

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110619\
 Data File : VN059097.D
 Acq On : 6 Nov 2019 10:45
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 07 03:15:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 03:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	534639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	838450	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	781518	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	921801	133.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	266.26%	
35) Dibromofluoromethane	7.57	113	724961	136.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	273.58%	
50) Toluene-d8	10.08	98	2847788	138.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.72%	
62) 4-Bromofluorobenzene	12.40	95	1116686	151.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	776935	135.450	ug/l	99
3) Chloromethane	2.04	50	1014865	130.591	ug/l	99
4) Vinyl Chloride	2.17	62	1017045	134.649	ug/l	99
5) Bromomethane	2.51	94	562348	126.419	ug/l	99
6) Chloroethane	2.66	64	519089	112.219	ug/l	99
7) Trichlorofluoromethane	2.99	101	1196253	132.943	ug/l	99
8) Diethyl Ether	3.38	74	508156	144.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	737696	138.946	ug/l	99
10) Methyl Iodide	3.92	142	1012378	156.168	ug/l	100
11) Tert butyl alcohol	4.76	59	958890	735.715	ug/l	99
12) 1,1-Dichloroethene	3.71	96	722234	136.878	ug/l	99
13) Acrolein	3.58	56	488923	622.575	ug/l	99
14) Allyl chloride	4.29	41	1495248	143.017	ug/l	98
15) Acrylonitrile	4.95	53	2439486	743.271	ug/l	100
16) Acetone	3.79	43	2545721	707.359	ug/l	98
17) Carbon Disulfide	4.02	76	2203275	132.346	ug/l	100
18) Methyl Acetate	4.29	43	1217442	134.306	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	2581034	143.419	ug/l	100
20) Methylene Chloride	4.52	84	854496	136.459	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	779487	137.778	ug/l	99
22) Diisopropyl ether	5.92	45	2898196	145.411	ug/l	99
23) Vinyl Acetate	5.86	43	10001540	631.592	ug/l #	87
24) 1,1-Dichloroethane	5.82	63	1553751	136.248	ug/l	99
25) 2-Butanone	6.81	43	3472370	729.593	ug/l	98
26) 2,2-Dichloropropane	6.80	77	1314814	133.046	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	904885	141.512	ug/l	100
28) Bromochloromethane	7.17	49	441197	126.204	ug/l	100
29) Tetrahydrofuran	7.18	42	2180476	726.569	ug/l	99
30) Chloroform	7.35	83	1482436	136.014	ug/l	100
31) Cyclohexane	7.63	56	1461995	134.985	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	1282300	139.088	ug/l	100
36) 1,1-Dichloropropene	7.77	75	1186994	143.152	ug/l	99
37) Ethyl Acetate	6.90	43	1309619	141.953	ug/l	99
38) Carbon Tetrachloride	7.75	117	1135283	140.339	ug/l	98

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Instrument :
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 ClientSampleId :

Quant Time: Nov 07 03:15:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 03:09:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	1443083	151.005	ug/l	100
40) Benzene	8.02	78	3408303	138.145	ug/l	99
41) Methacrylonitrile	7.18	41	1876053	467.831	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	1171792	136.675	ug/l	100
43) Isopropyl Acetate	8.14	43	2150127	149.361	ug/l	99
44) Trichloroethene	8.82	130	853786	140.488	ug/l	100
45) 1,2-Dichloropropane	9.10	63	957132	143.304	ug/l	99
46) Dibromomethane	9.19	93	580990	140.921	ug/l	100
47) Bromodichloromethane	9.39	83	1209374	144.570	ug/l	96
48) Methyl methacrylate	9.18	41	1004209	152.908	ug/l	98
49) 1,4-Dioxane	9.18	88	362474	3405.871	ug/l	96
51) 4-Methyl-2-Pentanone	9.98	43	5260210	627.198	ug/l #	83
52) Toluene	10.14	92	2141498	148.388	ug/l	92
53) t-1,3-Dichloropropene	10.37	75	1454344	150.769	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	1537968	151.303	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	841074	142.549	ug/l	99
56) Ethyl methacrylate	10.42	69	1471292	165.850	ug/l	99
57) 1,3-Dichloropropane	10.70	76	1495028	145.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	2414596	685.810	ug/l	99
59) 2-Hexanone	10.74	43	4364330	684.996	ug/l	86
60) Dibromochloromethane	10.90	129	956406	150.945	ug/l	99
61) 1,2-Dibromoethane	11.00	107	893927	150.043	ug/l	100
64) Tetrachloroethene	10.63	164	750475	137.557	ug/l	99
65) Chlorobenzene	11.43	112	2229276	139.482	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	851179	144.533	ug/l	100
67) Ethyl Benzene	11.51	91	3770915	136.344	ug/l #	86
68) m/p-Xylenes	11.62	106	3049760	294.873	ug/l	79
69) o-Xylene	11.95	106	1503333	152.337	ug/l	91
70) Styrene	11.96	104	2540971	159.193	ug/l	99
71) Bromoform	12.13	173	722612	158.710	ug/l #	100
73) Isopropylbenzene	12.25	105	3675146	125.416	ug/l	94
74) N-amyl acetate	12.07	43	1945371	149.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1363833	130.629	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1863104	199.670	ug/l #	100
77) Bromobenzene	12.53	156	994377	135.245	ug/l	99
78) n-propylbenzene	12.59	91	4194596	123.858	ug/l	91
79) 2-Chlorotoluene	12.67	91	2757298	131.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	3300880	132.454	ug/l	94
81) trans-1,4-Dichloro-2-buten	12.30	75	533853	146.729	ug/l	97
82) 4-Chlorotoluene	12.77	91	2892400	134.641	ug/l	97
83) tert-Butylbenzene	12.99	119	2888409	136.044	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	3282156	136.013	ug/l	95
85) sec-Butylbenzene	13.17	105	3692150	133.020	ug/l	95
86) p-Isopropyltoluene	13.29	119	3392695	135.723	ug/l	94
87) 1,3-Dichlorobenzene	13.28	146	1823858	140.141	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1824087	141.844	ug/l	99
89) n-Butylbenzene	13.62	91	3207427	147.774	ug/l	93
90) Hexachloroethane	13.88	117	692150	139.503	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1774453	136.682	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	298100	132.432	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 07 03:15:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 03:09:32 2019
Response via : Initial Calibration

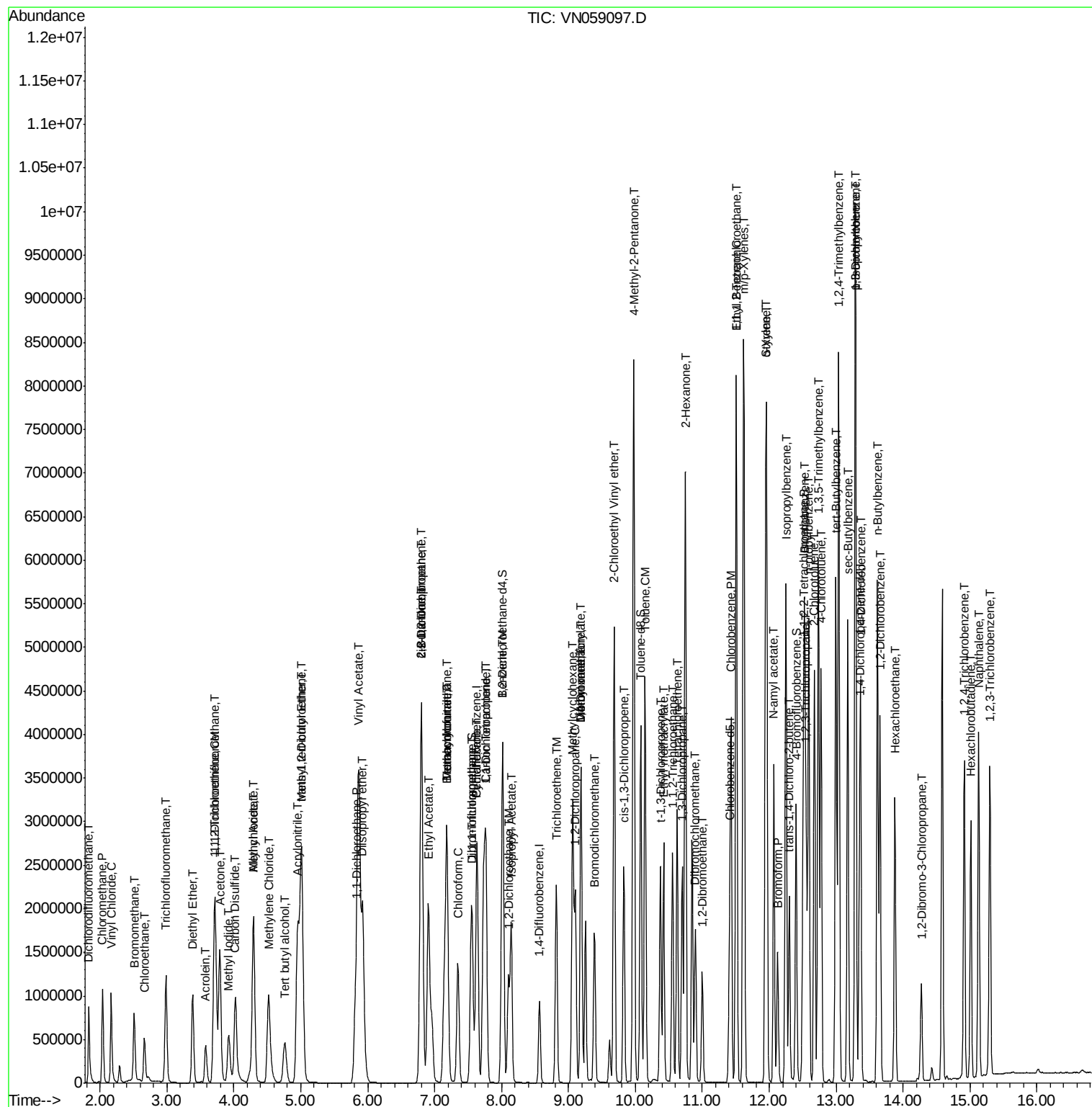
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1185626	170.310	ug/l	99
94) Hexachlorobutadiene	15.01	225	598326	142.249	ug/l	99
95) Naphthalene	15.13	128	3243460	170.061	ug/l	98
96) 1,2,3-Trichlorobenzene	15.30	180	1160258	162.968	ug/l	99

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

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Nov 07 03:15:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 03:09:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

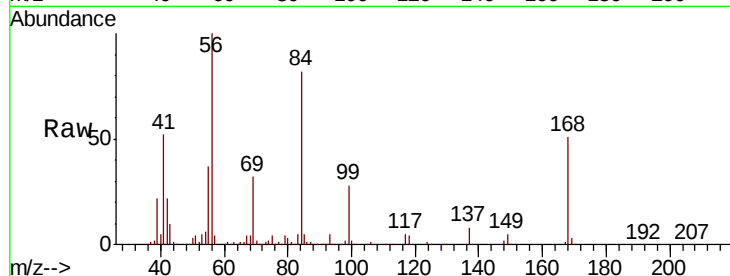
ClientSampled :

Tot Ion:168 Resp: 534639

Ion Ratio Lower Upper

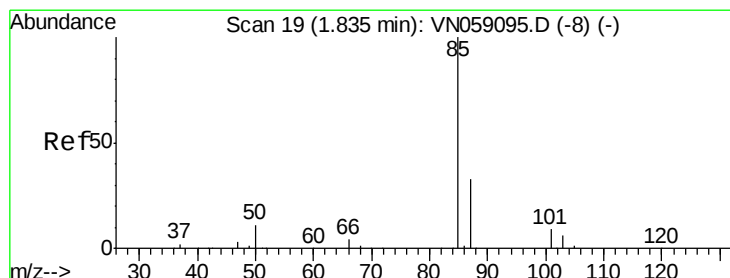
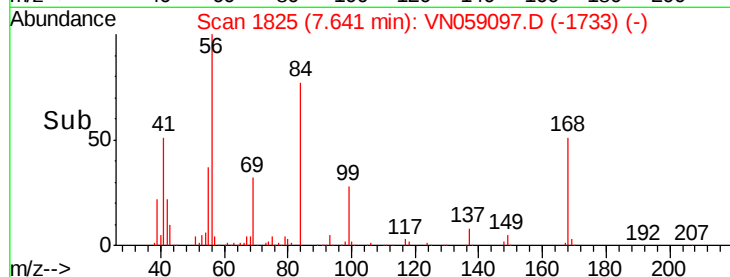
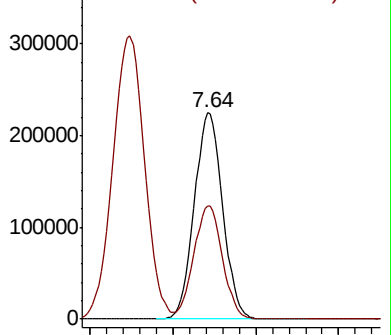
168 100

99 55.0 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 135.450 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN059097.D

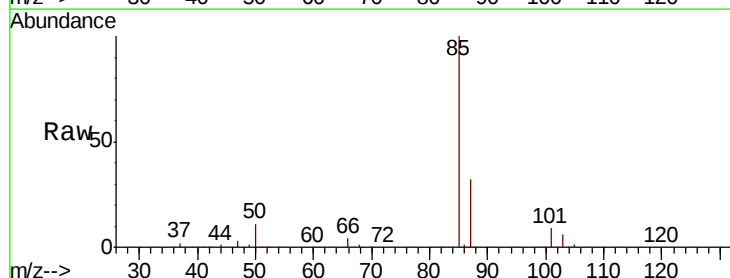
Acq: 6 Nov 2019 10:45

Tgt Ion: 85 Resp: 776935

Ion Ratio Lower Upper

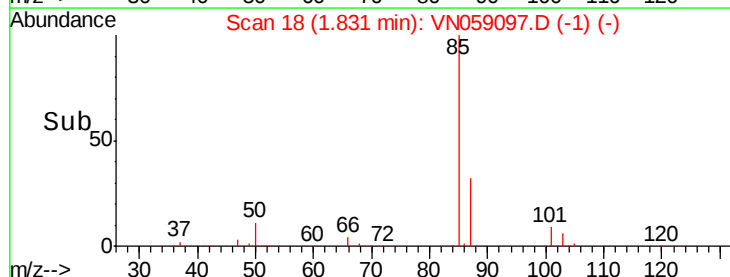
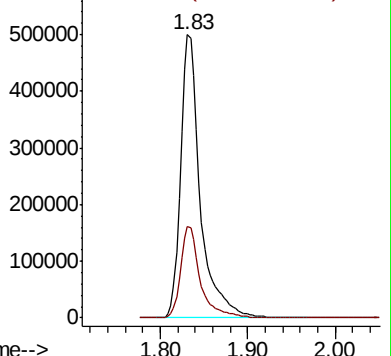
85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 130.591 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

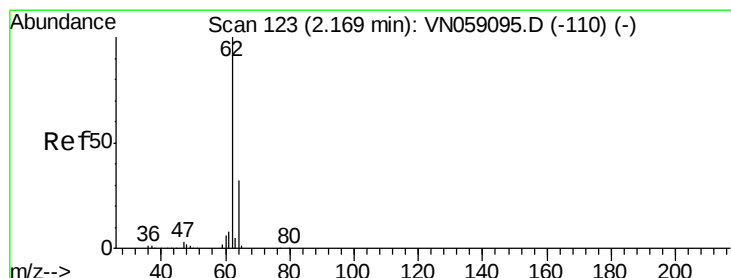
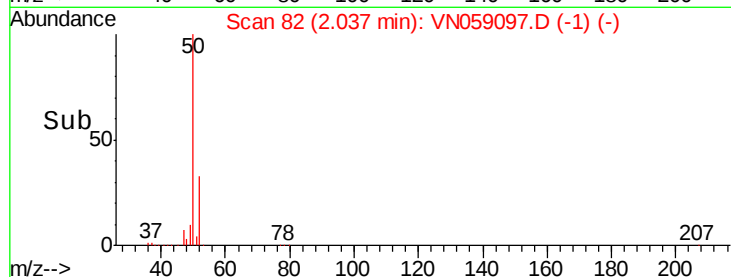
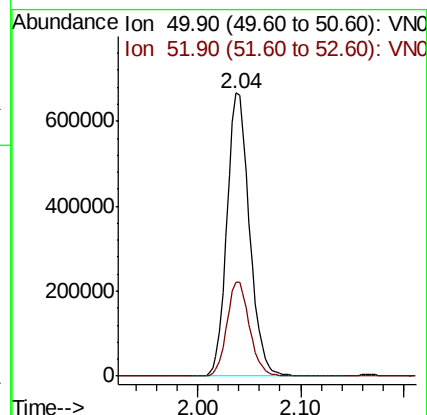
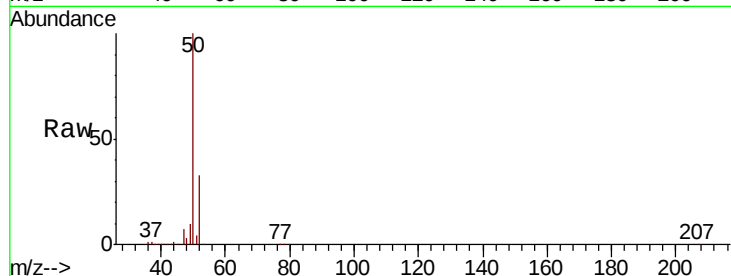
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 1014865

Ion Ratio Lower Upper

50 100

52 33.3 26.0 39.0



#4

Vinyl Chloride

Concen: 134.649 ug/l

RT: 2.17 min Scan# 122

Delta R.T. -0.00 min

Lab File: VN059097.D

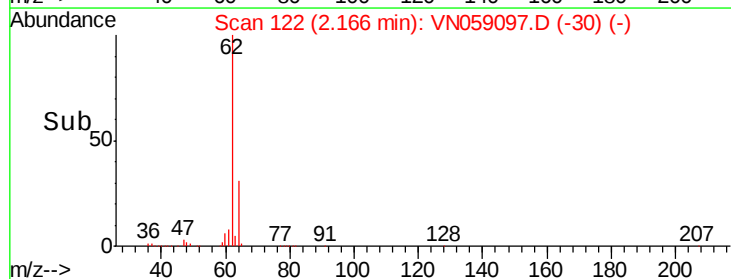
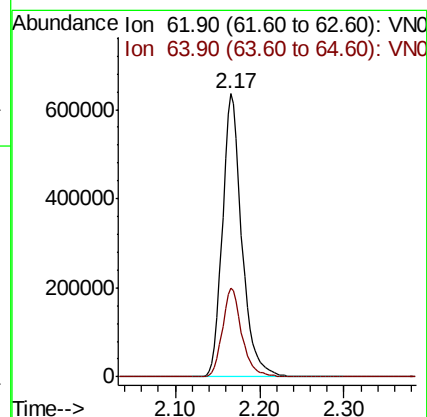
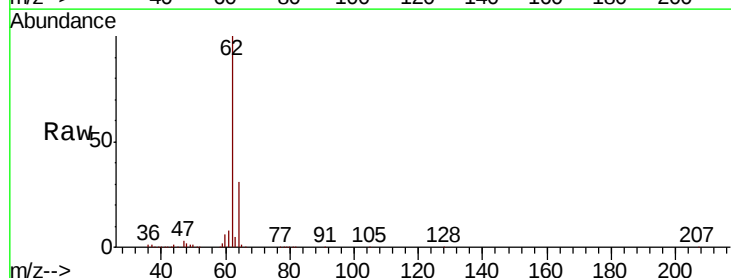
Acq: 6 Nov 2019 10:45

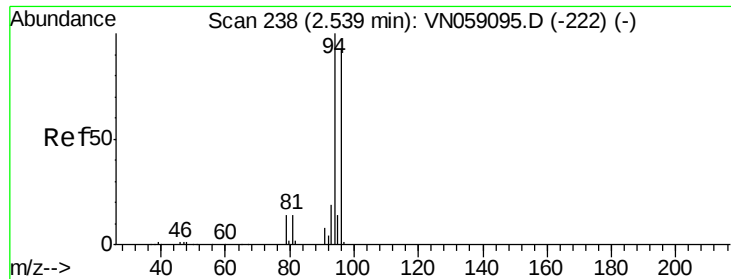
Tgt Ion: 62 Resp: 1017045

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.2





#5

Bromomethane

Concen: 126.419 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.03 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

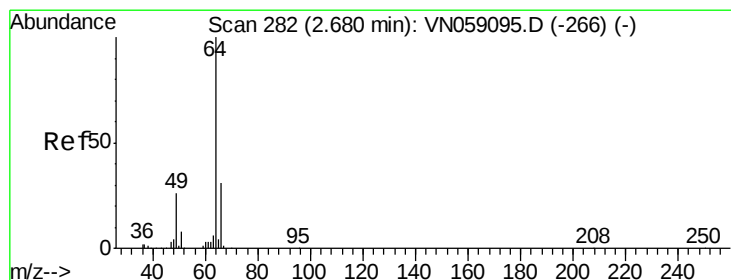
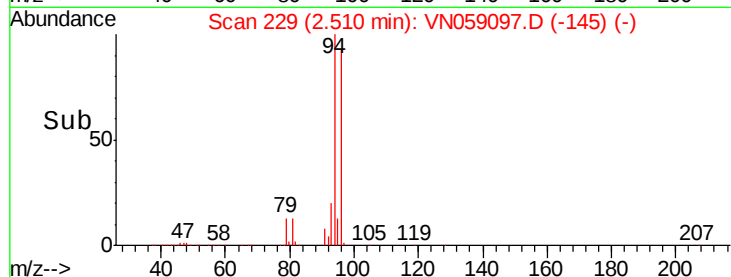
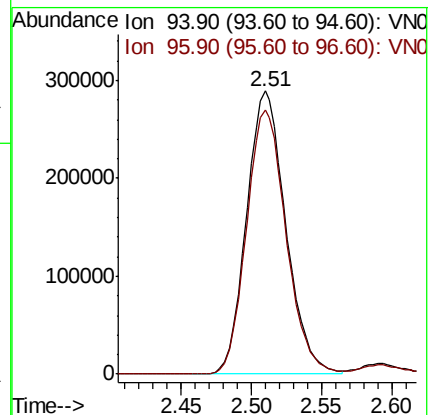
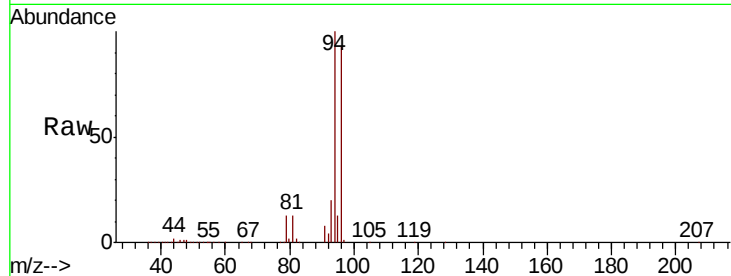
ClientSampleId :

Tot Ion: 94 Resp: 562348

Ion Ratio Lower Upper

94 100

96 93.2 74.2 111.2



#6

Chloroethane

Concen: 112.219 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.02 min

Lab File: VN059097.D

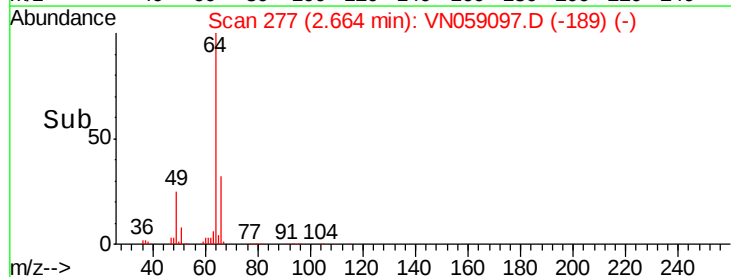
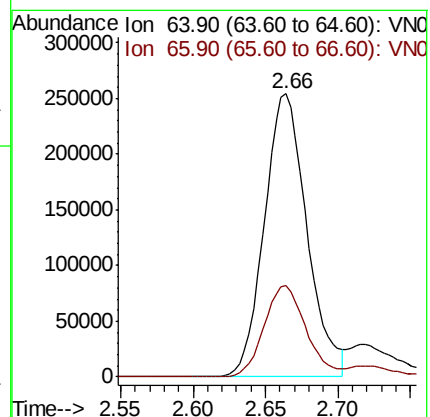
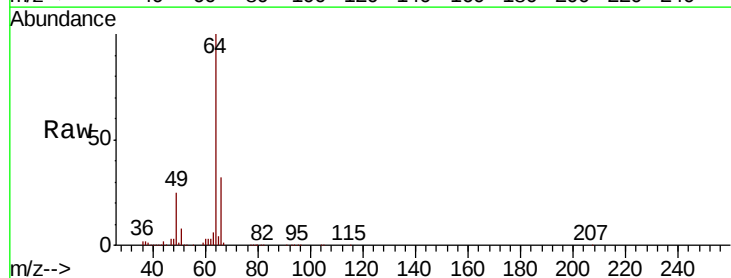
Acq: 6 Nov 2019 10:45

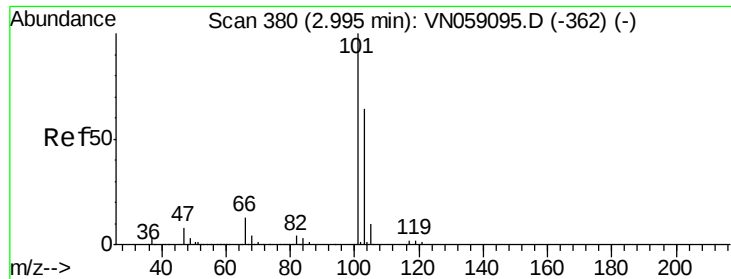
Tgt Ion: 64 Resp: 519089

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



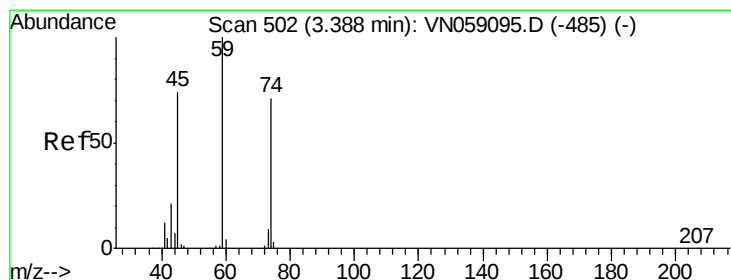
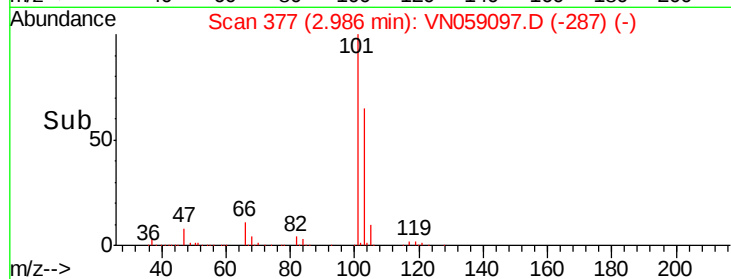
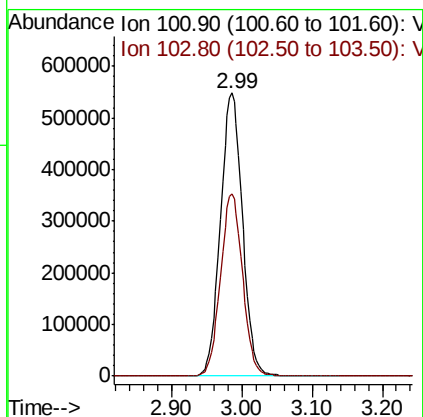
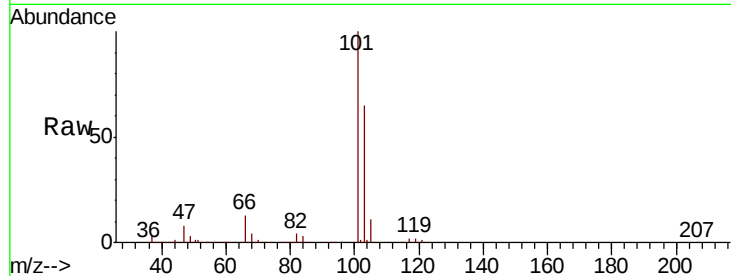


#7

Trichlorofluoromethane
Concen: 132.943 ug/l
RT: 2.99 min Scan# 377
Delta R.T. -0.01 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampled :

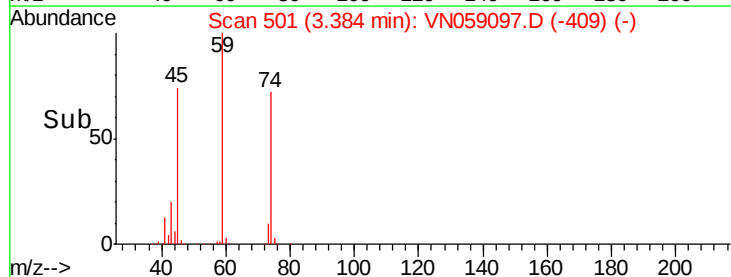
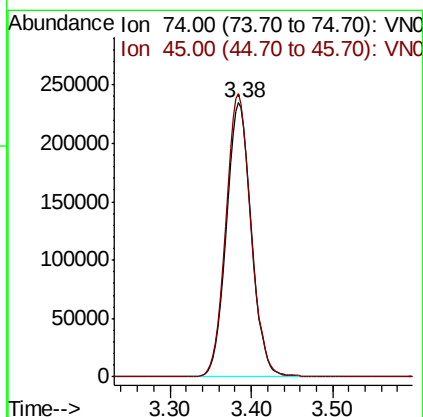
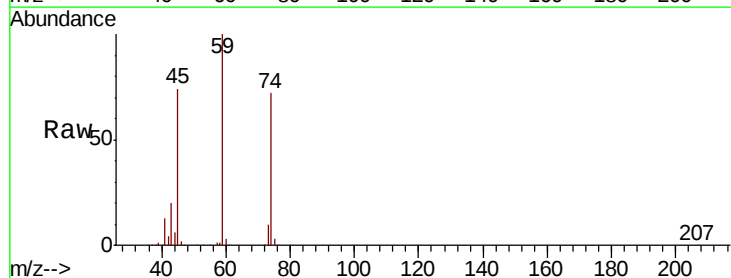
Tot Ion:101 Resp: 1196253
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8



#8

Diethyl Ether
Concen: 144.131 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 74 Resp: 508156
Ion Ratio Lower Upper
74 100
45 103.3 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.946 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

