

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112119\
 Data File : VN059334.D
 Acq On : 21 Nov 2019 14:44
 Operator : JC/SP
 Sample : VN1121MBS02
 Misc : 3.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 06:00:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	396115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	626322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	552163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246215	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	220647	46.43	ug/l	0.00
Spiked Amount			Recovery	=	92.86%	
35) Dibromofluoromethane	7.57	113	176672	47.02	ug/l	0.00
Spiked Amount			Recovery	=	94.04%	
50) Toluene-d8	10.08	98	701890	46.99	ug/l	0.00
Spiked Amount			Recovery	=	93.98%	
62) 4-Bromofluorobenzene	12.40	95	242802	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	83831	16.531	ug/l	100
3) Chloromethane	2.04	50	101280	16.303	ug/l	97
4) Vinyl Chloride	2.17	62	106012	16.574	ug/l	100
5) Bromomethane	2.55	94	59338	16.710	ug/l	97
6) Chloroethane	2.68	64	55204	15.814	ug/l	98
7) Trichlorofluoromethane	3.00	101	108581	15.764	ug/l	98
8) Diethyl Ether	3.39	74	45920	16.308	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	67170	15.948	ug/l	98
10) Methyl Iodide	3.93	142	84705	16.182	ug/l	100
11) Tert butyl alcohol	4.75	59	74758	78.563	ug/l	100
12) 1,1-Dichloroethene	3.72	96	68733	16.077	ug/l	99
13) Acrolein	3.58	56	71704	82.548	ug/l	100
14) Allyl chloride	4.29	41	129623	16.230	ug/l	99
15) Acrylonitrile	4.96	53	201533	80.102	ug/l	99
16) Acetone	3.79	43	201996	94.788	ug/l	98
17) Carbon Disulfide	4.03	76	215691	16.193	ug/l	99
18) Methyl Acetate	4.30	43	117437	16.605	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	224072	16.227	ug/l	99
20) Methylene Chloride	4.52	84	77999	16.229	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	72347	15.967	ug/l	96
22) Diisopropyl ether	5.92	45	241330	16.049	ug/l	95
23) Vinyl Acetate	5.87	43	962039	81.357	ug/l	99
24) 1,1-Dichloroethane	5.82	63	139343	16.463	ug/l	99
25) 2-Butanone	6.81	43	277494	83.740	ug/l	98
26) 2,2-Dichloropropane	6.80	77	117570	16.042	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	82605	16.159	ug/l	100
28) Bromochloromethane	7.17	49	44432	14.633	ug/l	97
29) Tetrahydrofuran	7.19	42	180057	78.582	ug/l	99
30) Chloroform	7.35	83	134502	16.283	ug/l	98
31) Cyclohexane	7.64	56	134099	16.024	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	113902	16.140	ug/l	100
36) 1,1-Dichloropropene	7.77	75	102458	15.846	ug/l	99
37) Ethyl Acetate	6.91	43	108077	15.553	ug/l	98
38) Carbon Tetrachloride	7.75	117	98781	15.958	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	125260	16.065	ug/l	98
40) Benzene	8.02	78	309545	16.311	ug/l	100
41) Methacrylonitrile	7.19	41	157750	51.137	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	102678	16.360	ug/l	99
43) Isopropyl Acetate	8.15	43	165385	15.573	ug/l #	92
44) Trichloroethene	8.82	130	76642	15.935	ug/l	99
45) 1,2-Dichloropropane	9.10	63	81290	16.064	ug/l	98
46) Dibromomethane	9.20	93	50707	16.336	ug/l	99
47) Bromodichloromethane	9.39	83	99186	15.956	ug/l	100
48) Methyl methacrylate	9.19	41	72615	15.036	ug/l	97
49) 1,4-Dioxane	9.19	88	23726	326.884	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	520175	83.681	ug/l	100
52) Toluene	10.15	92	184879	16.202	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	113491	15.705	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	127039	16.201	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	73466	16.559	ug/l	96
56) Ethyl methacrylate	10.42	69	105091	15.603	ug/l	99
57) 1,3-Dichloropropane	10.70	76	125552	16.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	181280	82.689	ug/l	100
59) 2-Hexanone	10.75	43	378911	83.245	ug/l	99
60) Dibromochloromethane	10.90	129	74750	15.989	ug/l	99
61) 1,2-Dibromoethane	11.00	107	74607	16.162	ug/l	100
64) Tetrachloroethene	10.63	164	67543	15.816	ug/l	98
65) Chlorobenzene	11.43	112	189933	15.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	69327	16.073	ug/l	99
67) Ethyl Benzene	11.51	91	345992	16.321	ug/l	100
68) m/p-Xylenes	11.62	106	257897	32.740	ug/l	99
69) o-Xylene	11.95	106	125525	16.646	ug/l	97
70) Styrene	11.96	104	188753	15.863	ug/l	98
71) Bromoform	12.13	173	52105	15.951	ug/l #	99
73) Isopropylbenzene	12.25	105	329374	16.330	ug/l	100
74) N-amyl acetate	12.07	43	123783	15.271	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	108118	16.205	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	141528	24.881	ug/l #	100
77) Bromobenzene	12.53	156	78803	16.108	ug/l	99
78) n-propylbenzene	12.59	91	374270	16.382	ug/l	100
79) 2-Chlorotoluene	12.68	91	223946	15.969	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	277651	16.376	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	35312	15.527	ug/l	96
82) 4-Chlorotoluene	12.77	91	224756	15.488	ug/l	98
83) tert-Butylbenzene	12.99	119	237063	16.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	270805	16.305	ug/l	100
85) sec-Butylbenzene	13.18	105	313294	16.278	ug/l	100
86) p-Isopropyltoluene	13.29	119	280576	16.382	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	137139	15.741	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133611	15.500	ug/l	96
89) n-Butylbenzene	13.62	91	235484	15.674	ug/l	100
90) Hexachloroethane	13.88	117	50031	15.425	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	134190	15.920	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20443	14.412	ug/l	99

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QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

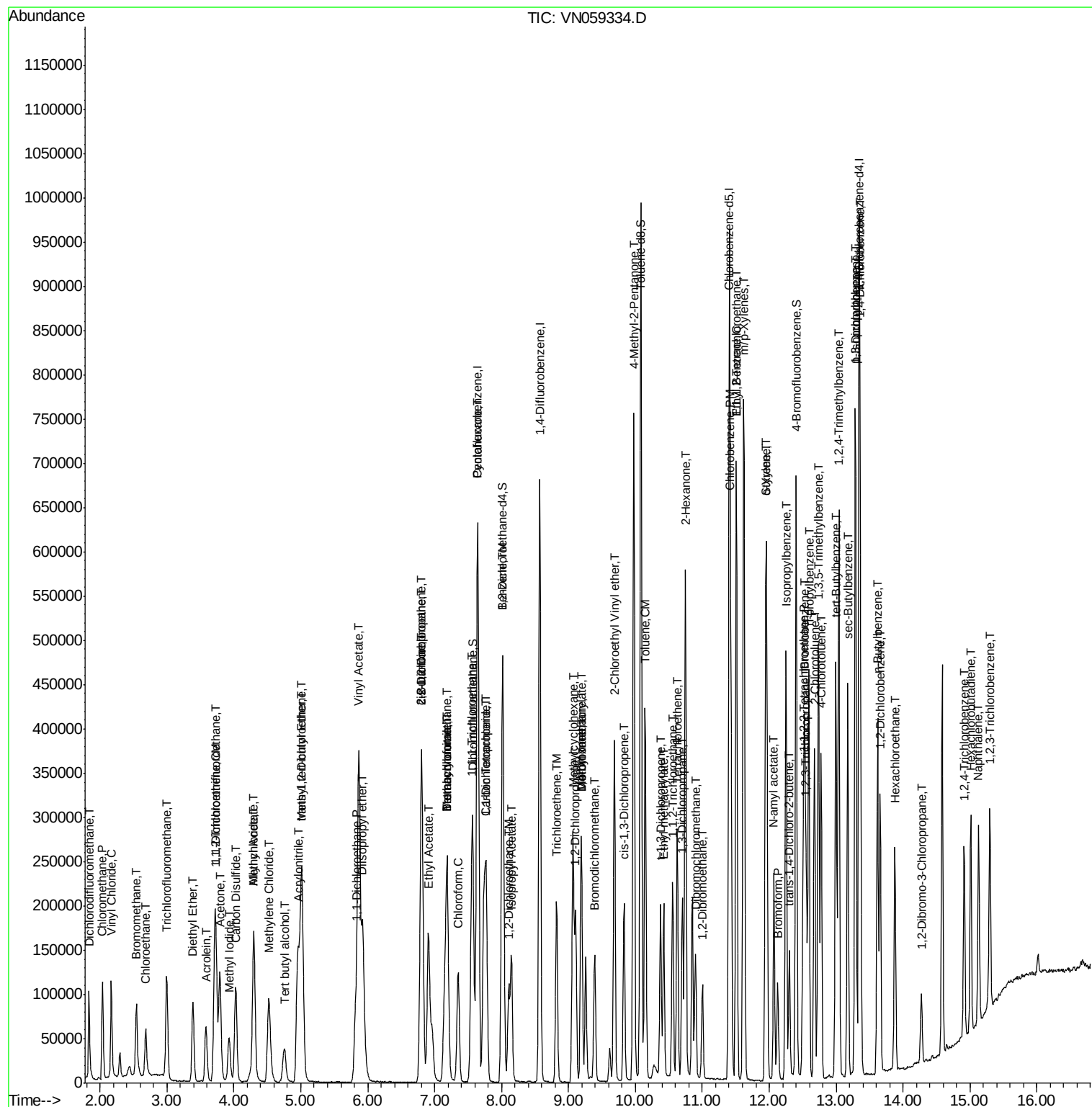
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	70222	15.546	ug/l	98
94) Hexachlorobutadiene	15.01	225	48774	16.061	ug/l	99
95) Naphthalene	15.13	128	181820	14.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	72079	15.377	ug/l	98

