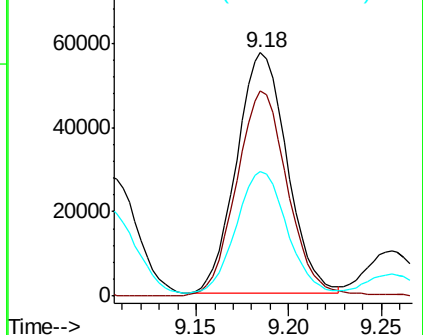
39 52.9 43.3 64.9

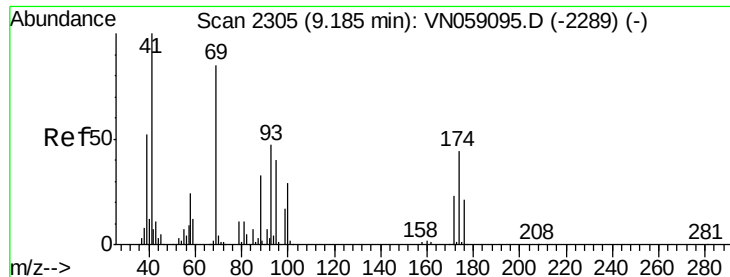


Abundance Ion 41.00 (40.70 to 41.70): VN059095.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN059095.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN059095.D (-2292) (-)

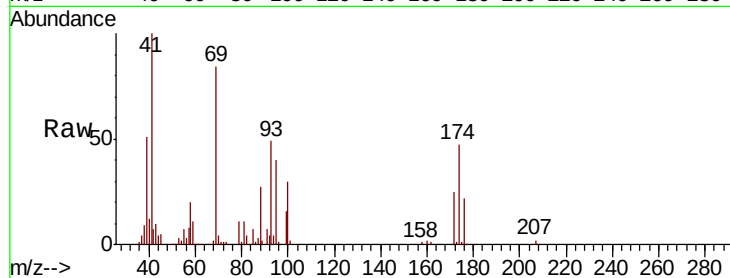




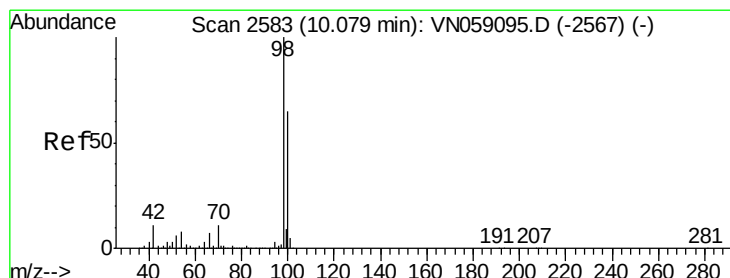
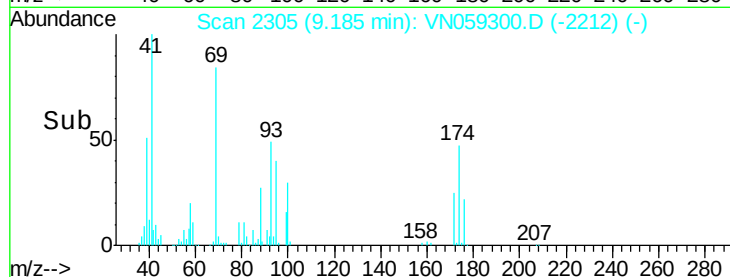
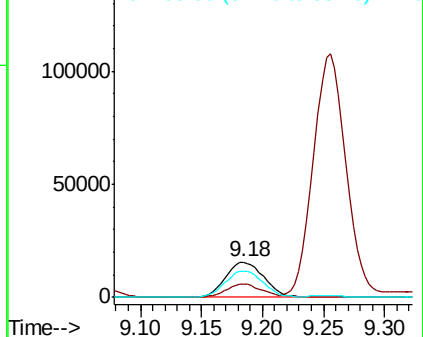
#49
 1,4-Dioxane
 Concen: 430.494 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 34803
 Ion Ratio Lower Upper
 88 100
 43 34.8 26.3 39.5
 58 72.1 60.6 90.8

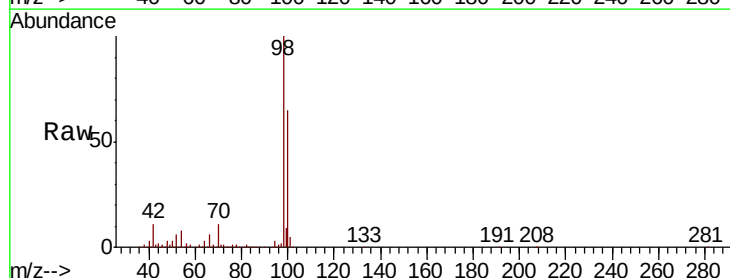


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

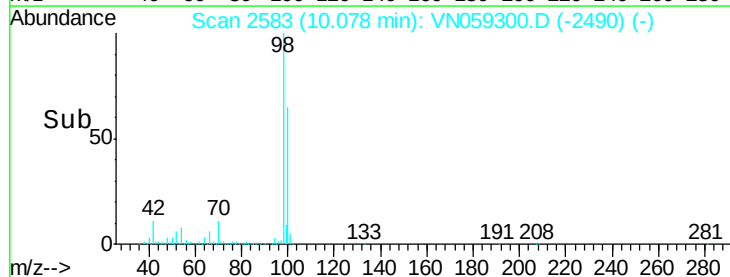
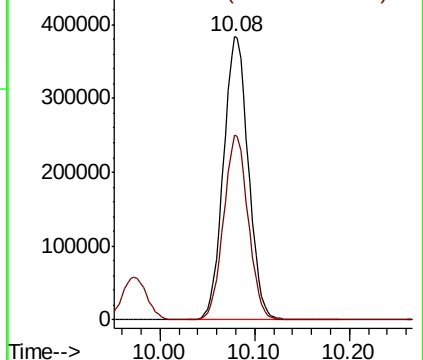


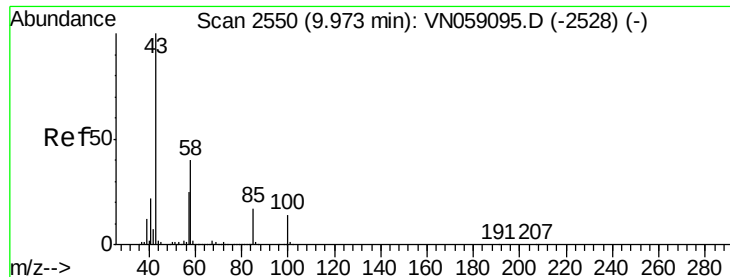
#50
 Toluene-d8
 Concen: 48.669 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 98 Resp: 702230
 Ion Ratio Lower Upper
 98 100
 100 64.3 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: 129.497 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

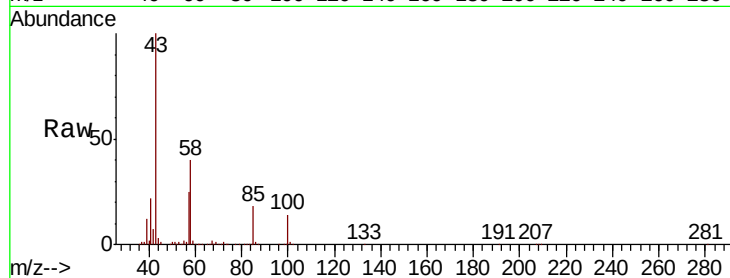
ClientSampleId :

Tot Ion: 43 Resp: 745197

Ion Ratio Lower Upper

43 100

58 39.5 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

400000

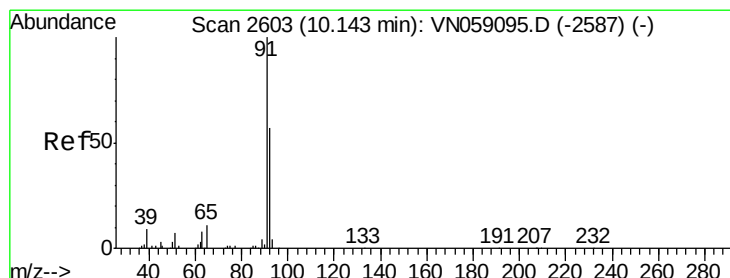
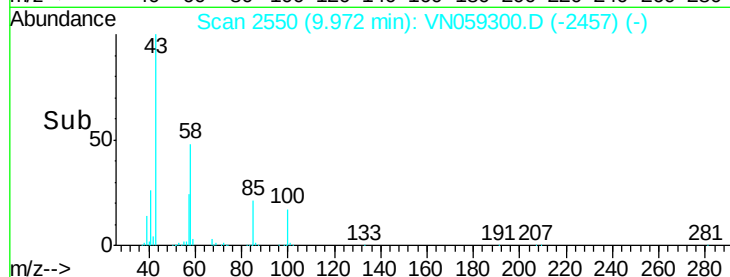
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 26.195 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059300.D

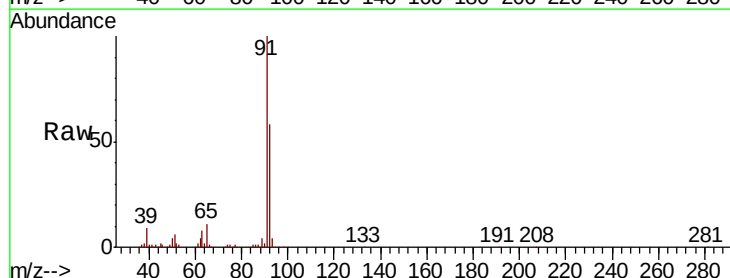
Acq: 19 Nov 2019 12:24

Tgt Ion: 92 Resp: 271123

Ion Ratio Lower Upper

92 100

91 173.4 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

300000

250000

200000

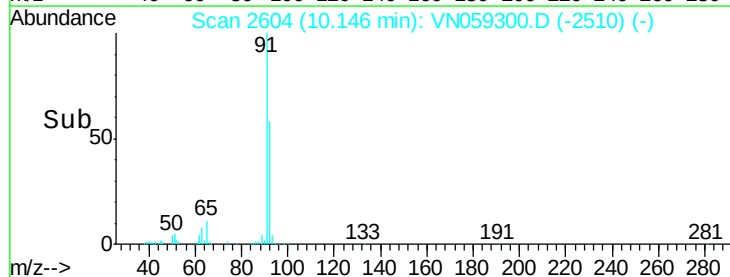
150000

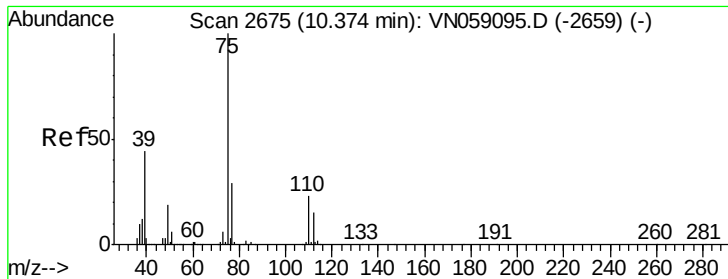
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 25.023 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

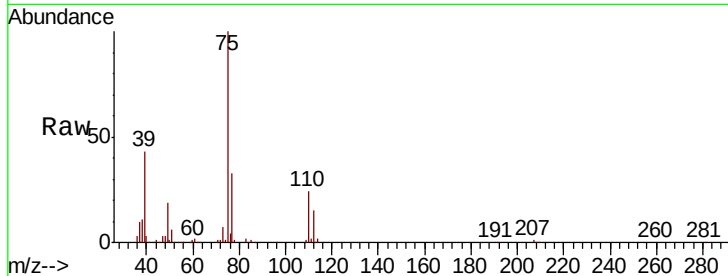
ClientSampled :

Tot Ion: 75 Resp: 168726

Ion Ratio Lower Upper

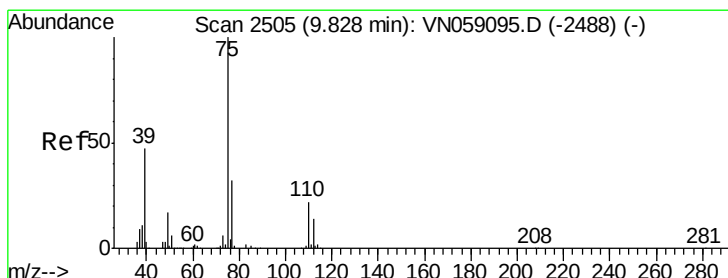
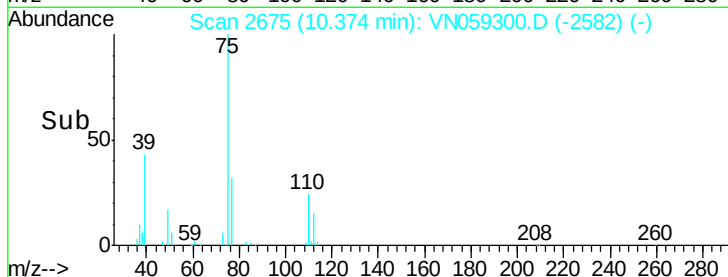
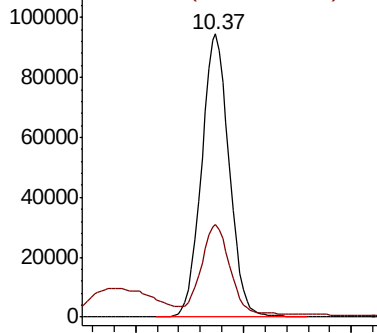
75 100

77 31.5 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: 25.438 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

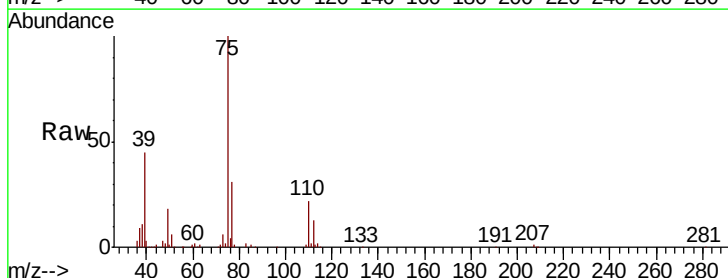
Tgt Ion: 75 Resp: 184503

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3

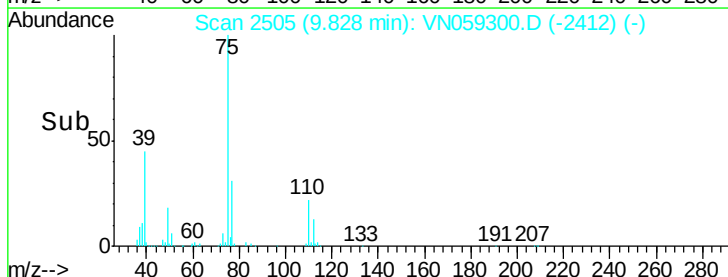
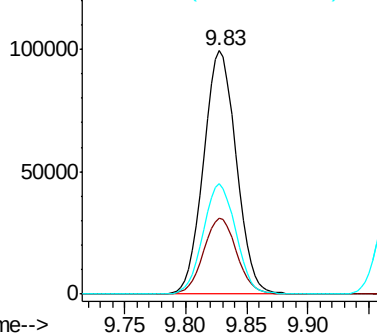
39 45.4 37.3 55.9