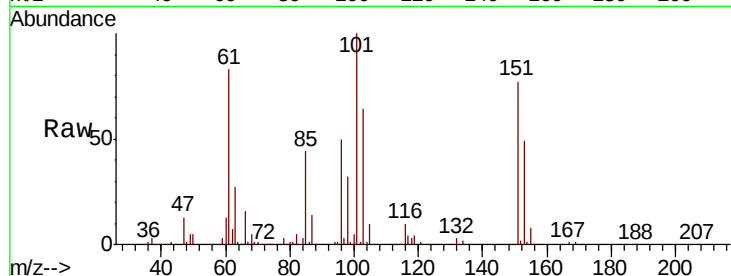
Tot Ion:101 Resp: 737696

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

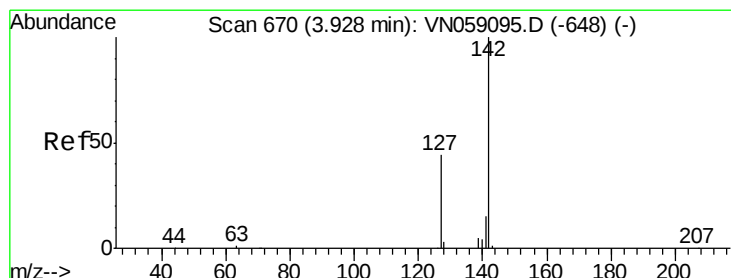
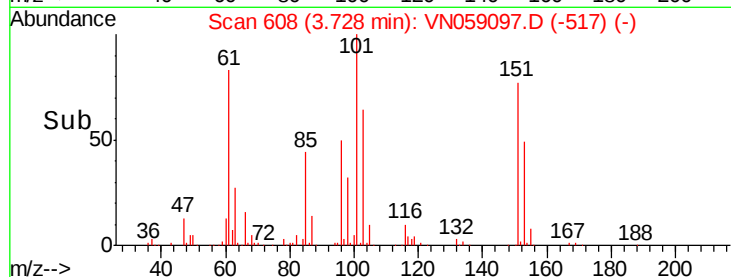
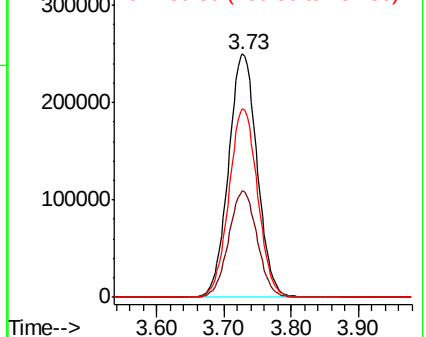
151 77.9 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 156.168 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

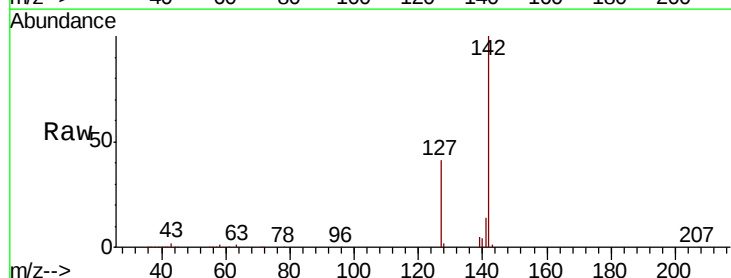
Tgt Ion:142 Resp: 1012378

Ion Ratio Lower Upper

142 100

127 42.5 34.2 51.2

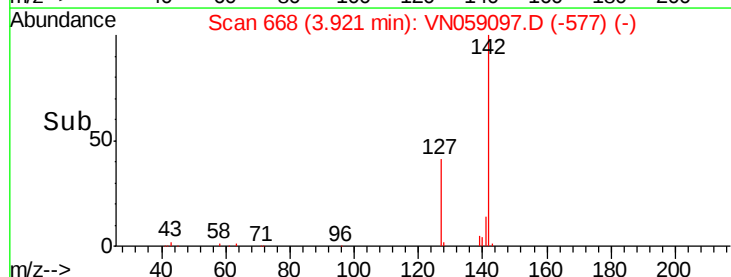
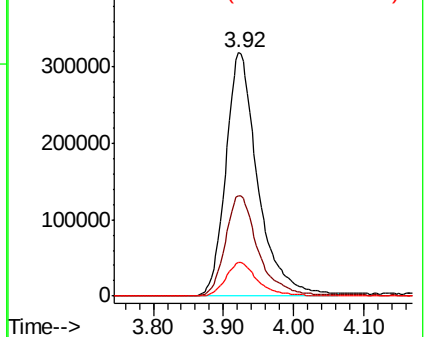
141 13.9 11.4 17.0

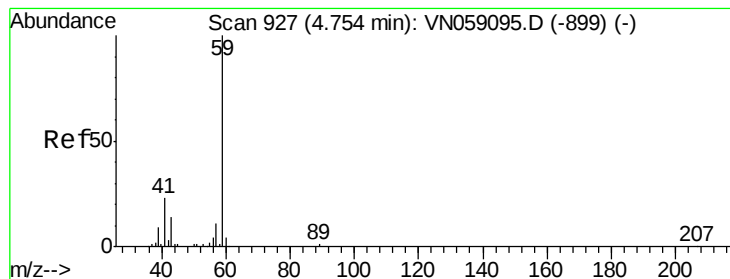


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 735.715 ug/l

RT: 4.76 min Scan# 929

Delta R.T. 0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

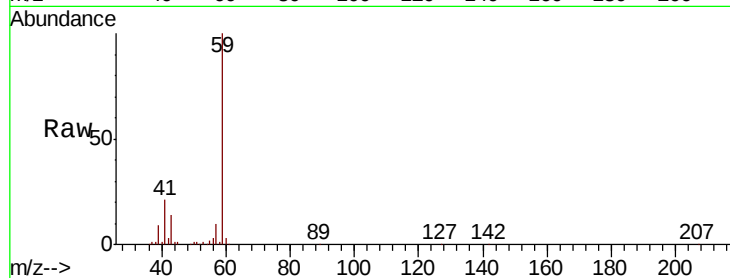
ClientSampled :

Tot Ion: 59 Resp: 958890

Ion Ratio Lower Upper

59 100

57 10.1 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VN059097.D (-834) (-)

Ion 57.00 (56.70 to 57.70): VN059097.D (-834) (-)

4.76

300000

250000

200000

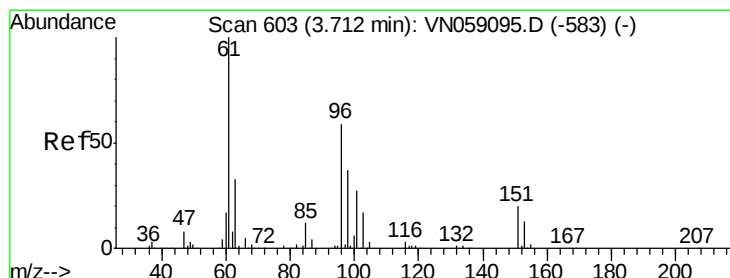
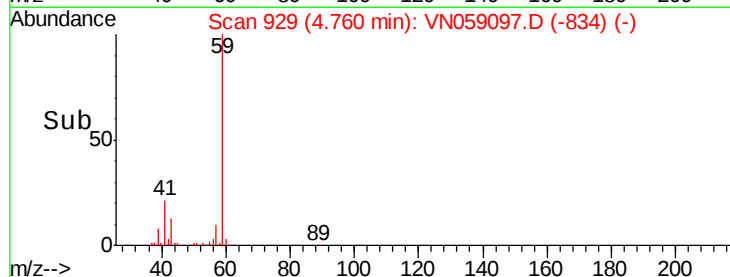
150000

100000

50000

0

Time-->



#12

1,1-Dichloroethene

Concen: 136.878 ug/l

RT: 3.71 min Scan# 601

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

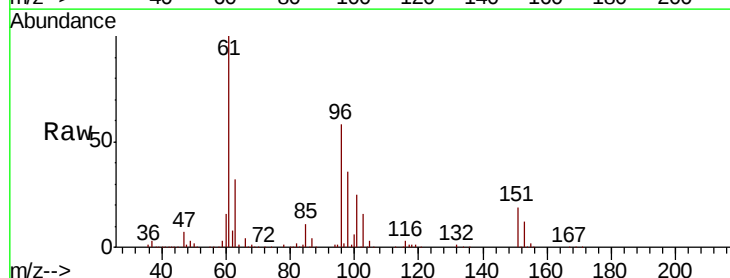
Tgt Ion: 96 Resp: 722234

Ion Ratio Lower Upper

96 100

61 173.0 136.5 204.7

98 62.7 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VN059097.D (-510) (-)

Ion 60.90 (60.60 to 61.60): VN059097.D (-510) (-)

Ion 97.90 (97.60 to 98.60): VN059097.D (-510) (-)

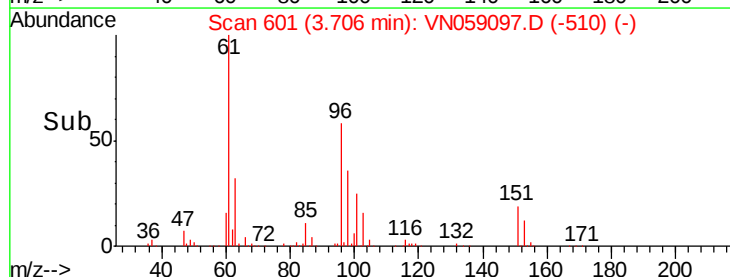
600000

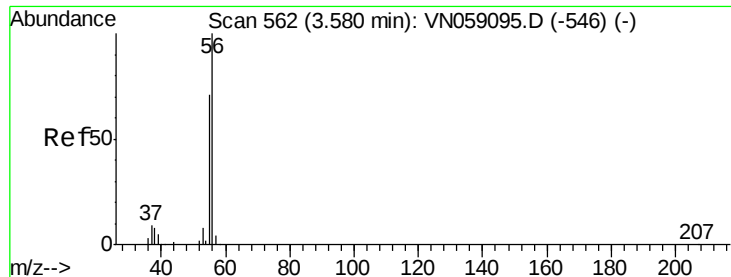
400000

200000

0

Time-->





#13

Acrolein

Concen: 622.575 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

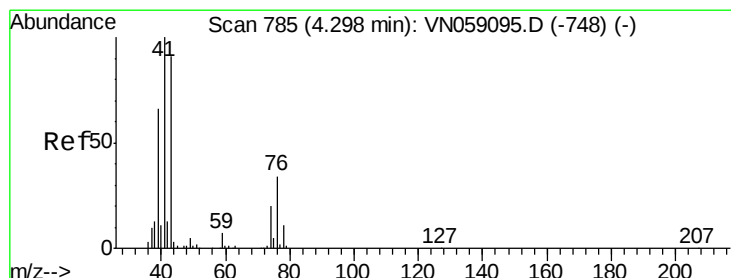
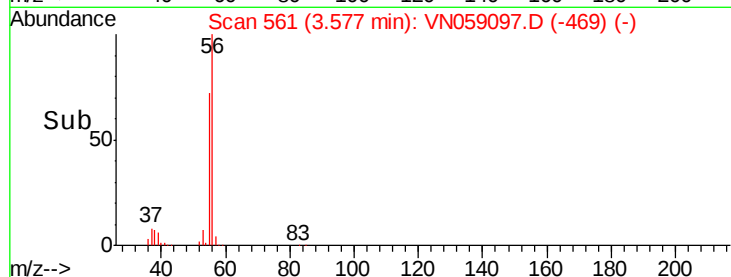
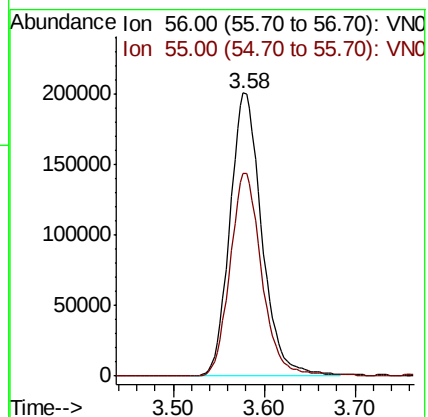
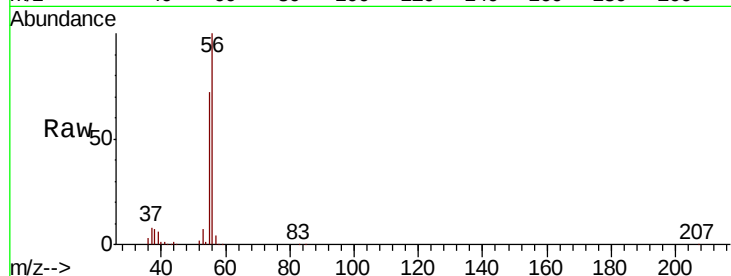
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 488923

Ion Ratio Lower Upper

56 100

55 71.6 56.4 84.6



#14

Allyl chloride

Concen: 143.017 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

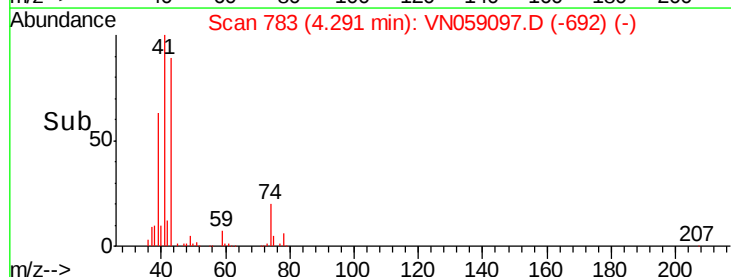
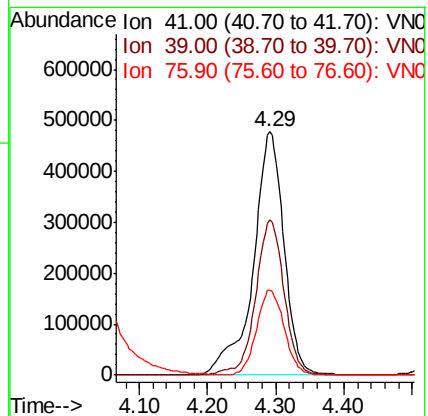
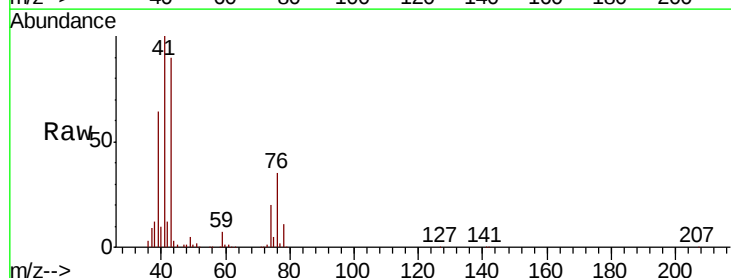
Tgt Ion: 41 Resp: 1495248

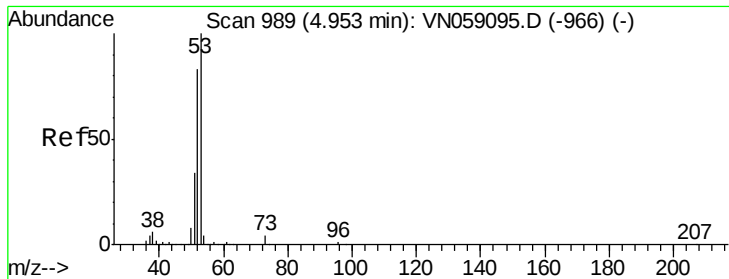
Ion Ratio Lower Upper

41 100

39 59.0 49.1 73.7

76 31.1 24.9 37.3





#15

Acrylonitrile

Concen: 743.271 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

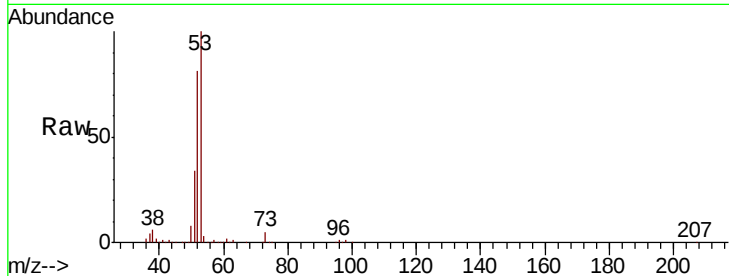
Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 53 Resp: 2439486

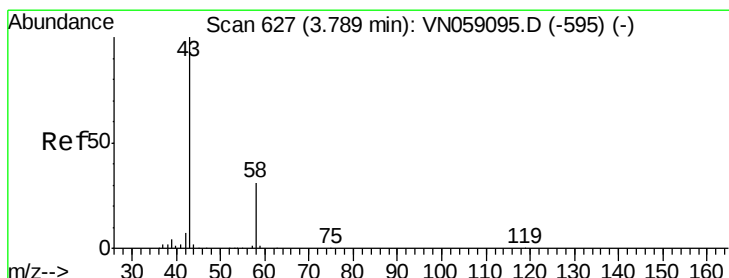
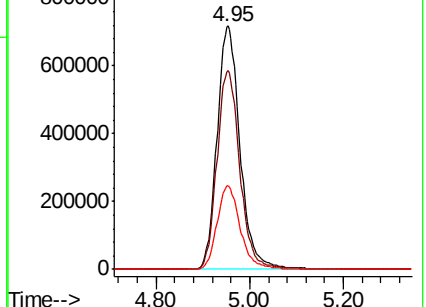
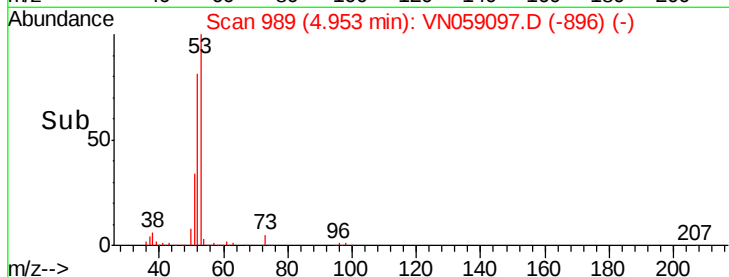
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.0	97.6
51	34.9	28.0	42.0



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 707.359 ug/l

RT: 3.79 min Scan# 627

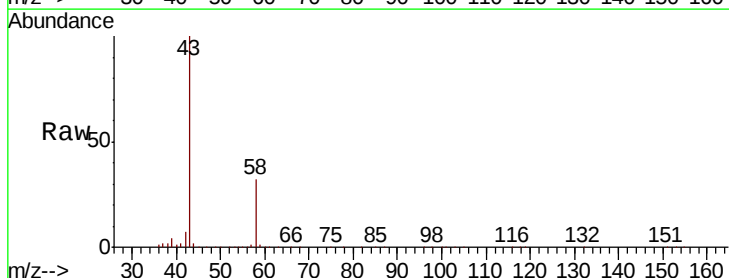
Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

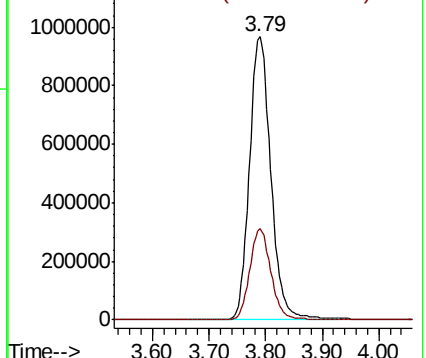
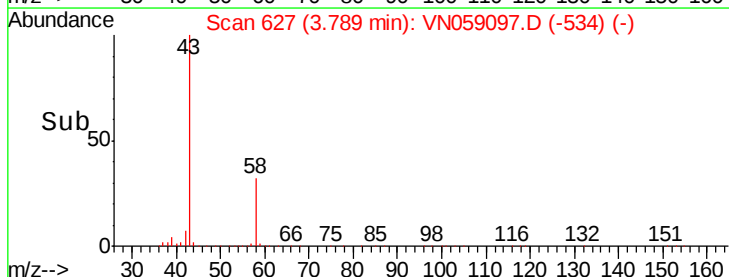
Tgt Ion: 43 Resp: 2545721

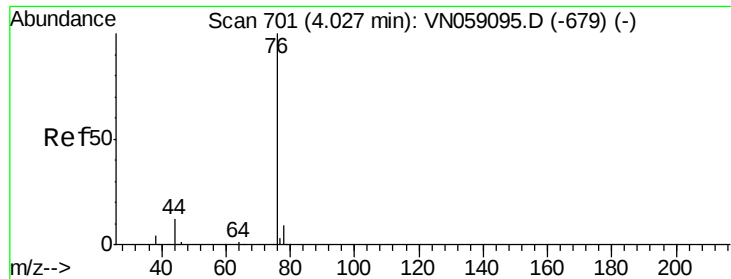
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.9	37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 132.346 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

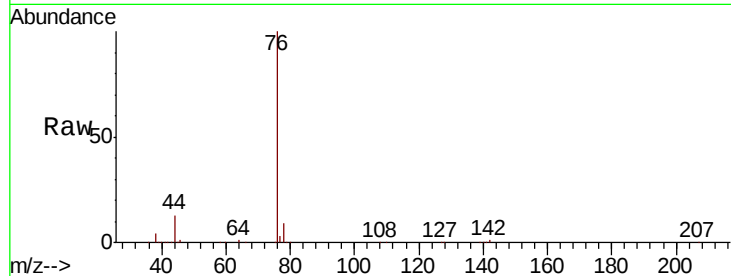
ClientSampled :

Tot Ion: 76 Resp: 2203275

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN059097.D (-679) (-)

Ion 77.90 (77.60 to 78.60): VN059097.D (-679) (-)

4.02

800000

600000

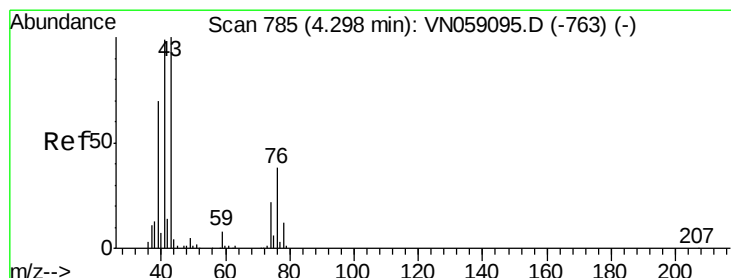
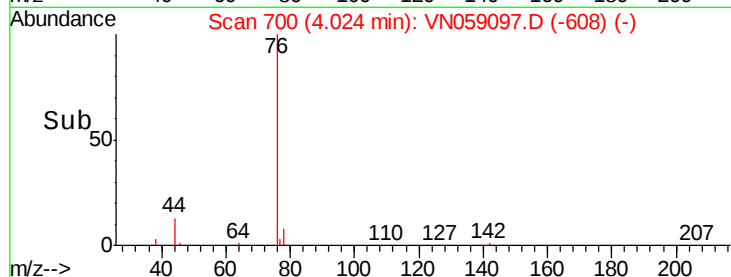
400000

200000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 134.306 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059097.D

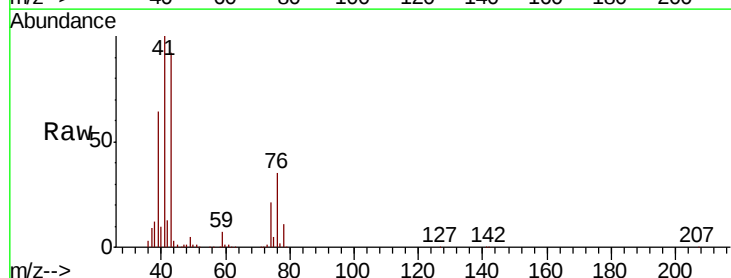
Acq: 6 Nov 2019 10:45

Tgt Ion: 43 Resp: 1217442

Ion Ratio Lower Upper

43 100

74 22.2 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VN059097.D (-692) (-)

Ion 74.00 (73.70 to 74.70): VN059097.D (-692) (-)

4.29

500000

400000

300000

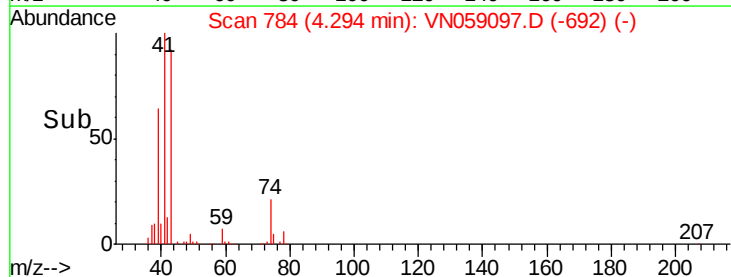
200000

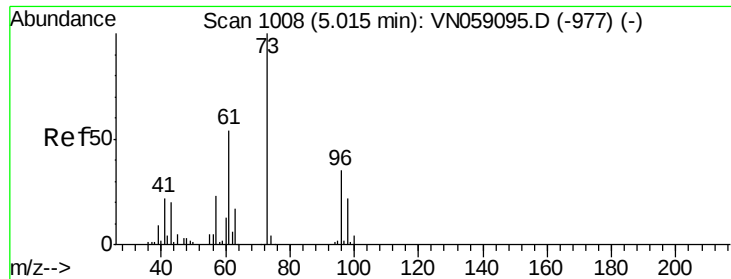
100000

0

4.10 4.20 4.30 4.40 4.50

Time-->

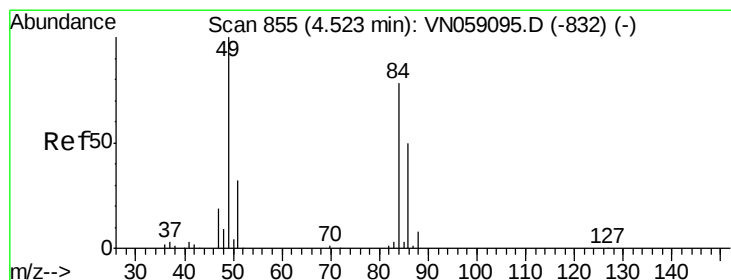
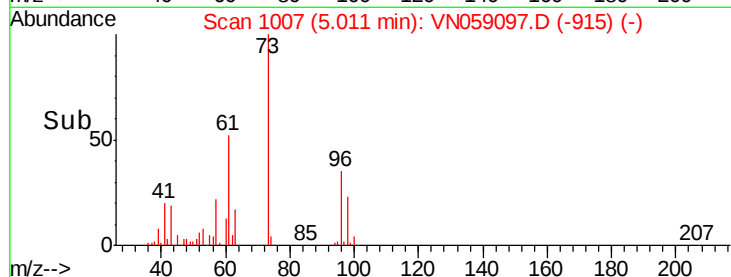
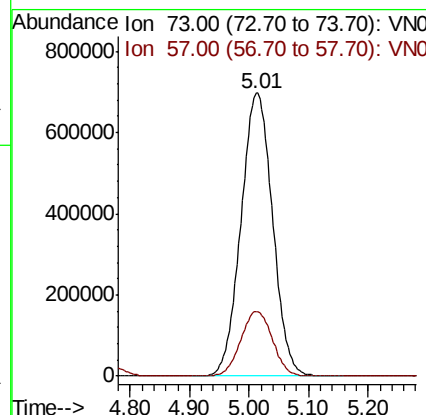
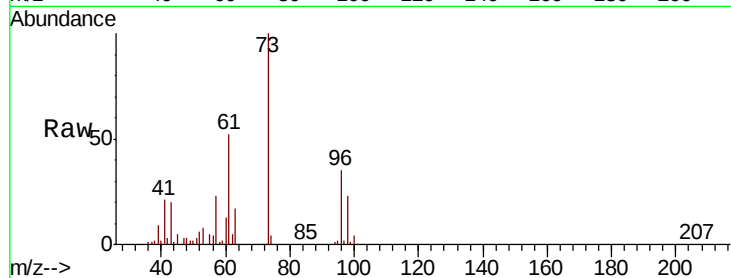




#19
Methyl tert-butyl Ether
Concen: 143.419 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

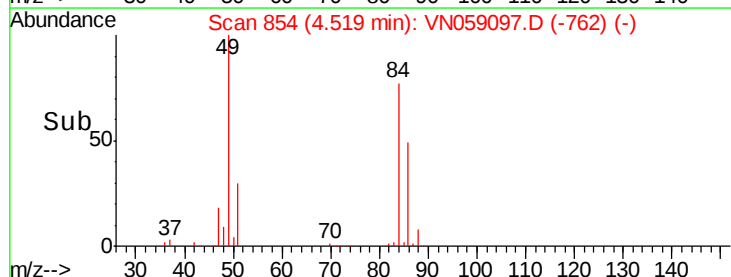
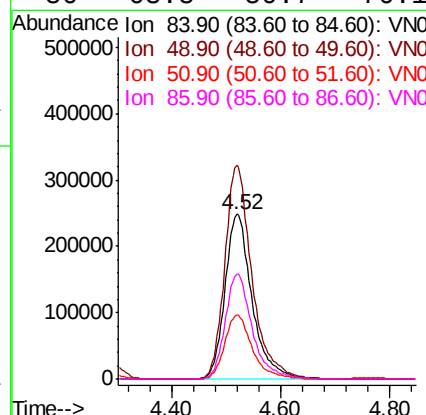
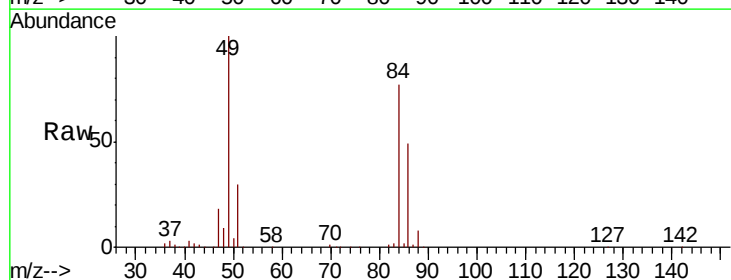
Instrument :
MSVOA_N
ClientSampled :

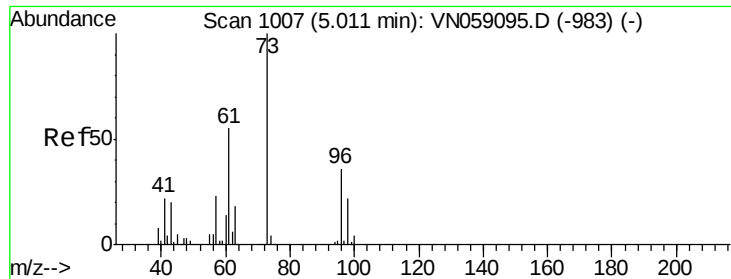
Tot Ion: 73 Resp: 2581034
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6



#20
Methylene Chloride
Concen: 136.459 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 84 Resp: 854496
Ion Ratio Lower Upper
84 100
49 129.6 102.0 153.0
51 39.2 32.2 48.2
86 63.8 50.7 76.1



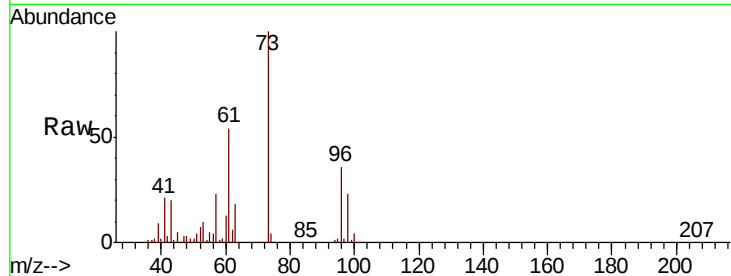


#21

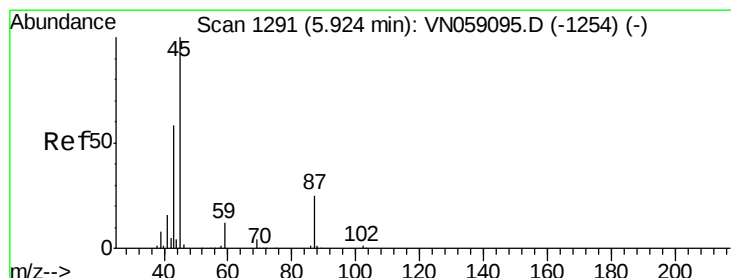
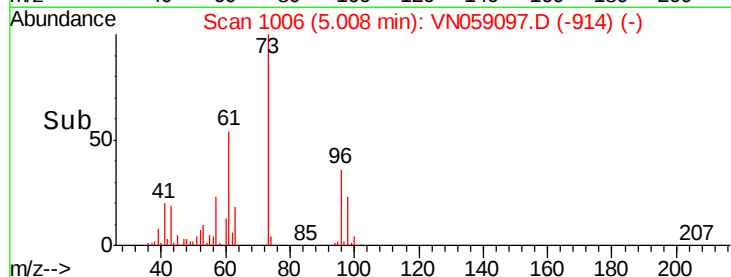
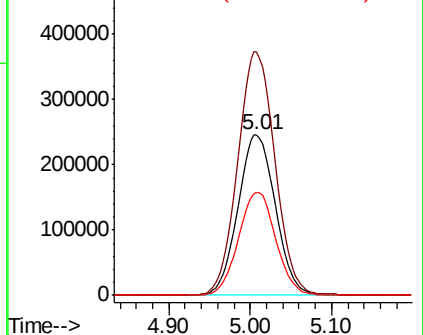
trans-1,2-Dichloroethene
Concen: 137.778 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 779487
Ion Ratio Lower Upper
96 100
61 151.5 122.6 183.8
98 64.2 50.3 75.5