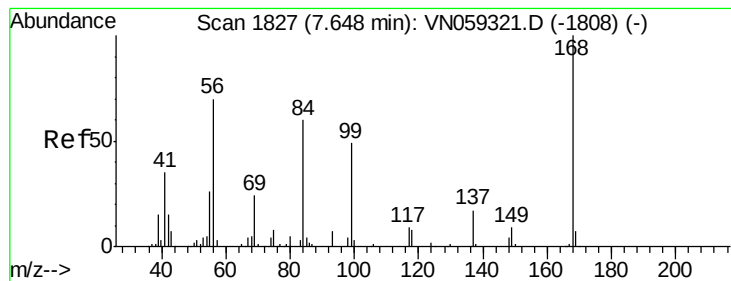
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

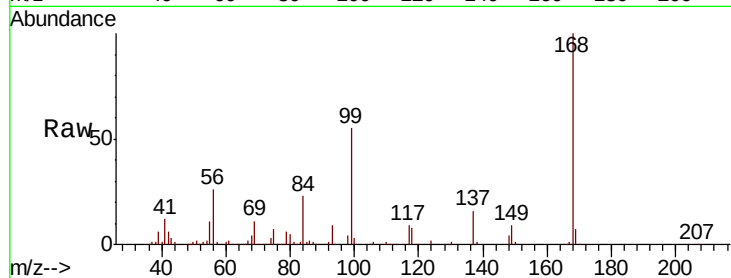
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 396115

Ion Ratio Lower Upper

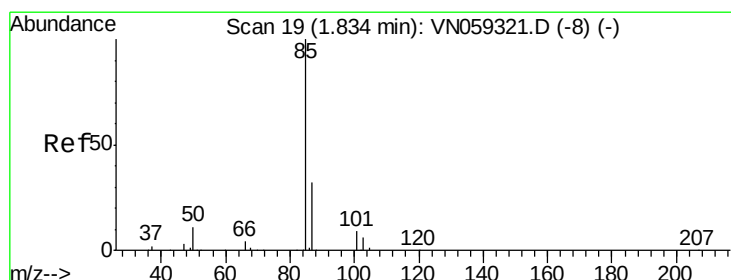
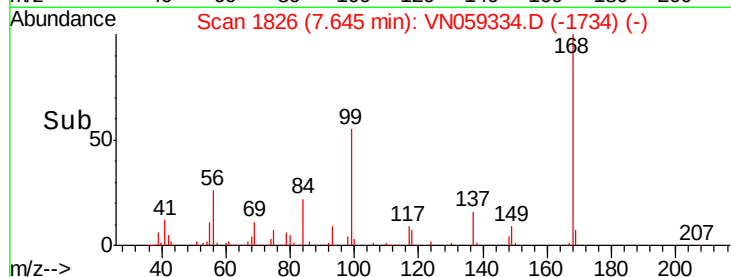
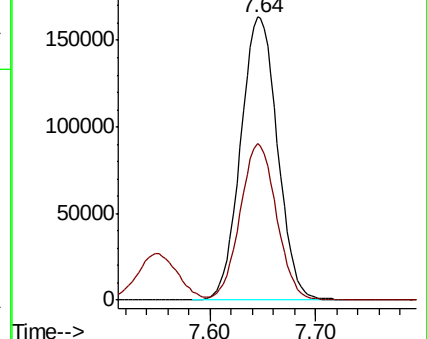
168 100

99 55.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.531 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059334.D

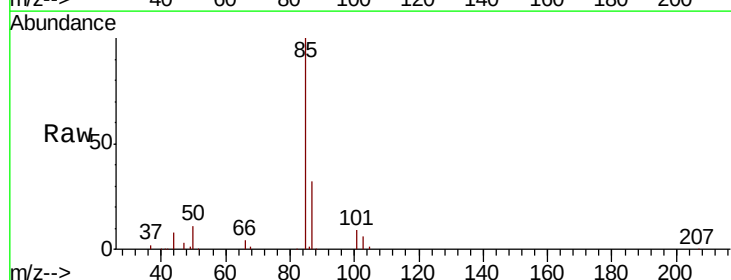
Acq: 21 Nov 2019 14:44

Tgt Ion: 85 Resp: 83831

Ion Ratio Lower Upper

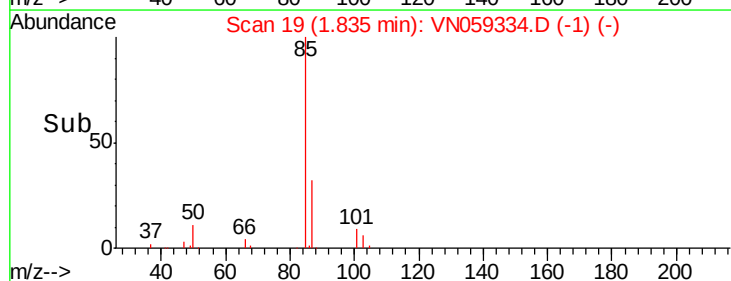
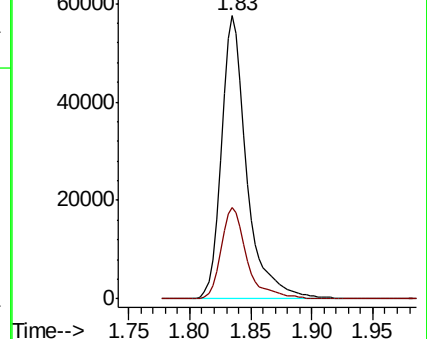
85 100

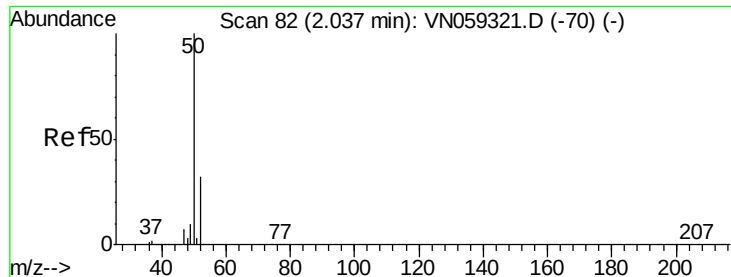
87 32.1 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 16.303 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

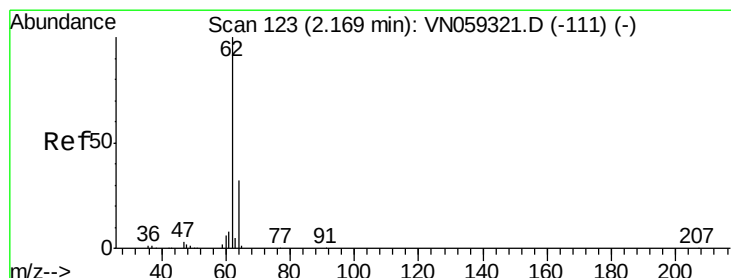
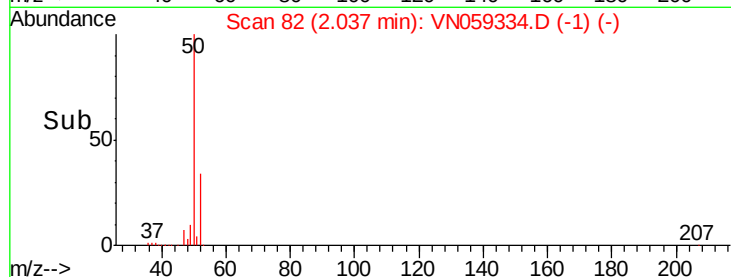
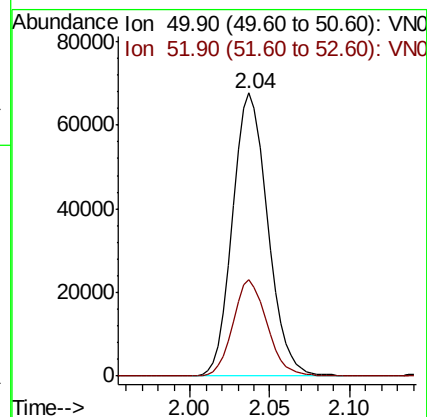
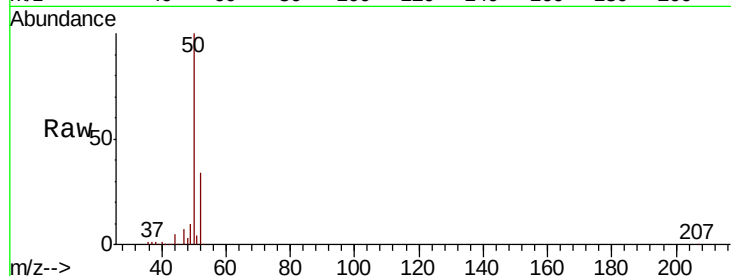
ClientSampleId :