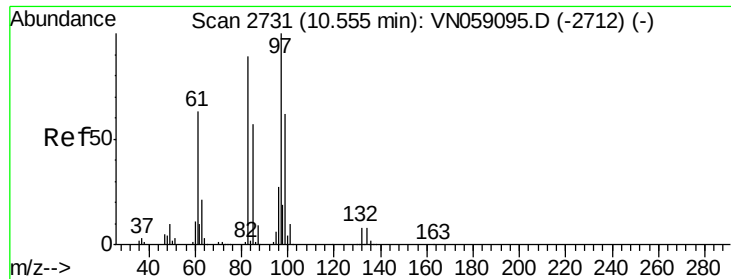


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

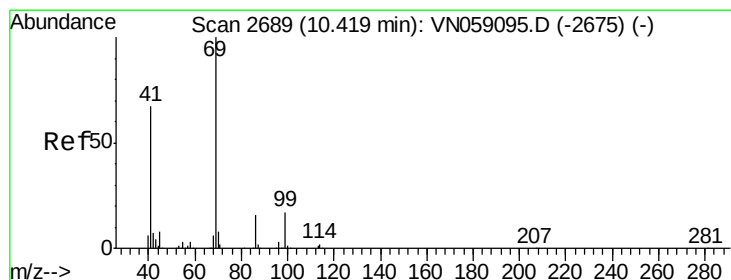
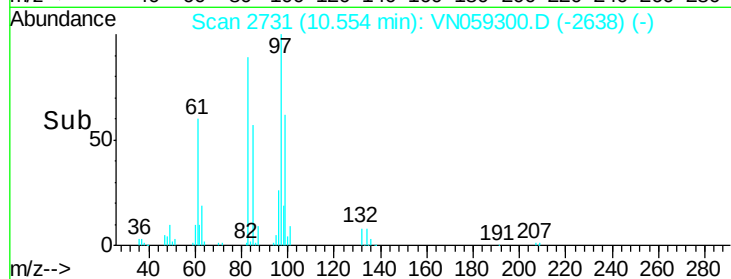
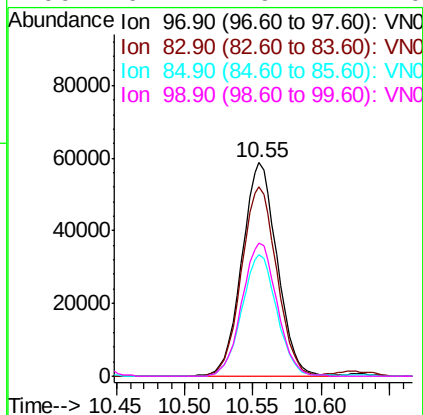
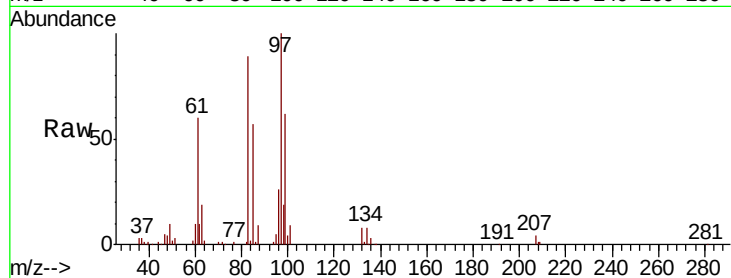




#55
 1,1,2-Trichloroethane
 Concen: 25.125 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

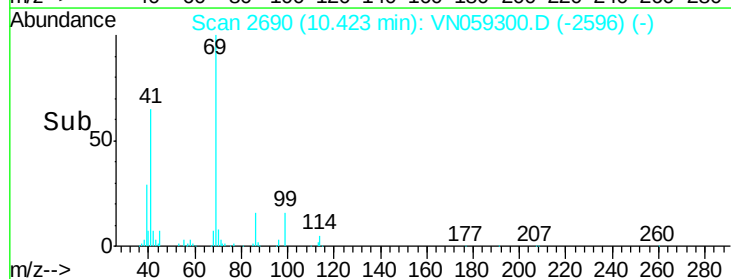
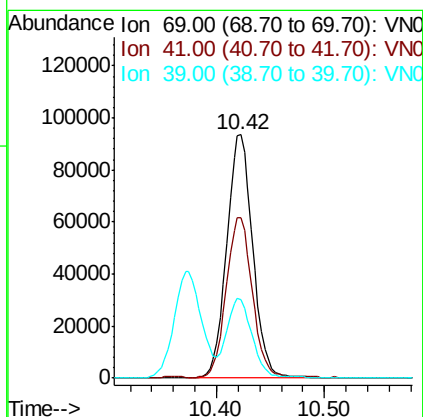
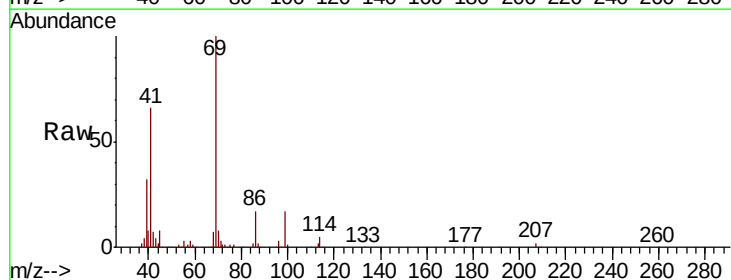
Instrument :
 MSVOA_N
 ClientSampleId :

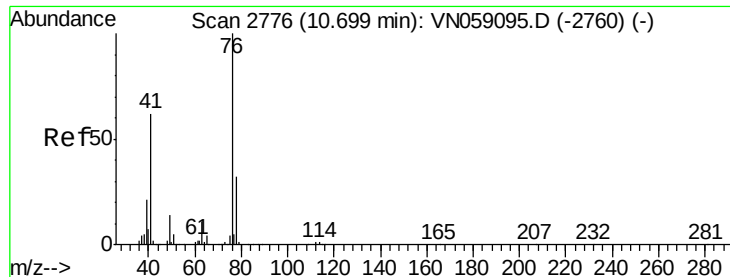
Tot Ion: 97 Resp: 105241
 Ion Ratio Lower Upper
 97 100
 83 88.7 71.0 106.4
 85 57.0 45.8 68.8
 99 62.4 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 23.595 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 69 Resp: 157661
 Ion Ratio Lower Upper
 69 100
 41 65.0 53.6 80.4
 39 31.6 26.2 39.4





#57

1,3-Dichloropropane

Concen: 25.407 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

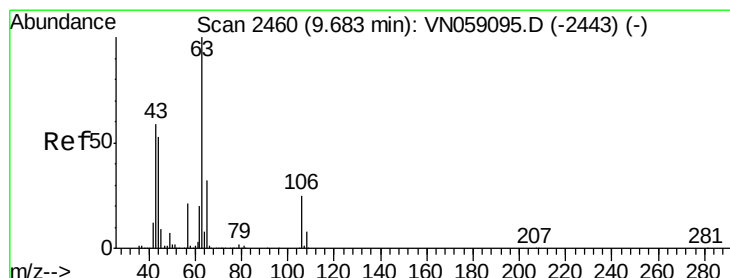
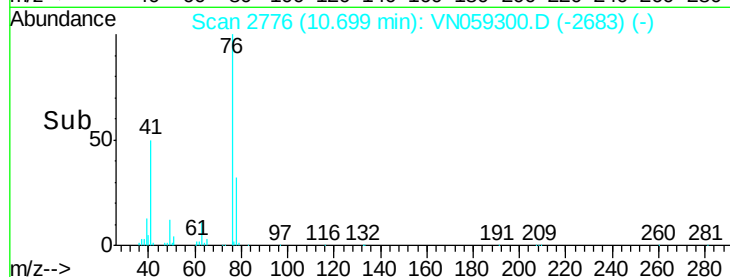
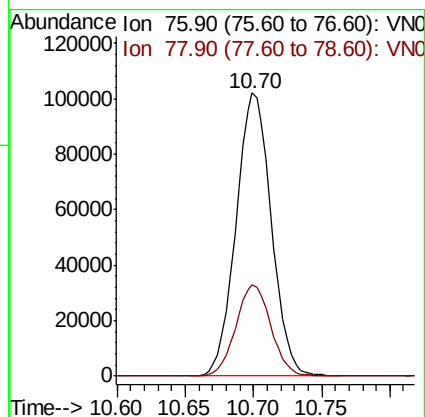
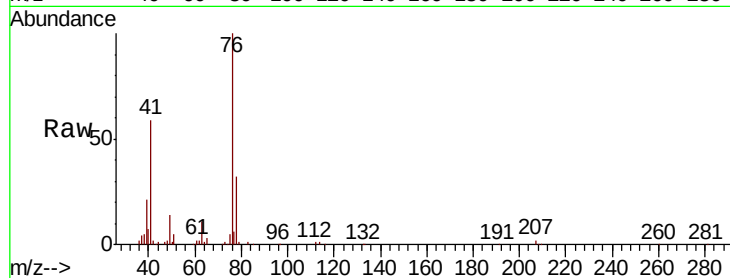
ClientSampleId :

Tot Ion: 76 Resp: 183164

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 117.449 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059300.D

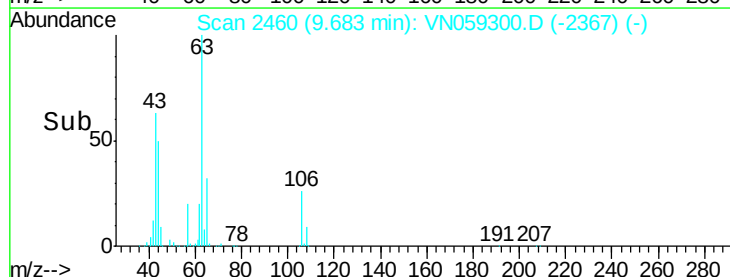
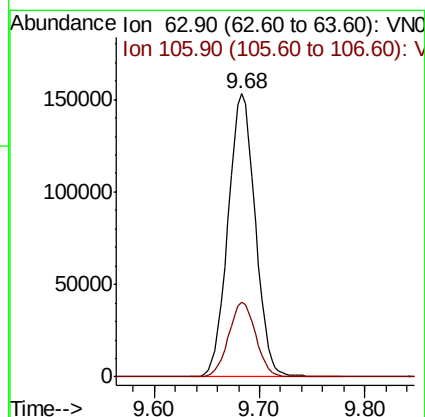
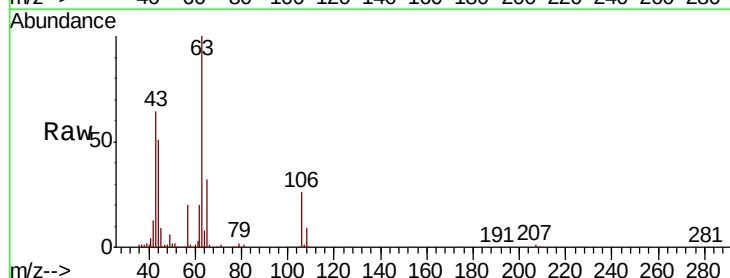
Acq: 19 Nov 2019 12:24

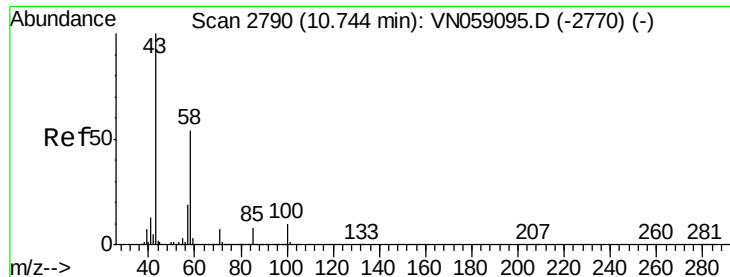
Tgt Ion: 63 Resp: 273790

Ion Ratio Lower Upper

63 100

106 26.3 20.2 30.2

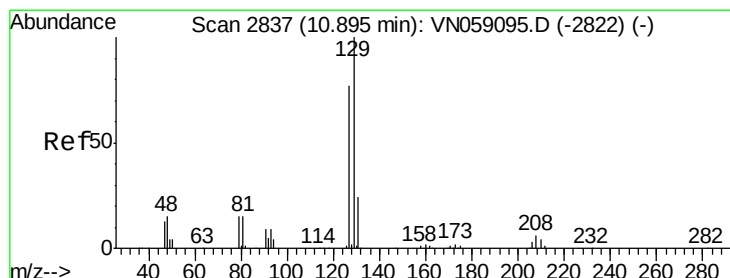
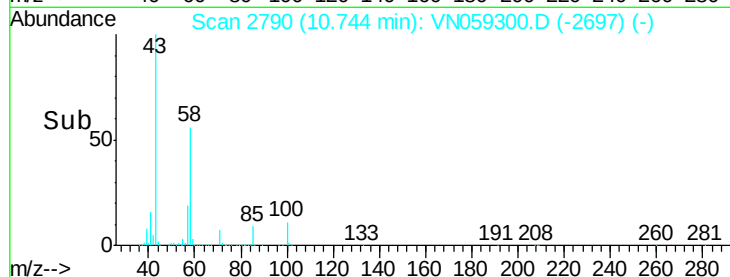
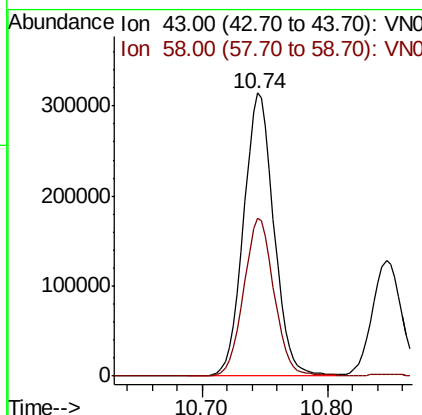
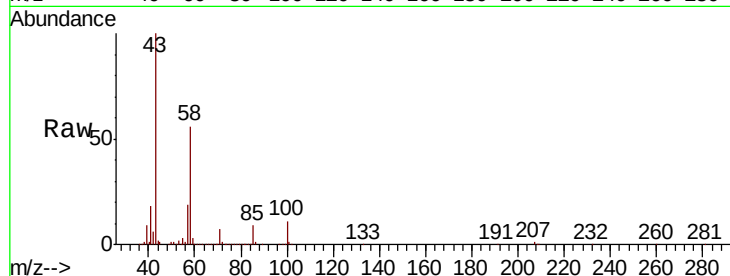




#59
2-Hexanone
Concen: 119.566 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

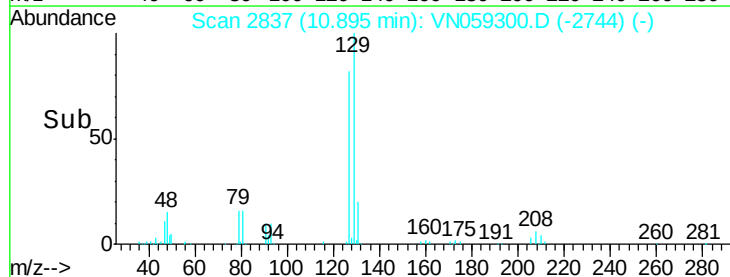
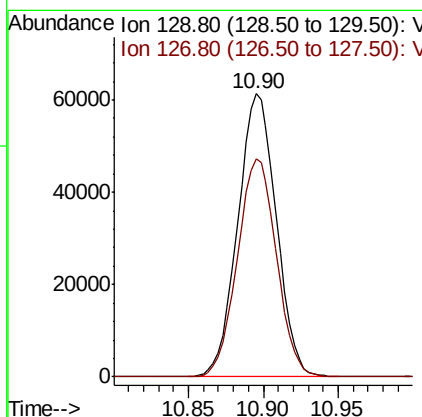
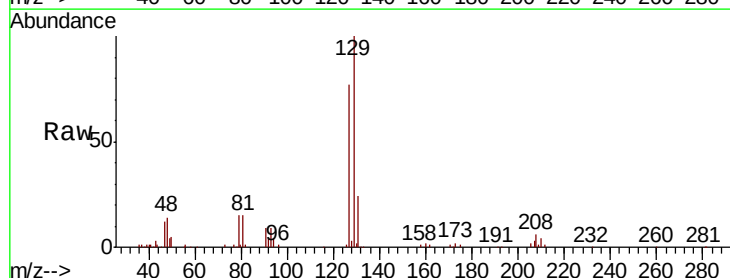
Instrument :
MSVOA_N
ClientSampleId :