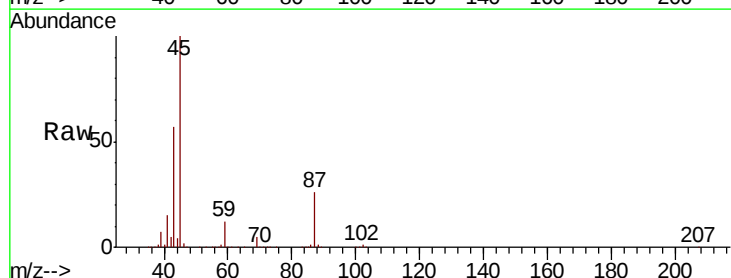
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



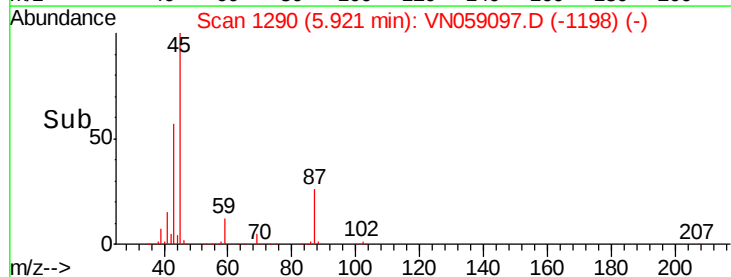
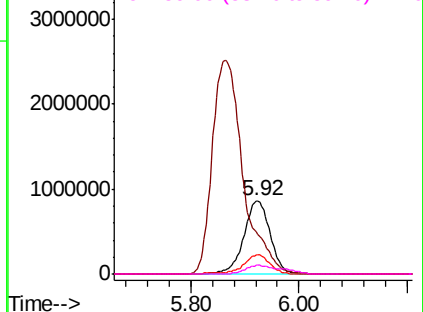
#22

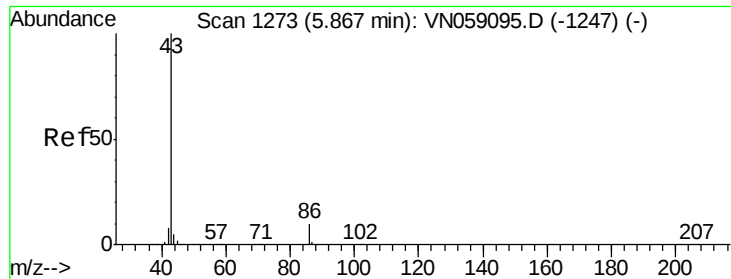
Diisopropyl ether
Concen: 145.411 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 45 Resp: 2898196
Ion Ratio Lower Upper
45 100
43 57.0 46.7 70.1
87 25.8 20.5 30.7
59 11.7 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: 631.592 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

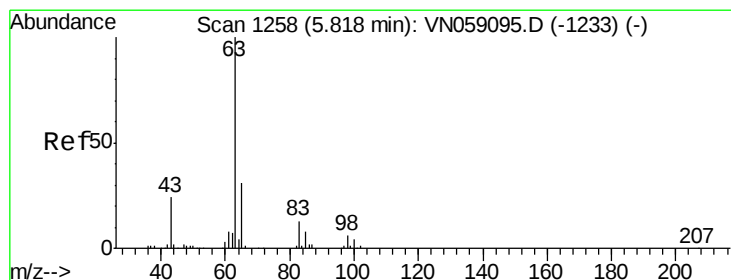
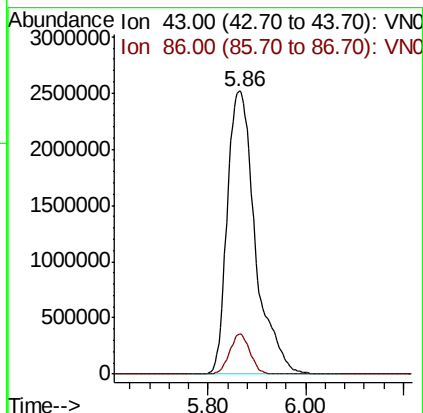
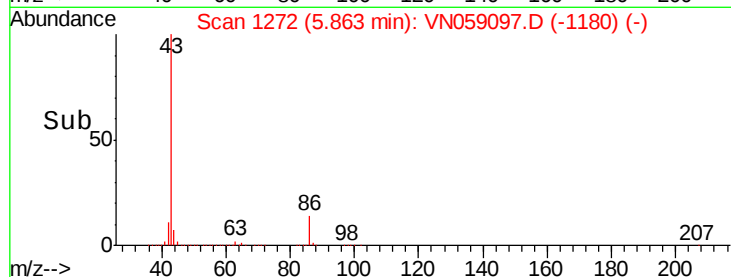
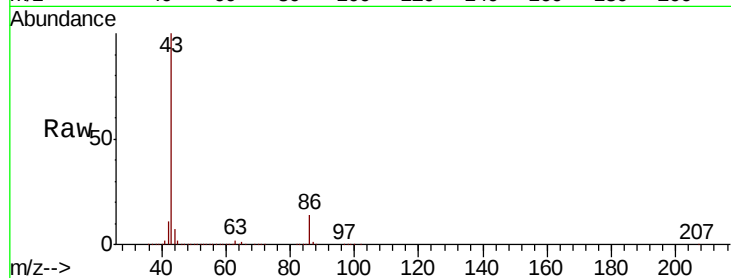
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp:10001540

Ion Ratio Lower Upper

43 100

86 14.2 7.7 11.5#



#24

1,1-Dichloroethane

Concen: 136.248 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

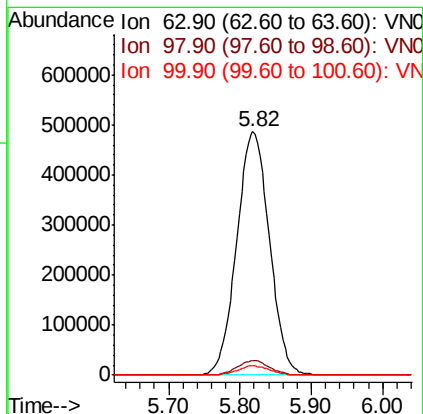
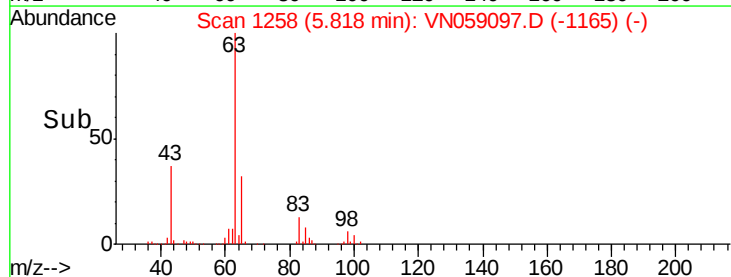
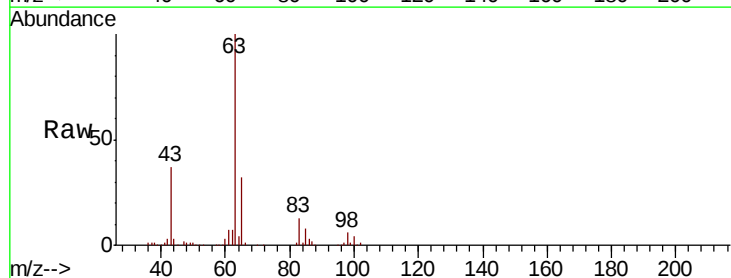
Tgt Ion: 63 Resp: 1553751

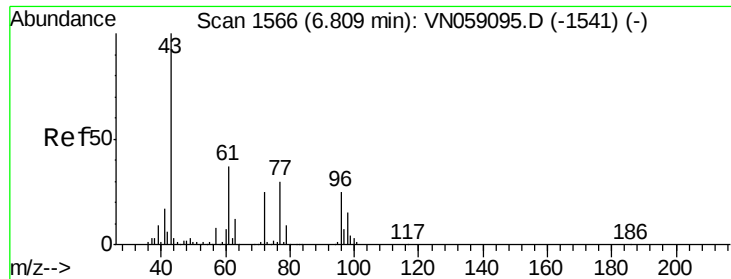
Ion Ratio Lower Upper

63 100

98 6.0 2.8 8.4

100 3.8 1.9 5.7





#25

2-Butanone

Concen: 729.593 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

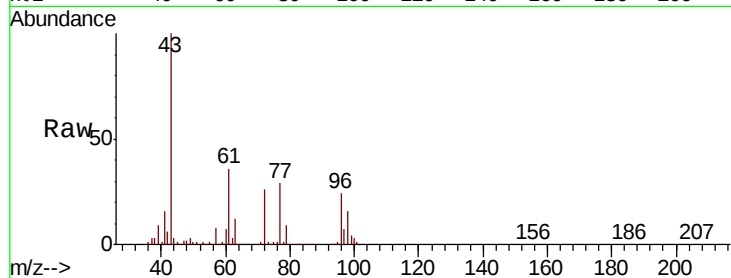
ClientSampled :

Tot Ion: 43 Resp: 3472370

Ion Ratio Lower Upper

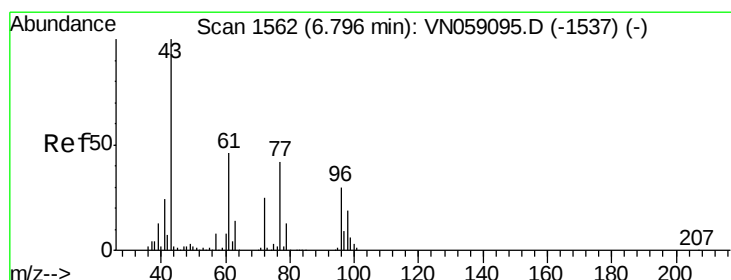
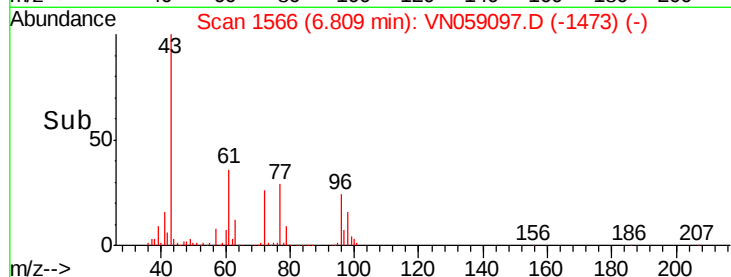
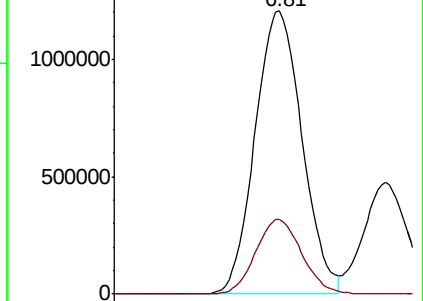
43 100

72 26.3 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059097.D (-1473) (-)

Ion 72.00 (71.70 to 72.70): VN059097.D (-1473) (-)



#26

2,2-Dichloropropane

Concen: 133.046 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059097.D

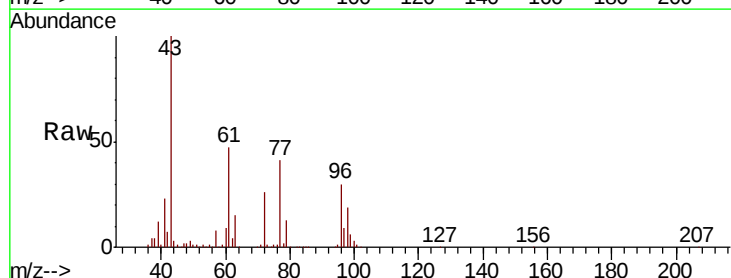
Acq: 6 Nov 2019 10:45

Tgt Ion: 77 Resp: 1314814

Ion Ratio Lower Upper

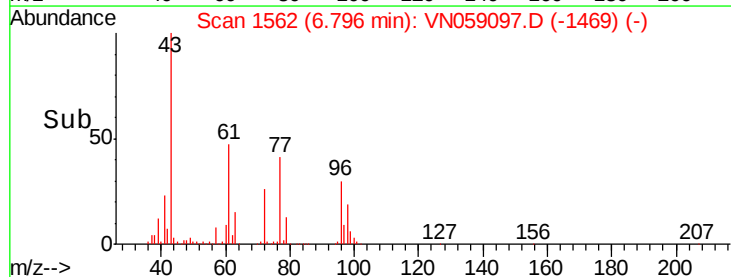
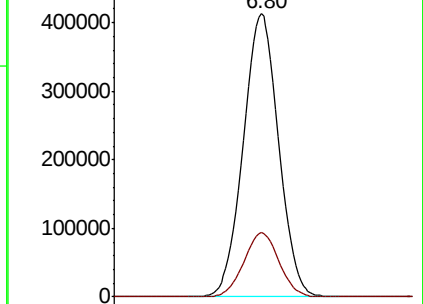
77 100

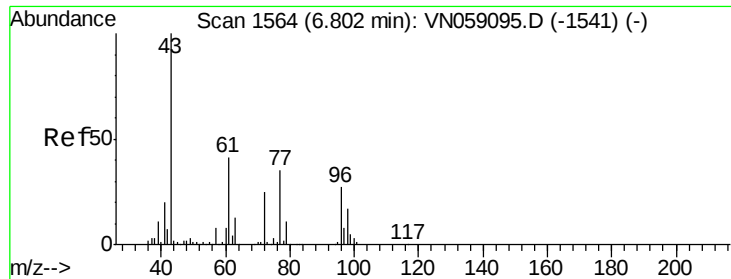
97 22.5 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN059097.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059097.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 141.512 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampleId :

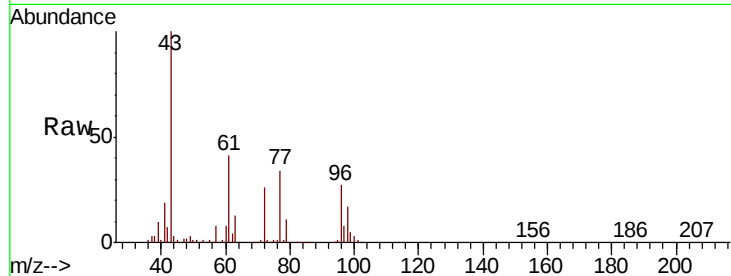
Tot Ion: 96 Resp: 904885

Ion Ratio Lower Upper

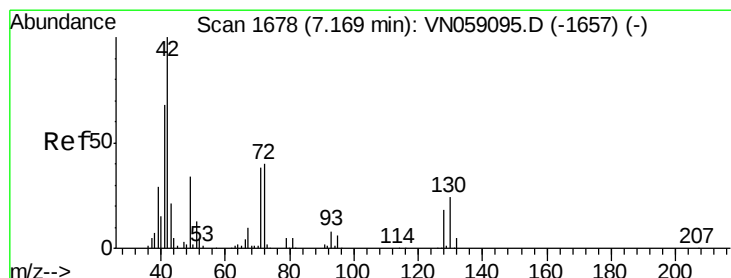
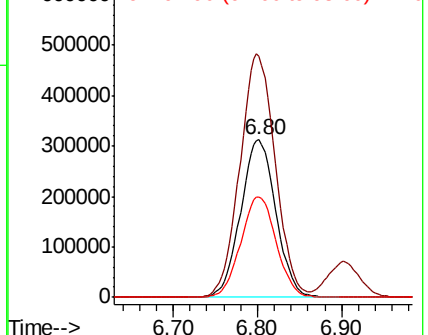
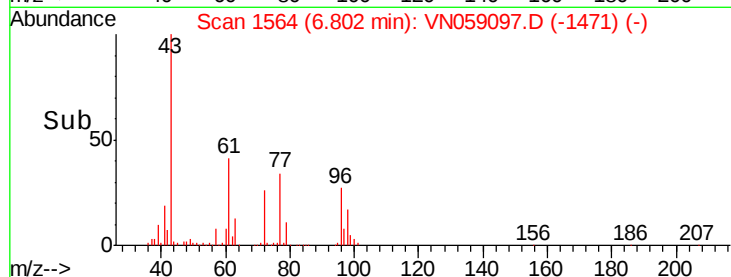
96 100

61 155.5 0.0 311.6

98 64.5 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: 126.204 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

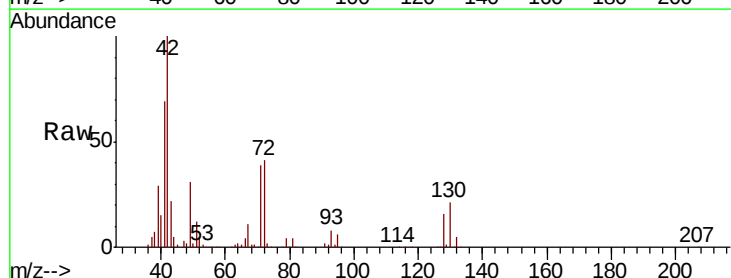
Tgt Ion: 49 Resp: 441197

Ion Ratio Lower Upper

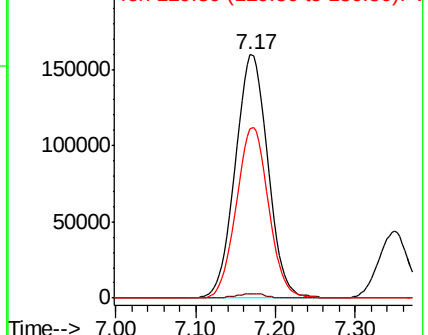
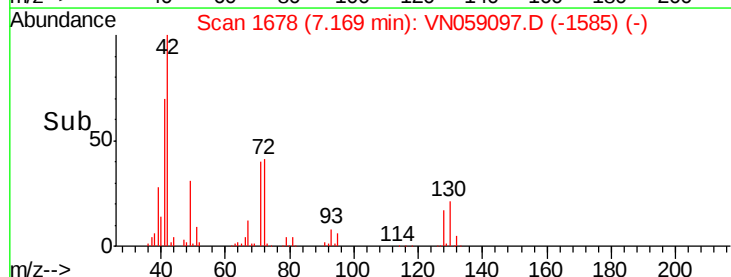
49 100

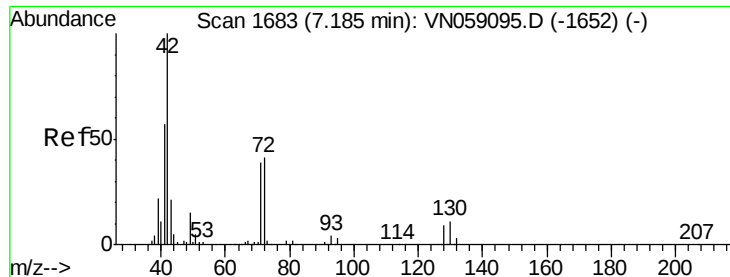
129 1.6 0.0 3.8

130 69.3 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

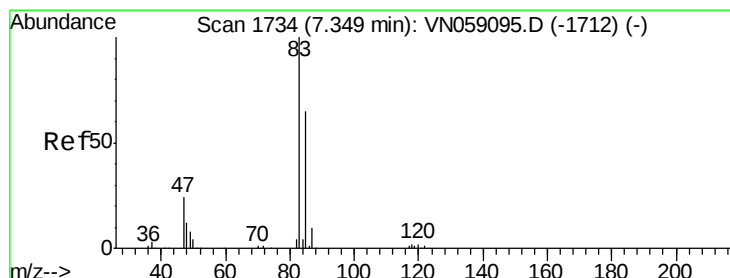
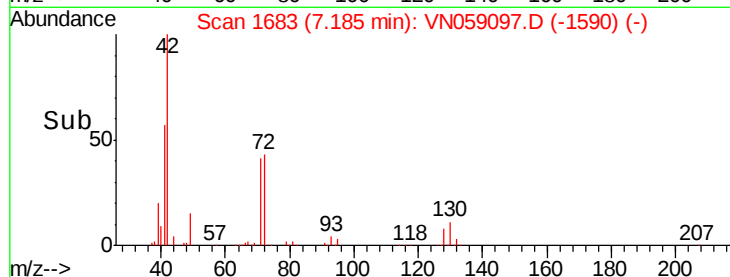
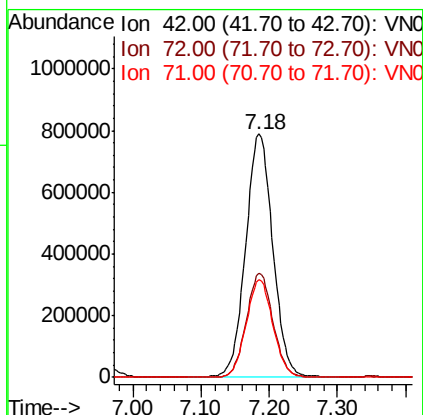
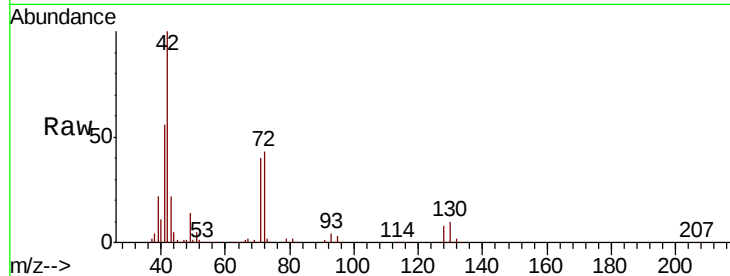




#29
Tetrahydrofuran
Concen: 726.569 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

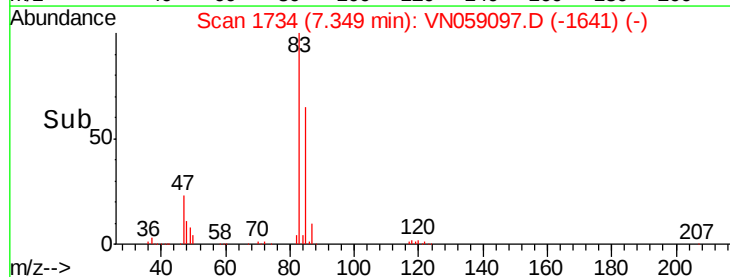
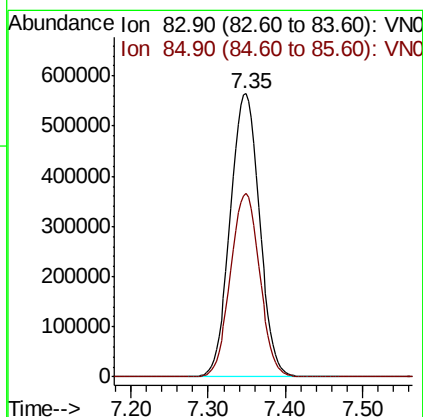
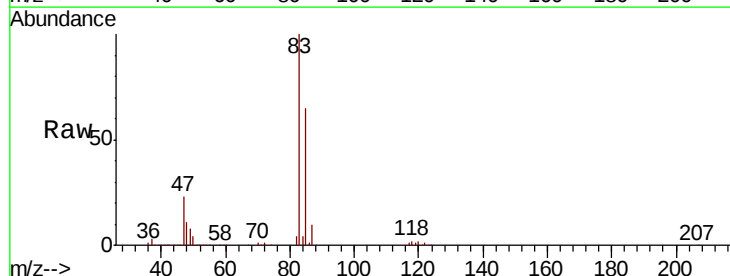
Instrument :
MSVOA_N
ClientSampled :

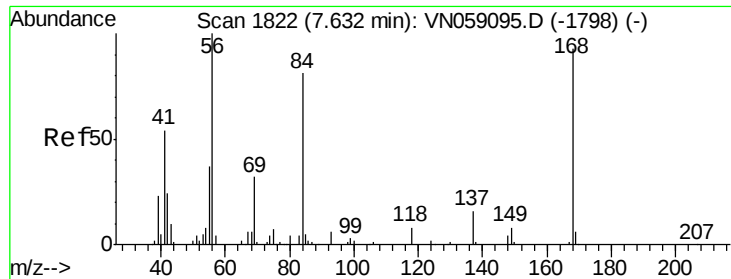
Tot Ion: 42 Resp: 2180476
Ion Ratio Lower Upper
42 100
72 41.8 33.1 49.7
71 39.4 30.9 46.3



#30
Chloroform
Concen: 136.014 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 83 Resp: 1482436
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8

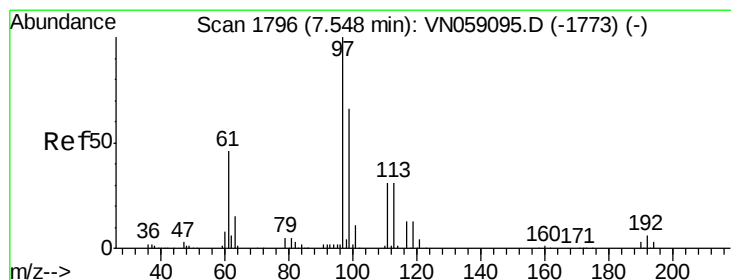
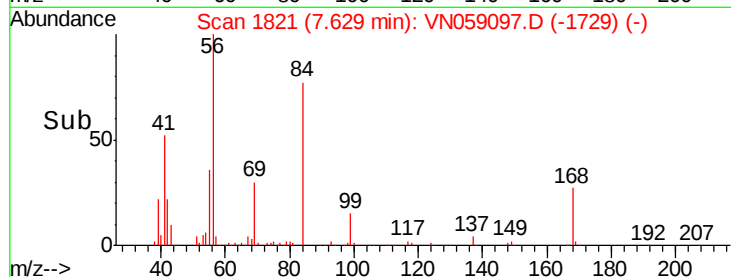
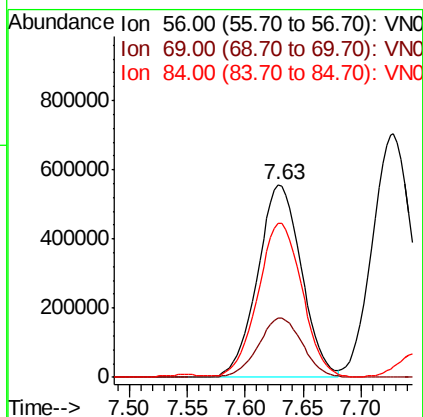
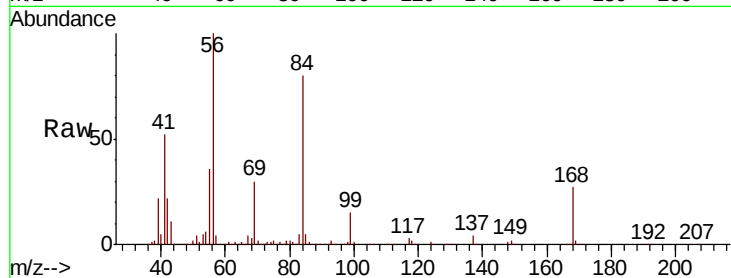




#31
Cyclohexane
Concen: 134.985 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

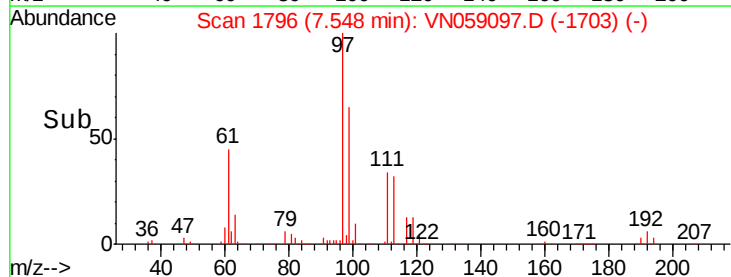
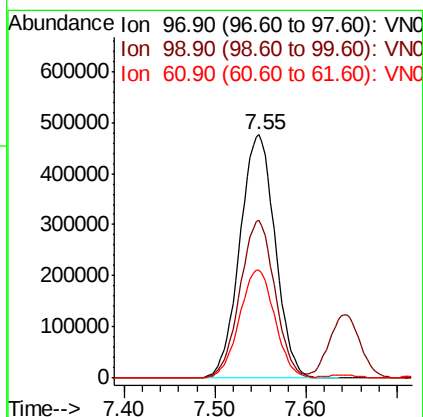
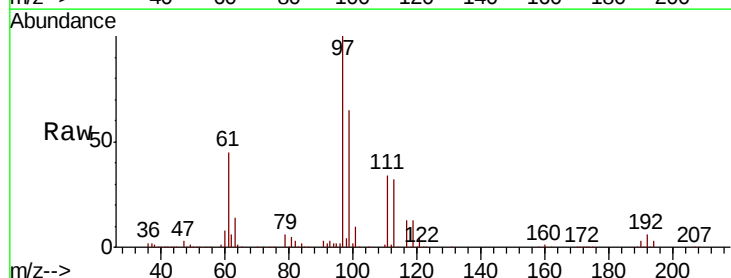
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 1461995
Ion Ratio Lower Upper
56 100
69 30.4 25.8 38.8
84 78.8 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 139.088 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 97 Resp: 1282300
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.6
61 44.5 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 133.127 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

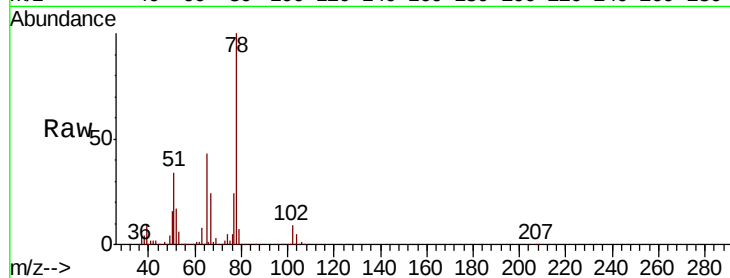
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 921801

Ion Ratio Lower Upper

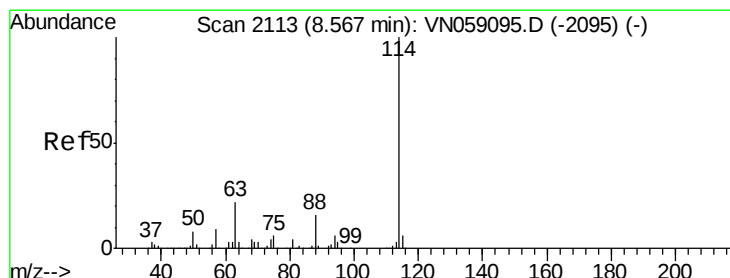
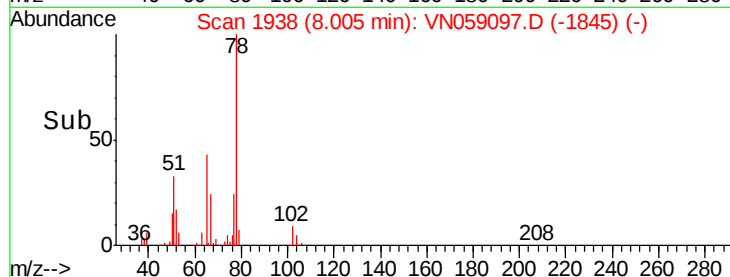
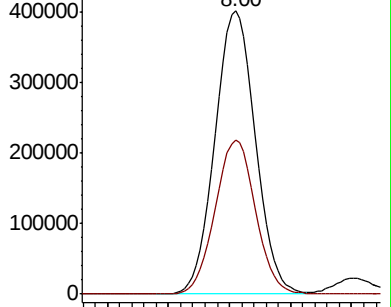
65 100

67 54.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN059097.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059097.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