Tot Ion: 50 Resp: 101280

Ion Ratio Lower Upper

50 100

52 33.9 26.0 39.0



#4

Vinyl Chloride

Concen: 16.574 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059334.D

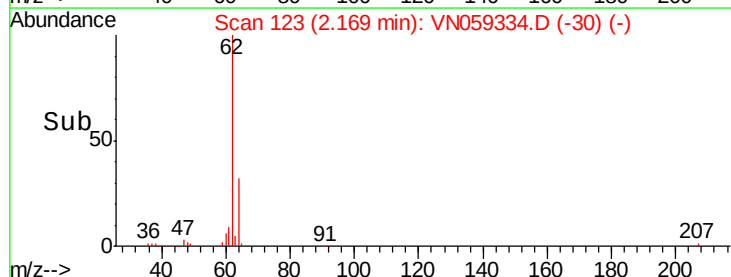
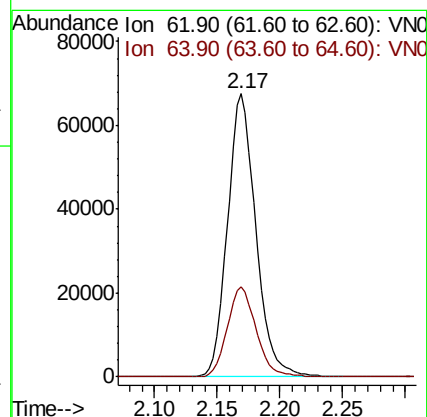
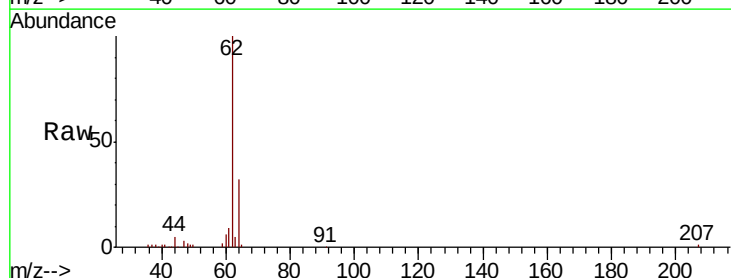
Acq: 21 Nov 2019 14:44

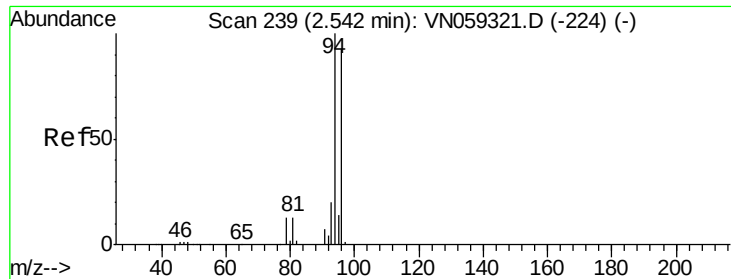
Tgt Ion: 62 Resp: 106012

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 16.710 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

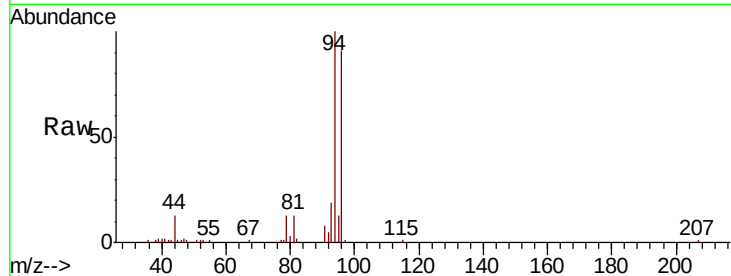
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 59338

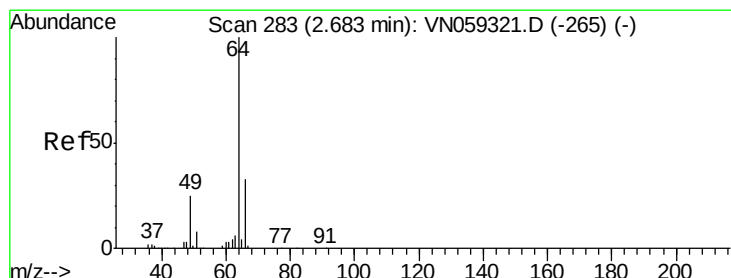
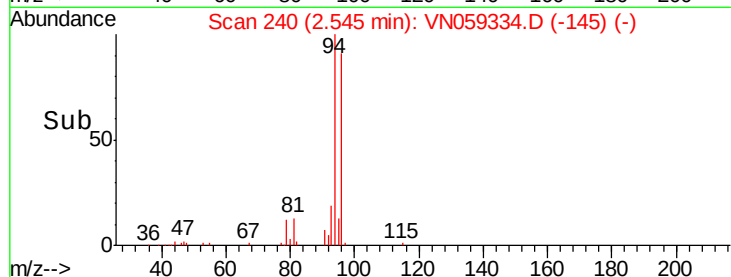
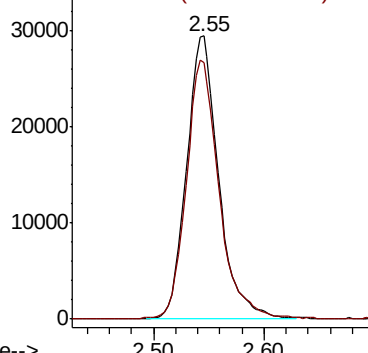
Ion Ratio Lower Upper

94 100

96 90.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 15.814 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059334.D

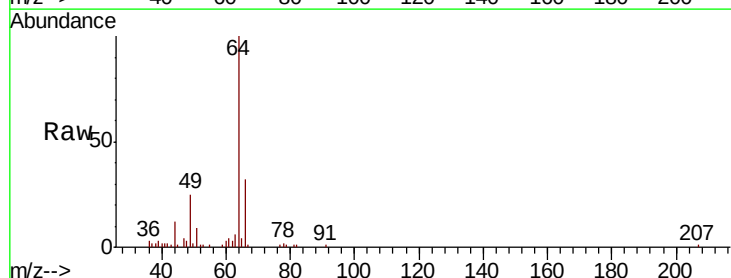
Acq: 21 Nov 2019 14:44

Tgt Ion: 64 Resp: 55204

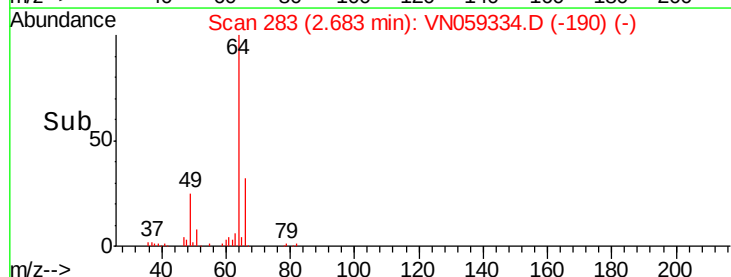
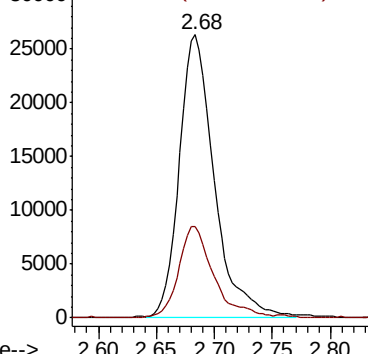
Ion Ratio Lower Upper

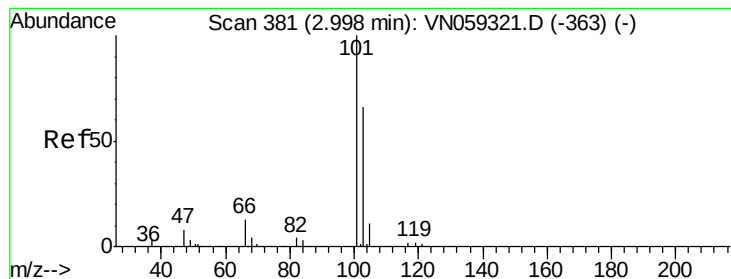
64 100

66 31.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



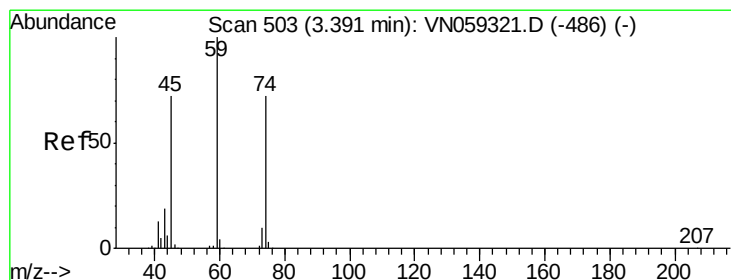
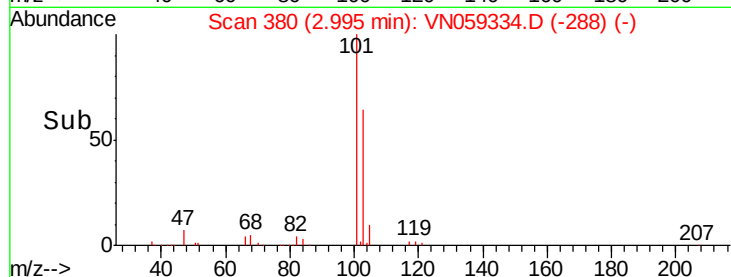
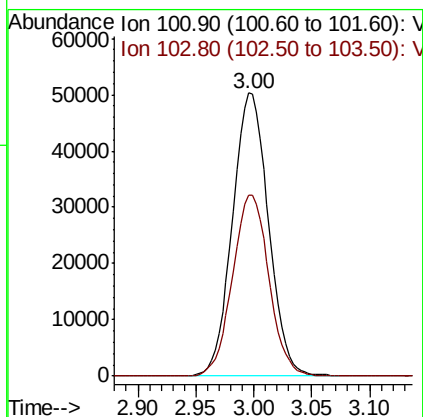
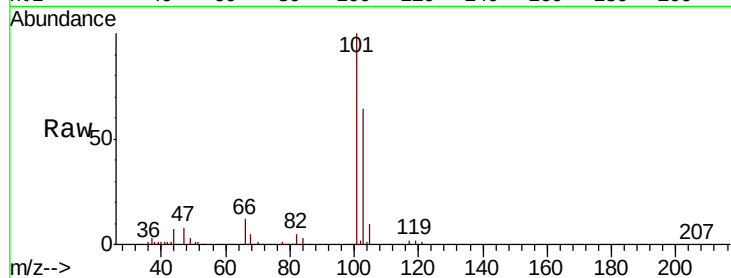