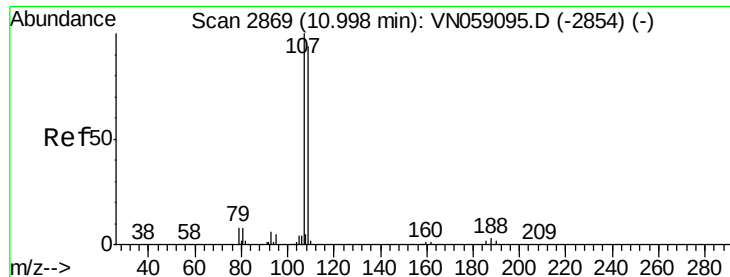
Tot Ion: 43 Resp: 528108
Ion Ratio Lower Upper
43 100
58 56.1 27.3 81.8



#60
Dibromochloromethane
Concen: 24.801 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 129 Resp: 109837
Ion Ratio Lower Upper
129 100
127 78.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 25.496 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

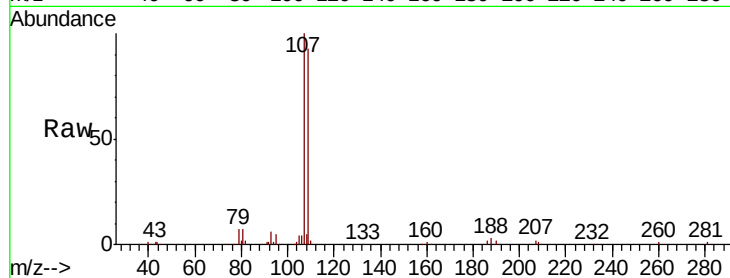
ClientSampleId :

Tot Ion: 107 Resp: 108111

Ion Ratio Lower Upper

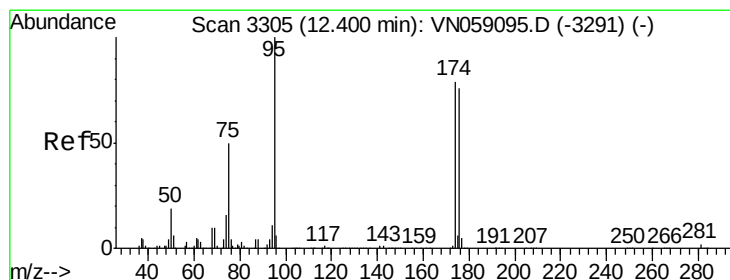
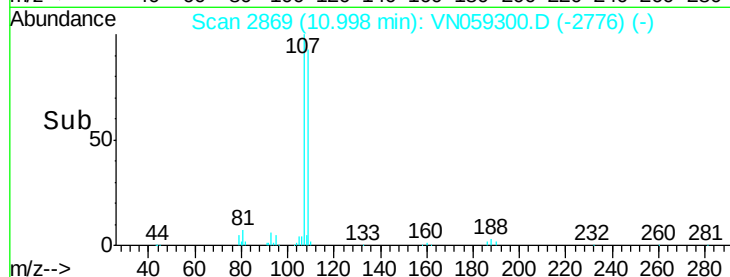
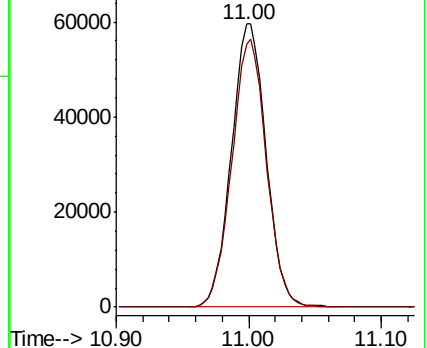
107 100

109 94.2 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: 50.147 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

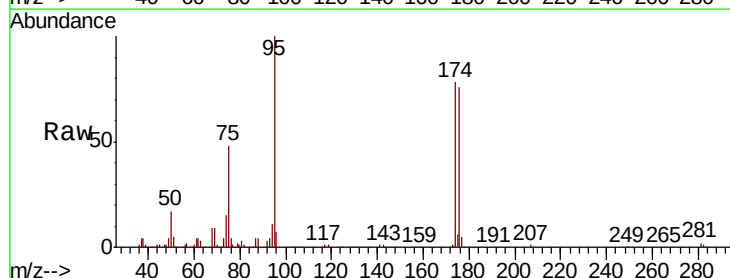
Tgt Ion: 95 Resp: 260886

Ion Ratio Lower Upper

95 100

174 77.5 0.0 158.2

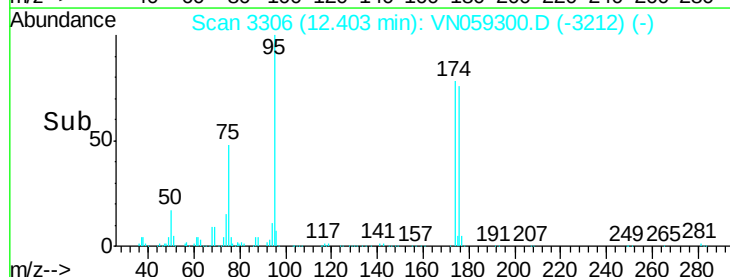
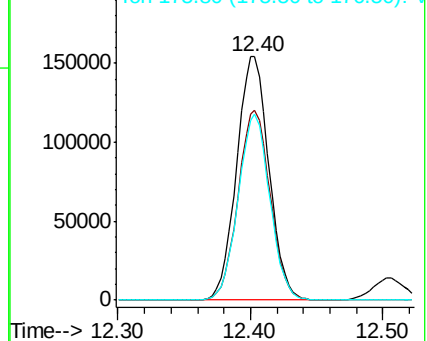
176 74.8 0.0 151.8

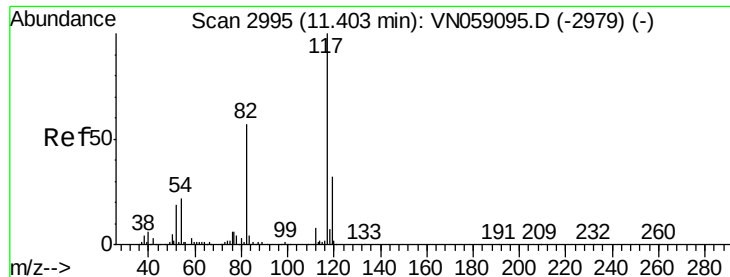


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

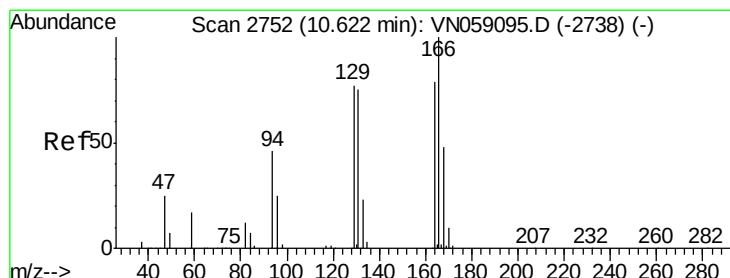
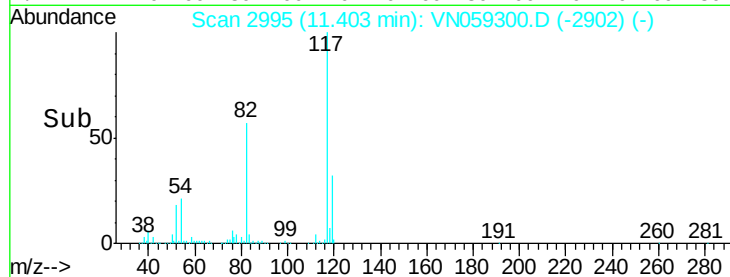
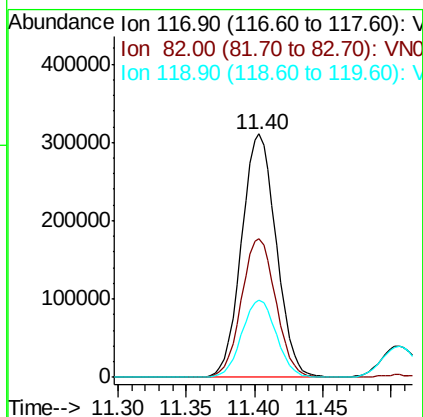
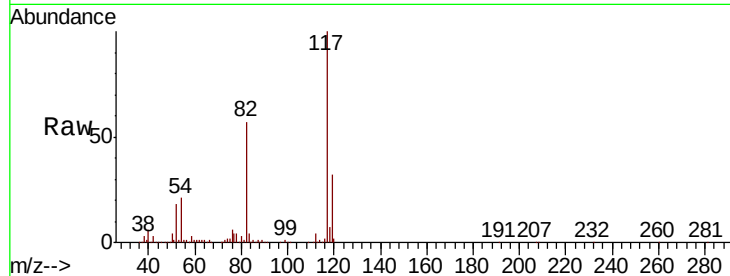




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

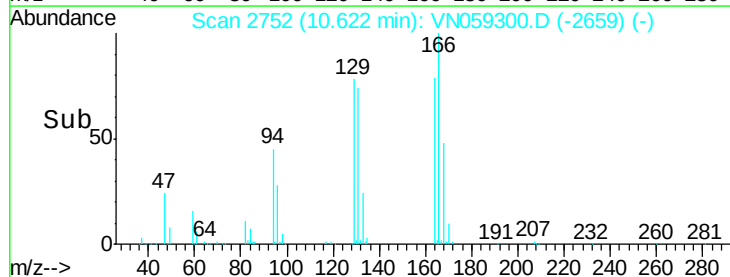
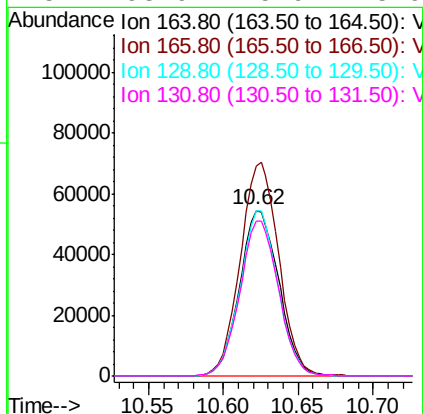
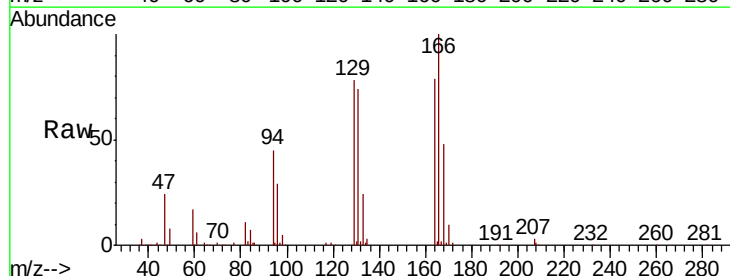
Instrument :
MSVOA_N
ClientSampled :

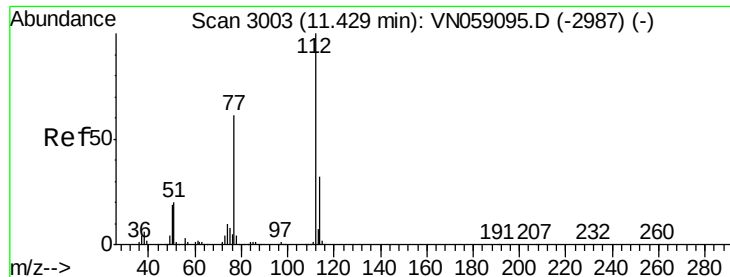
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	45.8	68.8
119	31.6	25.8	38.6



#64
Tetrachloroethene
Concen: 26.700 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	101.5	152.3
129	99.8	78.3	117.5
131	93.9	75.9	113.9

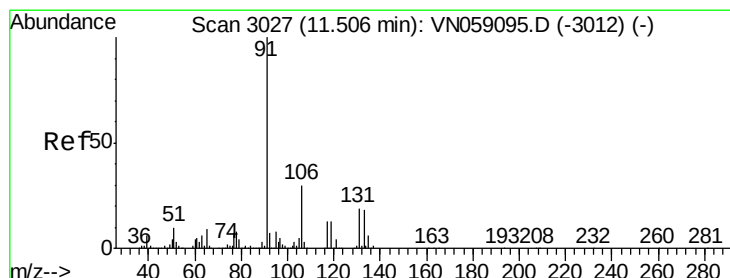
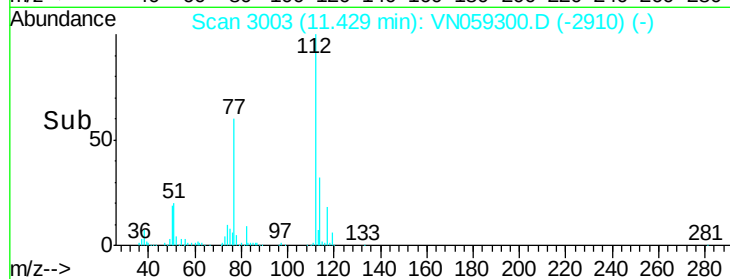
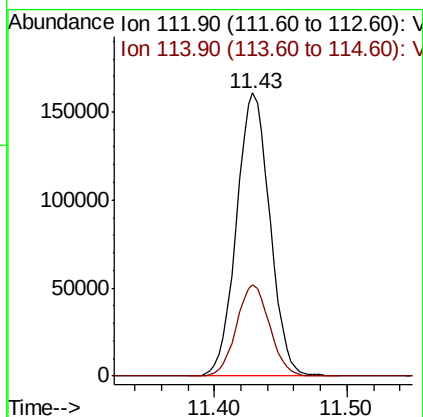
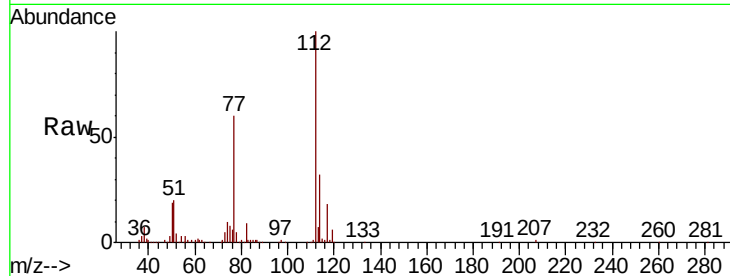




#65
Chlorobenzene
Concen: 26.301 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

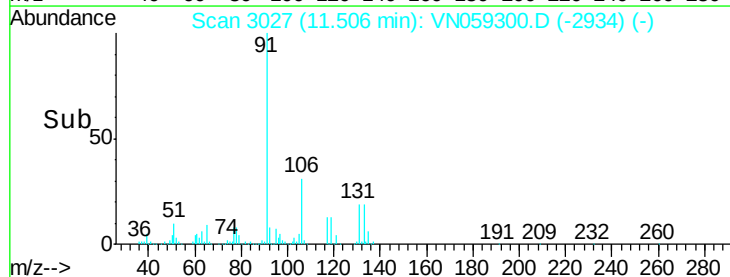
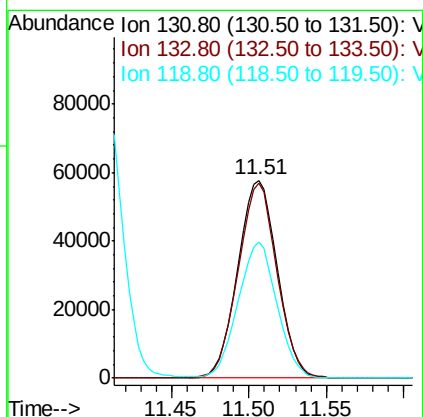
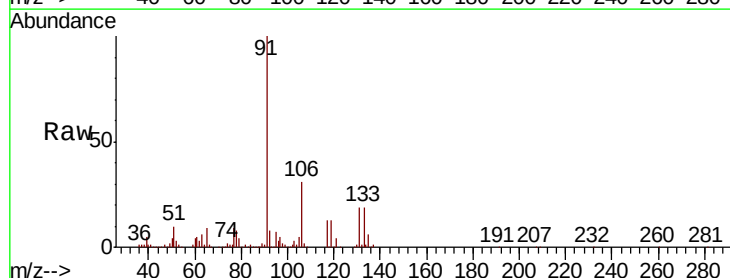
Instrument :
MSVOA_N
ClientSampled :