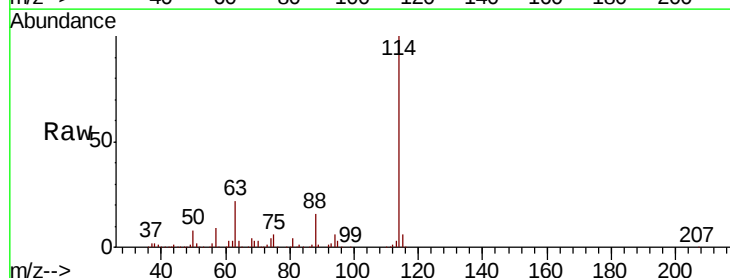
Tgt Ion:114 Resp: 838450

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

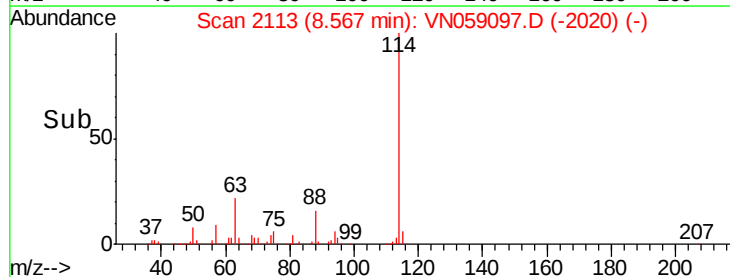
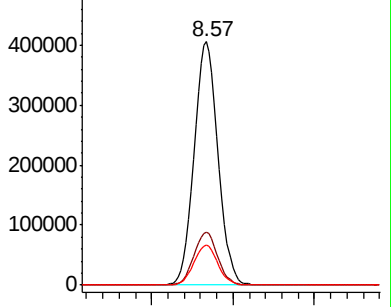
88 16.3 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): VN059097.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059097.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059097.D (-2020) (-)

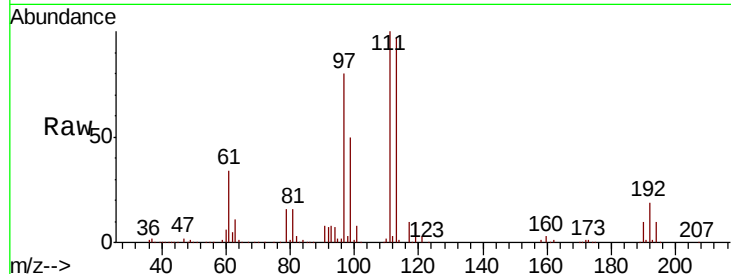




#35
 Dibromofluoromethane
 Concen: 136.789 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	20.3	16.1	24.1

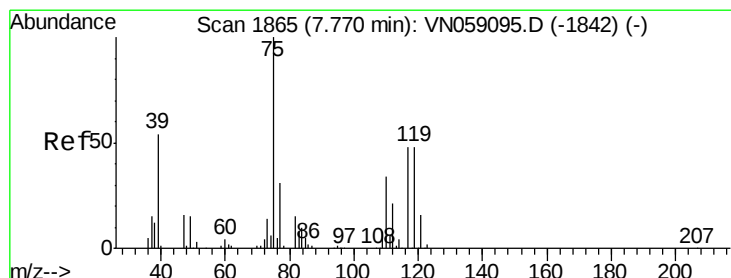
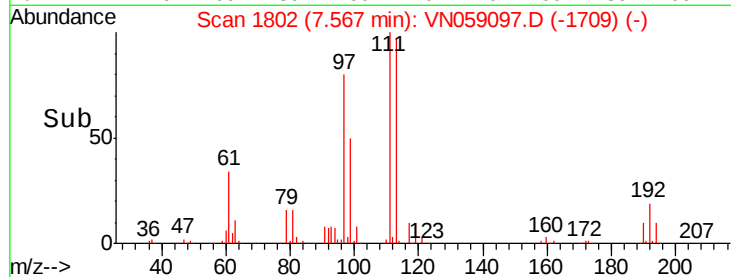
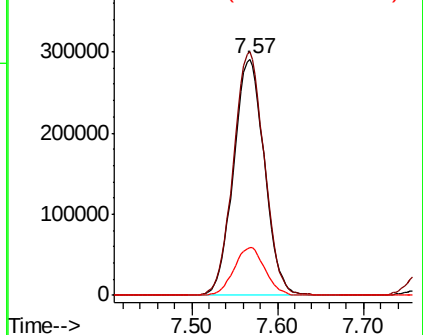


Abundance

Ion 112.80 (112.50 to 113.50): V

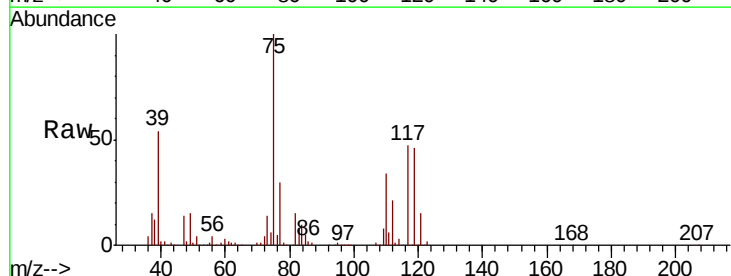
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 143.152 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.1	51.2
77	30.5	24.8	37.2

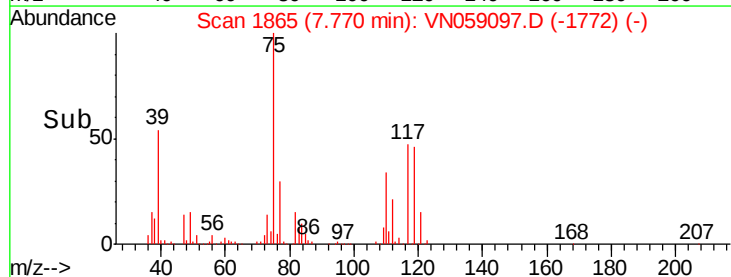
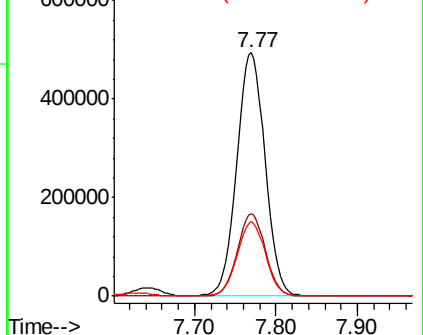


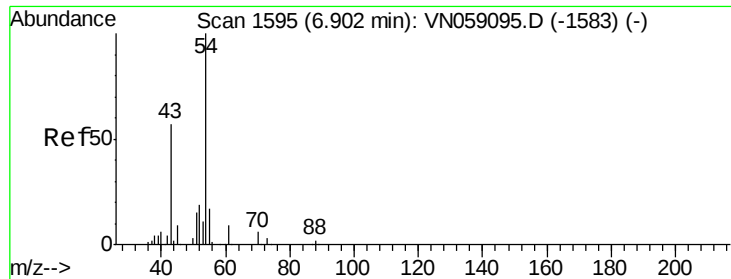
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

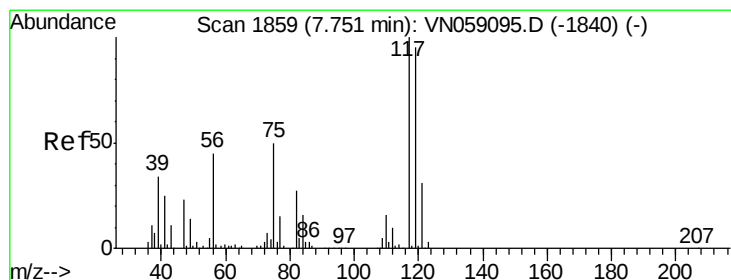
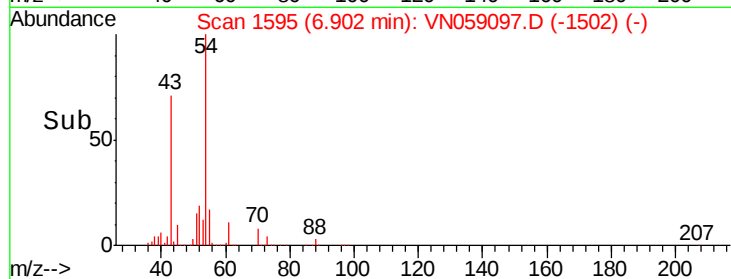
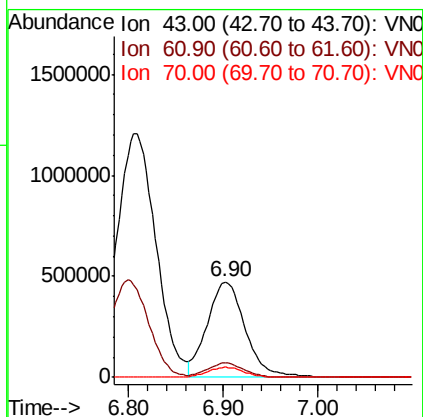
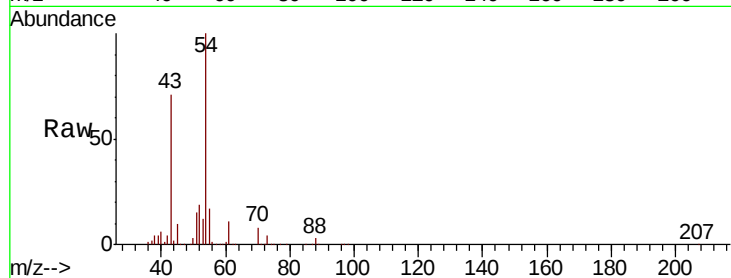




#37
Ethyl Acetate
Concen: 141.953 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

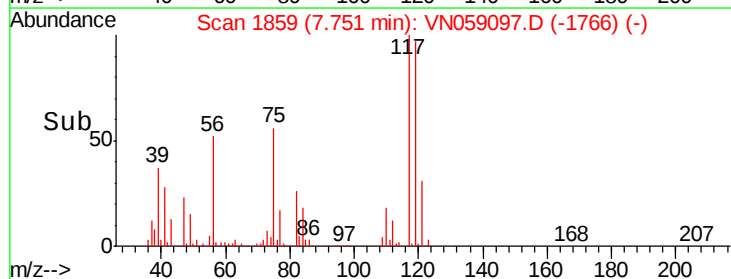
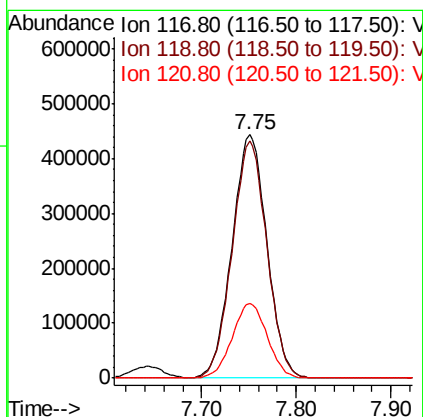
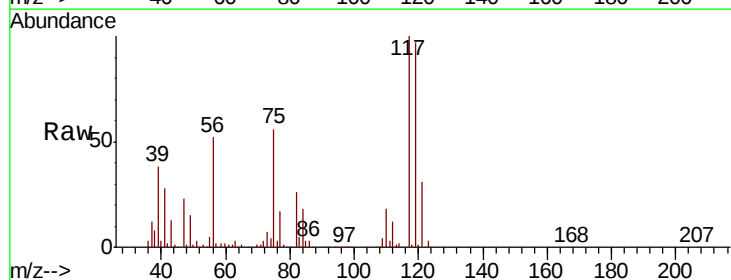
Instrument :
MSVOA_N
ClientSampled :

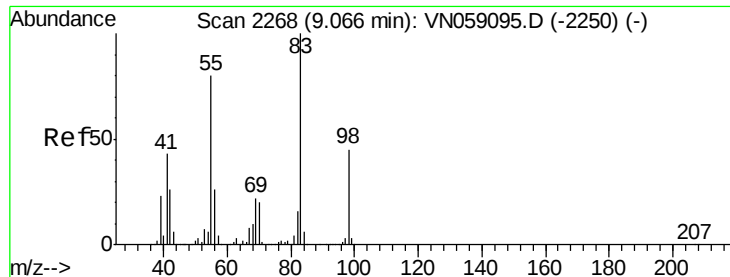
Tot Ion: 43 Resp: 1309619
Ion Ratio Lower Upper
43 100
61 14.5 11.2 16.8
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 140.339 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 117 Resp: 1135283
Ion Ratio Lower Upper
117 100
119 97.2 75.6 113.4
121 30.9 24.6 36.8

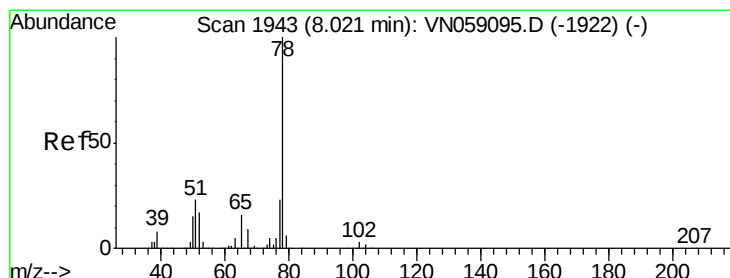
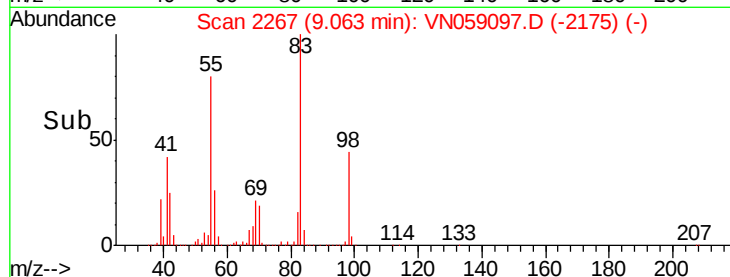
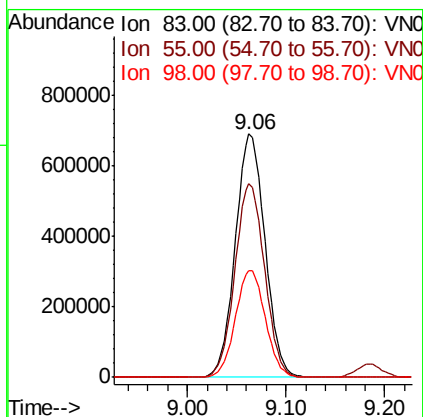
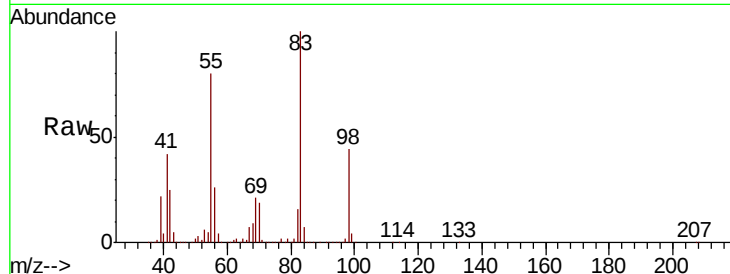




#39
Methvlcvclohexane
Concen: 151.005 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

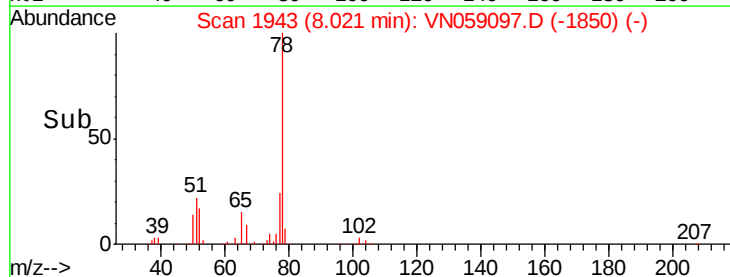
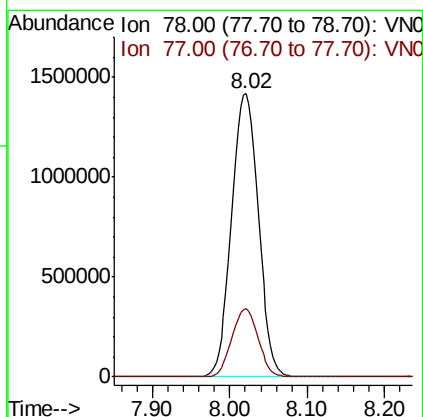
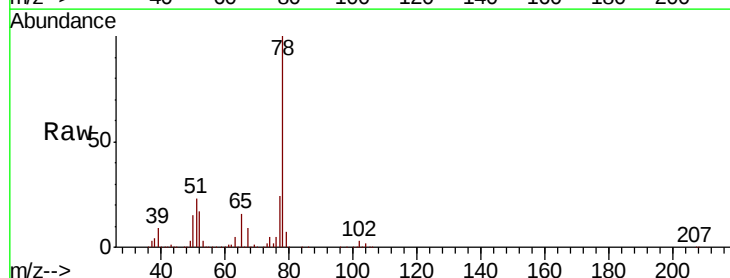
Instrument :
MSVOA_N
ClientSampleId :

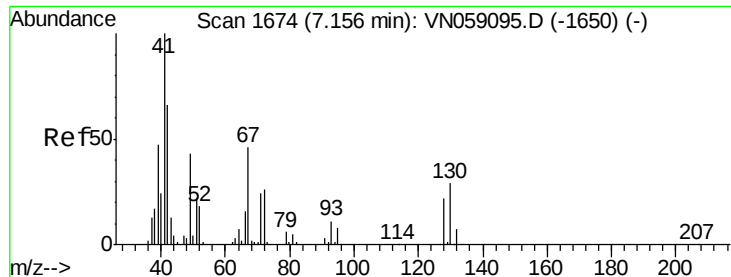
Tot Ion: 83 Resp: 1443083
Ion Ratio Lower Upper
83 100
55 79.8 63.9 95.9
98 44.0 35.6 53.4



#40
Benzene
Concen: 138.145 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 78 Resp: 3408303
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2



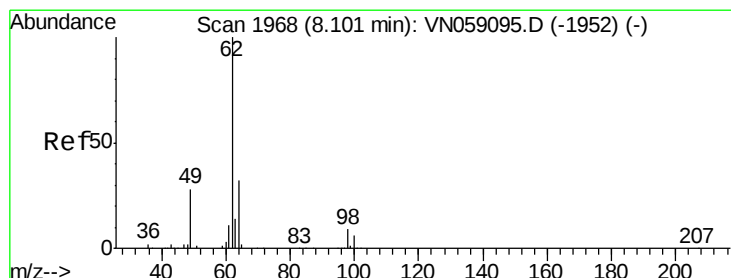
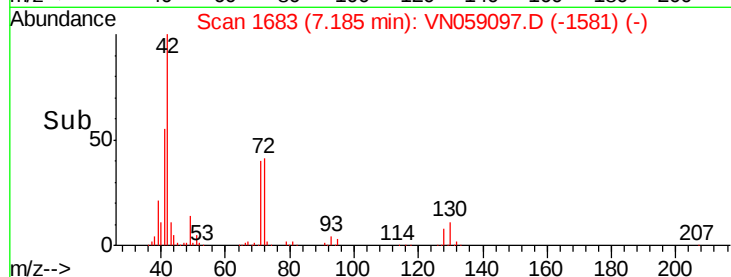
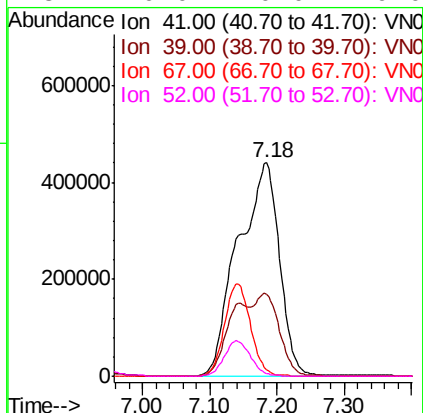
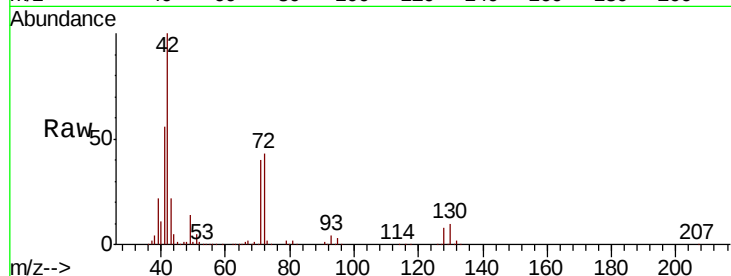


#41
Methacrylonitrile
Concen: 467.831 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 41 Resp: 1876053

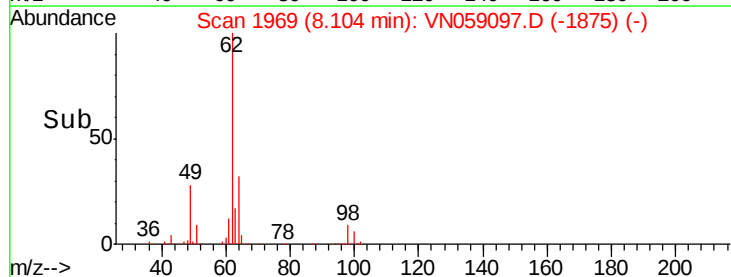
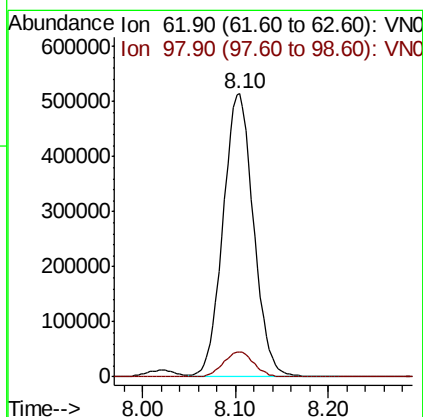
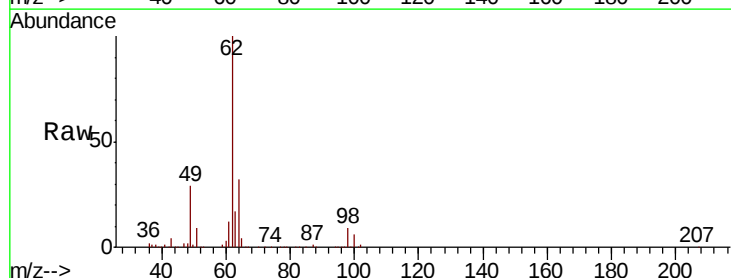
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

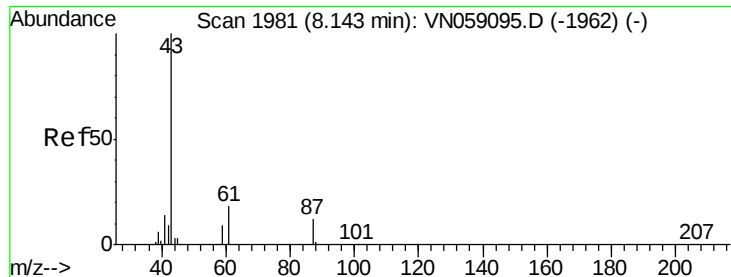


#42
1,2-Dichloroethane
Concen: 136.675 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 62 Resp: 1171792

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 149.361 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampled :

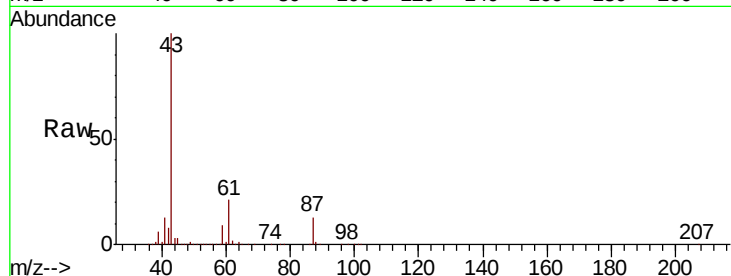
Tot Ion: 43 Resp: 2150127

Ion Ratio Lower Upper

43 100

61 26.1 21.0 31.6

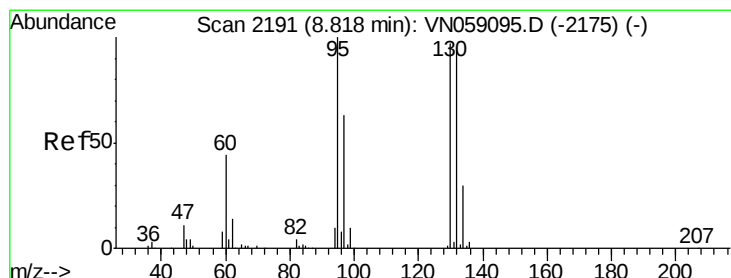
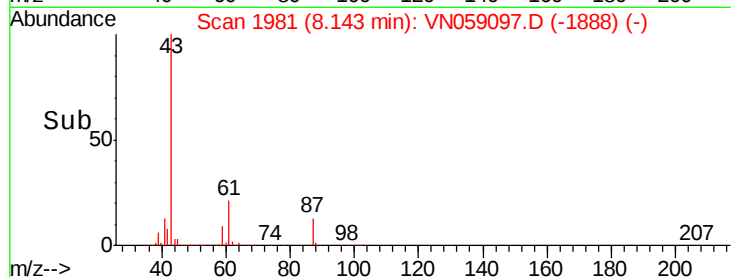
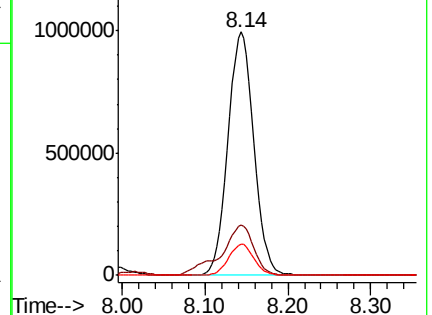
87 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059097.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN059097.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN059097.D (-1962) (-)



#44

Trichloroethene

Concen: 140.488 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059097.D

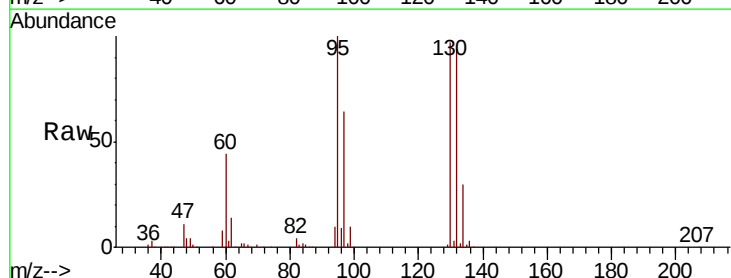
Acq: 6 Nov 2019 10:45

Tgt Ion:130 Resp: 853786

Ion Ratio Lower Upper

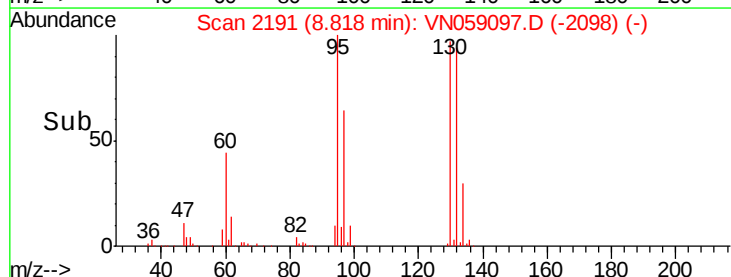
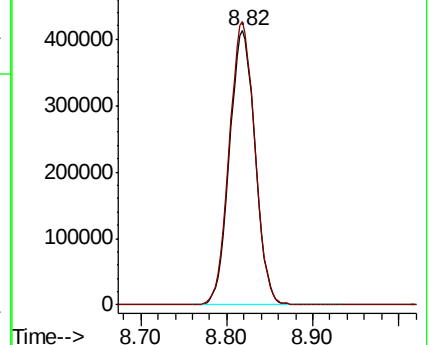
130 100

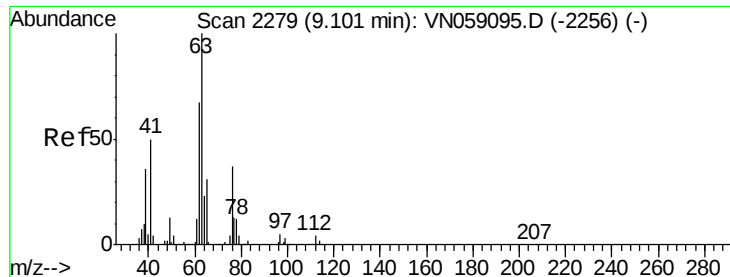
95 103.3 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059097.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059097.D (-2175) (-)





#45

1,2-Dichloropropane

Concen: 143.304 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

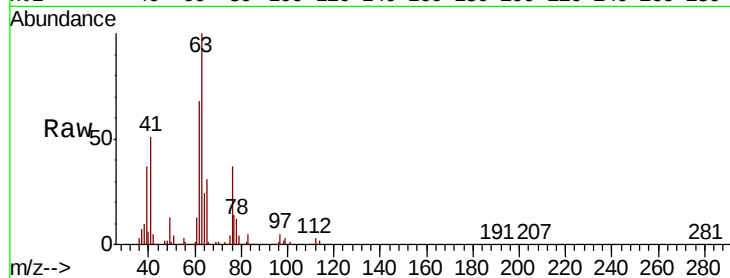
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 63 Resp: 957132

Ion Ratio Lower Upper

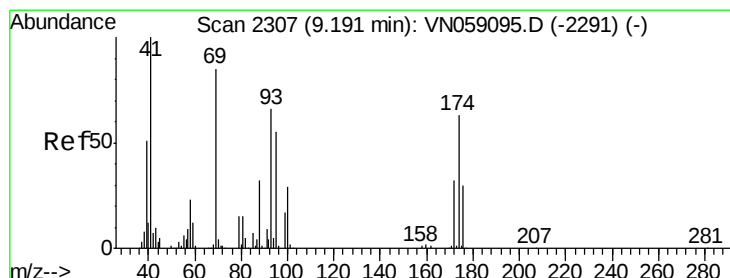
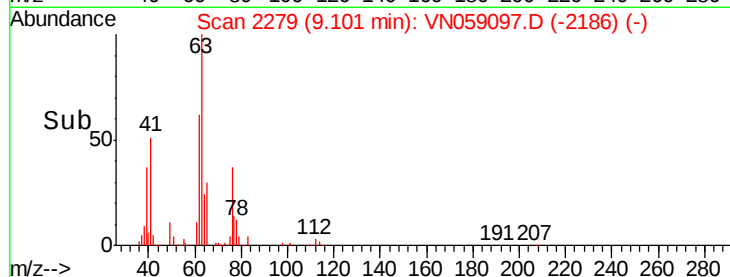
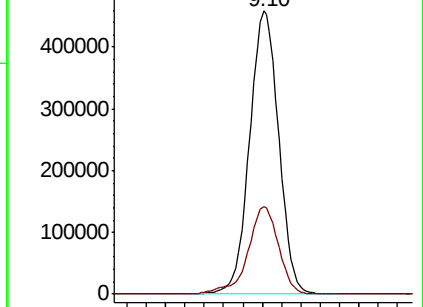
63 100

65 31.1 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN059097.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN059097.D (-2186) (-)