#7

Trichlorofluoromethane
Concen: 15.764 ug/l
RT: 3.00 min Scan# 380
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

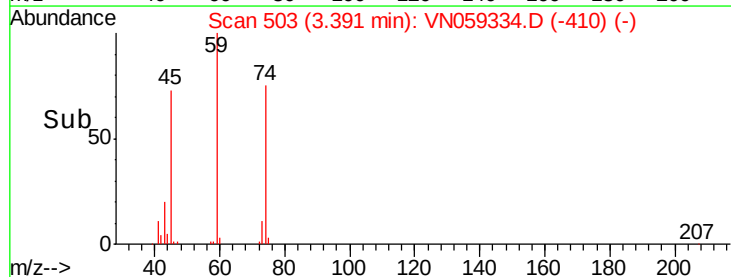
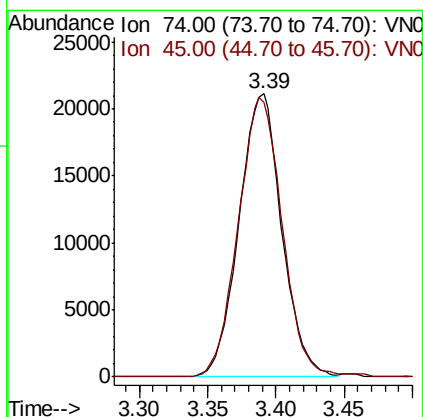
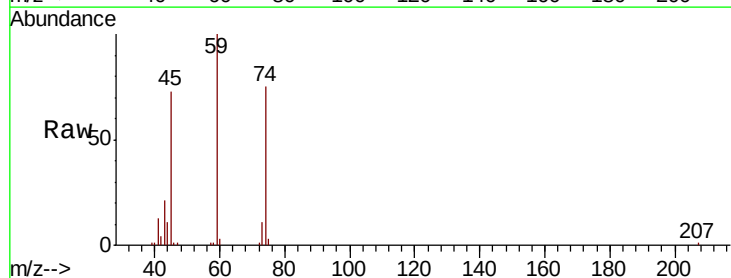
Tot Ion:101 Resp: 108581
Ion Ratio Lower Upper
101 100
103 64.2 52.5 78.7

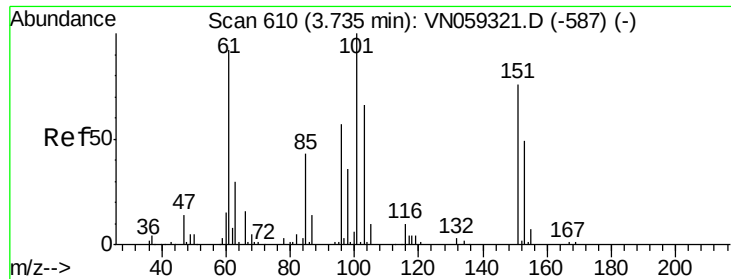


#8

Diethyl Ether
Concen: 16.308 ug/l
RT: 3.39 min Scan# 503
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 74 Resp: 45920
Ion Ratio Lower Upper
74 100
45 101.3 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.948 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

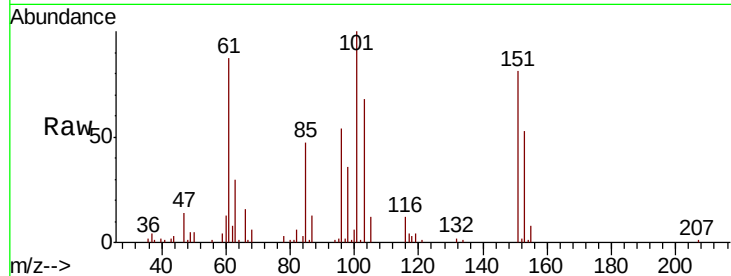
Tot Ion:101 Resp: 67170

Ion Ratio Lower Upper

101 100

85 45.4 34.8 52.2

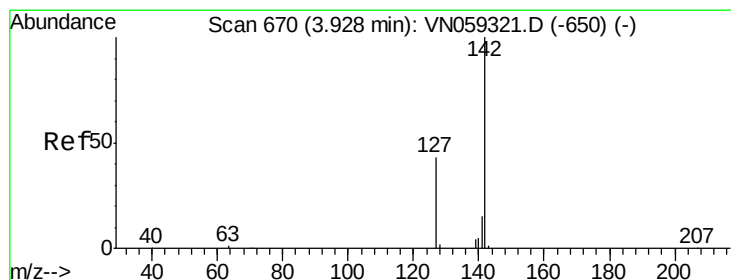
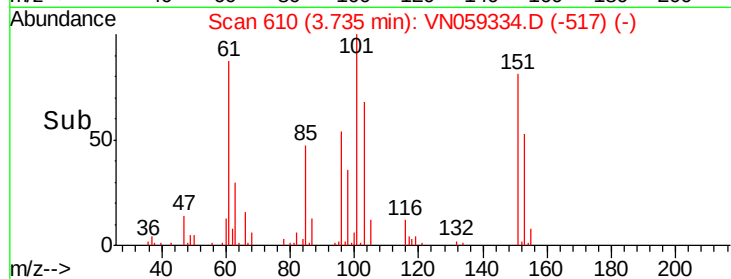
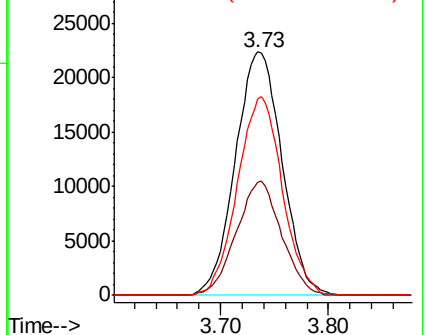
151 78.6 62.2 93.4



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: 16.182 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

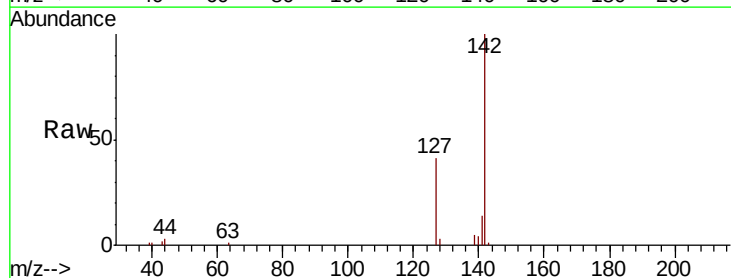
Tgt Ion:142 Resp: 84705

Ion Ratio Lower Upper

142 100

127 42.3 33.8 50.6

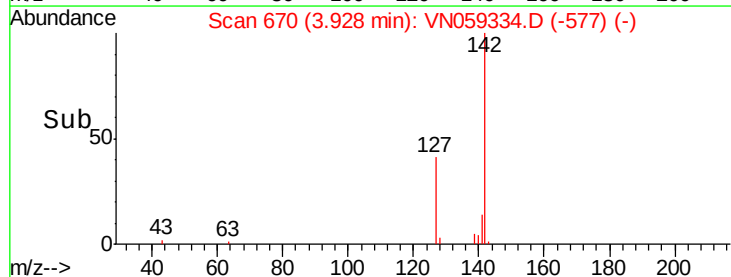
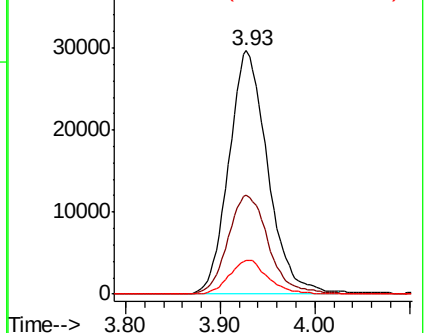
141 13.7 11.2 16.8