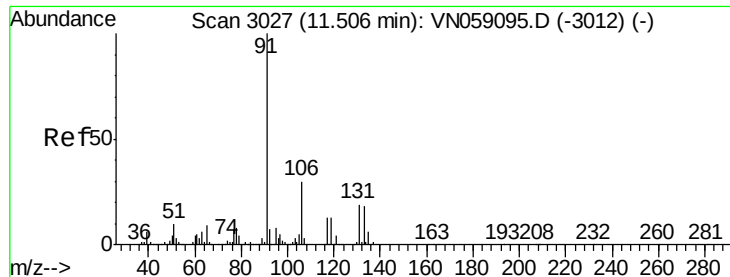
Tot Ion:112 Resp: 280571
Ion Ratio Lower Upper
112 100
114 32.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 25.603 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion:131 Resp: 102457
Ion Ratio Lower Upper
131 100
133 97.2 47.4 142.3
119 67.9 33.2 99.6





#67

Ethyl Benzene

Concen: 26.976 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

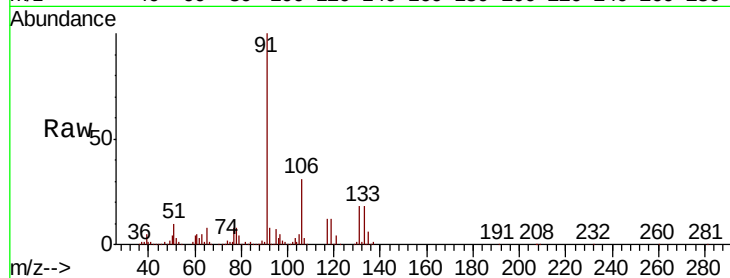
ClientSampled :

Tot Ion: 91 Resp: 510569

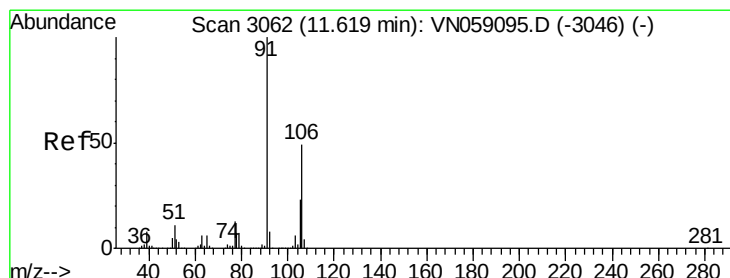
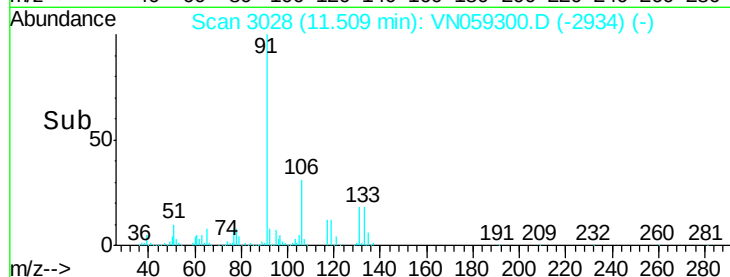
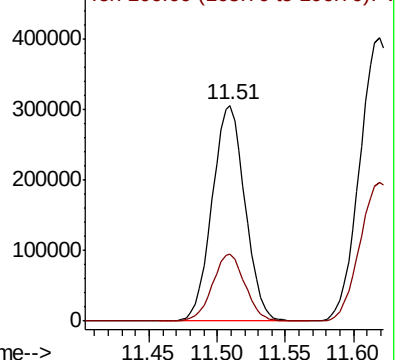
Ion Ratio Lower Upper

91 100

106 30.9 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059095.D (-3012) (-)



#68

m/p-Xylenes

Concen: 54.337 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059300.D

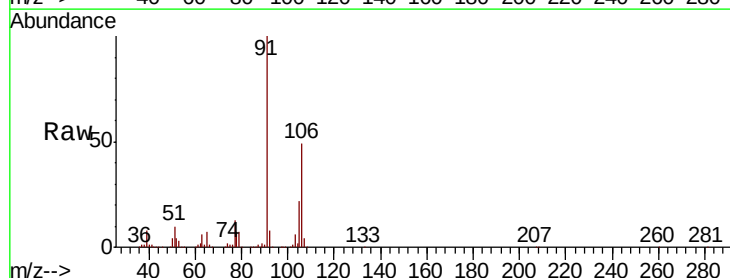
Acq: 19 Nov 2019 12:24

Tgt Ion: 106 Resp: 385241

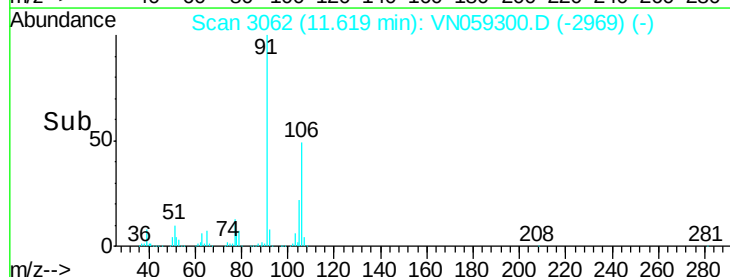
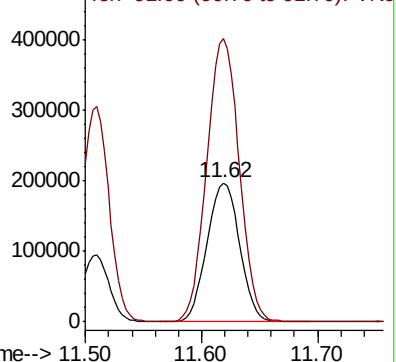
Ion Ratio Lower Upper

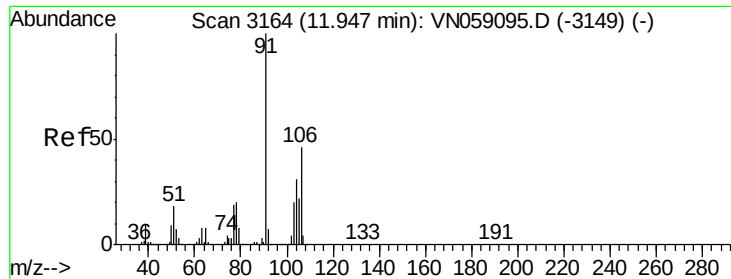
106 100

91 202.6 164.7 247.1



Abundance Ion 106.00 (105.70 to 106.70): VN059095.D (-3046) (-)

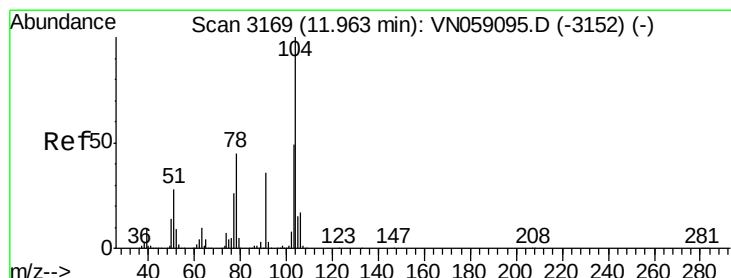
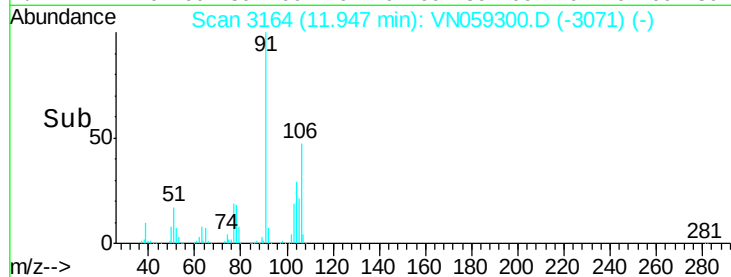
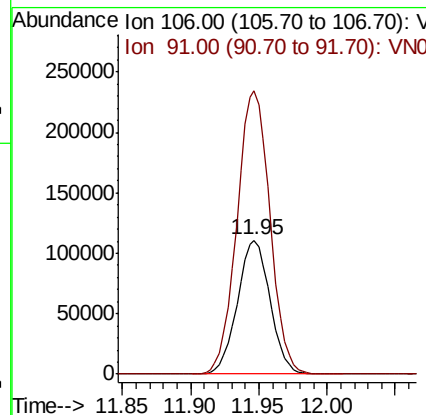
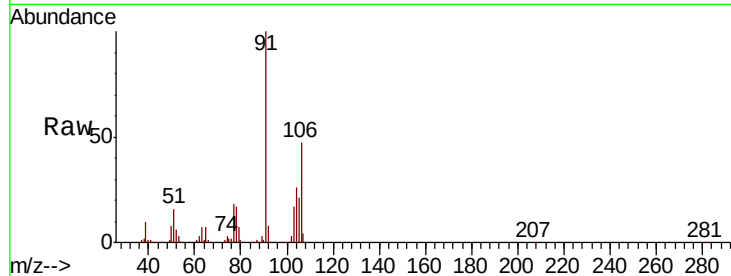




#69
o-Xylene
Concen: 26.840 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

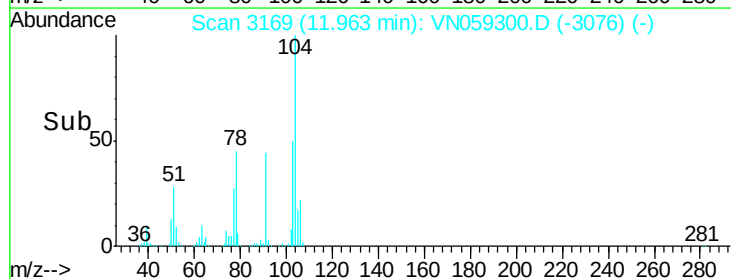
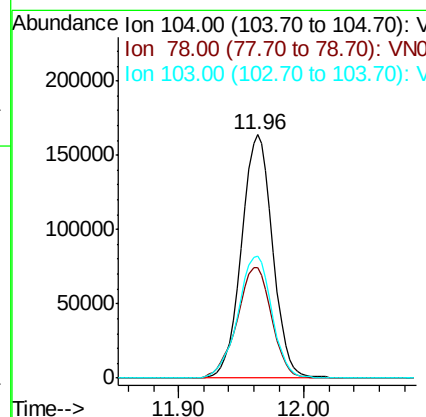
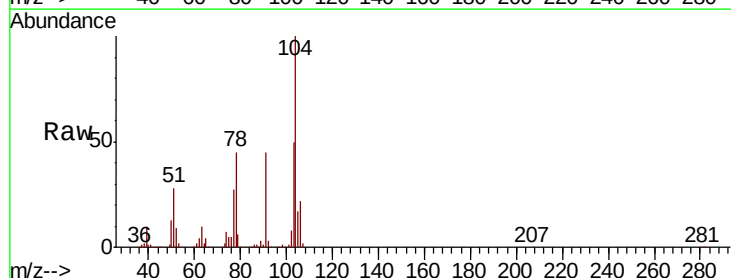
Instrument :
MSVOA_N
ClientSampled :

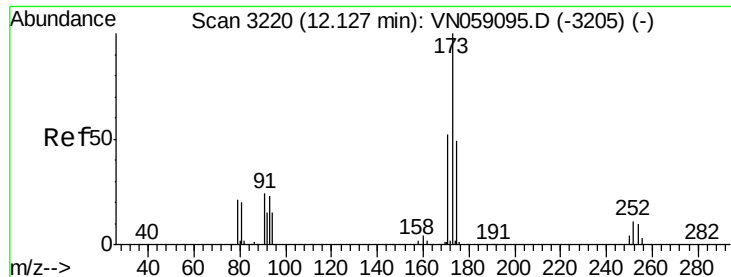
Tot Ion:106 Resp: 183897
Ion Ratio Lower Upper
106 100
91 214.2 110.1 330.3



#70
Styrene
Concen: 26.205 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion:104 Resp: 282382
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 55.0 43.8 65.6





#71

Bromoform

Concen: 24.498 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

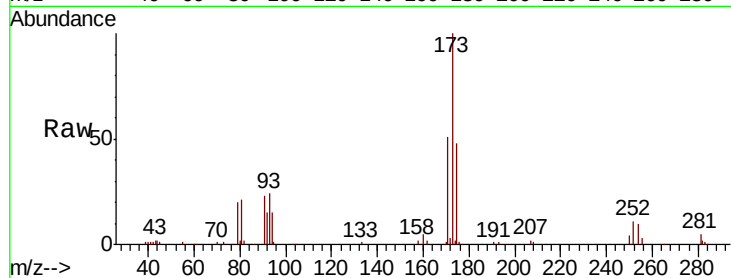
Tot Ion:173 Resp: 76254

Ion Ratio Lower Upper

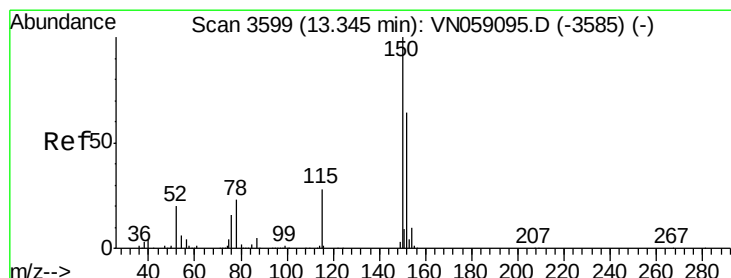
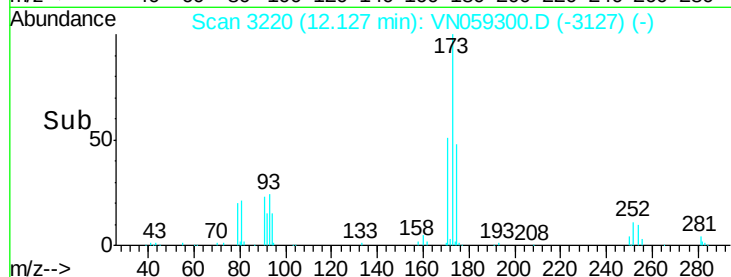
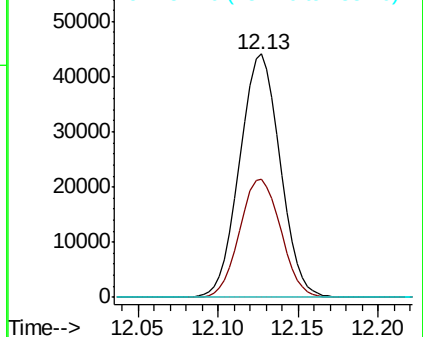
173 100

175 49.3 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: VN059300.D

Acq: 19 Nov 2019 12:24

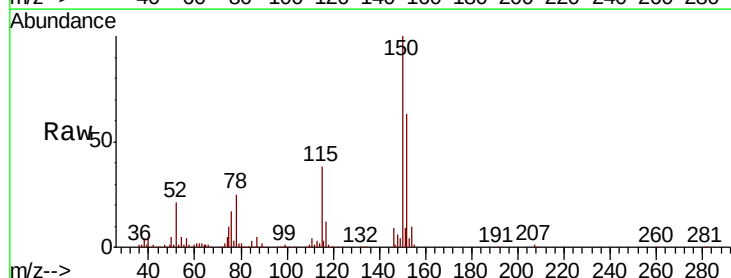
Tgt Ion:152 Resp: 246335

Ion Ratio Lower Upper

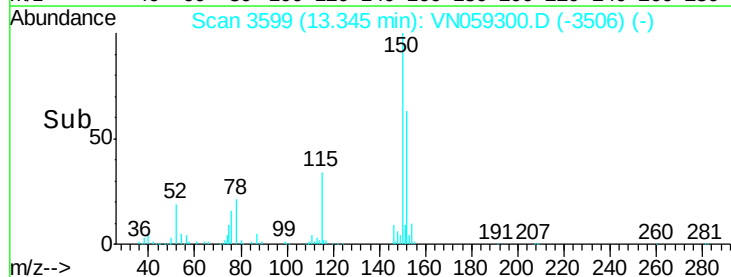
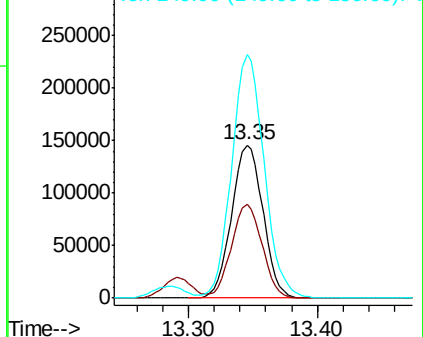
152 100