#46

Dibromomethane

Concen: 140.921 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

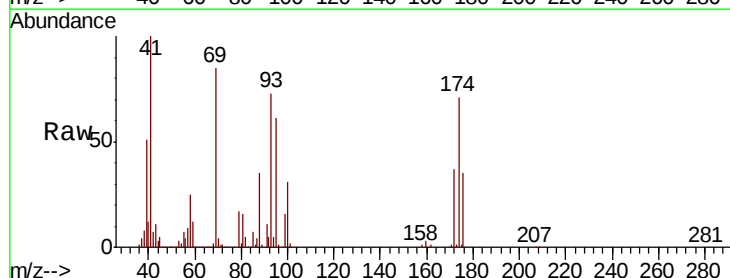
Tgt Ion: 93 Resp: 580990

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

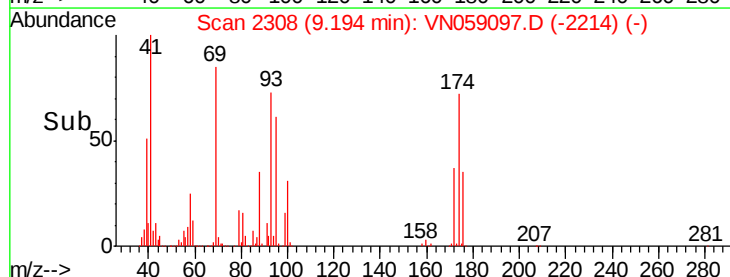
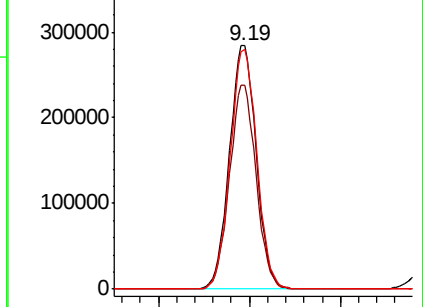
174 98.0 78.2 117.2

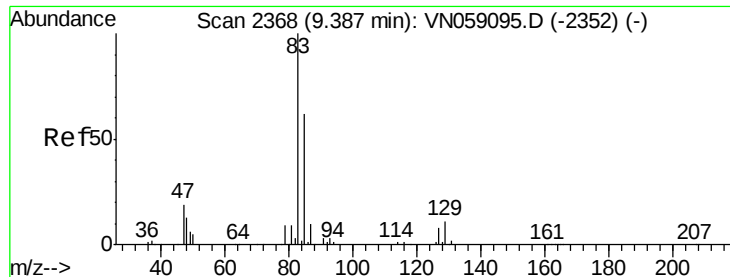


Abundance Ion 92.80 (92.50 to 93.50): VN059097.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN059097.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN059097.D (-2214) (-)





#47

Bromodichloromethane

Concen: 144.570 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

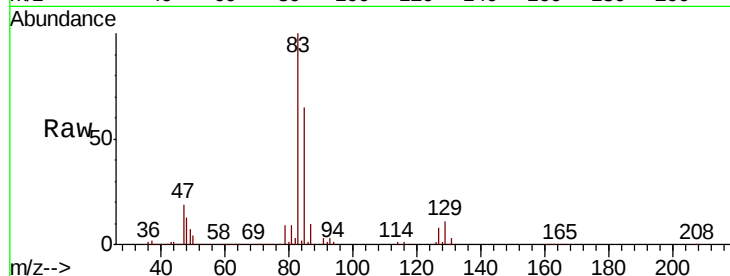
Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 1209374

Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.7	74.5
127	8.3	6.4	9.6

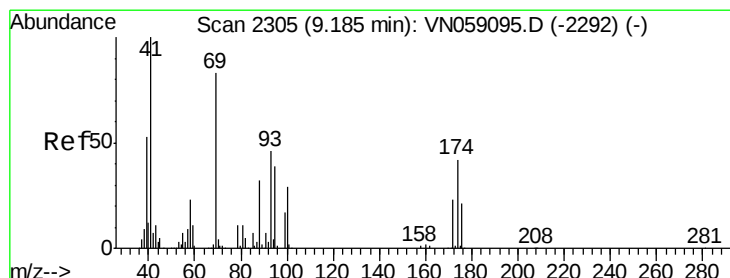
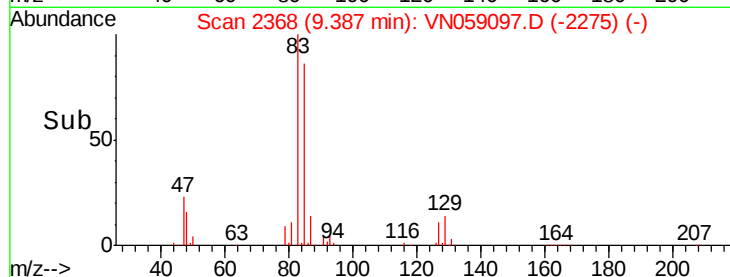
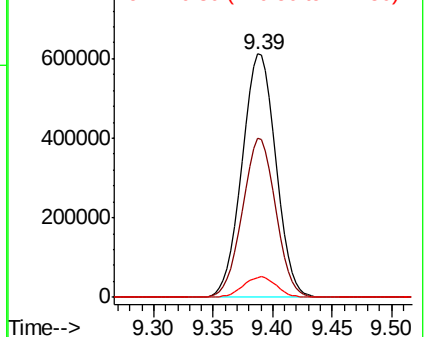


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 152.908 ug/l

RT: 9.18 min Scan# 2305

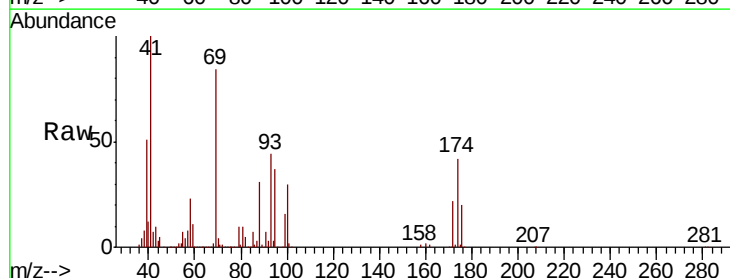
Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion: 41 Resp: 1004209

Ion	Ratio	Lower	Upper
41	100		
69	85.0	67.3	100.9
39	52.0	43.3	64.9

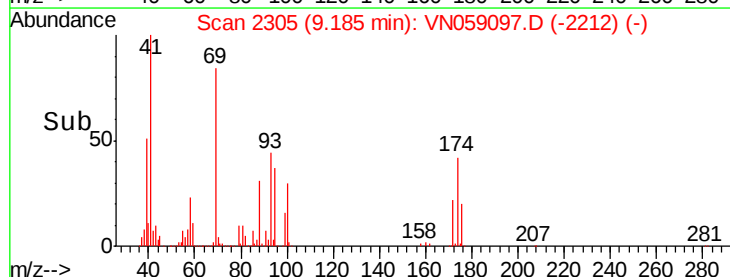
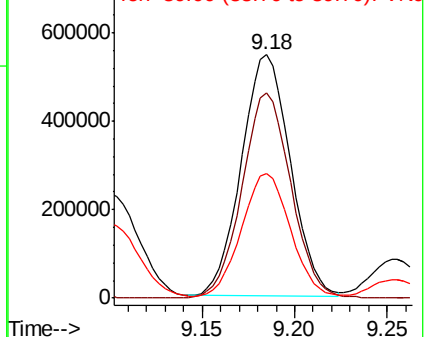


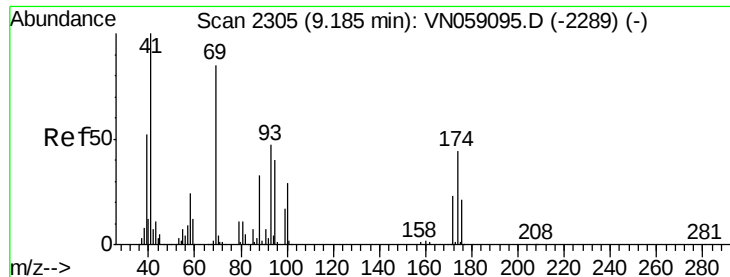
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 3405.871 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampleId :

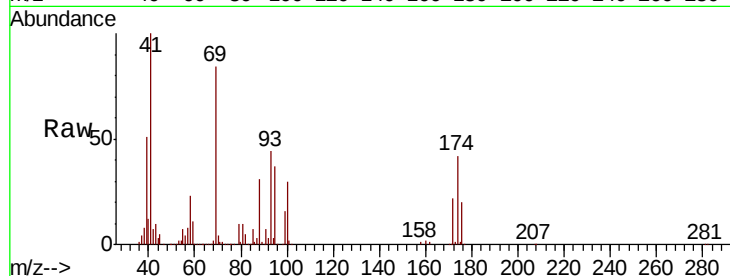
Tot Ion: 88 Resp: 362474

Ion Ratio Lower Upper

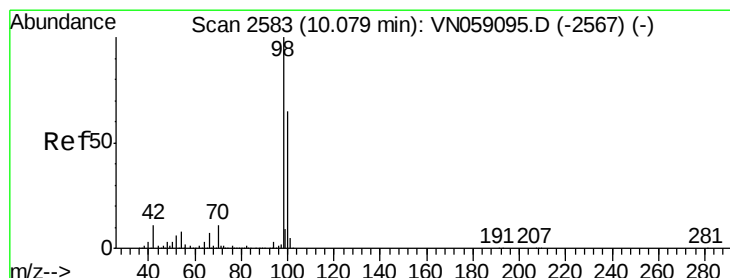
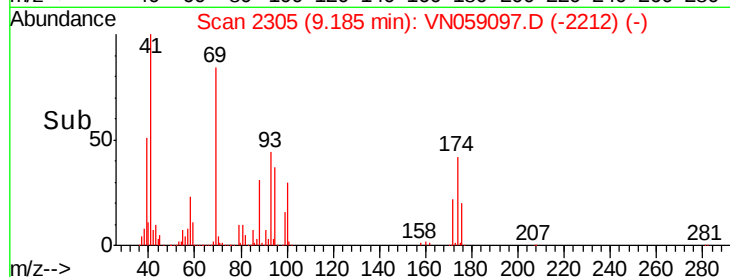
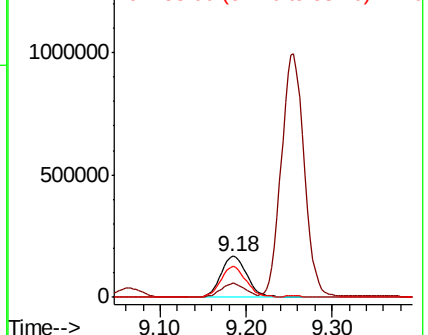
88 100

43 31.0 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: 138.356 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059097.D

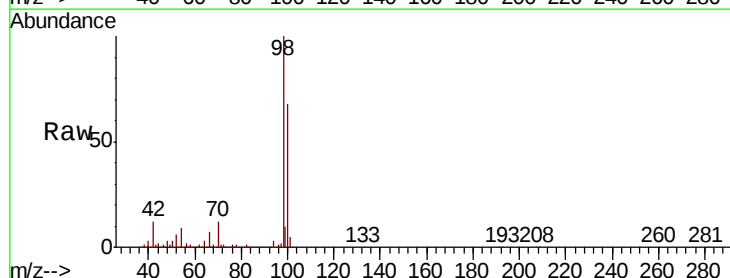
Acq: 6 Nov 2019 10:45

Tgt Ion: 98 Resp: 2847788

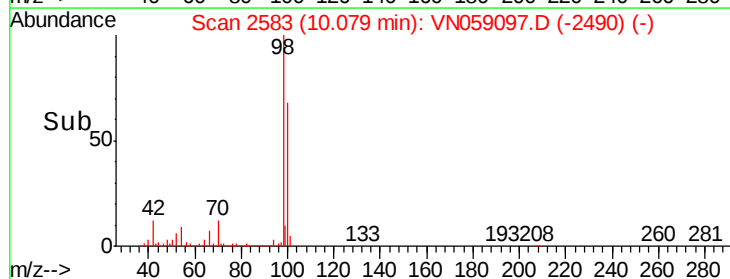
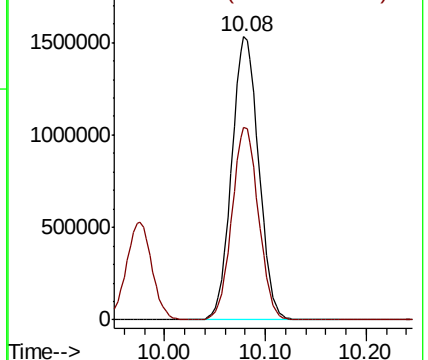
Ion Ratio Lower Upper

98 100

100 66.9 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: 627.198 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

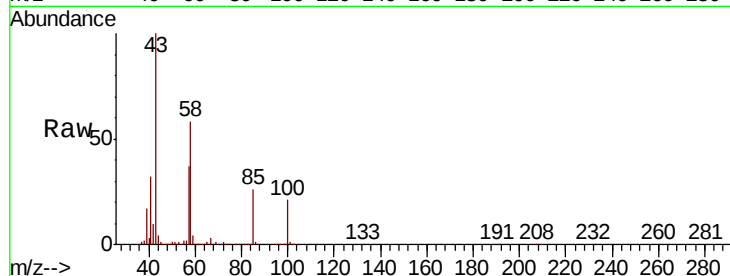
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 5260210

Ion Ratio Lower Upper

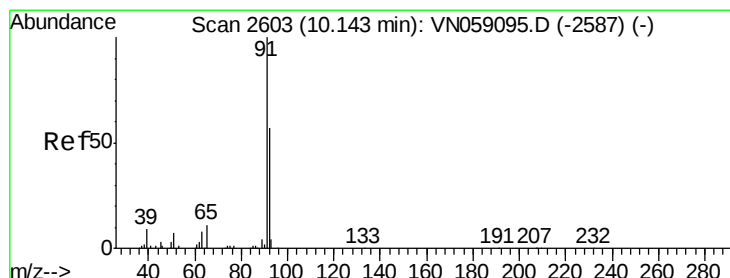
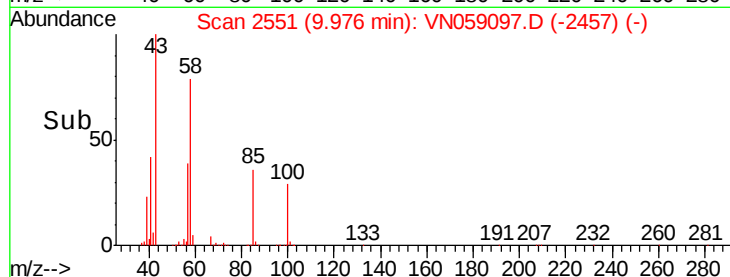
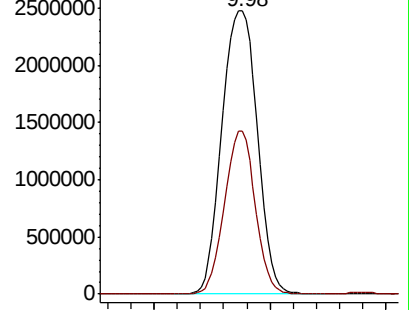
43 100

58 49.8 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) (-)



#52

Toluene

Concen: 148.388 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059097.D

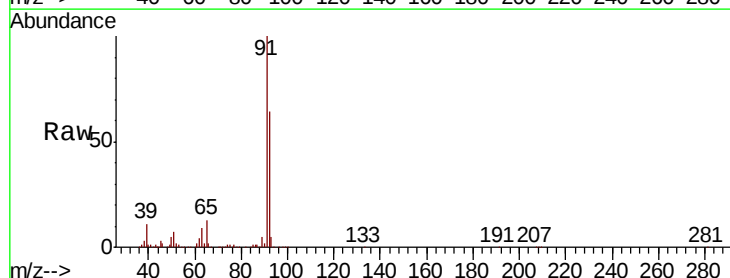
Acq: 6 Nov 2019 10:45

Tgt Ion: 92 Resp: 2141498

Ion Ratio Lower Upper

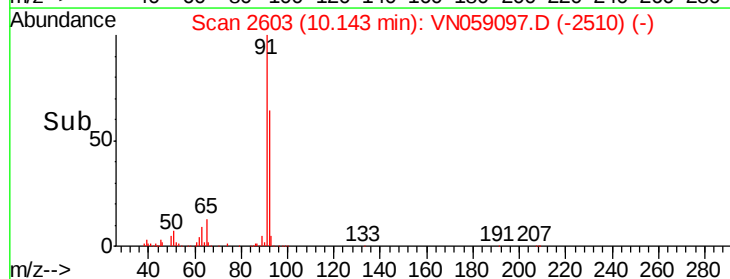
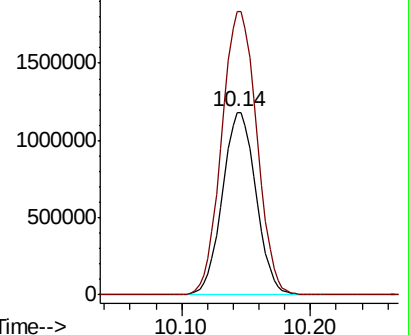
92 100

91 162.6 139.5 209.3



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

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





#53

t-1,3-Dichloropropene

Concen: 150.769 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

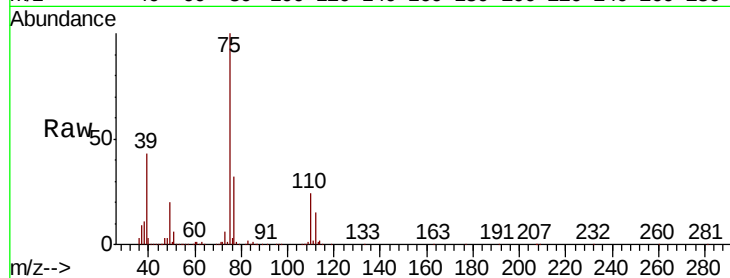
ClientSampleId :

Tot Ion: 75 Resp: 1454344

Ion Ratio Lower Upper

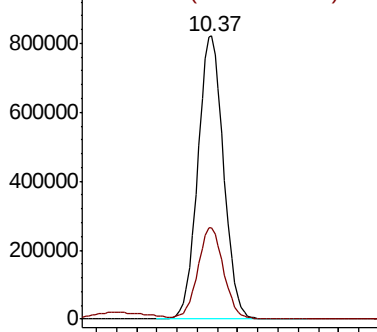
75 100

77 32.2 25.3 37.9

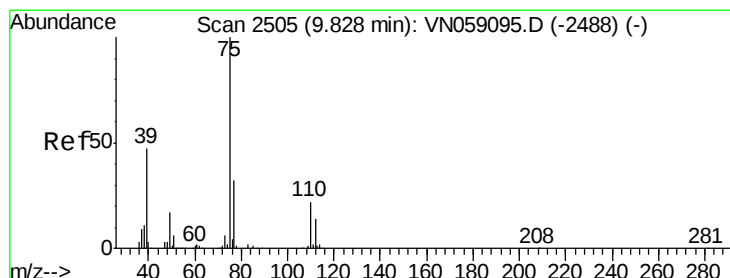
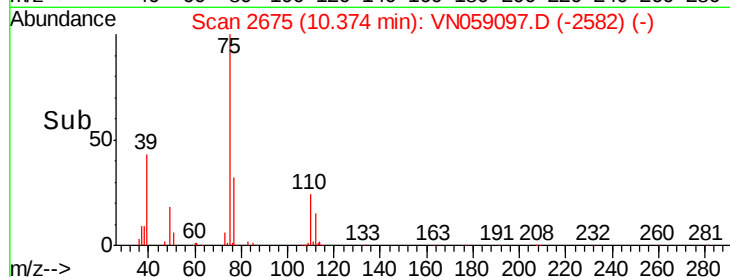


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO



Time-->



#54

cis-1,3-Dichloropropene

Concen: 151.303 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

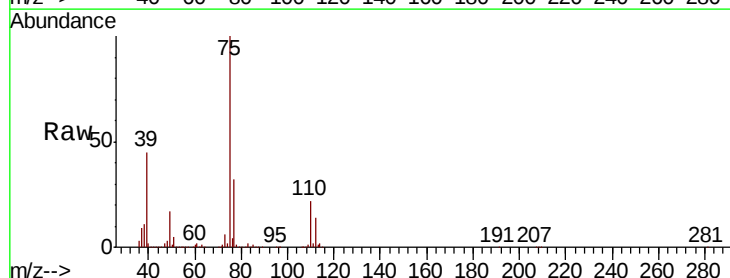
Tgt Ion: 75 Resp: 1537968

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

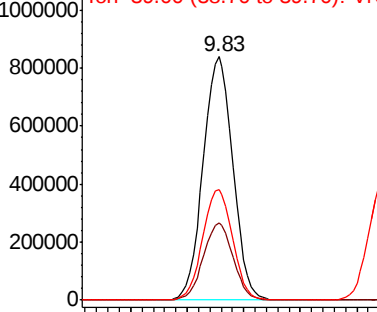
39 45.4 37.3 55.9



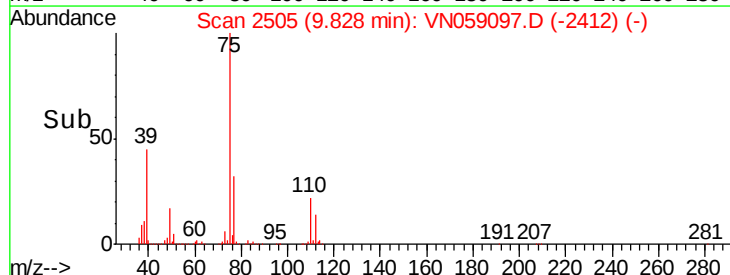
Abundance Ion 74.90 (74.60 to 75.60): VNO

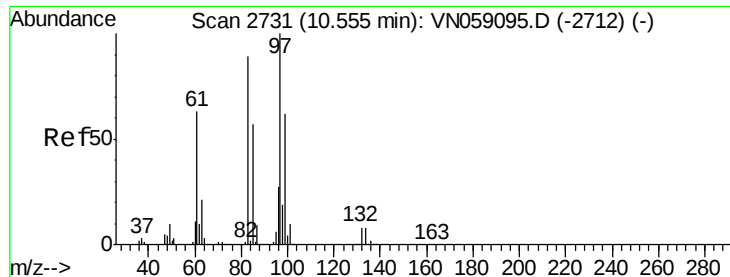
Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO



Time-->





#55

1,1,2-Trichloroethane

Concen: 142.549 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 841074

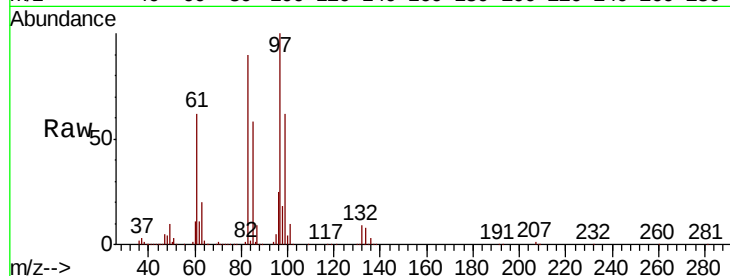
Ion Ratio Lower Upper

97 100

83 89.7 71.0 106.4

85 58.3 45.8 68.8

99 62.0 49.4 74.0

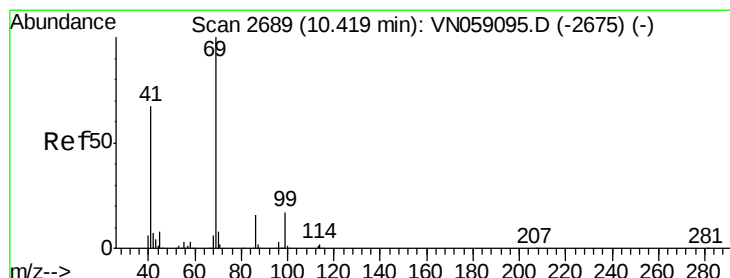
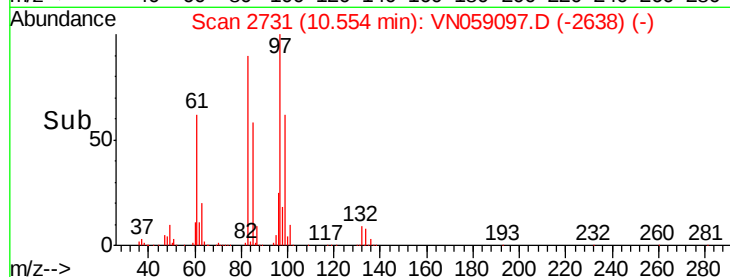
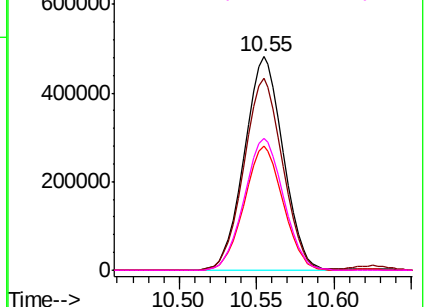


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 165.850 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

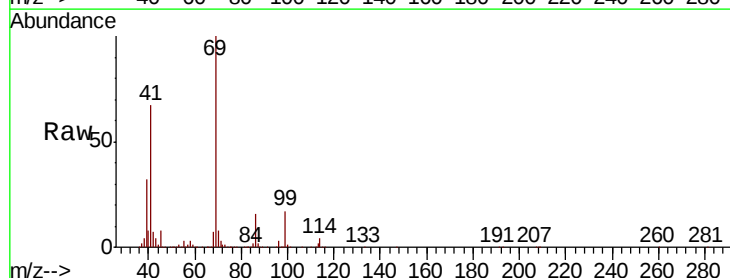
Tgt Ion: 69 Resp: 1471292

Ion Ratio Lower Upper

69 100

41 66.9 53.6 80.4

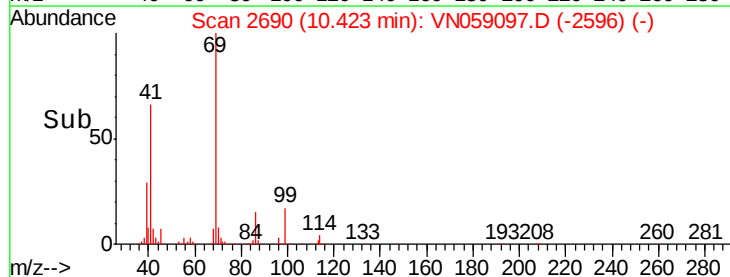
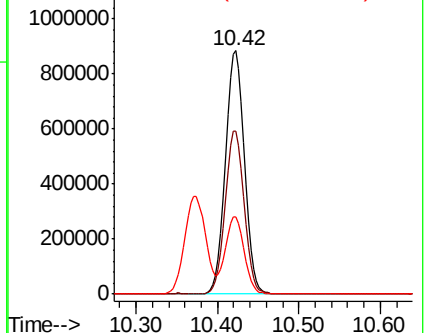
39 32.0 26.2 39.4

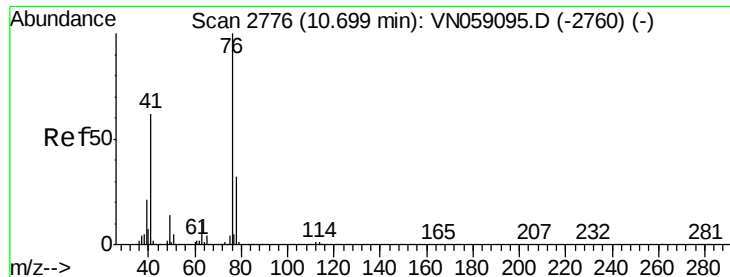


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 145.906 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

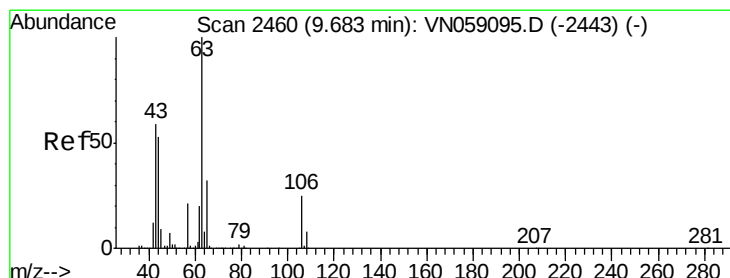
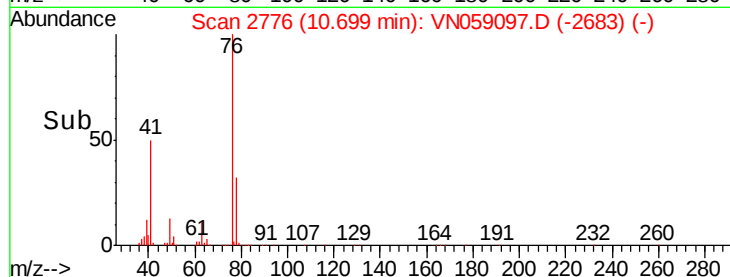
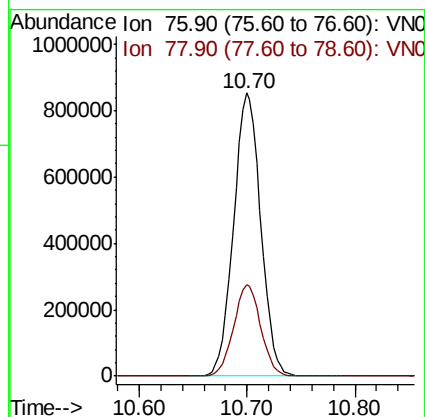
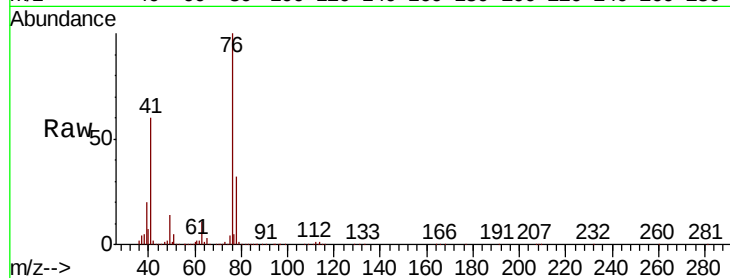
ClientSampled :

Tot Ion: 76 Resp: 1495028

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 685.810 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059097.D

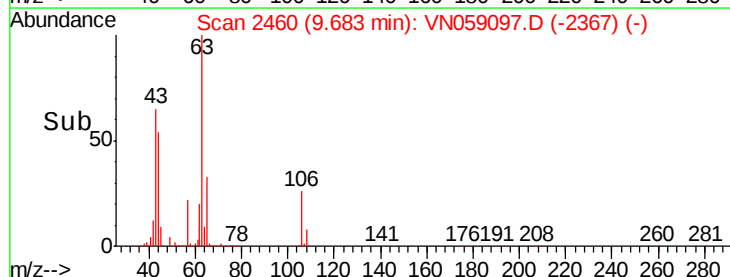
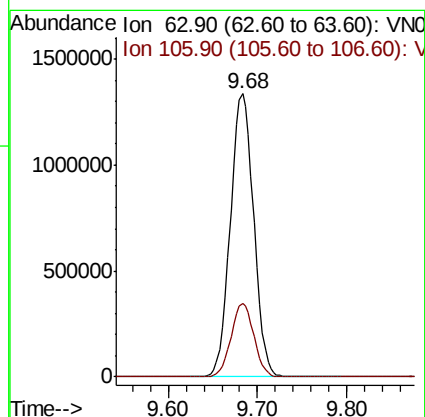
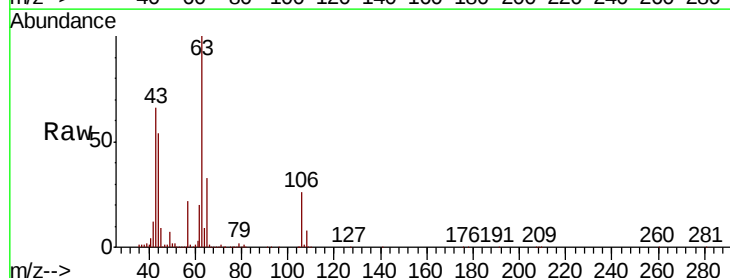
Acq: 6 Nov 2019 10:45