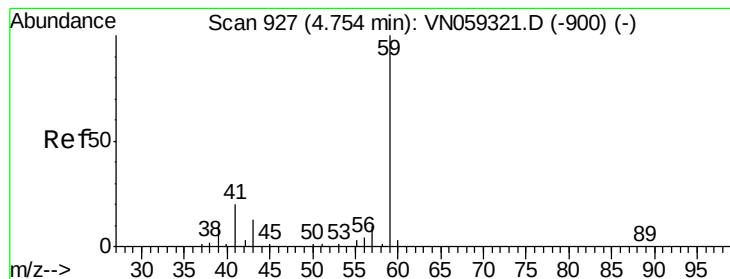


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



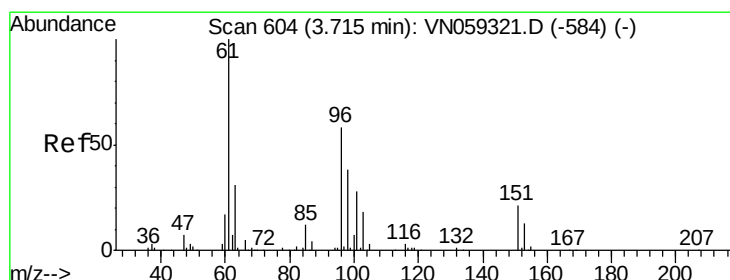
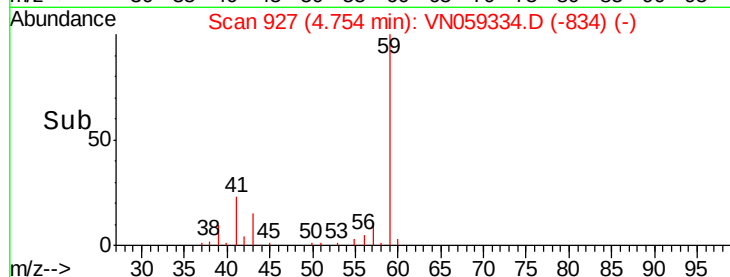
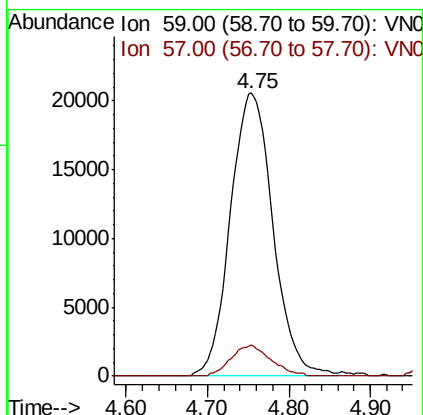
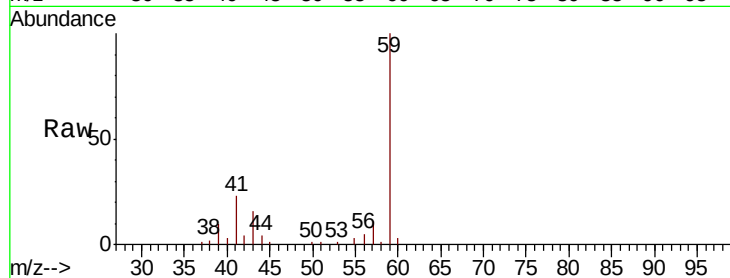


#11

Tert butyl alcohol
Concen: 78.563 ug/l
RT: 4.75 min Scan# 927
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

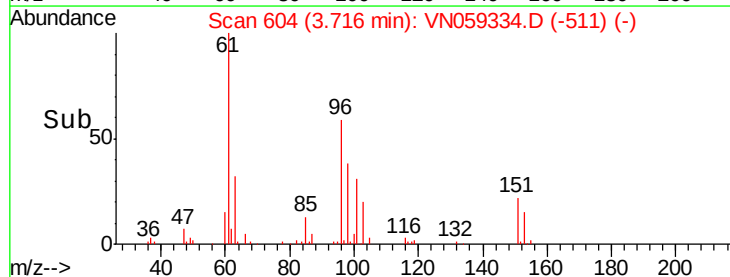
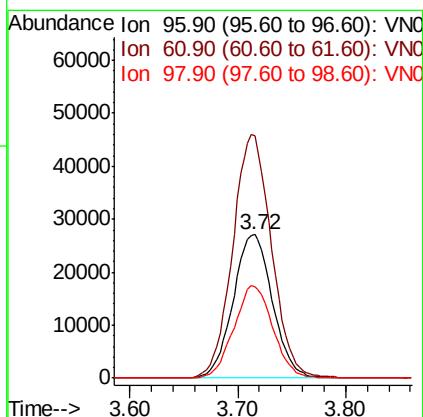
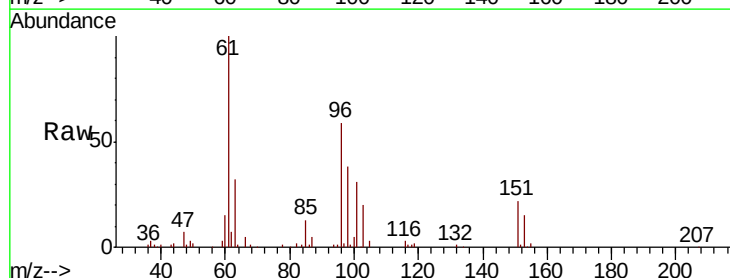
Tot Ion: 59 Resp: 74758
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

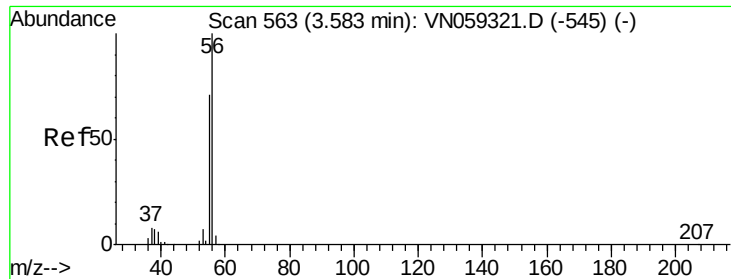


#12

1,1-Dichloroethene
Concen: 16.077 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 96 Resp: 68733
Ion Ratio Lower Upper
96 100
61 169.2 136.8 205.2
98 64.1 51.6 77.4





#13

Acrolein

Concen: 82.548 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

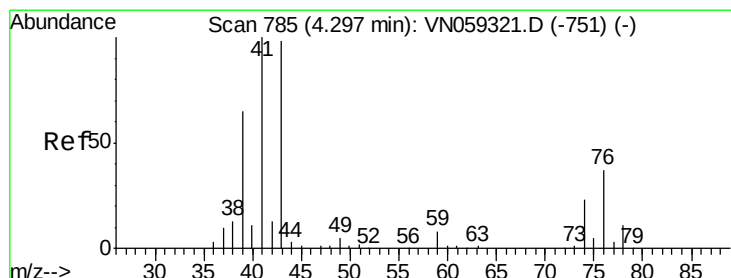
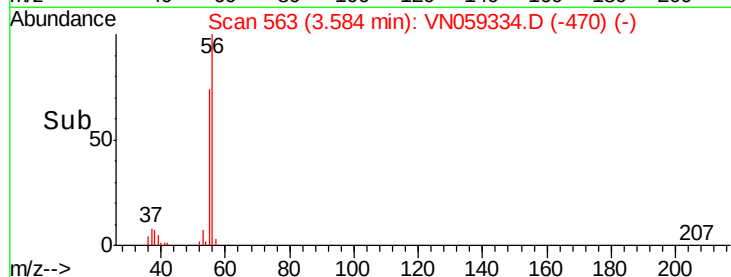
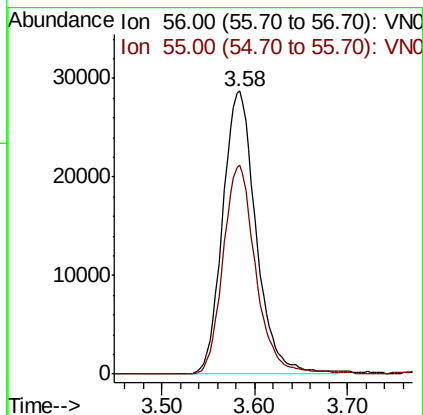
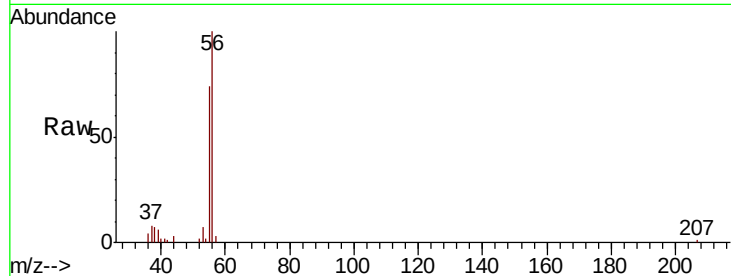
ClientSampleId :

Tot Ion: 56 Resp: 71704

Ion Ratio Lower Upper

56 100

55 71.5 57.4 86.0



#14

Allyl chloride

Concen: 16.230 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

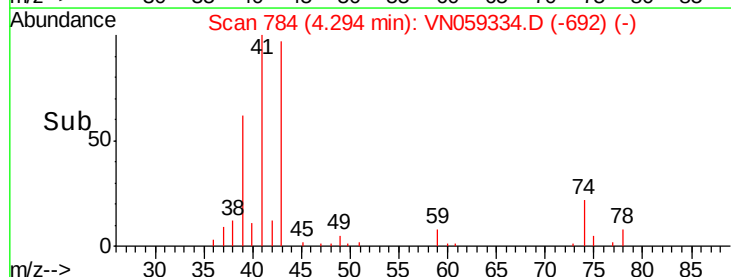
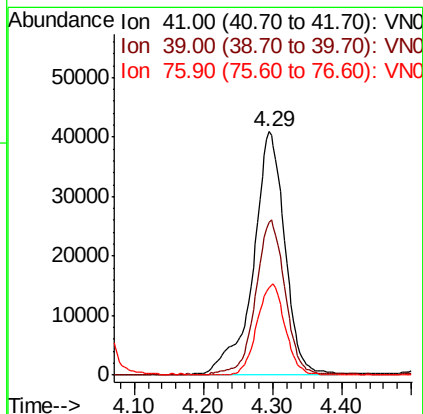
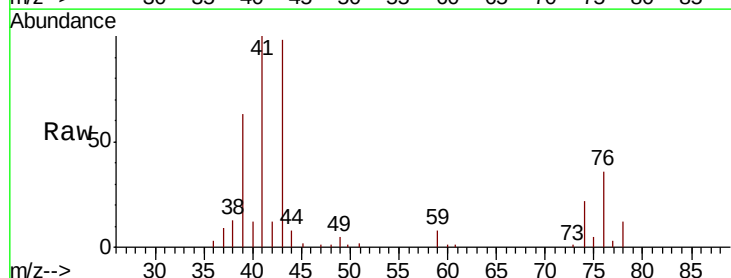
Tgt Ion: 41 Resp: 129623