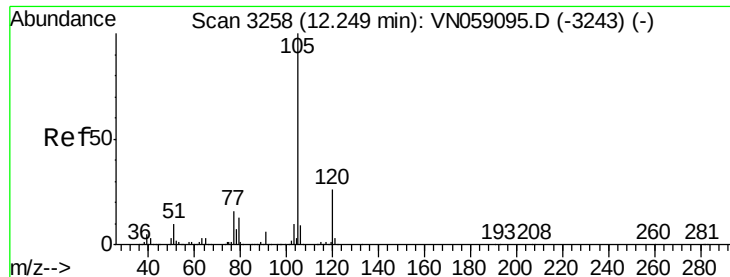
115 60.4 29.4 88.2

150 164.4 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: 27.408 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

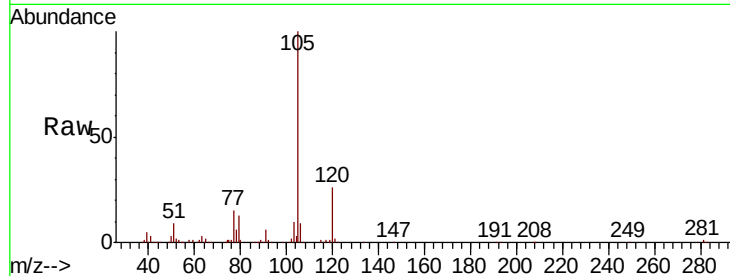
ClientSampleId :

Tot Ion:105 Resp: 491113

Ion Ratio Lower Upper

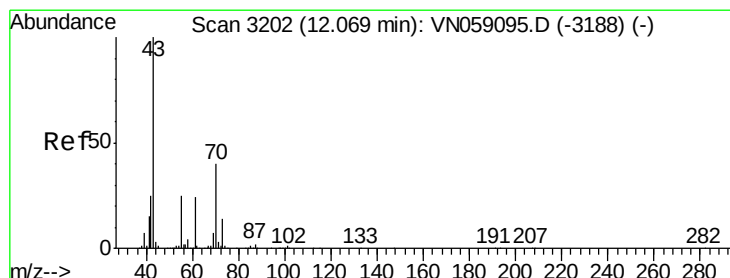
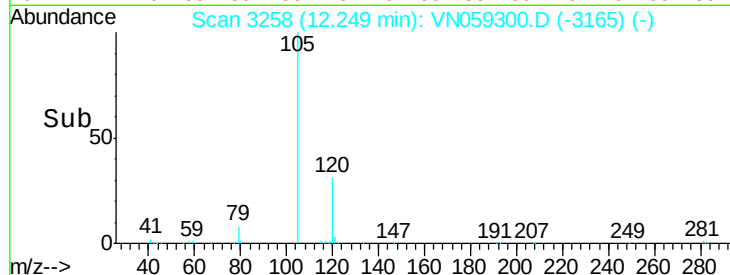
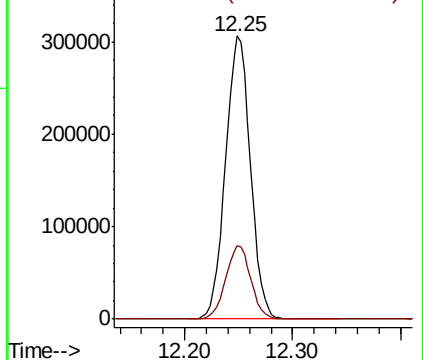
105 100

120 26.1 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: 24.439 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion: 43 Resp: 185556

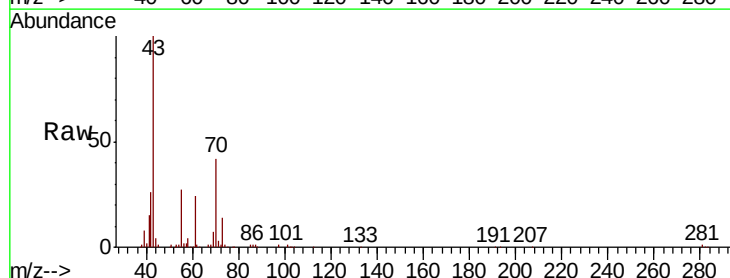
Ion Ratio Lower Upper

43 100

70 42.1 32.2 48.4

55 26.7 20.4 30.6

61 24.2 19.3 28.9

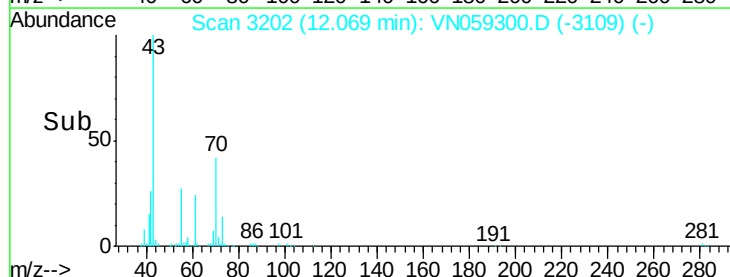
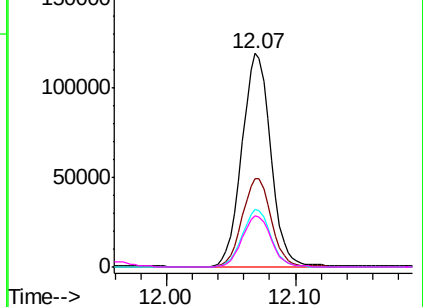


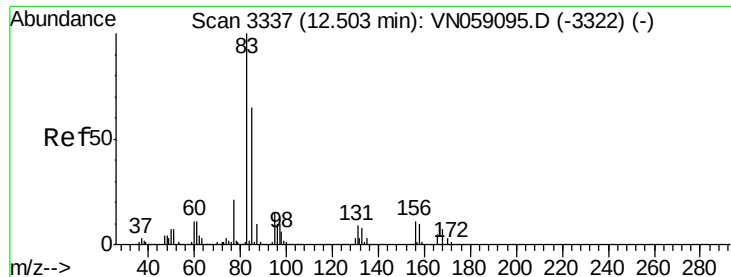
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 70.00 (69.70 to 70.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 61.00 (60.70 to 61.70): VNO





#75

1,1,2,2-Tetrachloroethane

Concen: 25.027 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

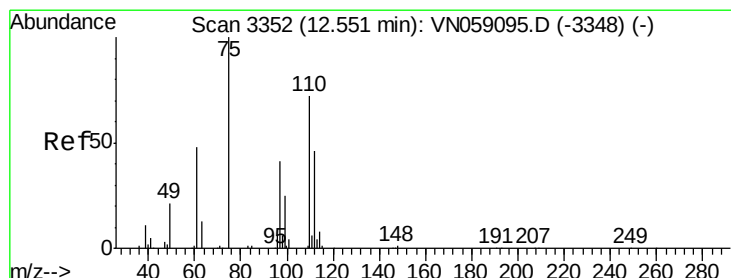
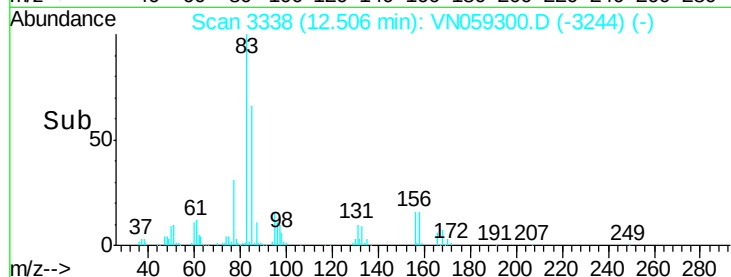
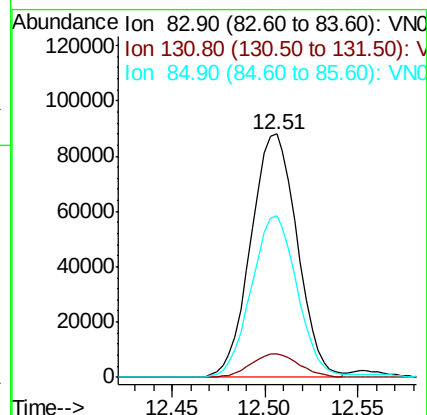
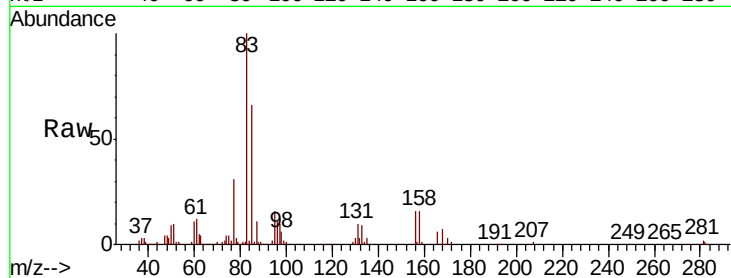
Tot Ion: 83 Resp: 152714

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.6

85 65.5 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 36.003 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059300.D

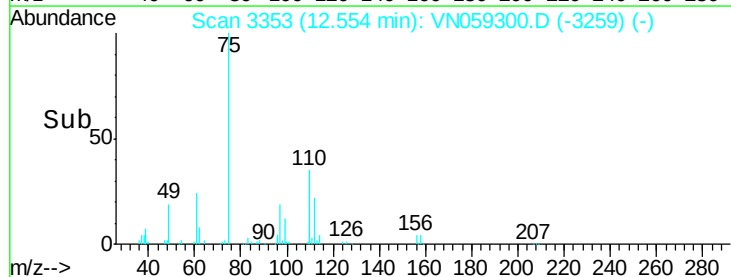
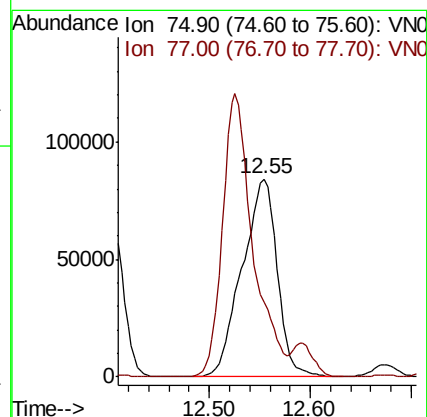
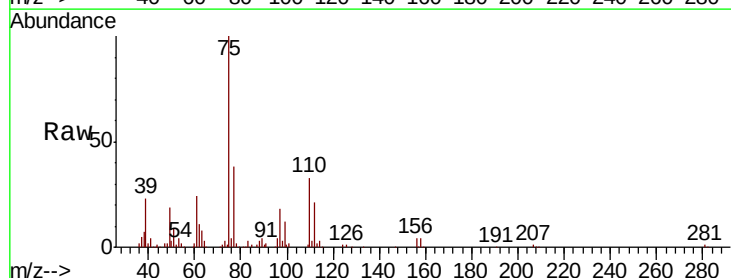
Acq: 19 Nov 2019 12:24

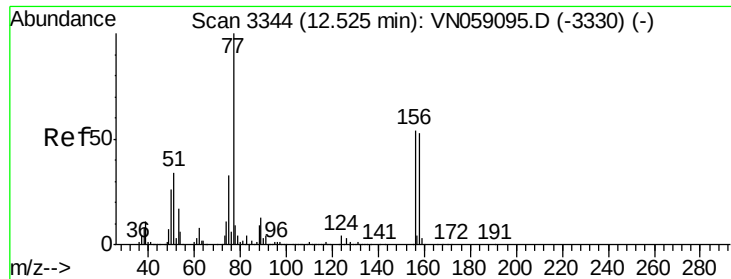
Tgt Ion: 75 Resp: 201913

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 25.757 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampled :

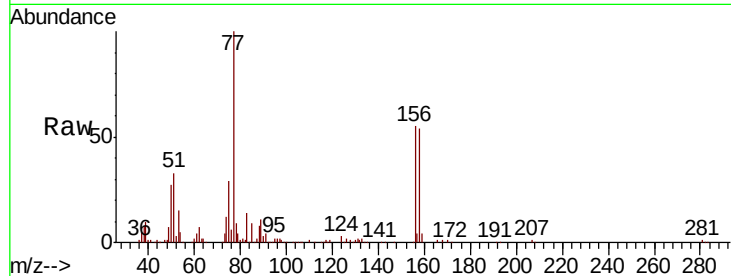
Tot Ion:156 Resp: 115956

Ion Ratio Lower Upper

156 100

77 218.5 112.8 338.3

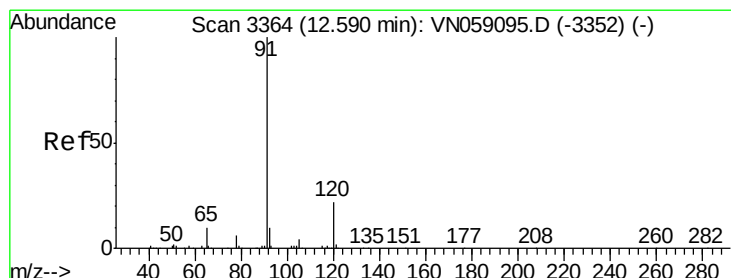
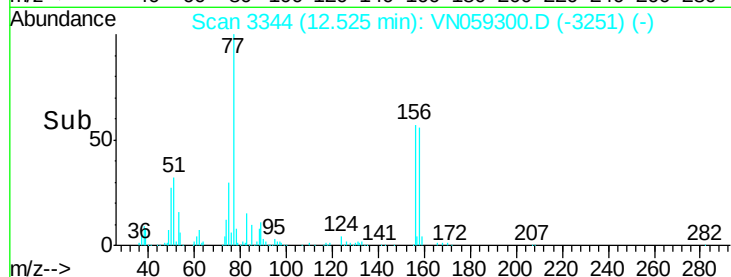
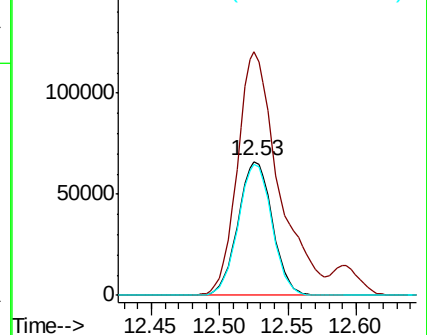
158 95.9 48.4 145.3



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: 27.111 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059300.D