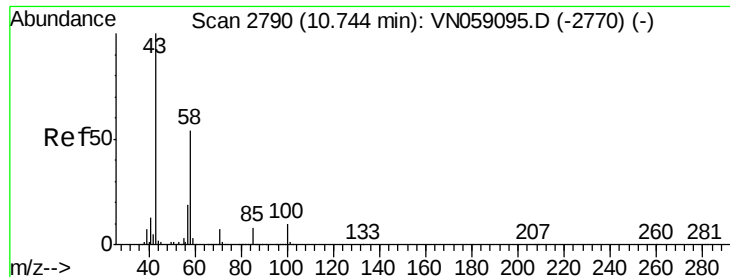
Tgt Ion: 63 Resp: 2414596

Ion Ratio Lower Upper

63 100

106 25.5 20.2 30.2

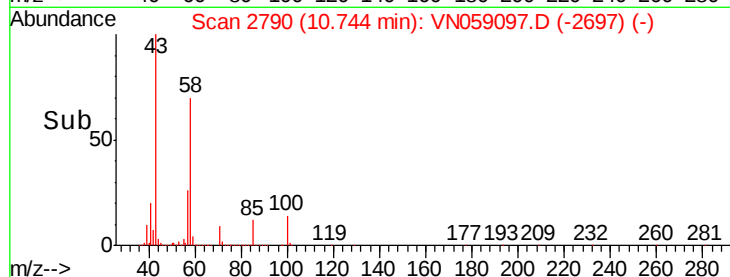
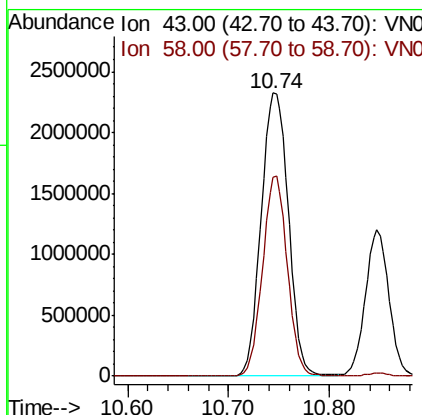
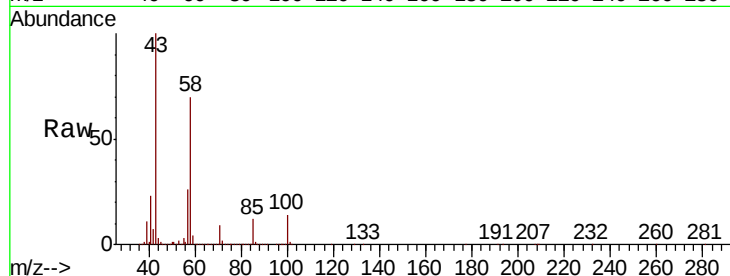




#59
2-Hexanone
Concen: 684.996 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

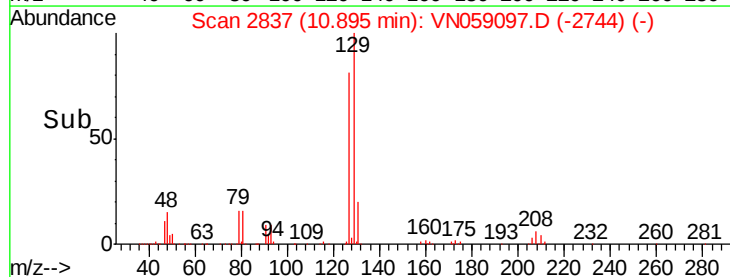
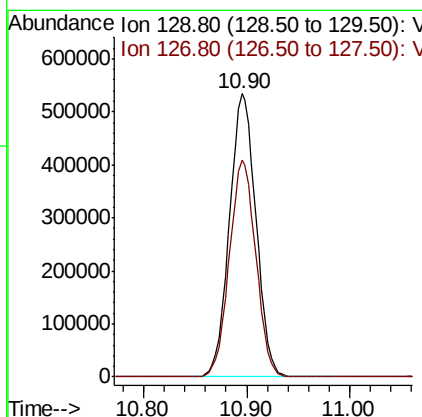
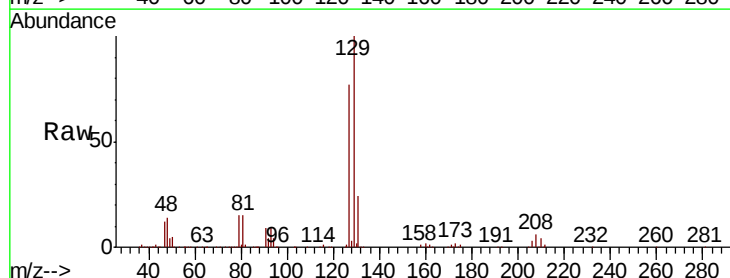
Instrument :
MSVOA_N
ClientSampled :

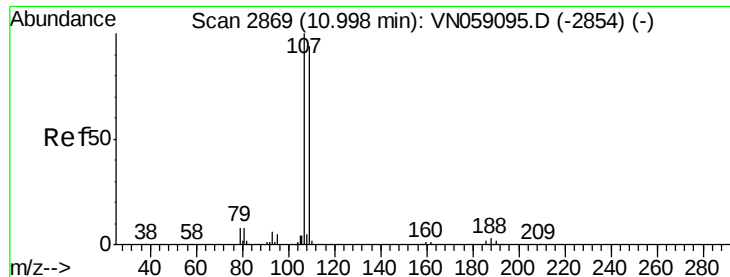
Tot Ion: 43 Resp: 4364330
Ion Ratio Lower Upper
43 100
58 64.3 27.3 81.8



#60
Dibromochloromethane
Concen: 150.945 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 129 Resp: 956406
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8

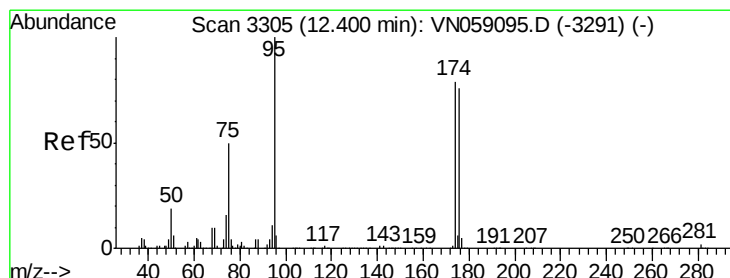
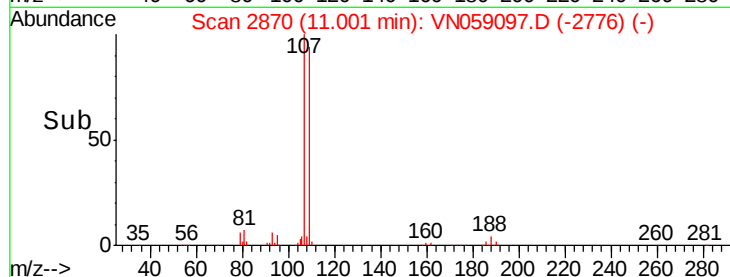
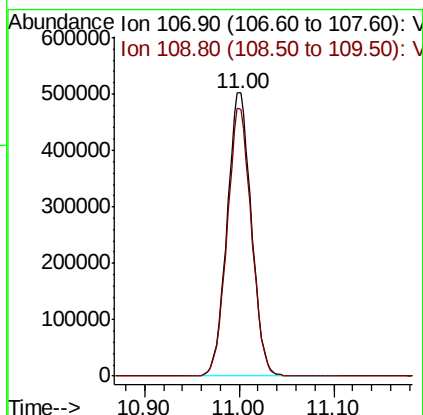
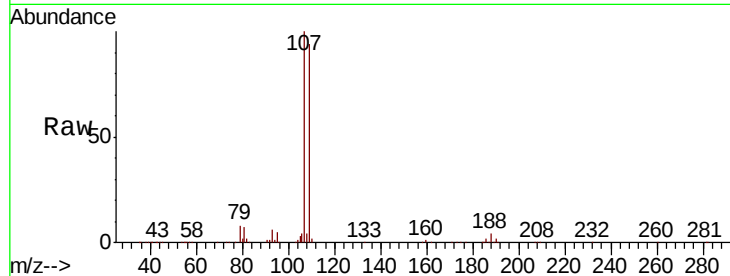




#61
 1,2-Dibromoethane
 Concen: 150.043 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

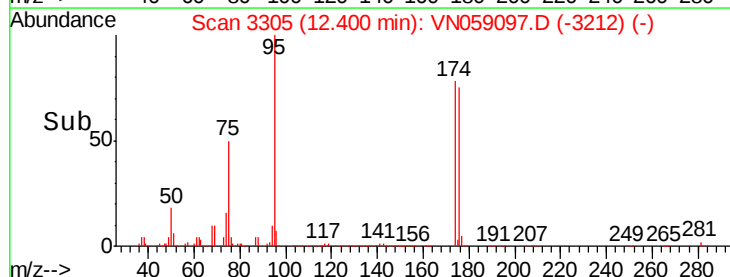
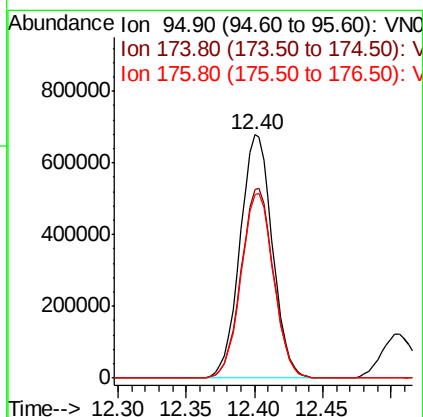
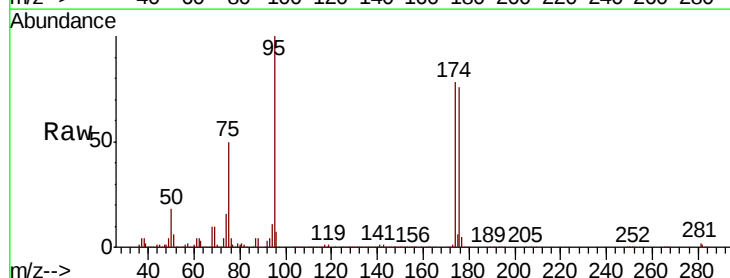
Instrument :
 MSVOA_N
 ClientSampled :

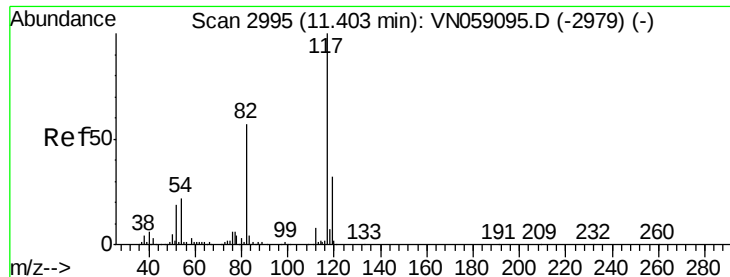
Tot Ion: 107 Resp: 893927
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 151.446 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

Tgt Ion: 95 Resp: 1116686
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 158.2
 176 76.1 0.0 151.8

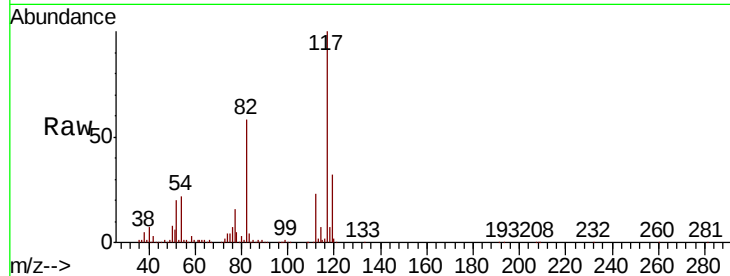




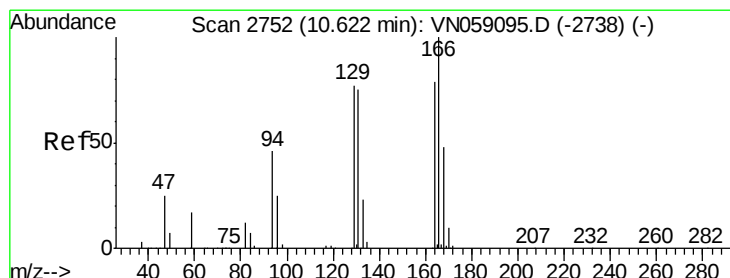
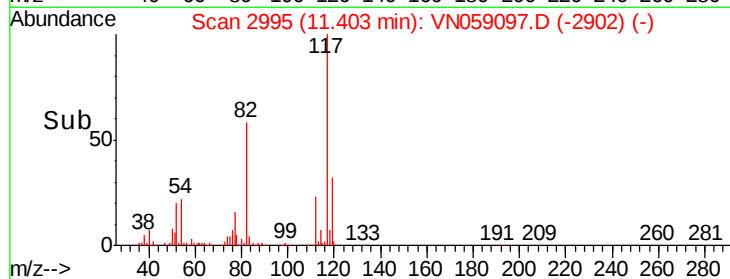
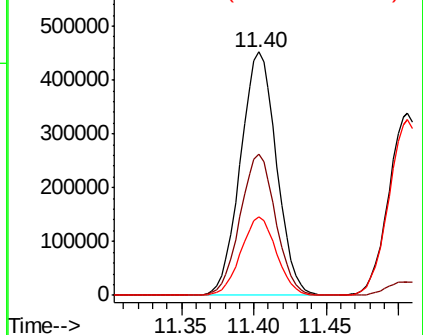
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 781518
Ion Ratio Lower Upper
117 100
82 57.7 45.8 68.8
119 32.2 25.8 38.6

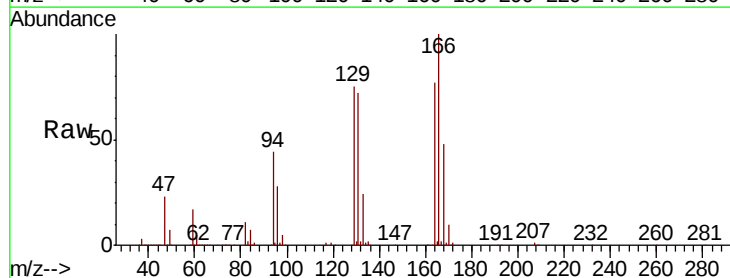


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

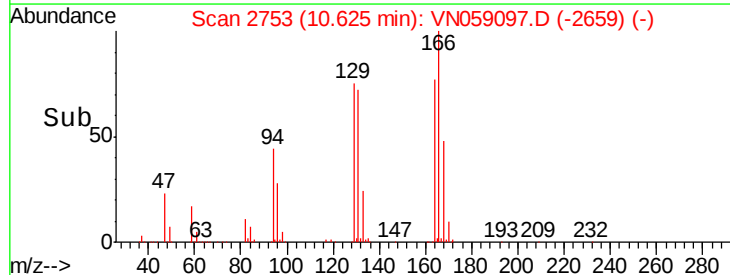
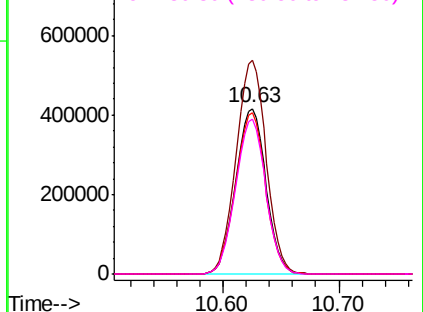


#64
Tetrachloroethene
Concen: 137.557 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion:164 Resp: 750475
Ion Ratio Lower Upper
164 100
166 129.2 101.5 152.3
129 97.3 78.3 117.5
131 93.3 75.9 113.9



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

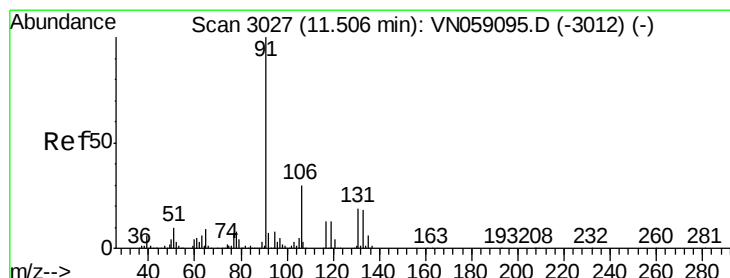
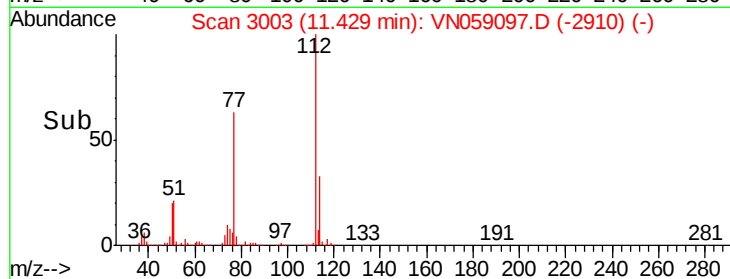
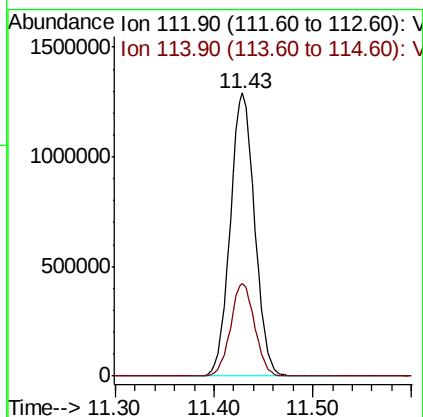
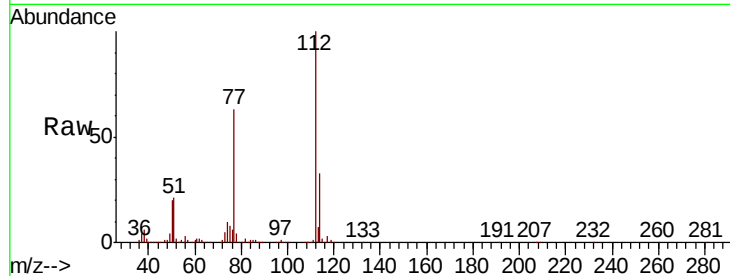




#65
Chlorobenzene
Concen: 139.482 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

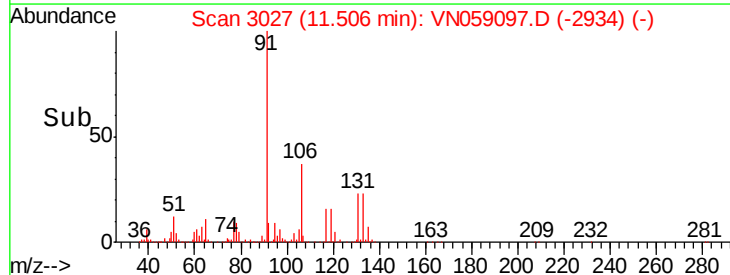
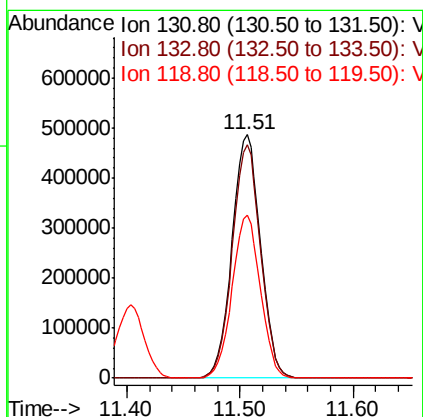
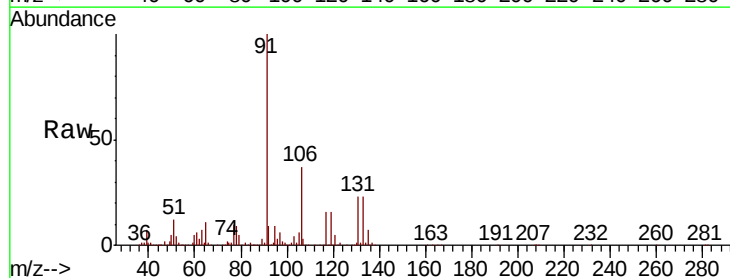
Instrument :
MSVOA_N
ClientSampled :

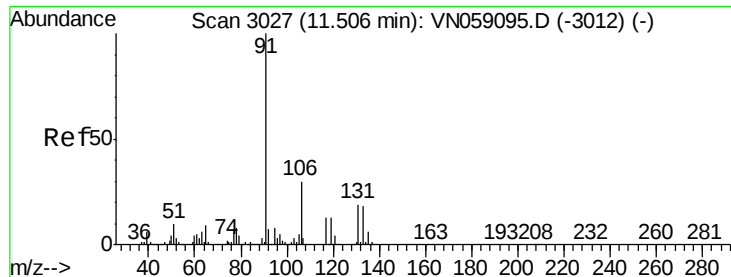
Tot Ion:112 Resp: 2229276
Ion Ratio Lower Upper
112 100
114 32.9 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 144.533 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion:131 Resp: 851179
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.4 33.2 99.6

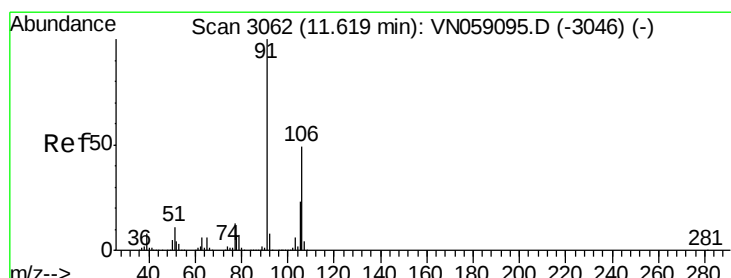
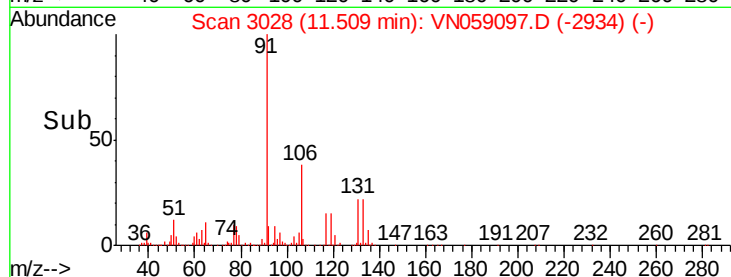
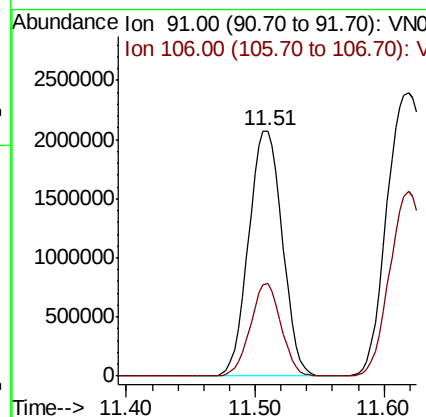
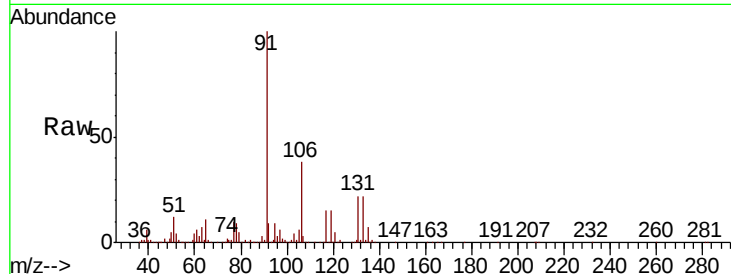




#67
Ethyl Benzene
Concen: 136.344 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

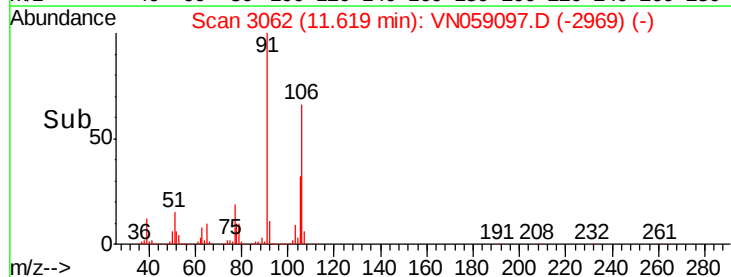
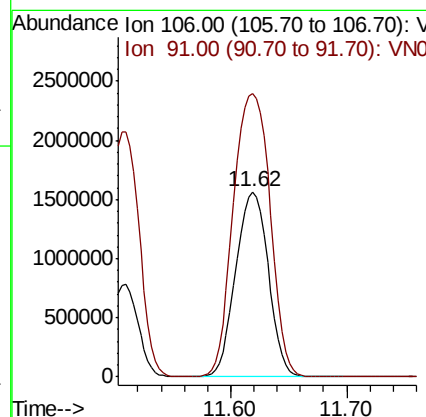
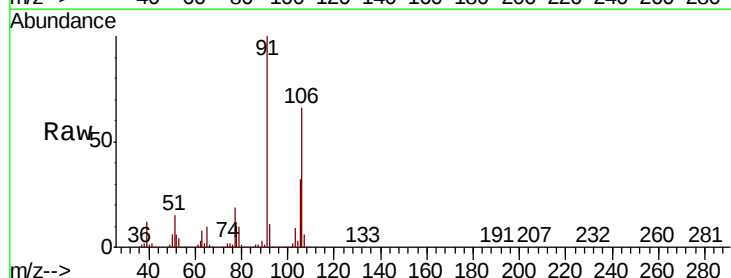
Instrument :
MSVOA_N
ClientSampled :

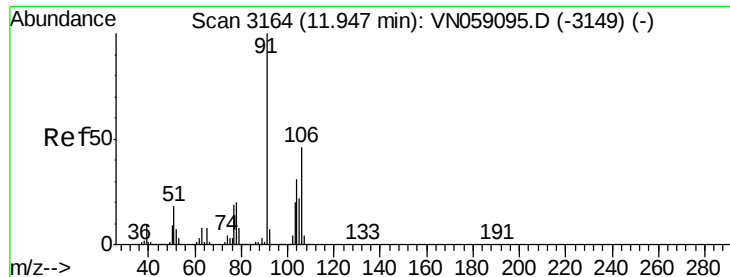
Tot Ion: 91 Resp: 3770915
Ion Ratio Lower Upper
91 100
106 37.5 24.1 36.1#



#68
m/p-Xylenes
Concen: 294.873 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 106 Resp: 3049760
Ion Ratio Lower Upper
106 100
91 173.3 164.7 247.1

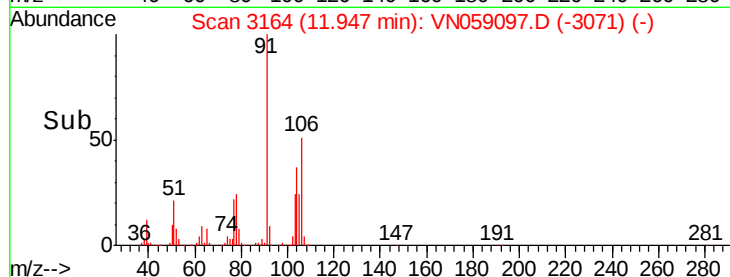
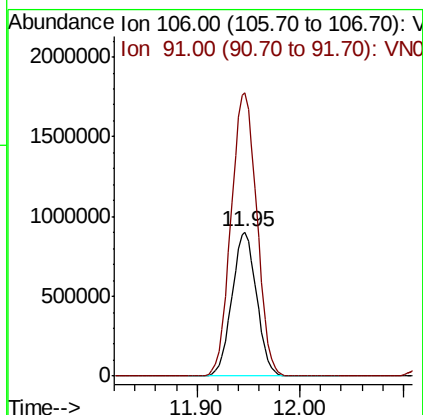
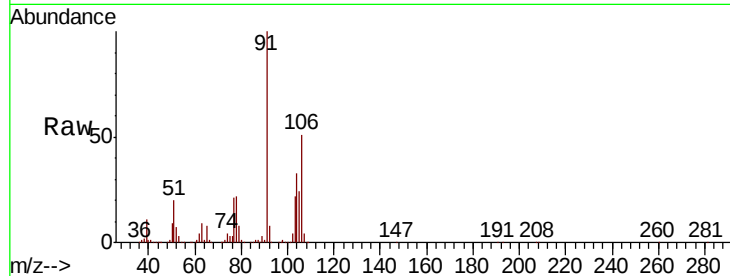




#69
o-Xylene
Concen: 152.337 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

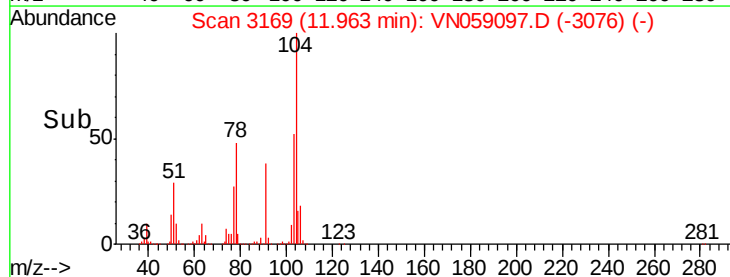
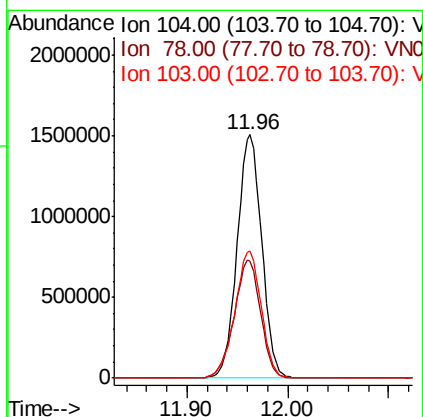
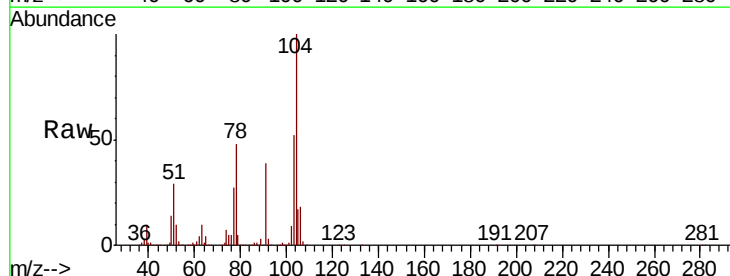
Instrument :
MSVOA_N
ClientSampled :

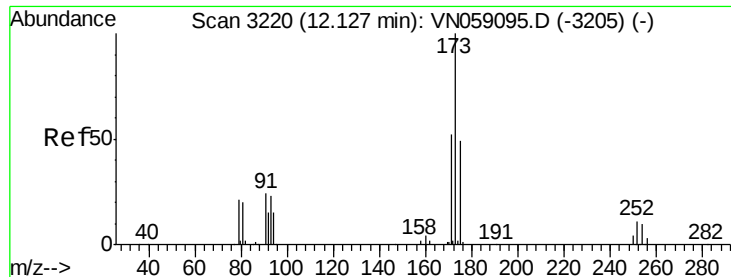
Tot Ion:106 Resp: 1503333
Ion Ratio Lower Upper
106 100
91 205.5 110.1 330.3



#70
Styrene
Concen: 159.193 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion:104 Resp: 2540971
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 56.0 43.8 65.6