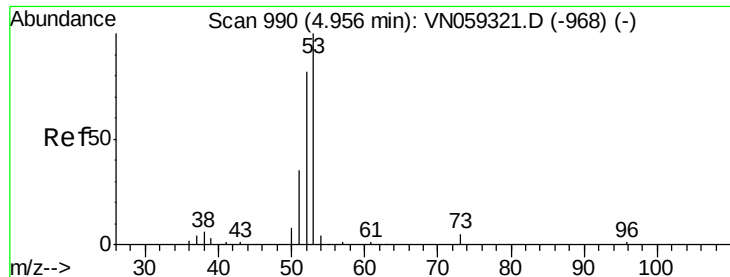
Ion Ratio Lower Upper

41 100

39 59.0 48.4 72.6

76 33.0 26.2 39.4





#15

Acrylonitrile

Concen: 80.102 ug/l

RT: 4.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

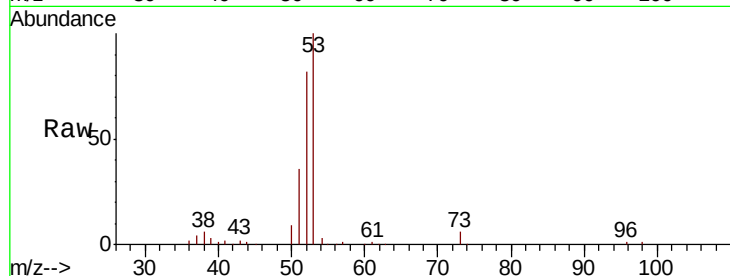
Tot Ion: 53 Resp: 201533

Ion Ratio Lower Upper

53 100

52 81.5 65.8 98.8

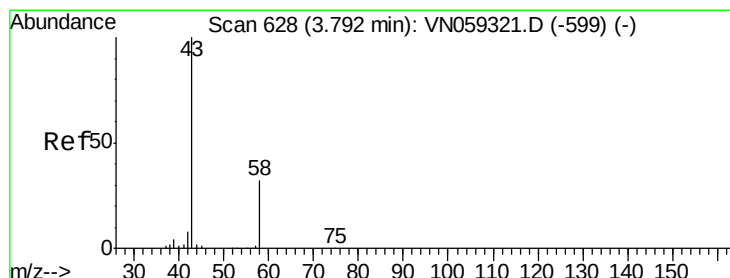
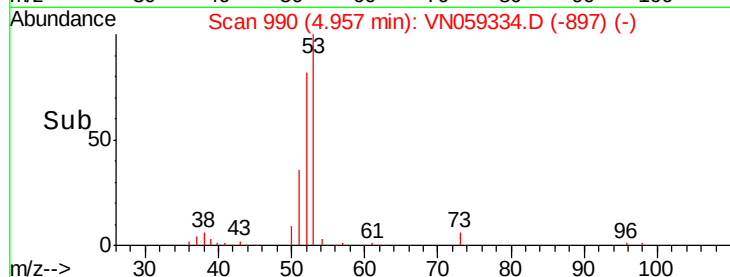
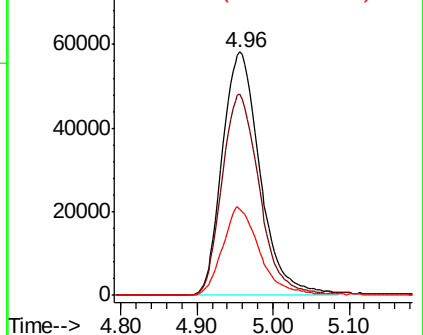
51 35.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN059321.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN059321.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN059321.D (-968) (-)



#16

Acetone

Concen: 94.788 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059334.D

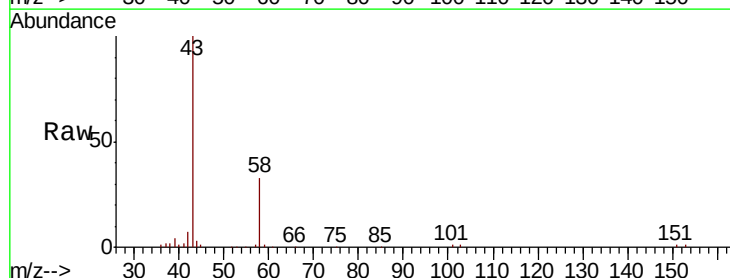
Acq: 21 Nov 2019 14:44

Tgt Ion: 43 Resp: 201996

Ion Ratio Lower Upper

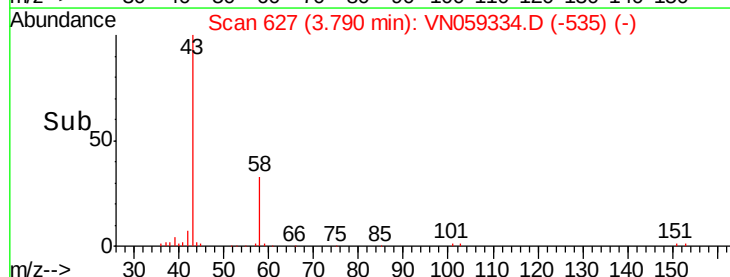
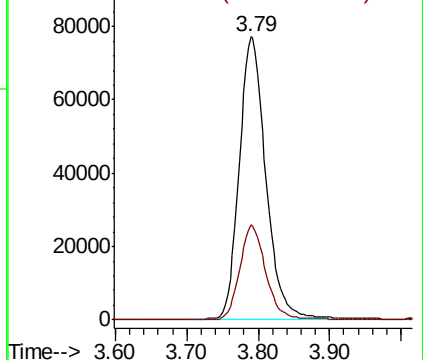
43 100

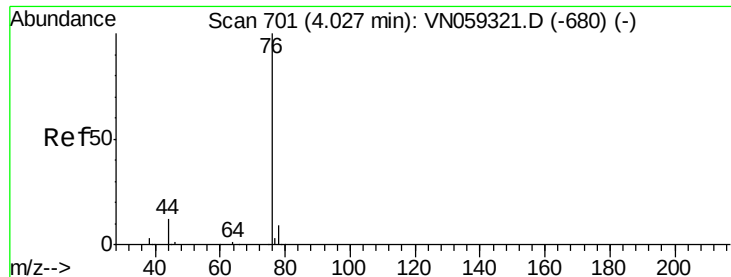
58 33.4 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)





#17

Carbon Disulfide

Concen: 16.193 ug/l

RT: 4.03 min Scan# 701

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

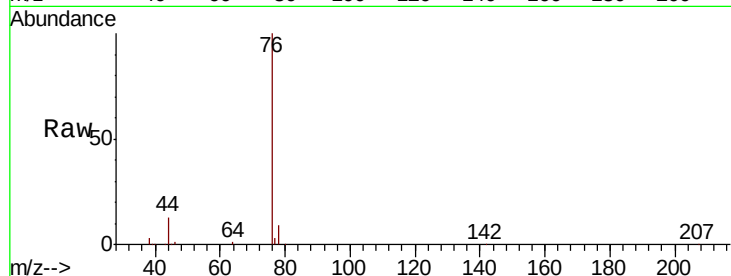
ClientSampled :

Tot Ion: 76 Resp: 215691

Ion Ratio Lower Upper

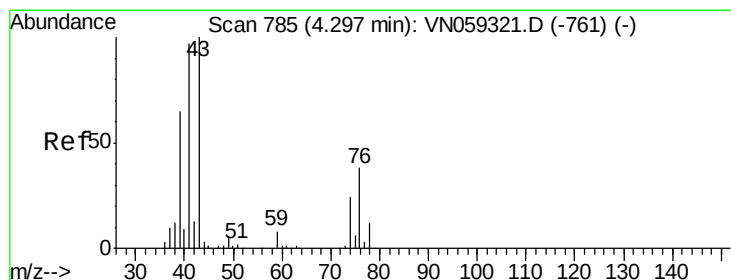
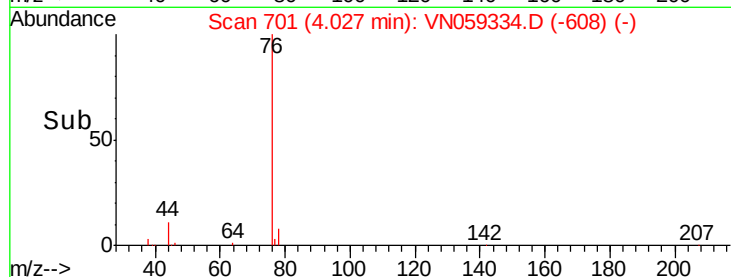
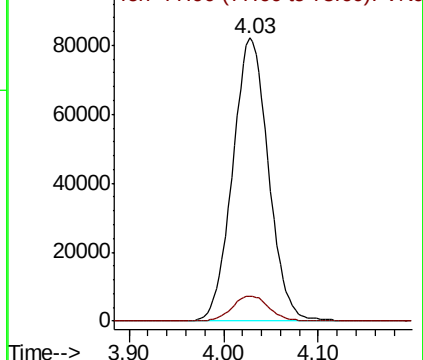
76 100

78 8.7 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 16.605 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059334.D