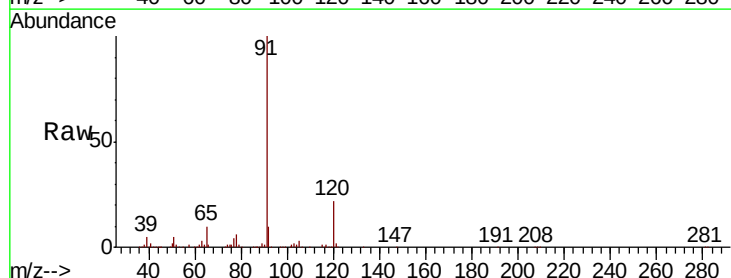
Acq: 19 Nov 2019 12:24

Tgt Ion: 91 Resp: 556226

Ion Ratio Lower Upper

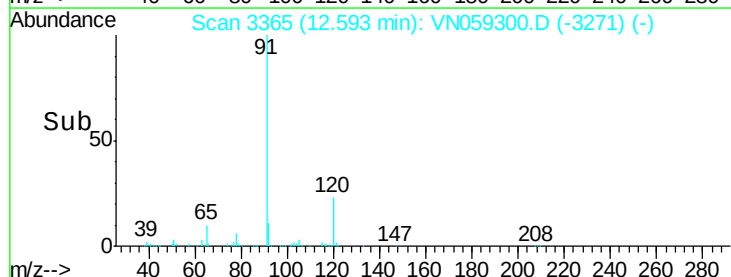
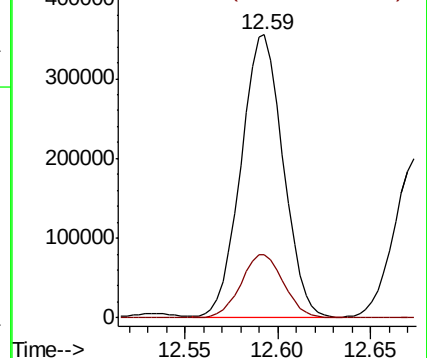
91 100

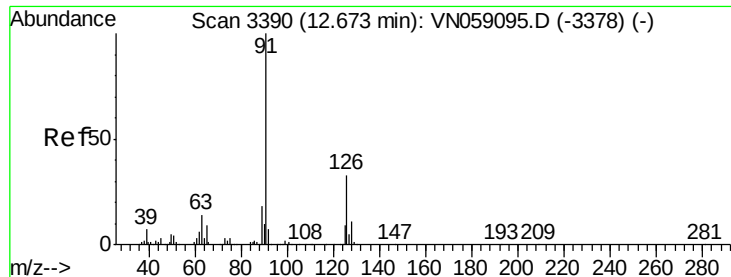
120 22.9 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

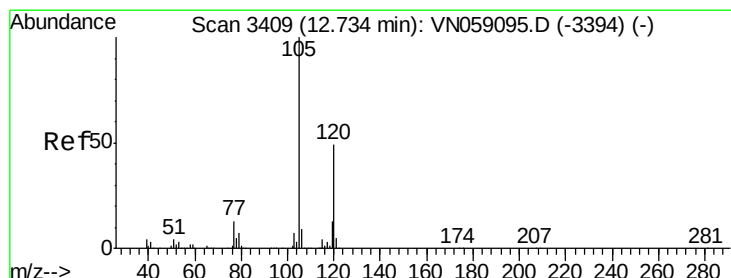
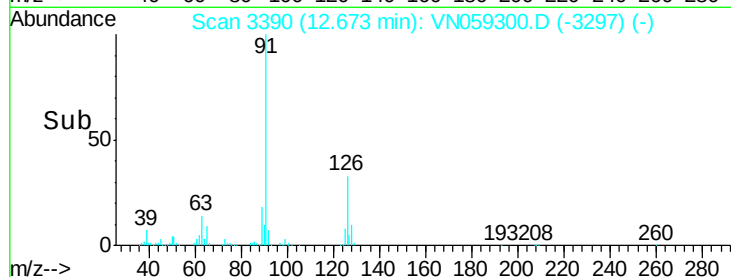
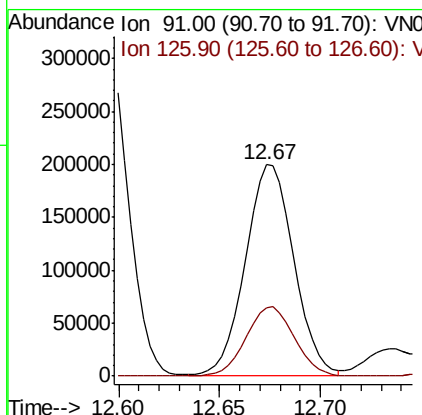
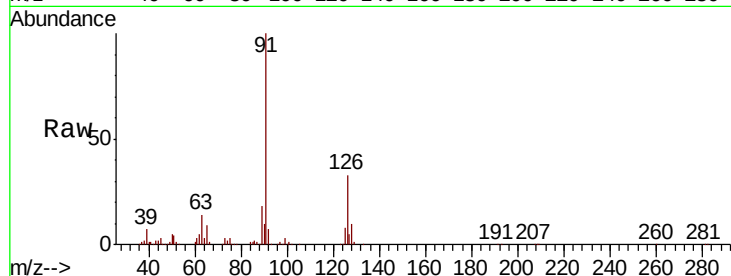




#79
 2-Chlorotoluene
 Concen: 26.195 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

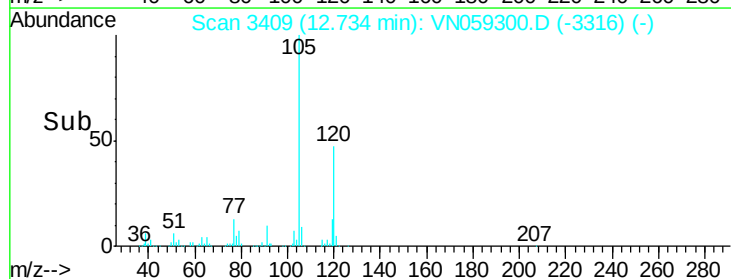
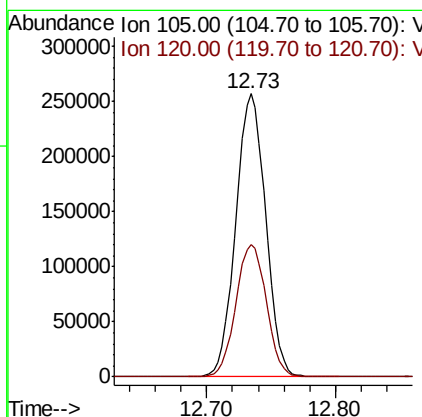
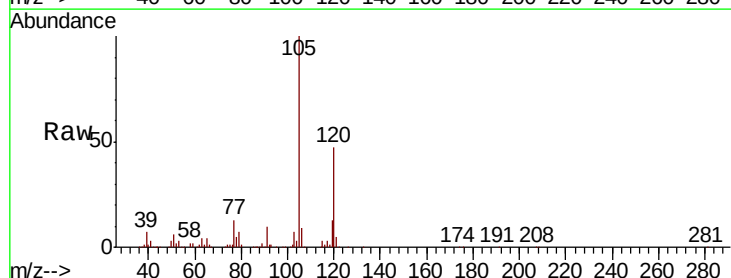
Instrument :
 MSVOA_N
 ClientSampleId :

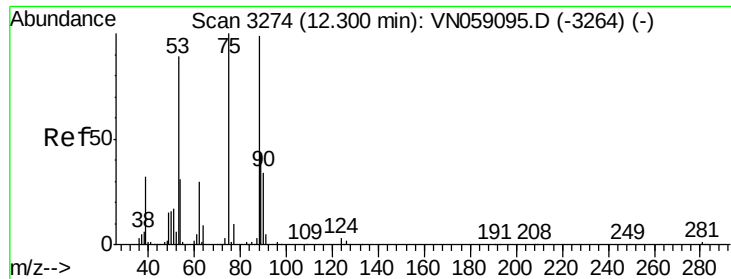
Tot Ion: 91 Resp: 333397
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 27.173 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion: 105 Resp: 412575
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.0 72.0

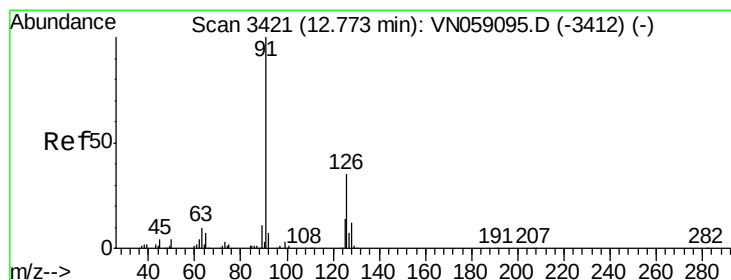
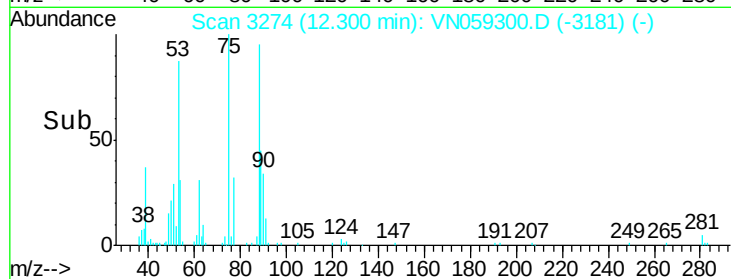
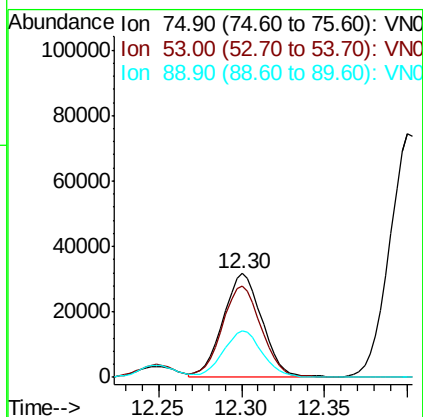
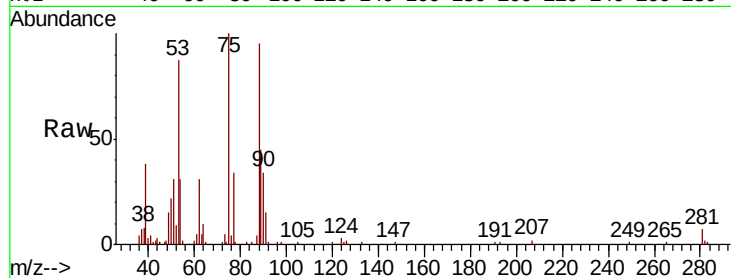




#81
trans-1,4-Dichloro-2-butene
Concen: 24.534 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

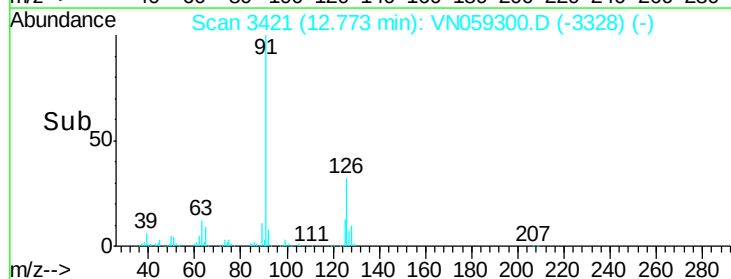
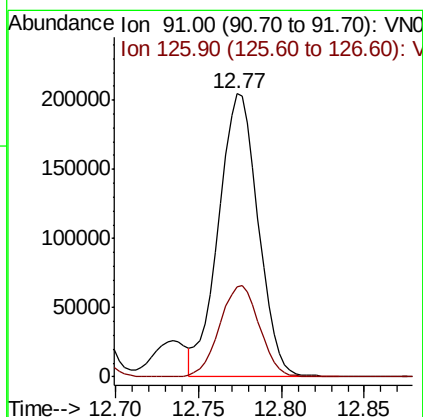
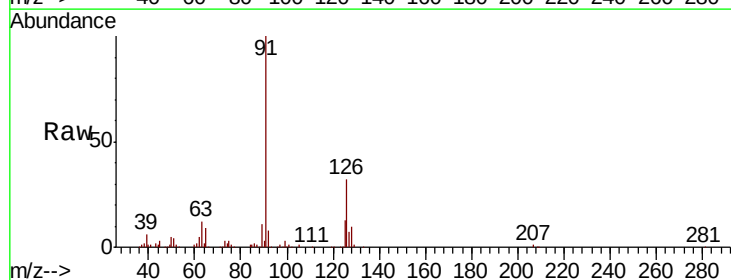
Instrument :
MSVOA_N
ClientSampled :

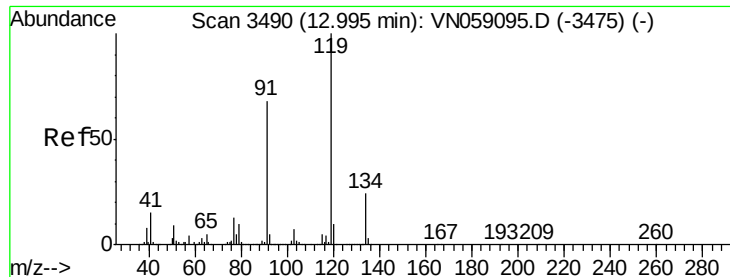
Tot Ion: 75 Resp: 52092
Ion Ratio Lower Upper
75 100
53 88.4 72.2 108.2
89 44.5 35.8 53.8



#82
4-Chlorotoluene
Concen: 26.592 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 91 Resp: 339460
Ion Ratio Lower Upper
91 100
126 32.5 16.1 48.2

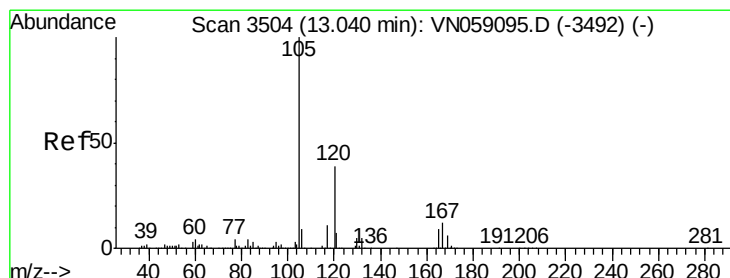
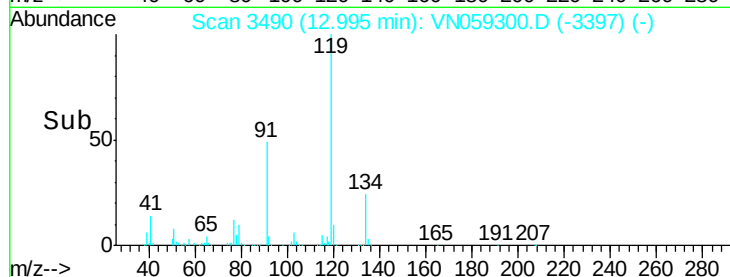
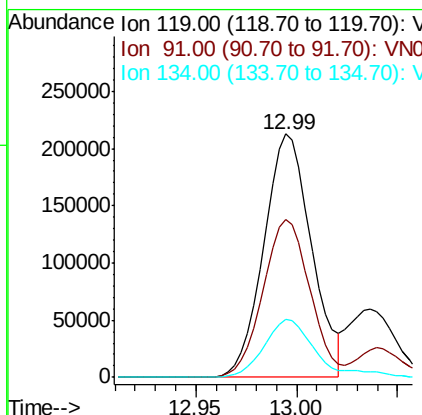
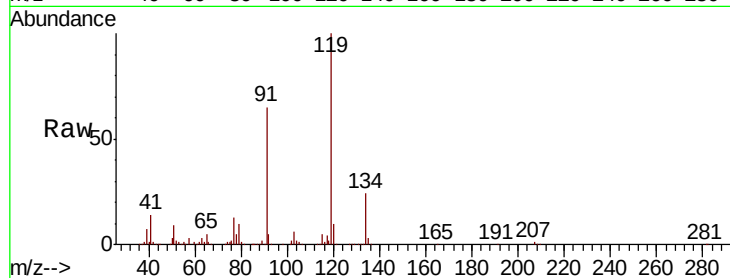




#83
 tert-Butylbenzene
 Concen: 26.653 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