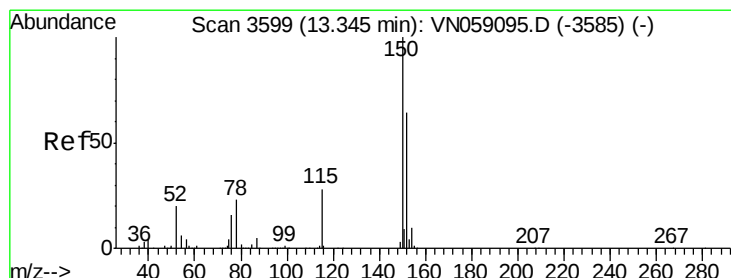
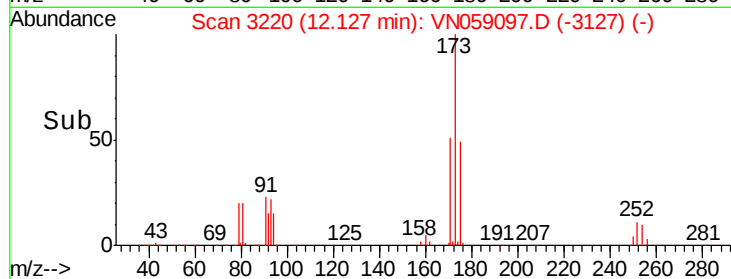
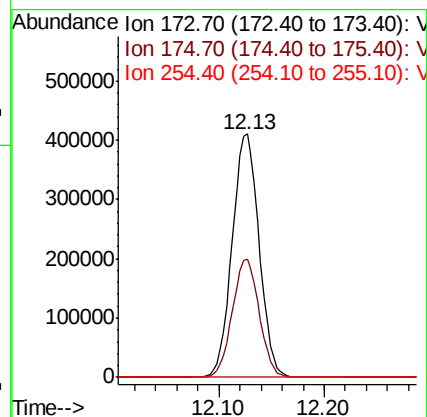
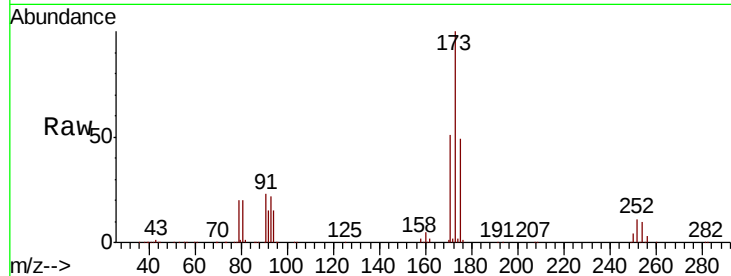




#71
Bromoform
Concen: 158.710 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

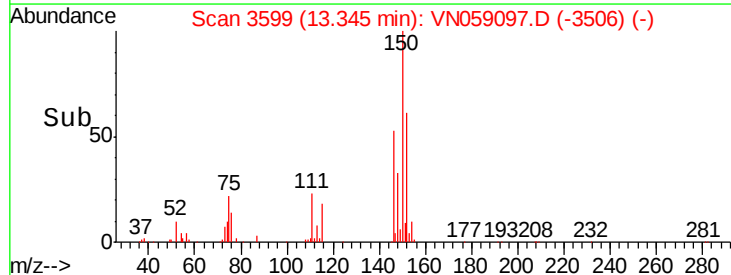
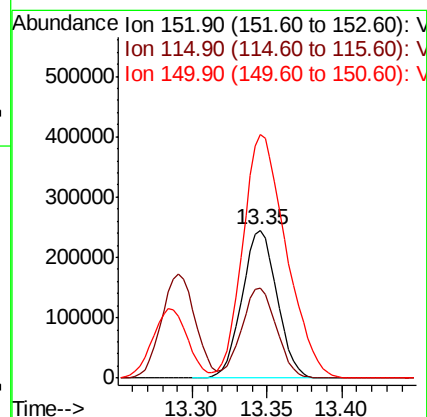
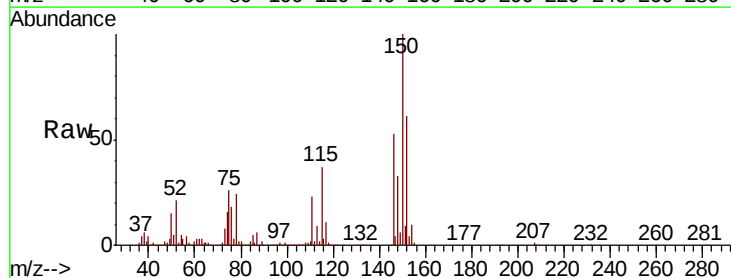
Instrument :
MSVOA_N
ClientSampled :

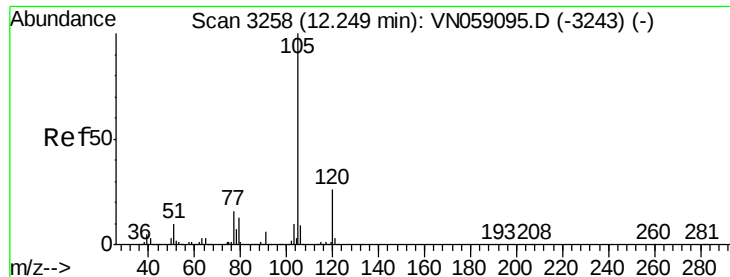
Tot Ion:173 Resp: 722612
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion:152 Resp: 399261
Ion Ratio Lower Upper
152 100
115 60.7 29.4 88.2
150 203.5 0.0 345.8





#73

Isopropylbenzene

Concen: 125.416 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

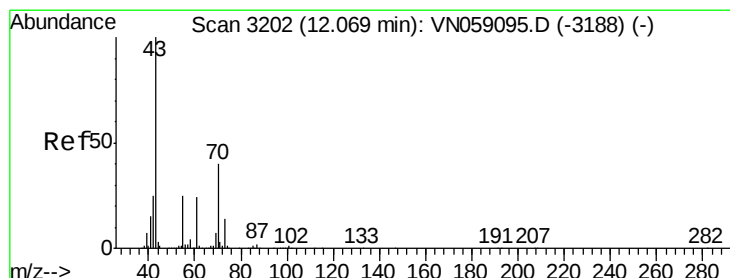
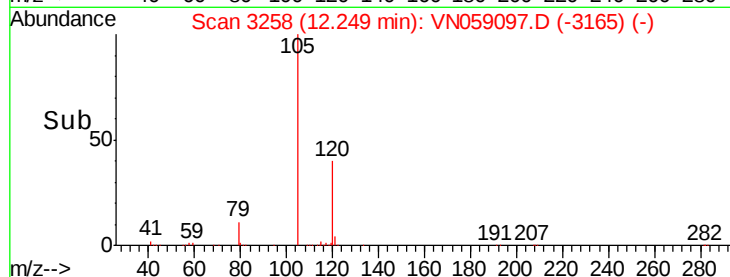
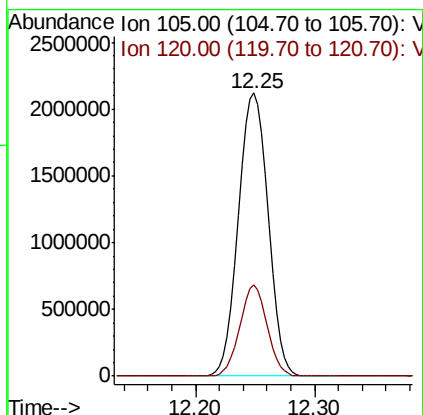
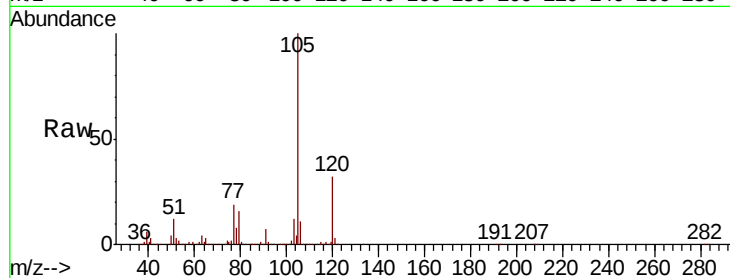
ClientSampled :

Tot Ion:105 Resp: 3675146

Ion Ratio Lower Upper

105 100

120 29.5 13.1 39.3



#74

N-ethyl acetate

Concen: 149.997 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion: 43 Resp: 1945371

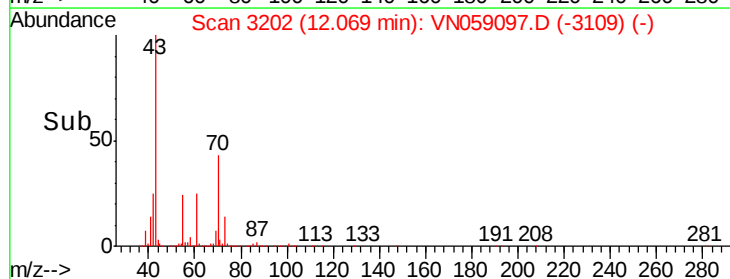
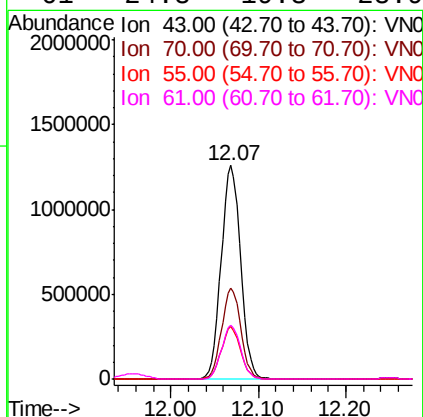
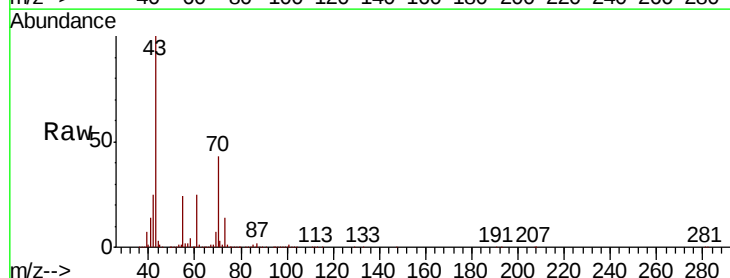
Ion Ratio Lower Upper

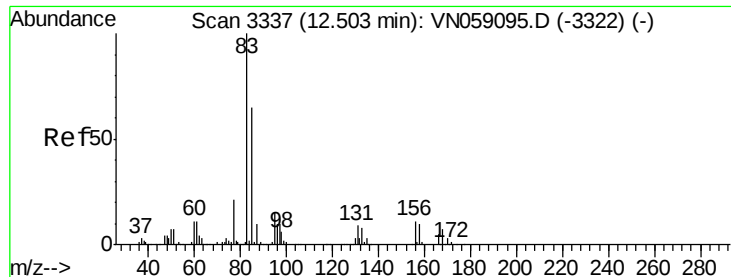
43 100

70 42.0 32.2 48.4

55 24.2 20.4 30.6

61 24.8 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 130.629 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampled :

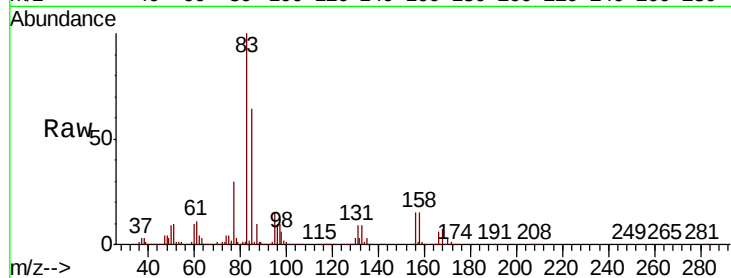
Tot Ion: 83 Resp: 1363833

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.6

85 64.0 32.4 97.2

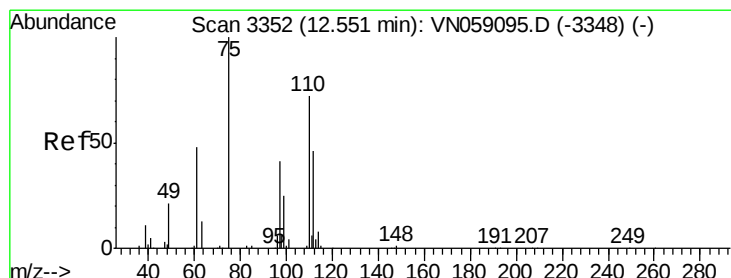
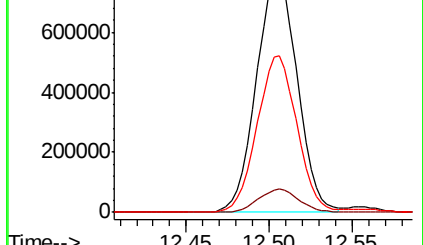
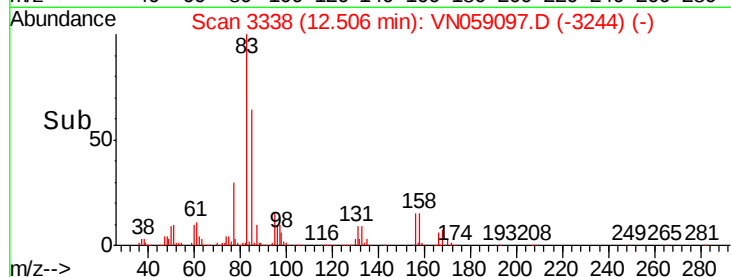


Abundance Ion 82.90 (82.60 to 83.60): VN059095.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059095.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059095.D (-3322) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 199.670 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059097.D

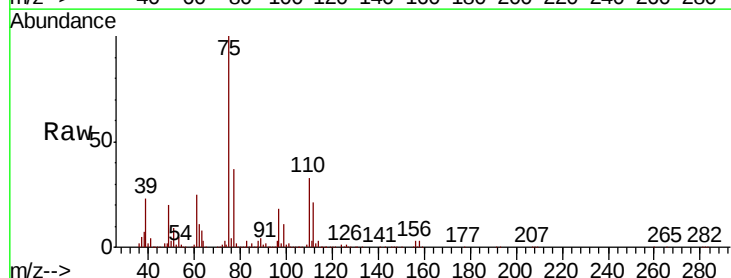
Acq: 6 Nov 2019 10:45

Tgt Ion: 75 Resp: 1863104

Ion Ratio Lower Upper

75 100

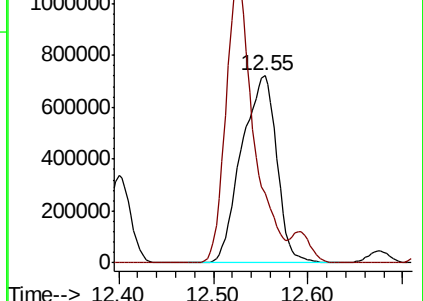
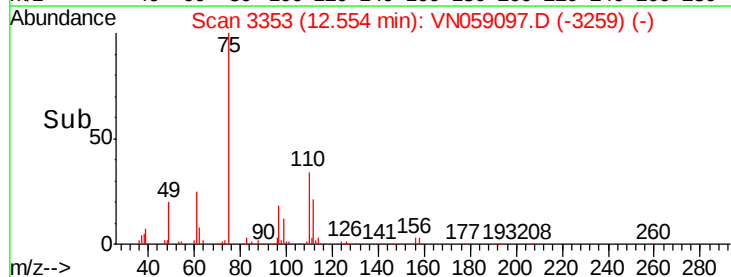
77 0.0 0.0 0.0

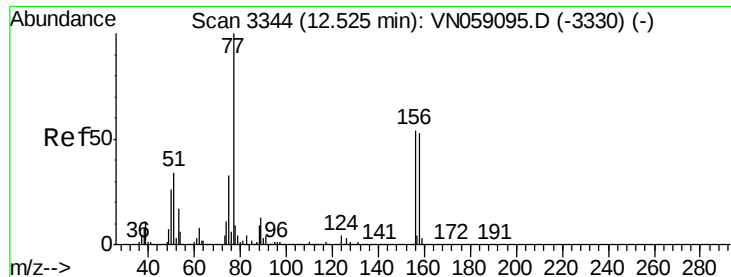


Abundance Ion 74.90 (74.60 to 75.60): VN059095.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN059095.D (-3348) (-)

Time-->





#77

Bromobenzene

Concen: 135.245 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampled :

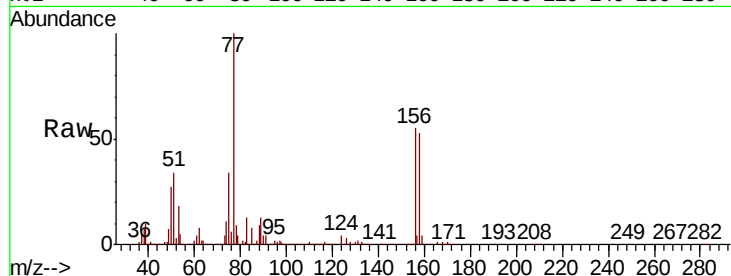
Tot Ion:156 Resp: 994377

Ion Ratio Lower Upper

156 100

77 226.7 112.8 338.3

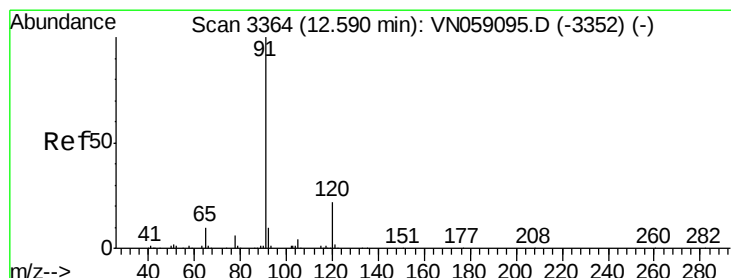
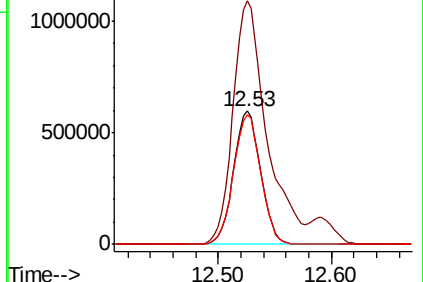
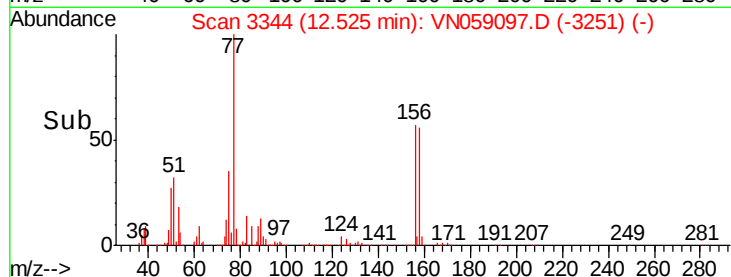
158 97.6 48.4 145.3



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: 123.858 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059097.D

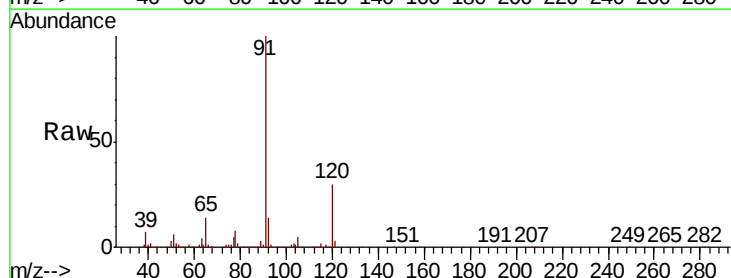
Acq: 6 Nov 2019 10:45

Tgt Ion: 91 Resp: 4194596

Ion Ratio Lower Upper

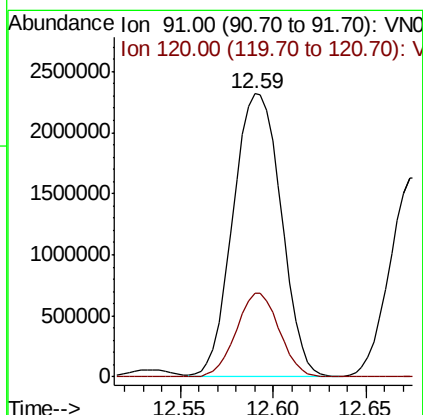
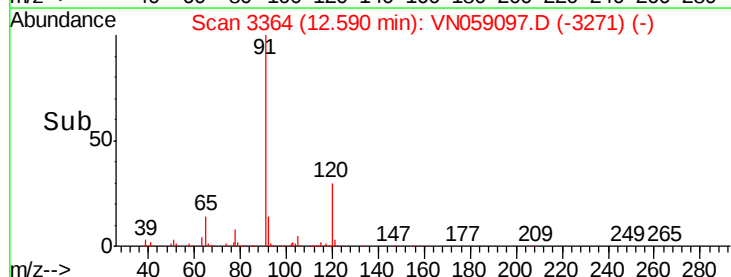
91 100

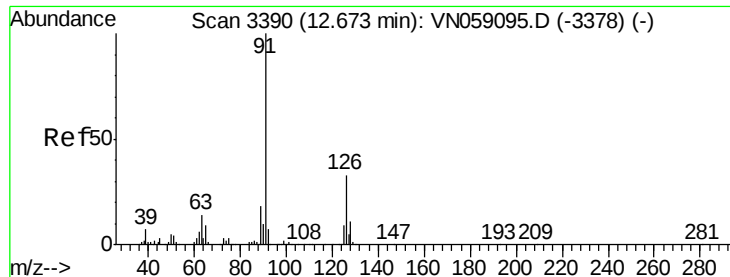
120 26.4 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

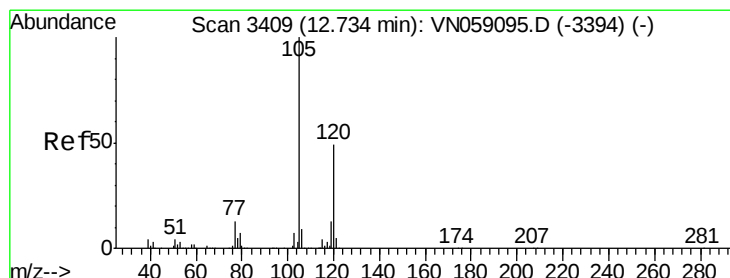
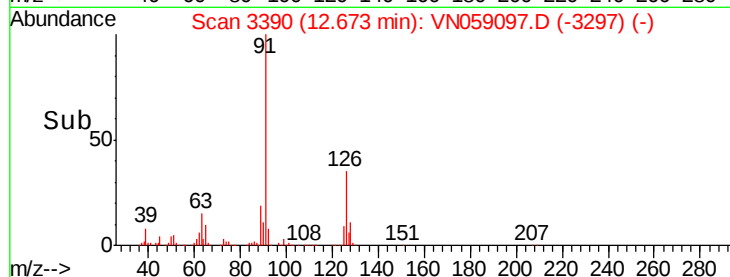
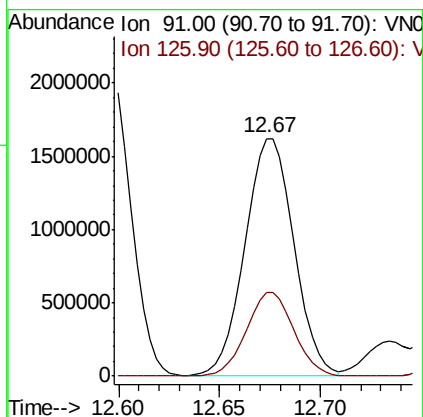
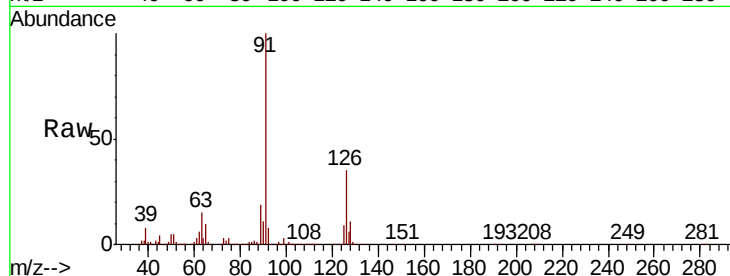




#79
 2-Chlorotoluene
 Concen: 131.115 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

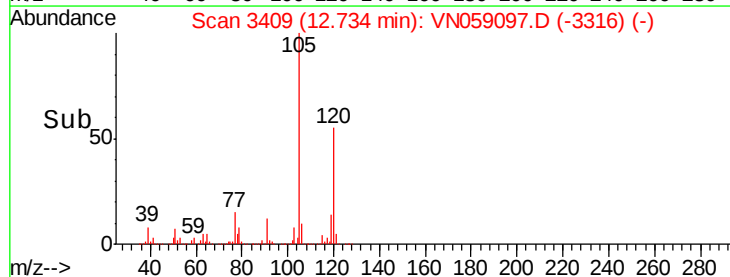
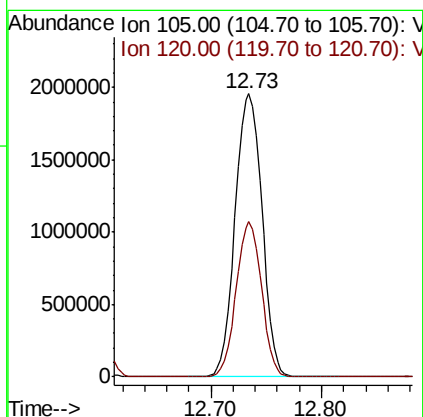
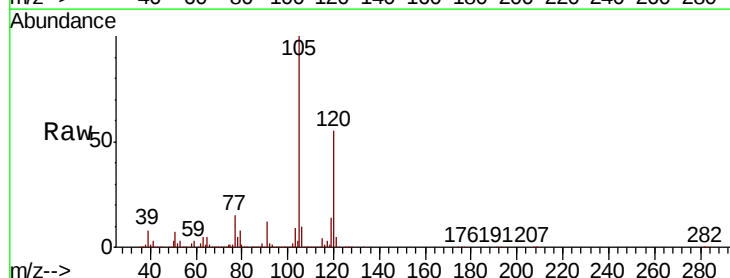
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 2757298
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 132.454 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

Tgt Ion:105 Resp: 3300880
 Ion Ratio Lower Upper
 105 100
 120 51.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 146.729 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

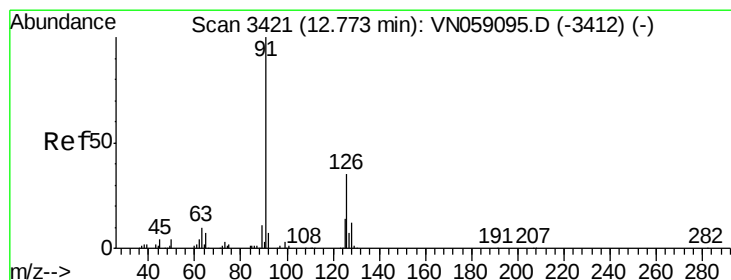
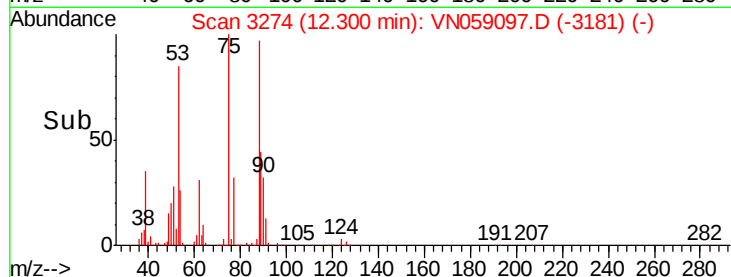
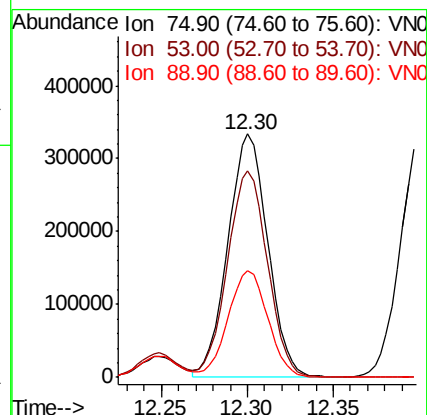
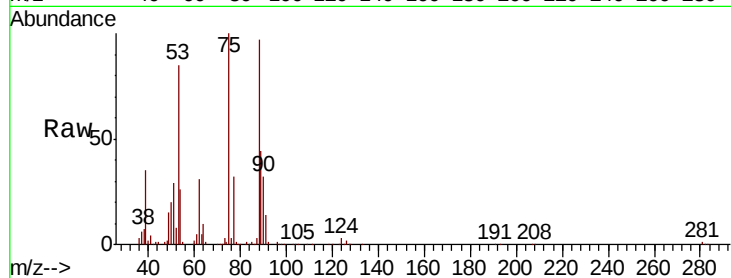
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 533853

Ion	Ratio	Lower	Upper
75	100		
53	86.2	72.2	108.2
89	44.0	35.8	53.8



#82

4-Chlorotoluene

Concen: 134.641 ug/l

RT: 12.77 min Scan# 3421

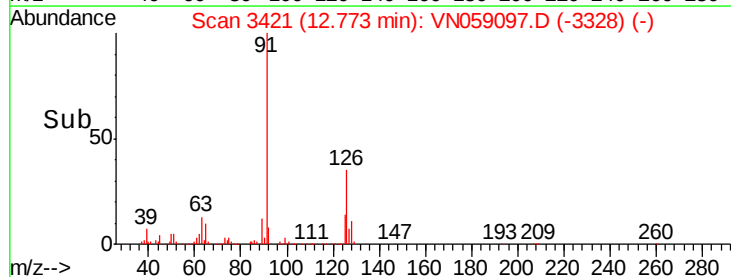
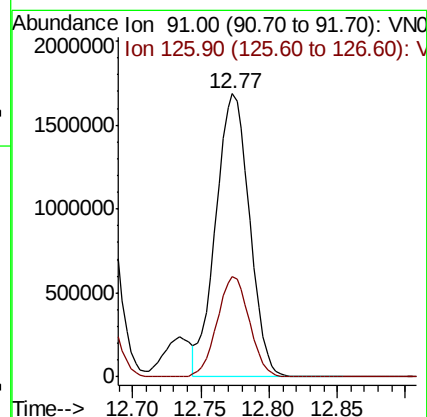
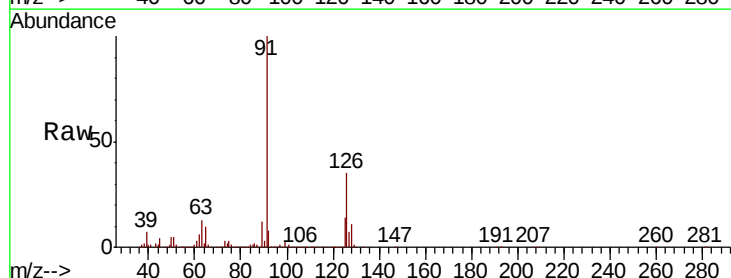
Delta R.T. -0.00 min

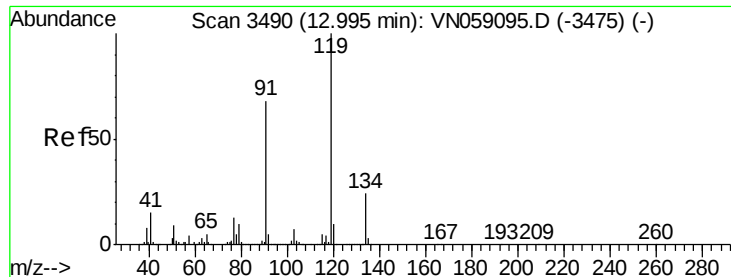
Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion: 91 Resp: 2892400

Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.1	48.2





#83

tert-Butylbenzene

Concen: 136.044 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampled :