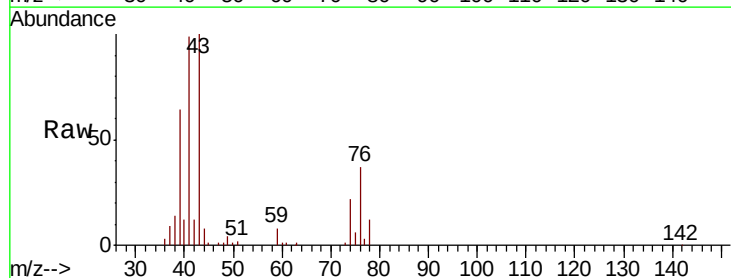
Acq: 21 Nov 2019 14:44

Tgt Ion: 43 Resp: 117437

Ion Ratio Lower Upper

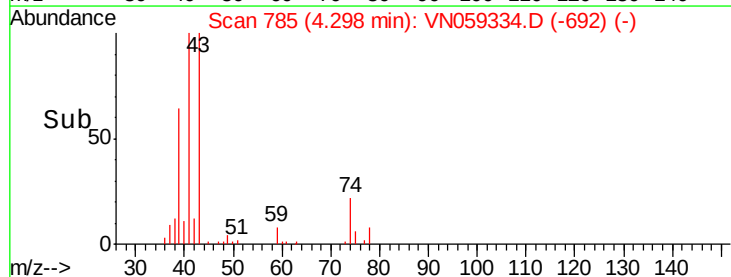
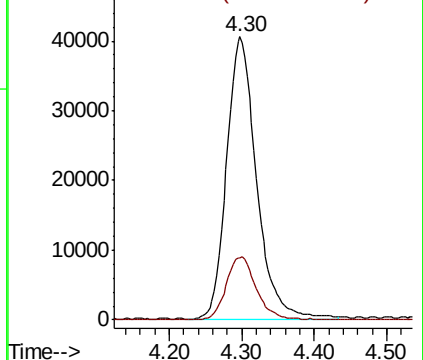
43 100

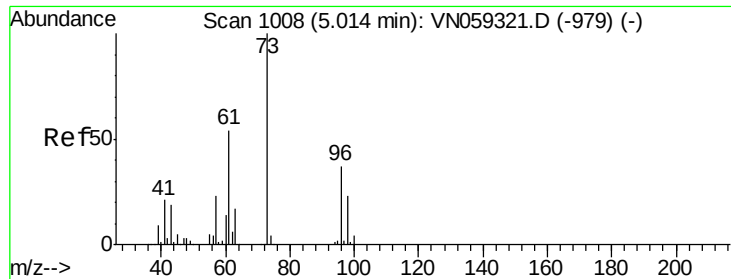
74 22.2 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

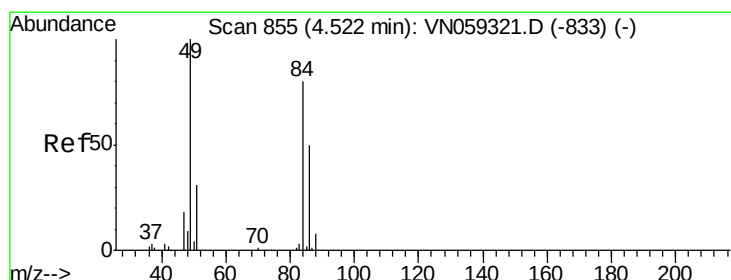
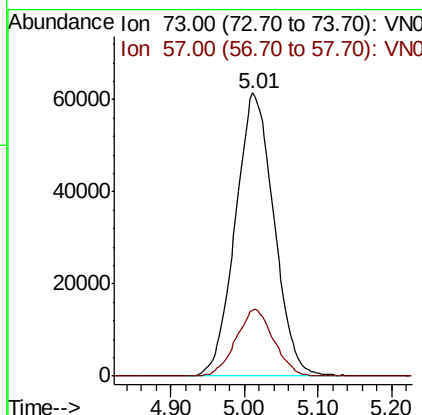
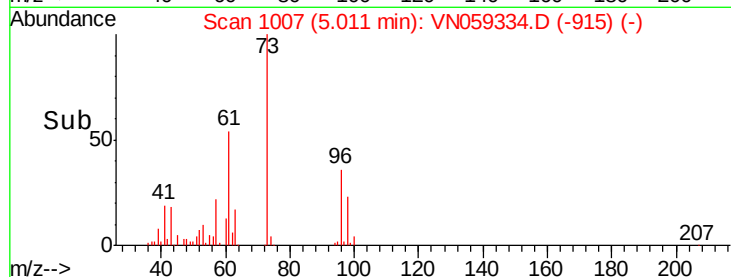
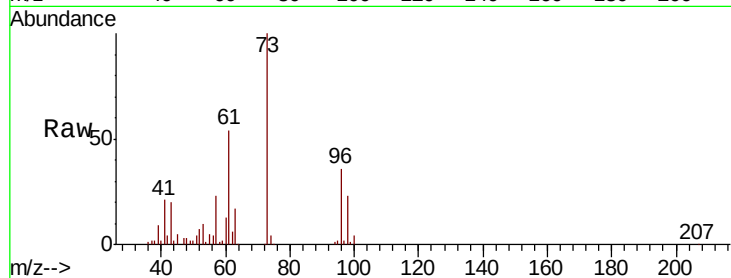




#19
Methyl tert-butyl Ether
Concen: 16.227 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

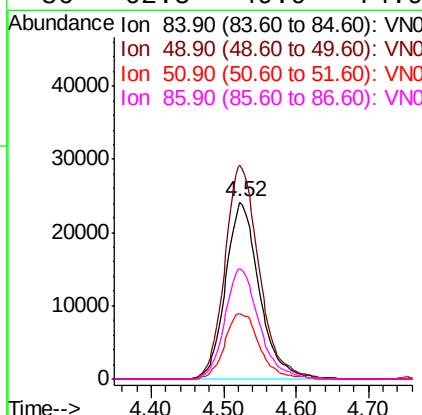
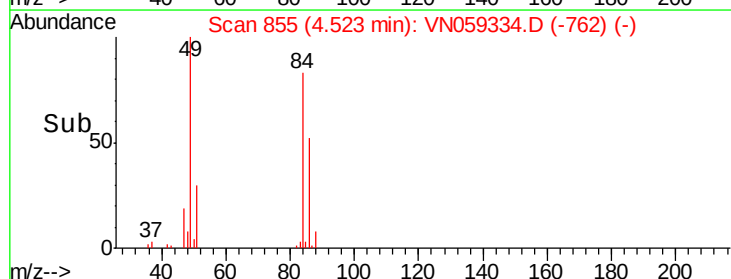
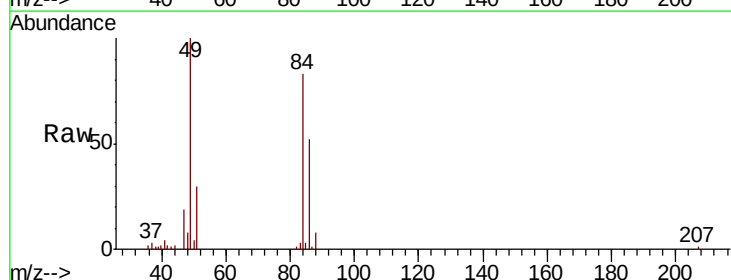
Instrument :
MSVOA_N
ClientSampleId :

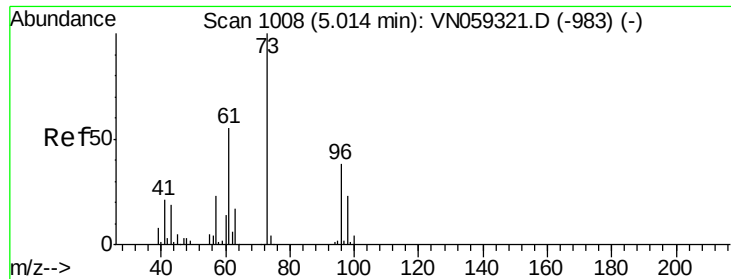
Tot Ion: 73 Resp: 224072
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6



#20
Methylene Chloride
Concen: 16.229 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 84 Resp: 77999
Ion Ratio Lower Upper
84 100
49 120.9 99.5 149.3
51 36.7 31.1 46.7
86 62.5 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 15.967 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

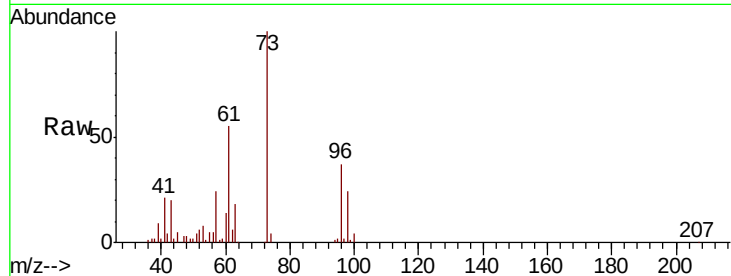
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 96 Resp: 72347

Ion	Ratio	Lower	Upper
96	100		
61	151.5	116.4	174.6
98	64.8	49.6	74.4

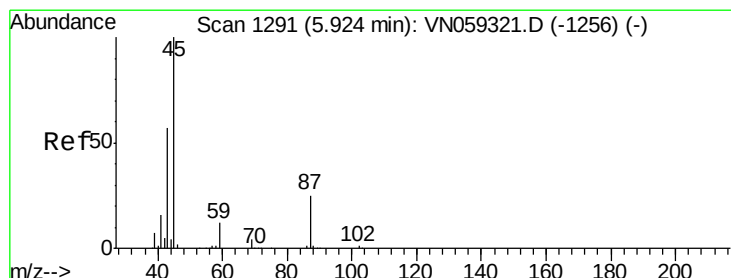
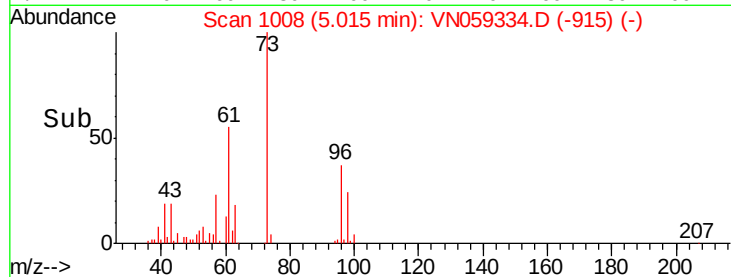
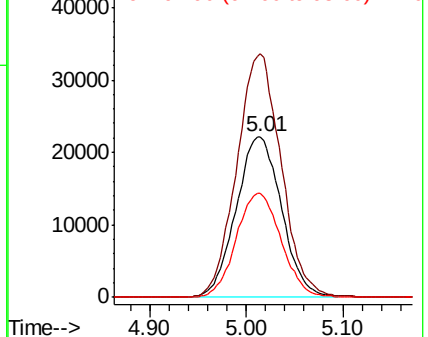