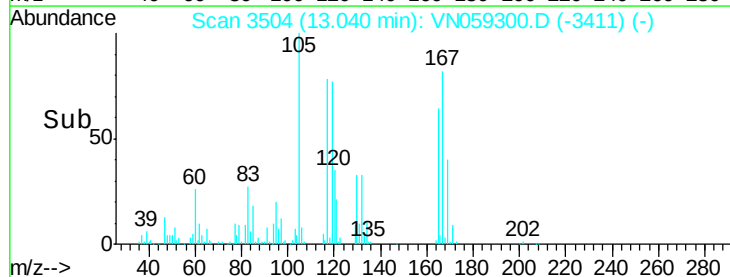
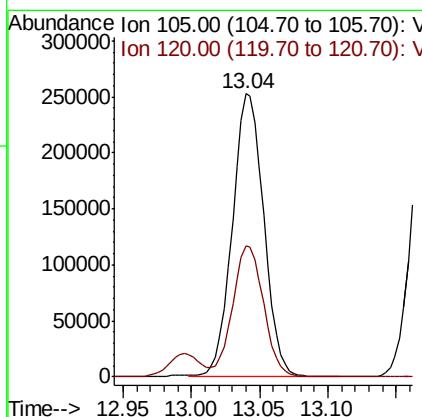
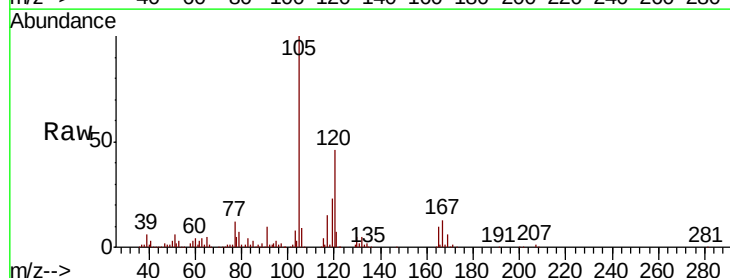
Instrument :
 MSVOA_N
 ClientSampled :

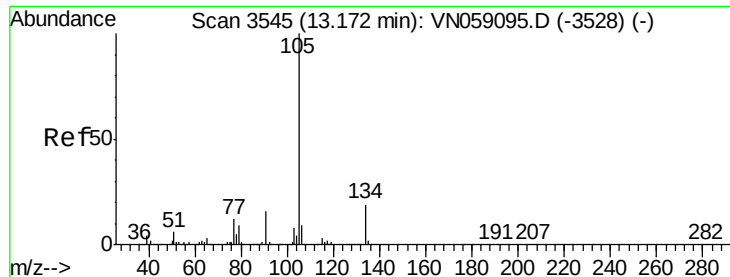
Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	33.2	99.6
134	25.6	12.7	38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 27.375 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.8	68.4





#85

sec-Butylbenzene

Concen: 27.063 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

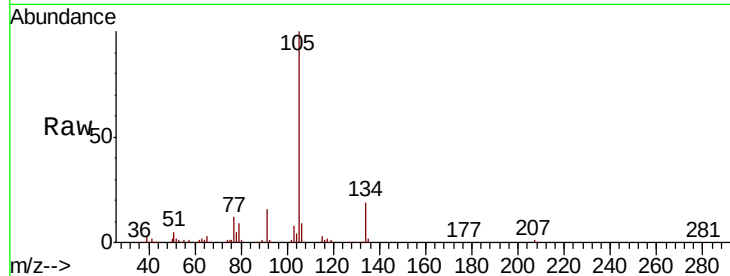
ClientSampleId :

Tot Ion:105 Resp: 461495

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

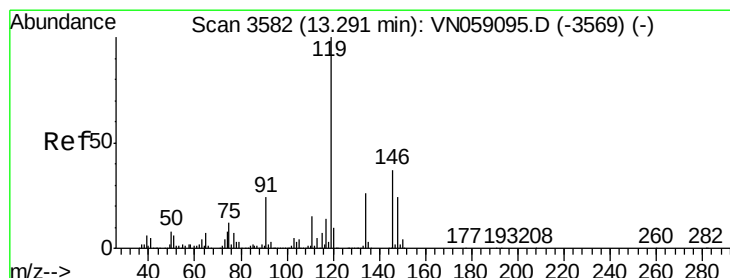
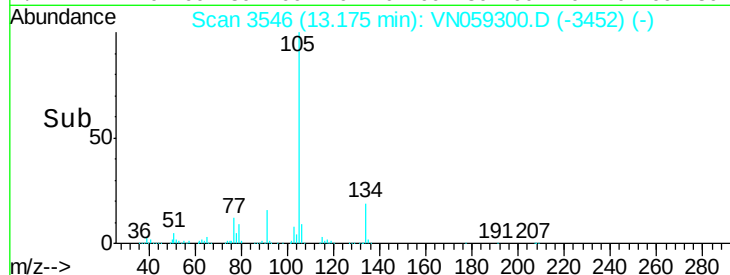
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 27.395 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

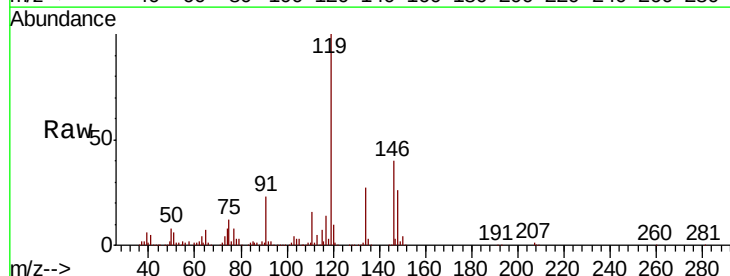
Tgt Ion:119 Resp: 412486

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.2 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

13.29

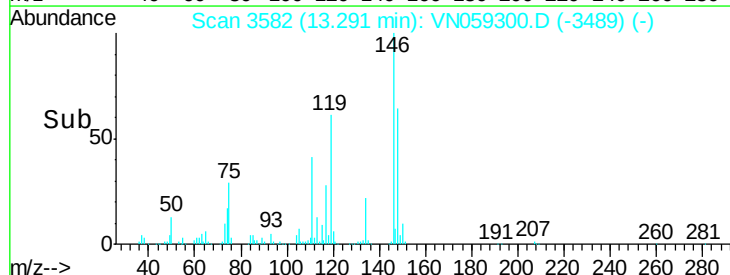
300000

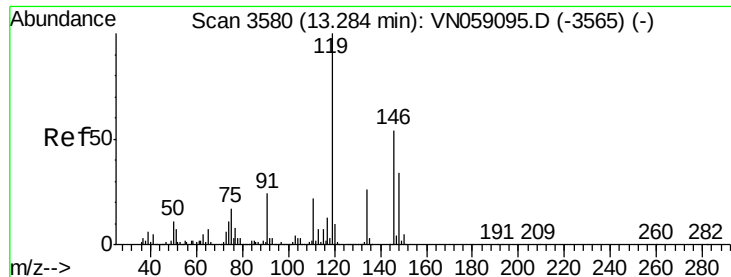
200000

100000

0

Time-->

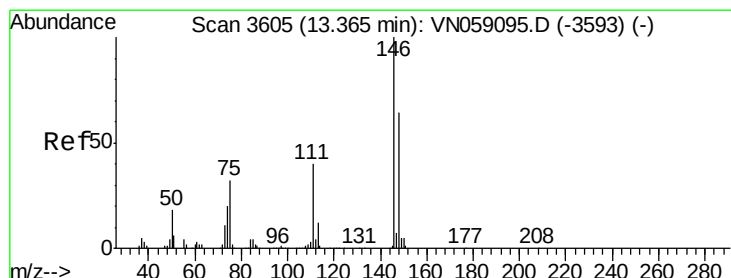
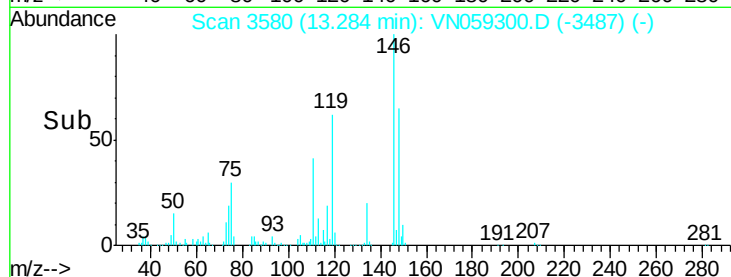
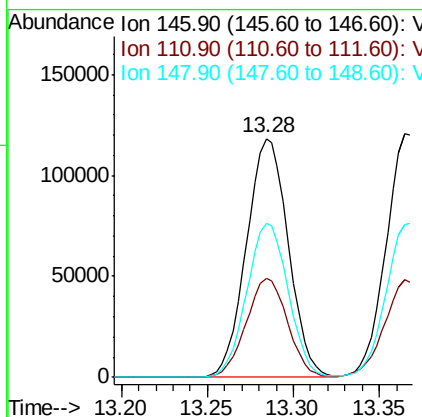
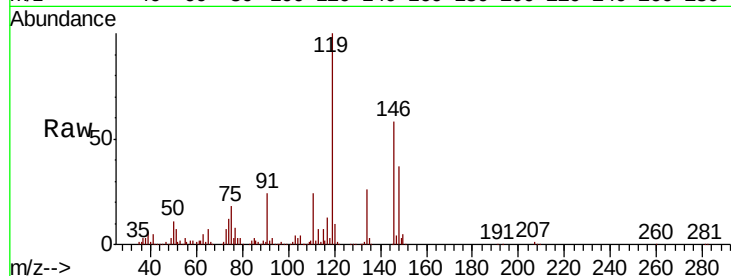




#87
 1,3-Dichlorobenzene
 Concen: 25.892 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

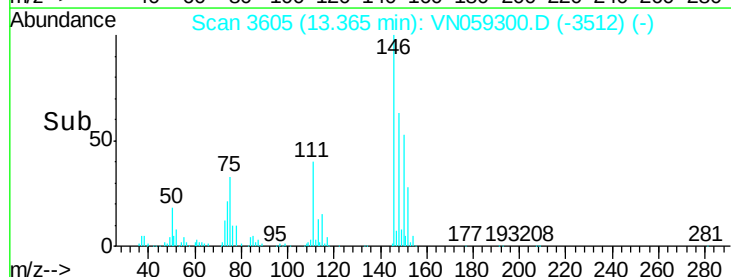
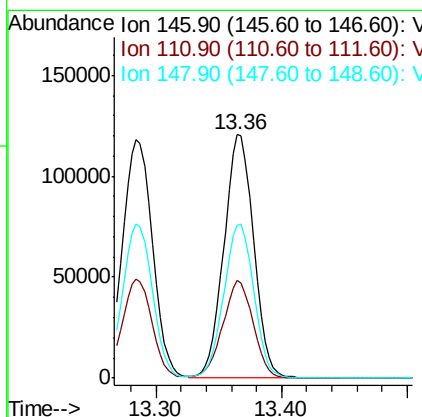
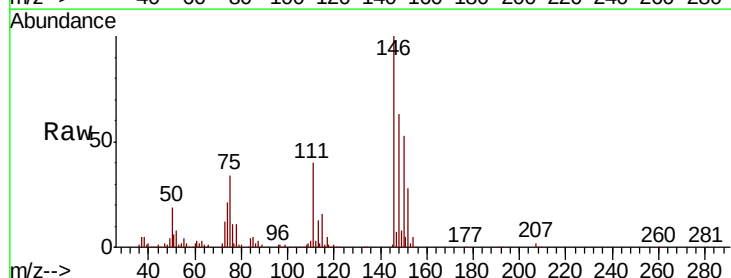
Instrument :
 MSVOA_N
 ClientSampleId :

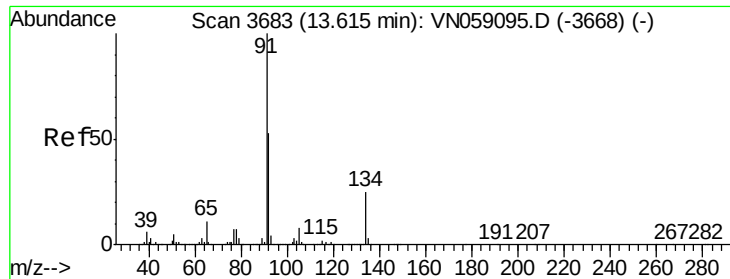
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.4	61.3
148	64.0	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 25.740 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.0	31.9	95.7

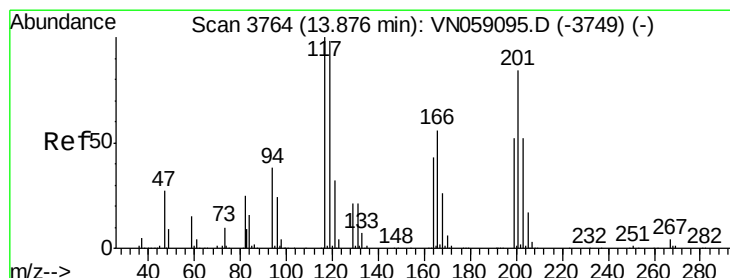
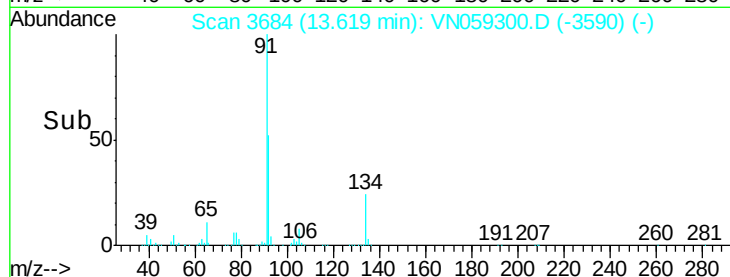
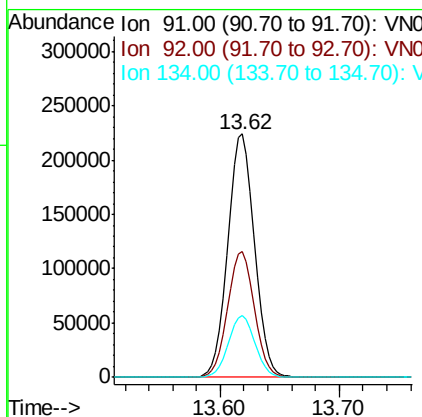
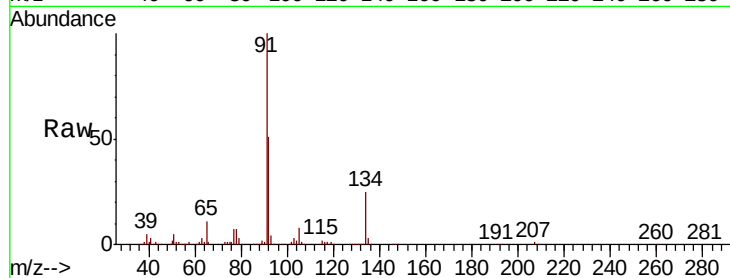




#89
n-Butylbenzene
Concen: 26.485 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

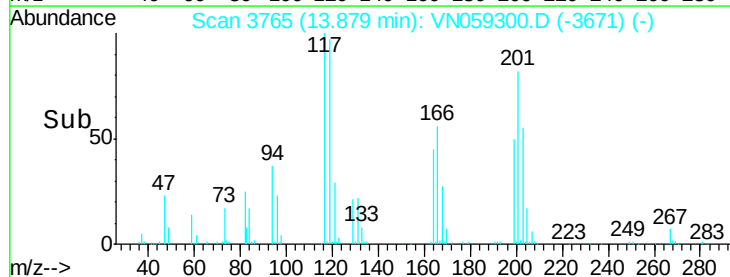
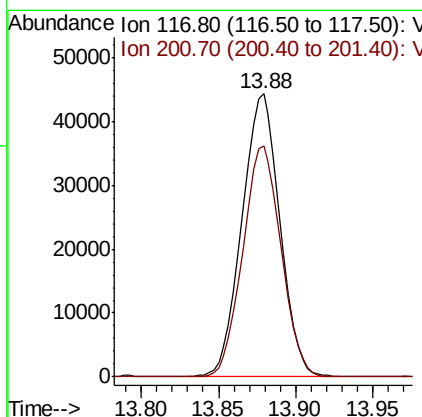
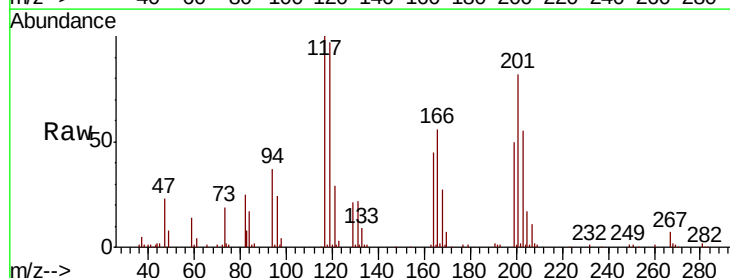
Instrument :
MSVOA_N
ClientSampled :