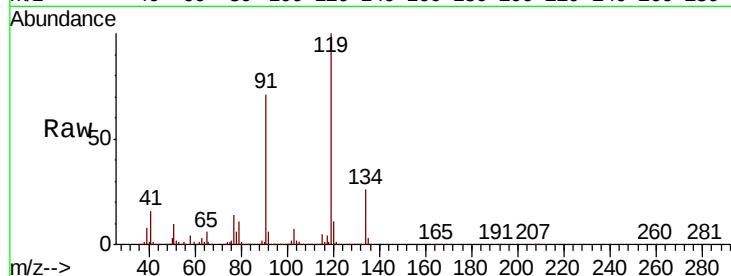
Tot Ion:119 Resp: 2888409

Ion Ratio Lower Upper

119 100

91 67.7 33.2 99.6

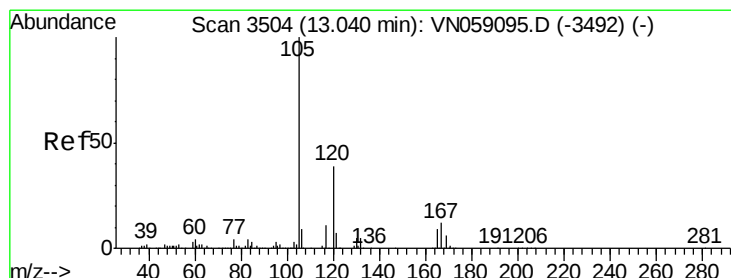
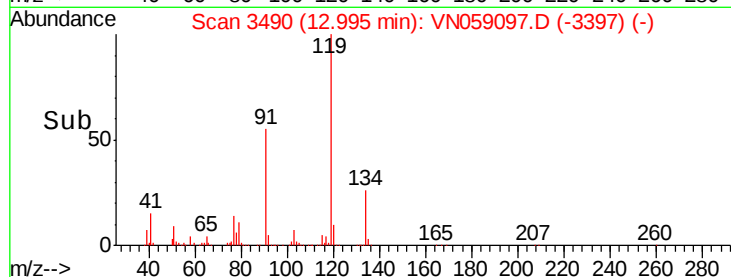
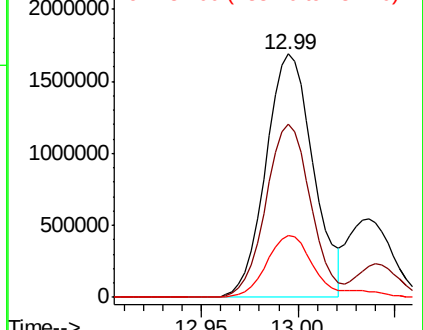
134 26.4 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 136.013 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN059097.D

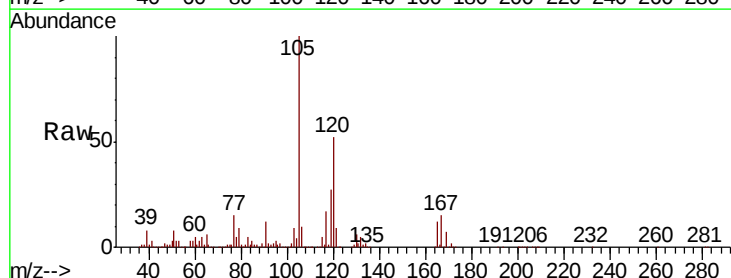
Acq: 6 Nov 2019 10:45

Tgt Ion:105 Resp: 3282156

Ion Ratio Lower Upper

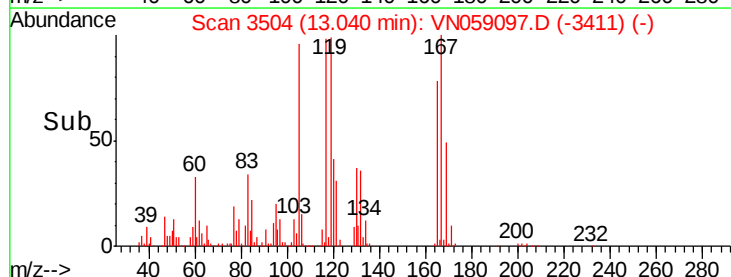
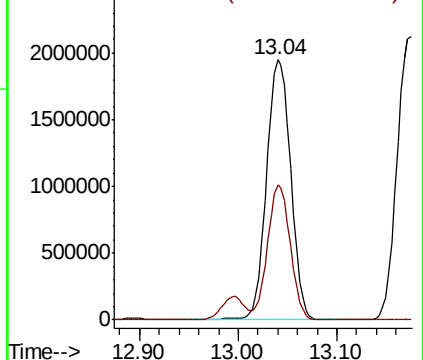
105 100

120 48.7 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 133.020 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

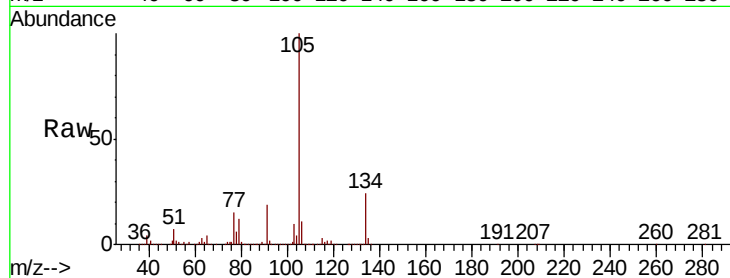
ClientSampled :

Tot Ion:105 Resp: 3692150

Ion Ratio Lower Upper

105 100

134 21.8 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500000

2000000

1500000

1000000

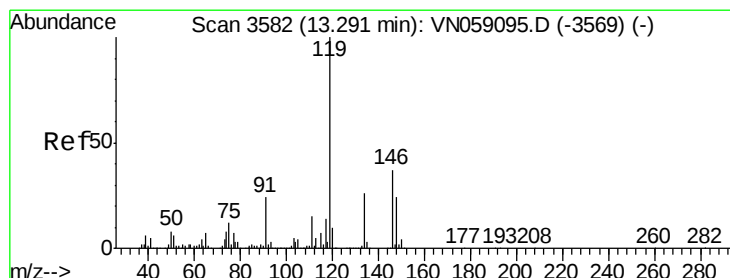
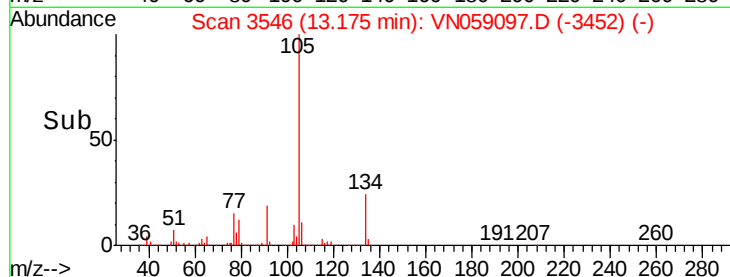
500000

0

13.10

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 135.723 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

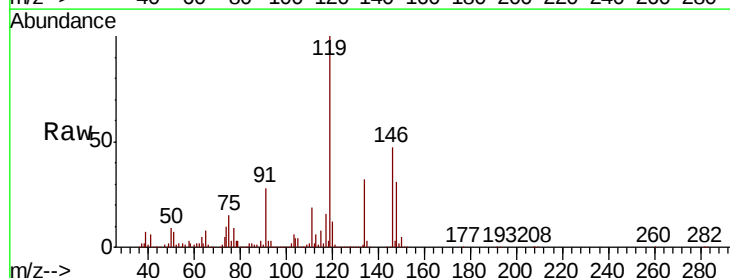
Tgt Ion:119 Resp: 3392695

Ion Ratio Lower Upper

119 100

134 29.1 13.0 38.9

91 26.1 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

2500000

2000000

1500000

1000000

500000

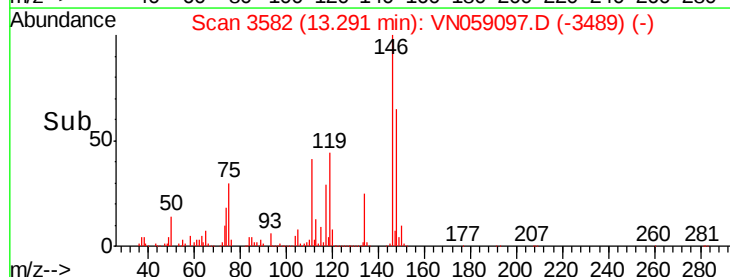
0

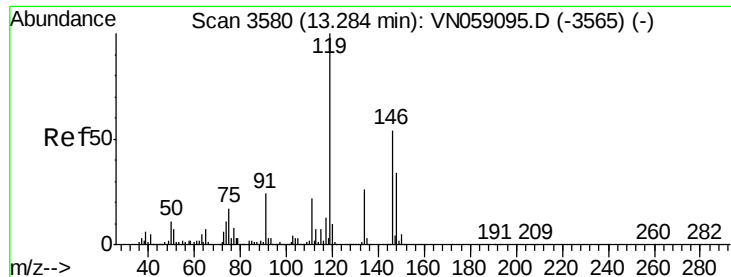
13.25

13.30

13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 140.141 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

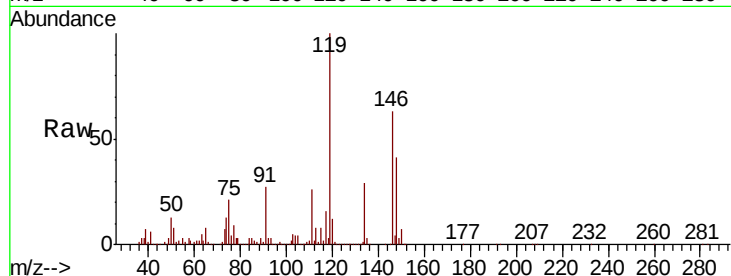
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 1823858

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	64.4	32.2	96.6

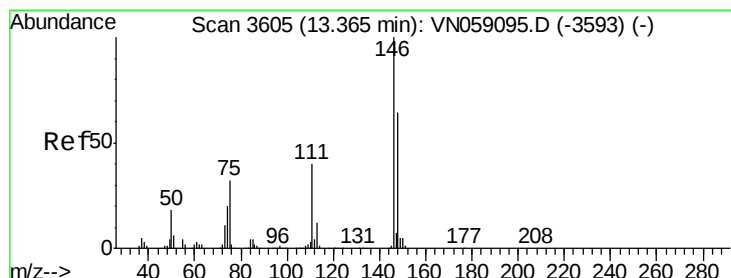
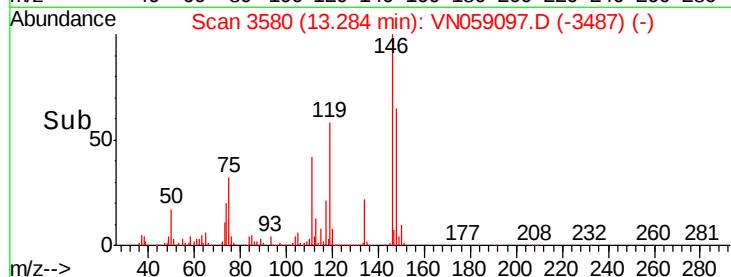
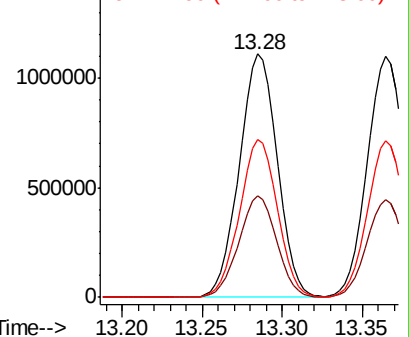


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 141.844 ug/l

RT: 13.36 min Scan# 3605

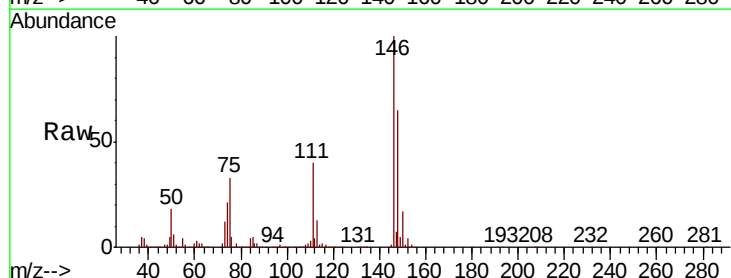
Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Tgt Ion:146 Resp: 1824087

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	64.6	31.9	95.7

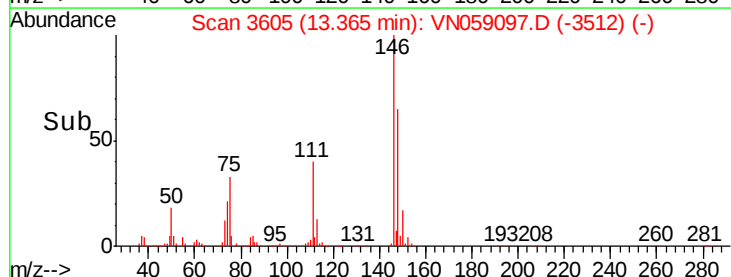
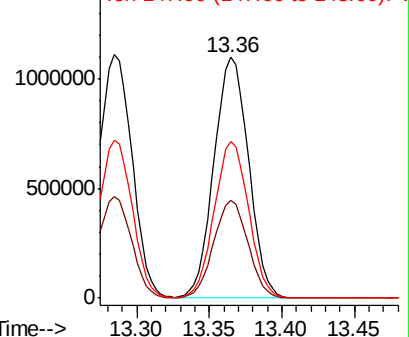


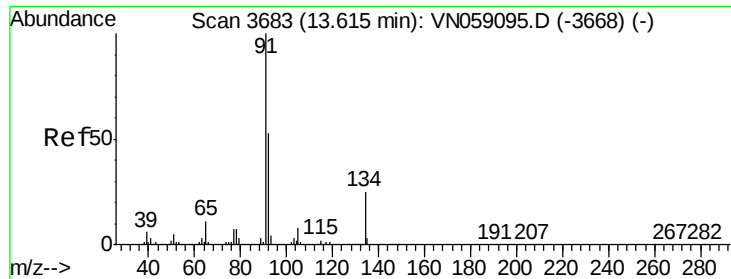
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

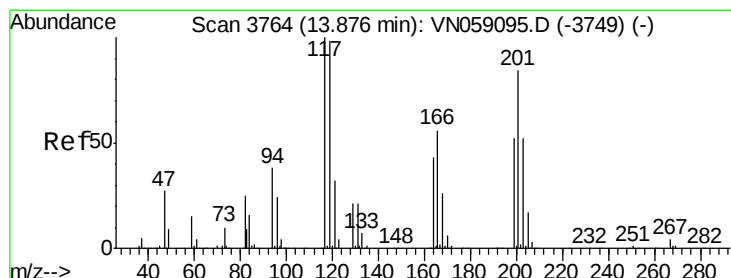
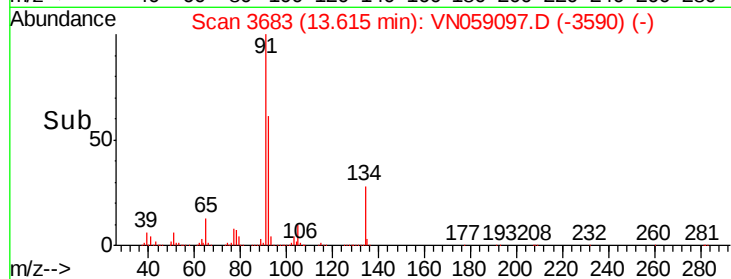
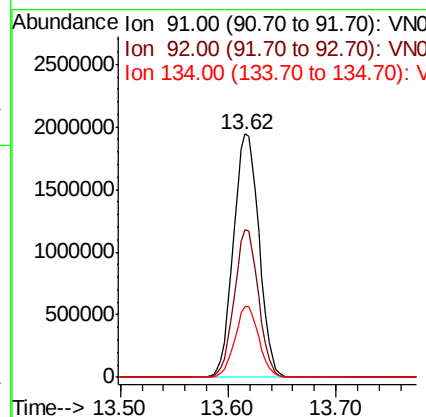
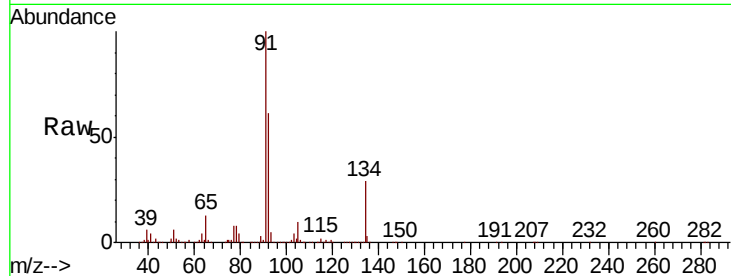




#89
n-Butylbenzene
Concen: 147.774 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

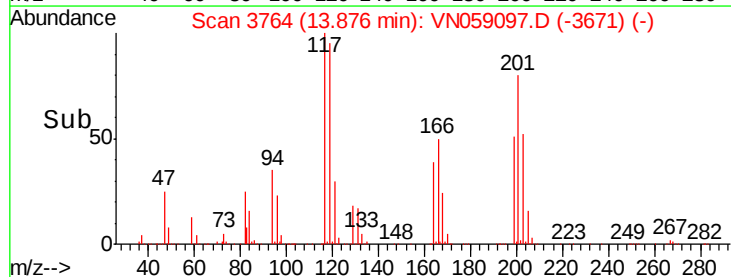
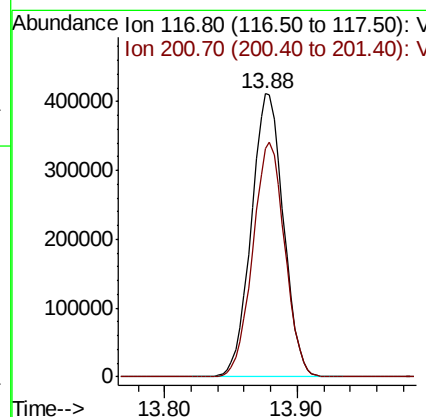
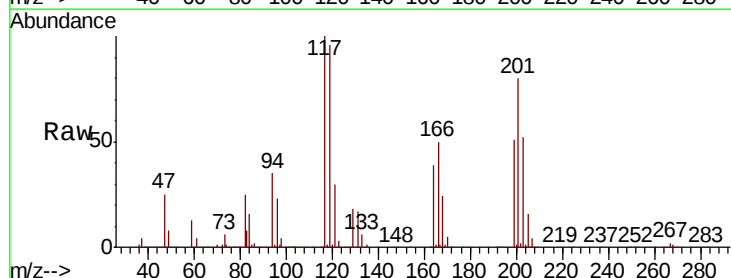
Instrument :
MSVOA_N
ClientSampled :

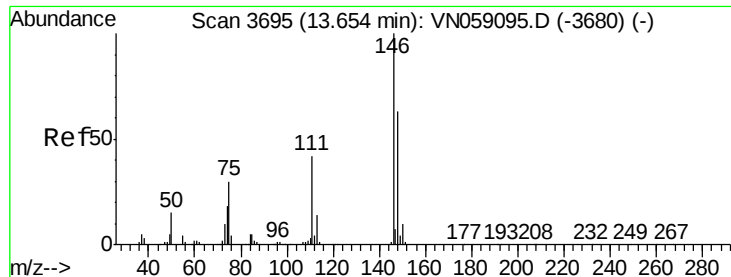
Tot Ion: 91 Resp: 3207427
Ion Ratio Lower Upper
91 100
92 57.4 26.1 78.3
134 27.6 12.6 37.8



#90
Hexachloroethane
Concen: 139.503 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion: 117 Resp: 692150
Ion Ratio Lower Upper
117 100
201 82.4 41.8 125.3





#91

1,2-Dichlorobenzene

Concen: 136.682 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

Instrument :

MSVOA_N

ClientSampled :

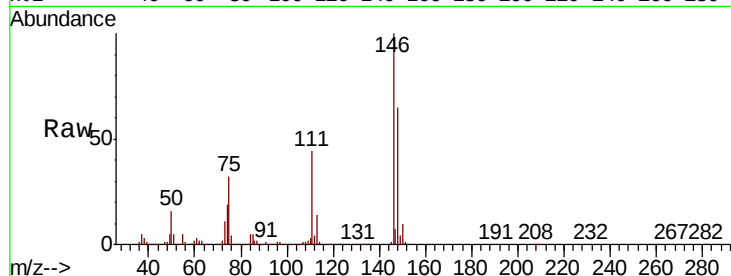
Tot Ion:146 Resp: 1774453

Ion Ratio Lower Upper

146 100

111 42.8 21.2 63.6

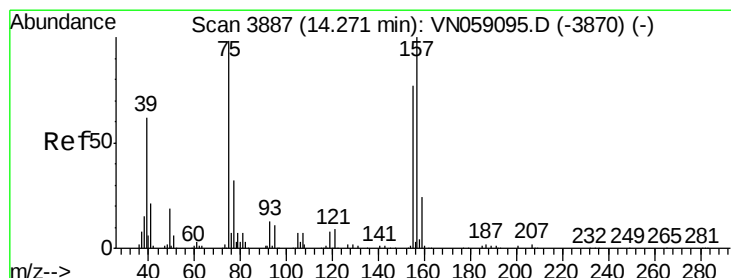
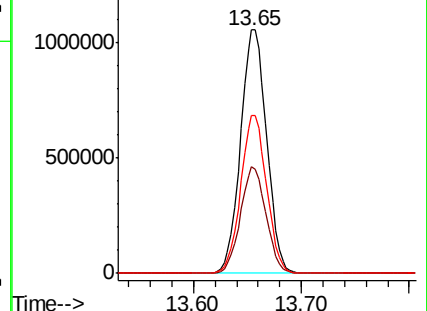
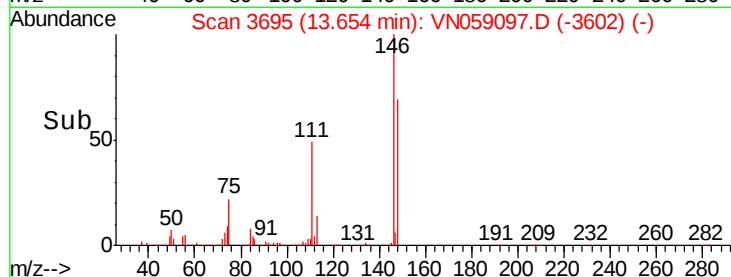
148 64.2 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 132.432 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059097.D

Acq: 6 Nov 2019 10:45

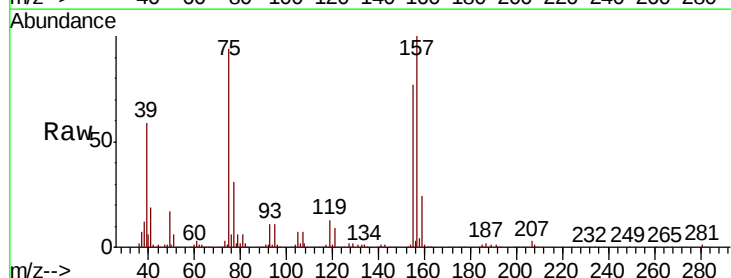
Tgt Ion: 75 Resp: 298100

Ion Ratio Lower Upper

75 100

155 81.1 40.2 120.6

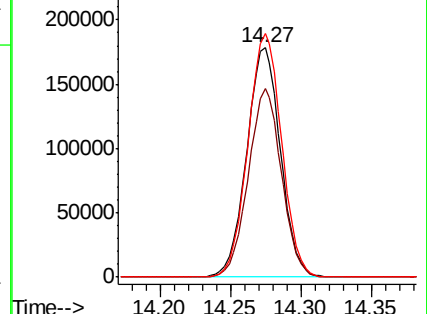
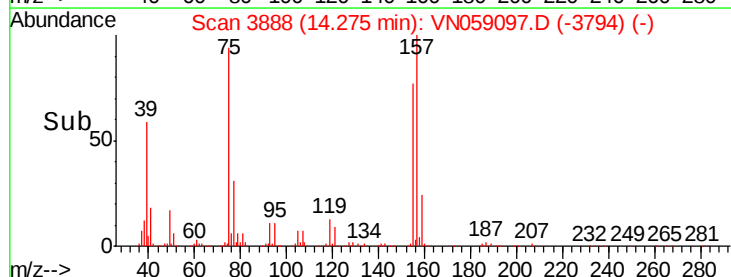
157 106.4 51.8 155.5



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



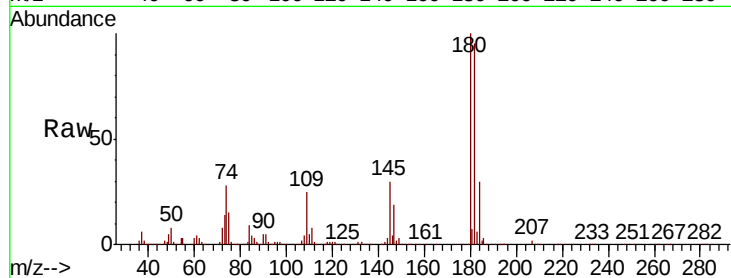


#93
 1,2,4-Trichlorobenzene
 Concen: 170.310 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

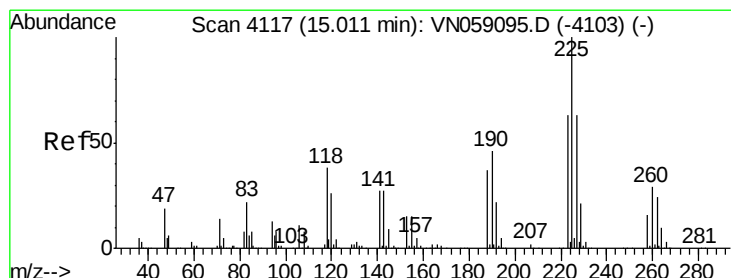
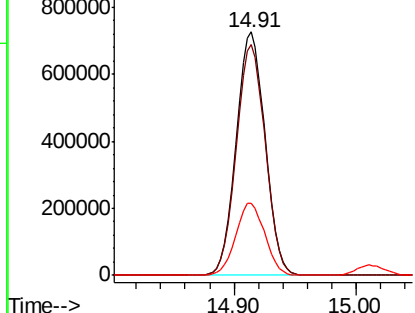
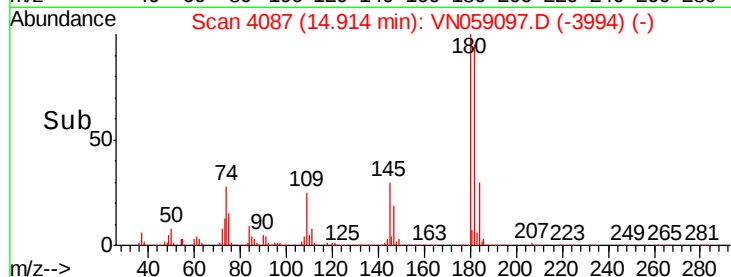
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 1185626

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.1	144.3
145	29.9	15.1	45.3



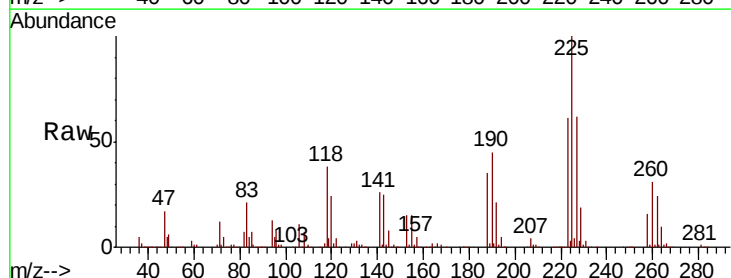
Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V



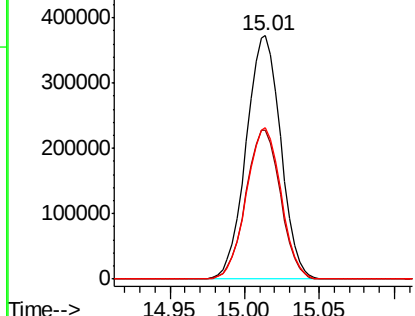
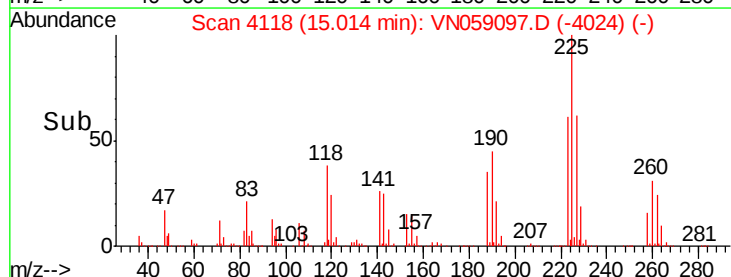
#94
 Hexachlorobutadiene
 Concen: 142.249 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059097.D
 Acq: 6 Nov 2019 10:45

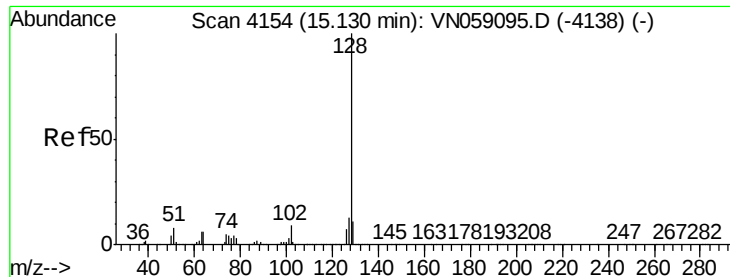
Tgt Ion:225 Resp: 598326

Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.3	93.9
227	62.5	31.5	94.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

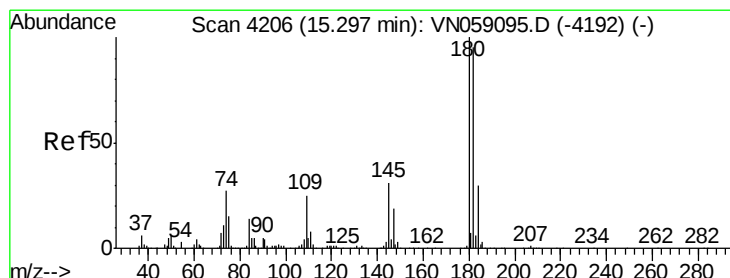
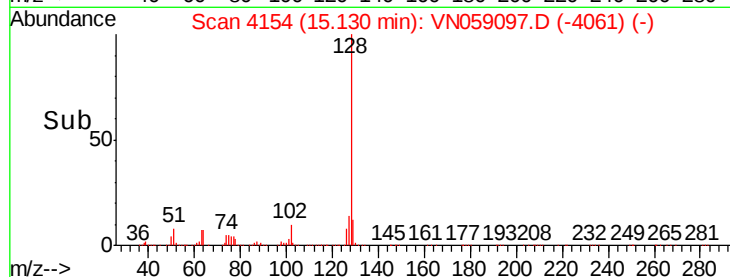
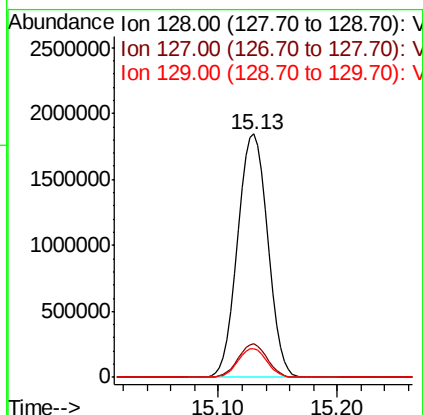
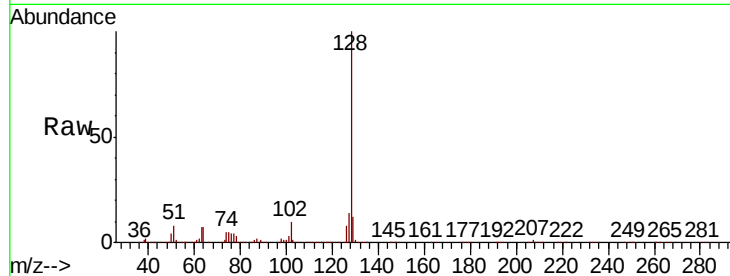




#95
Naphthalene
Concen: 170.061 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 3243460
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 11.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 162.968 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059097.D
Acq: 6 Nov 2019 10:45

Tgt Ion:180 Resp: 1160258
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 31.7 15.8 47.3