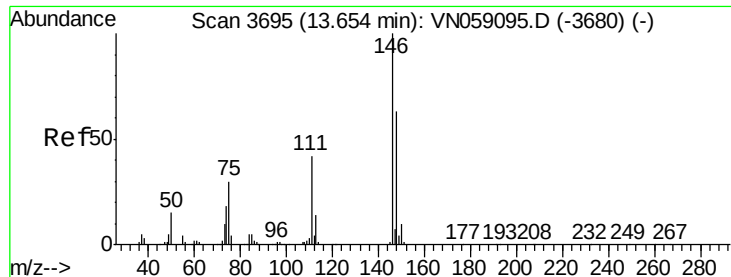
Tot Ion: 91 Resp: 349030
Ion Ratio Lower Upper
91 100
92 51.7 26.1 78.3
134 25.4 12.6 37.8



#90
Hexachloroethane
Concen: 24.997 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059300.D
Acq: 19 Nov 2019 12:24

Tgt Ion: 117 Resp: 75579
Ion Ratio Lower Upper
117 100
201 82.2 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 26.084 ug/l

RT: 13.66 min Scan# 3696

Delta R.T. 0.00 min

Lab File: VN059300.D

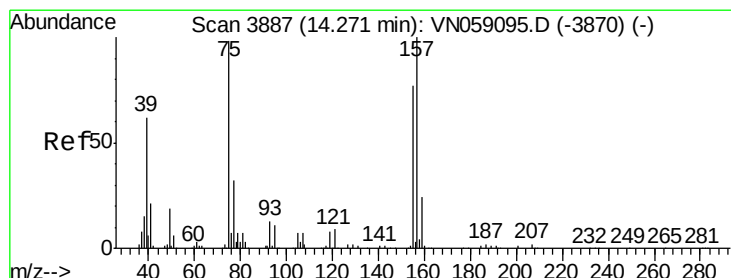
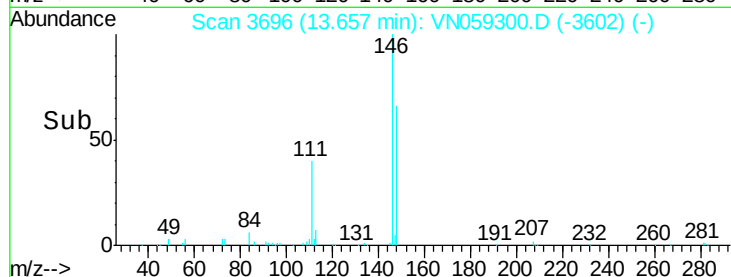
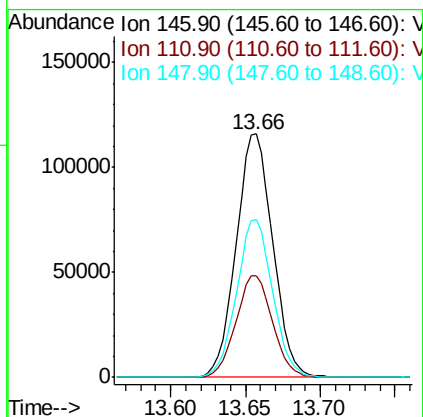
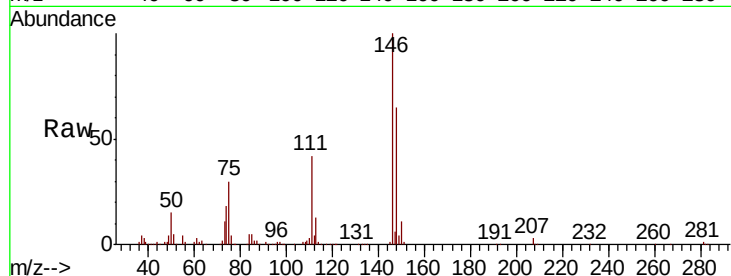
Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	146	Resp:	197807
Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.2	63.6
148	64.0	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.994 ug/l

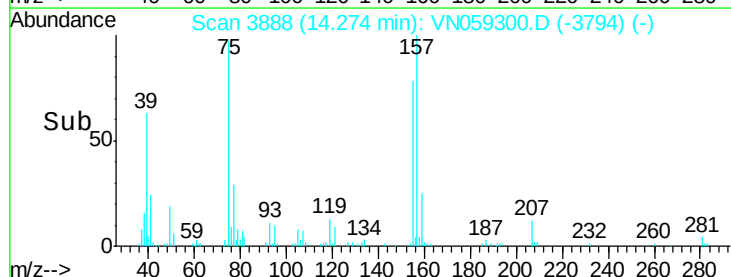
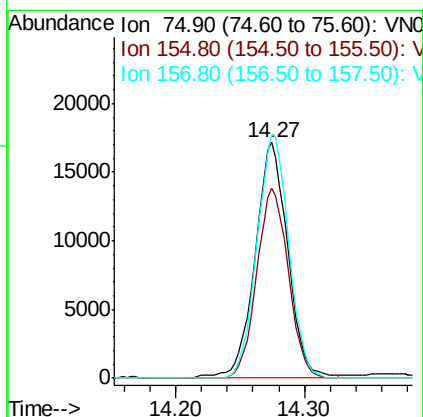
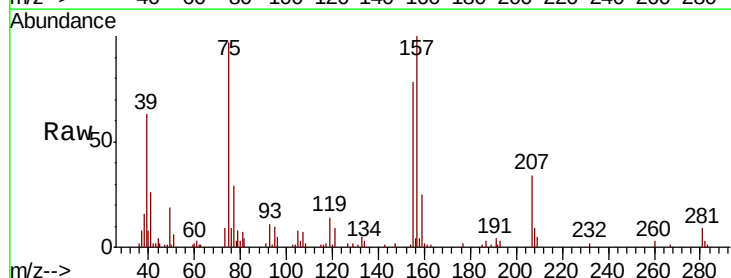
RT: 14.27 min Scan# 3888

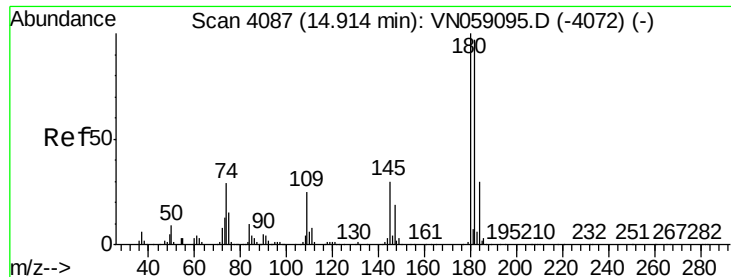
Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	75	Resp:	30412
Ion	Ratio	Lower	Upper
75	100		
155	77.6	40.2	120.6
157	100.2	51.8	155.5

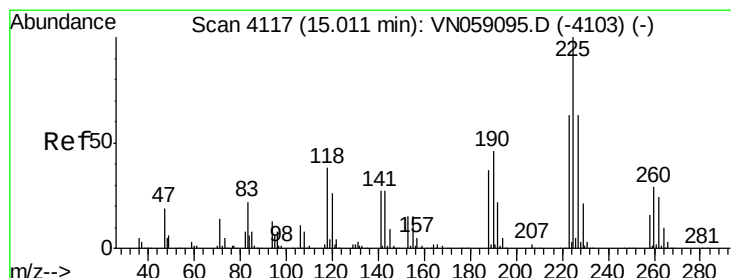
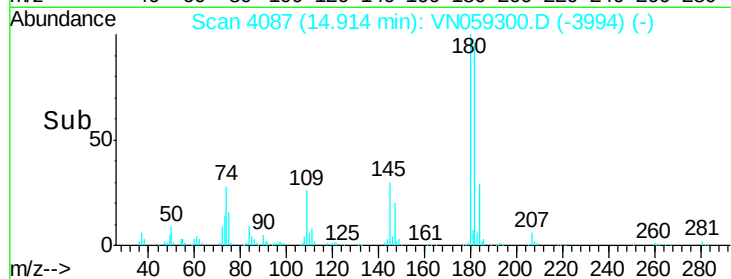
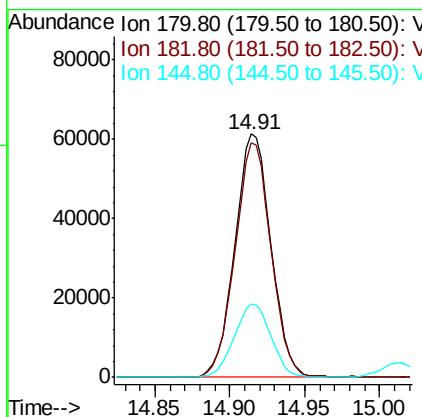
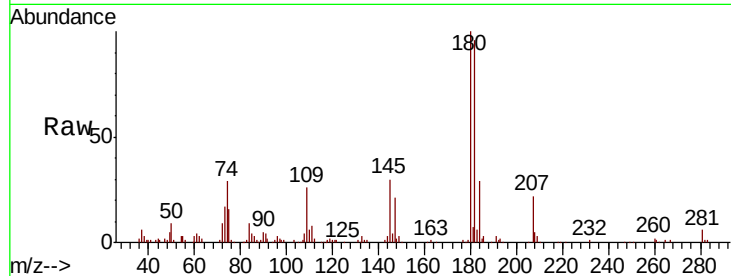




#93
 1,2,4-Trichlorobenzene
 Concen: 24.067 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

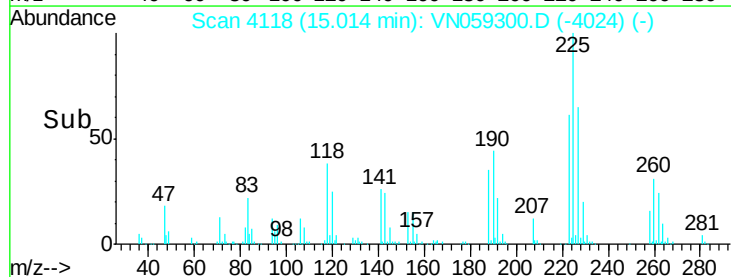
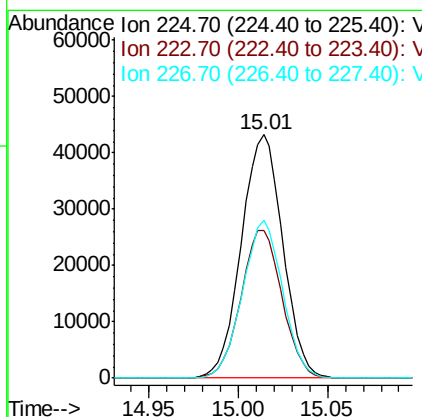
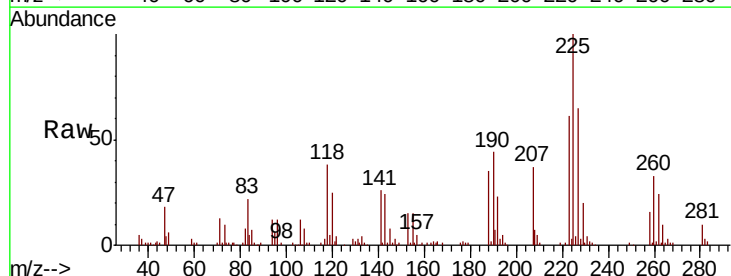
Instrument :
 MSVOA_N
 ClientSampleId :

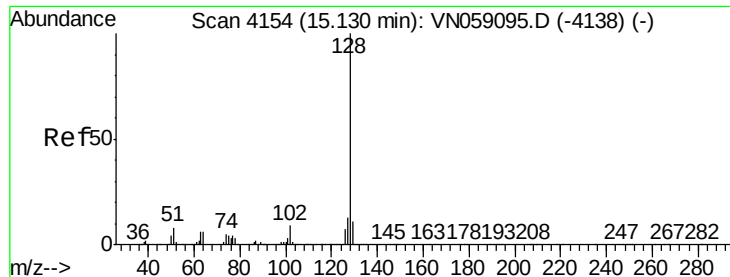
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.1	144.3
145	30.8	15.1	45.3



#94
 Hexachlorobutadiene
 Concen: 26.888 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059300.D
 Acq: 19 Nov 2019 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.3	93.9
227	62.8	31.5	94.5





#95

Naphthalene

Concen: 22.288 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059300.D

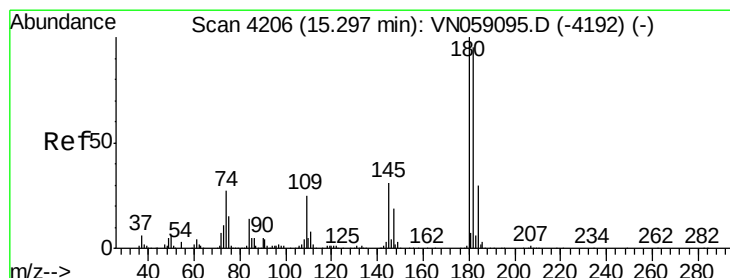
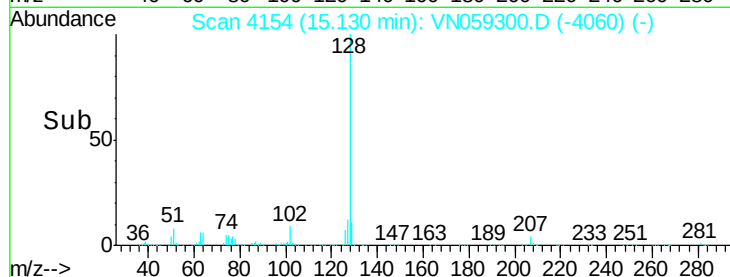
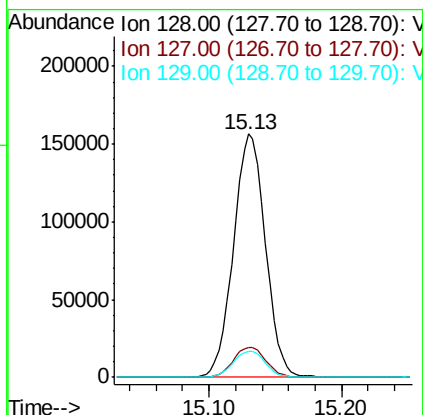
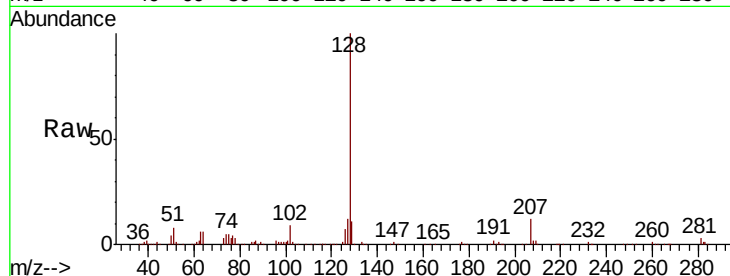
Acq: 19 Nov 2019 12:24

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	128	Resp:	261567
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.6	12.8



#96

1,2,3-Trichlorobenzene

Concen: 23.682 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059300.D

Acq: 19 Nov 2019 12:24

Tgt Ion:	180	Resp:	100647
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.3	141.8
145	32.0	15.8	47.3