Abundance

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: 16.049 ug/l

RT: 5.92 min Scan# 1291

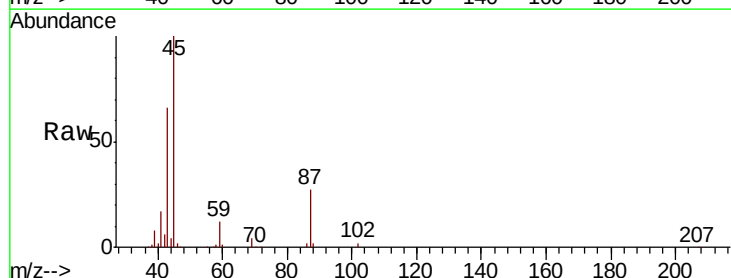
Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Tgt Ion: 45 Resp: 241330

Ion	Ratio	Lower	Upper
45	100		
43	64.6	47.6	71.4
87	27.4	20.7	31.1
59	11.8	9.4	14.2



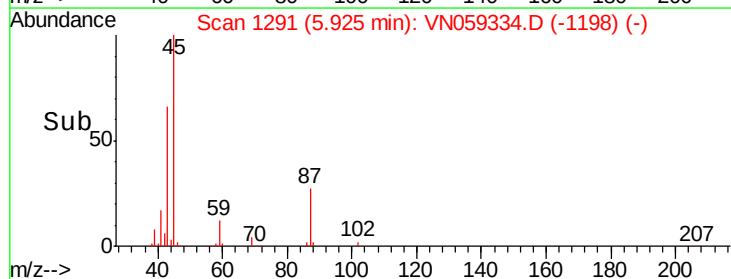
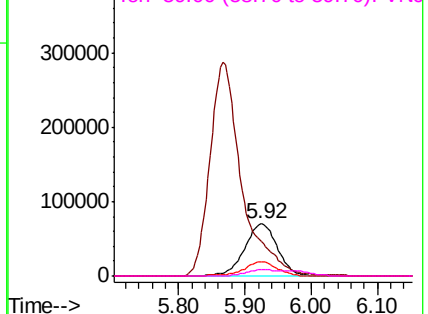
Abundance

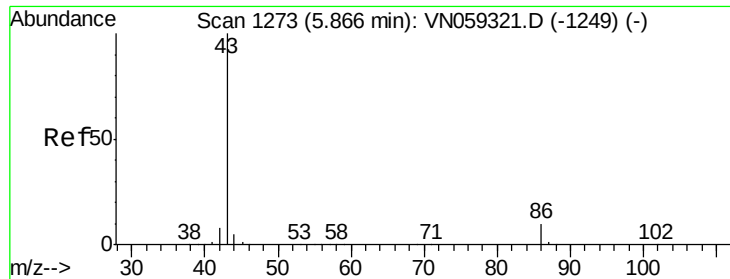
Ion 45.00 (44.70 to 45.70): VN0

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: 81.357 ug/l

RT: 5.87 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

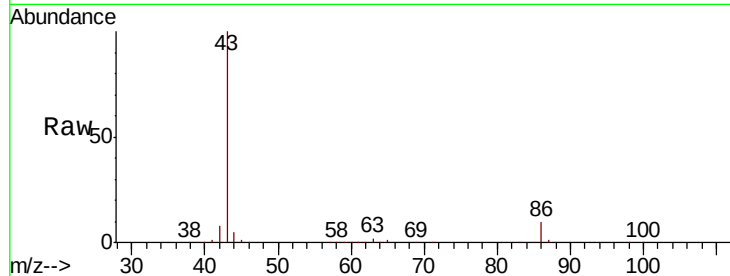
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 962039

Ion Ratio Lower Upper

43 100

86 9.8 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.87

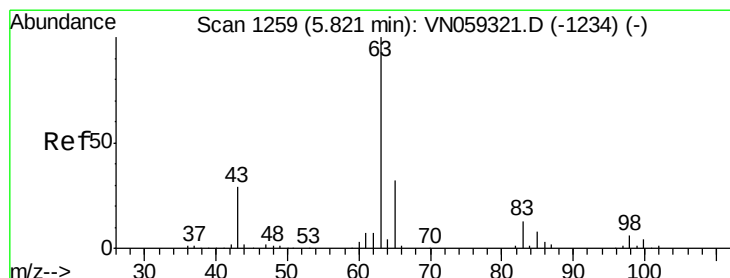
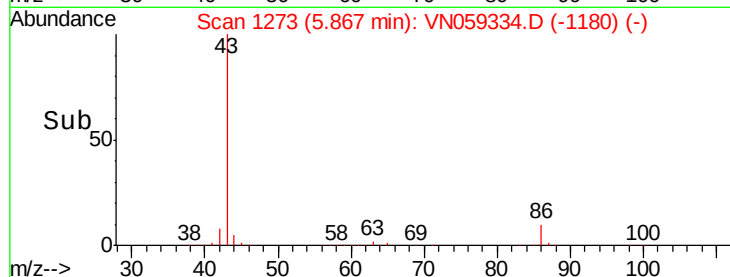
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 16.463 ug/l

RT: 5.82 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

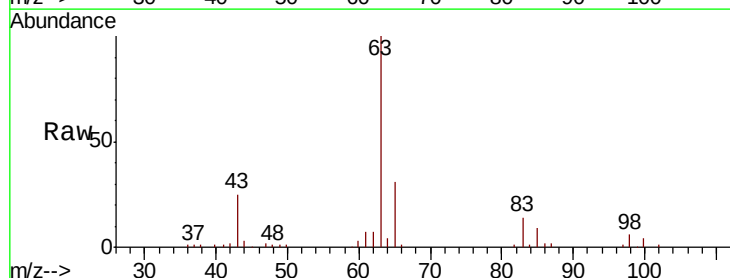
Tgt Ion: 63 Resp: 139343

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.8

100 3.7 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

60000

50000

40000

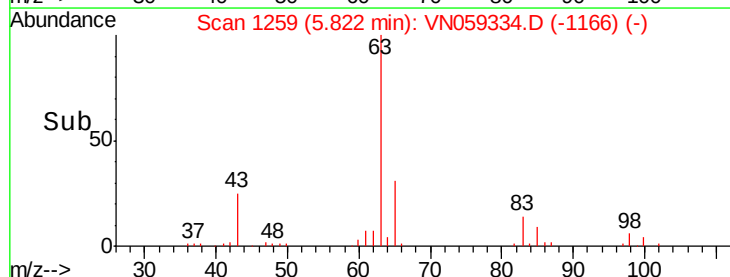
30000

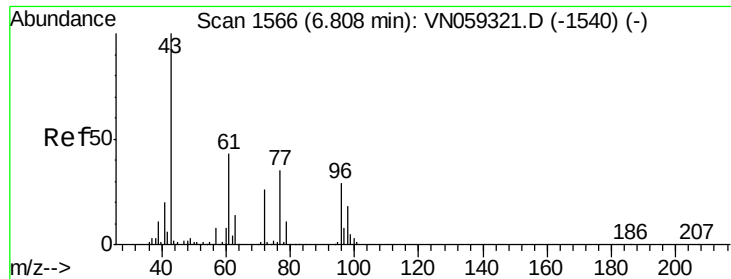
20000

10000

0

Time-->

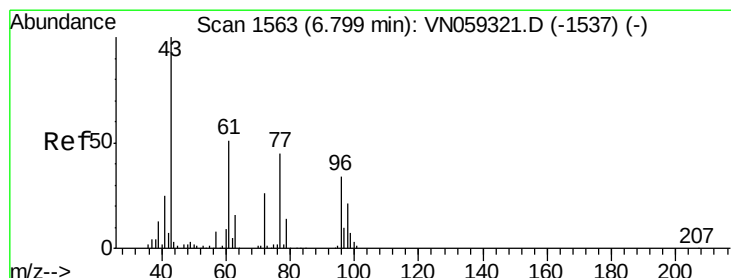
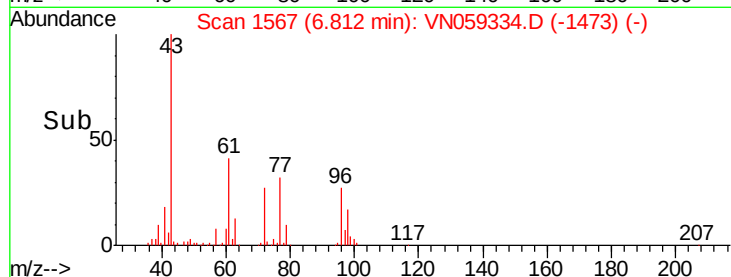
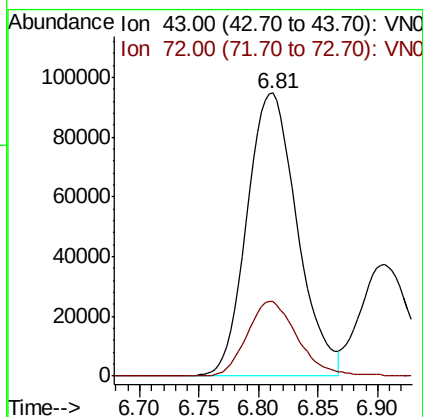
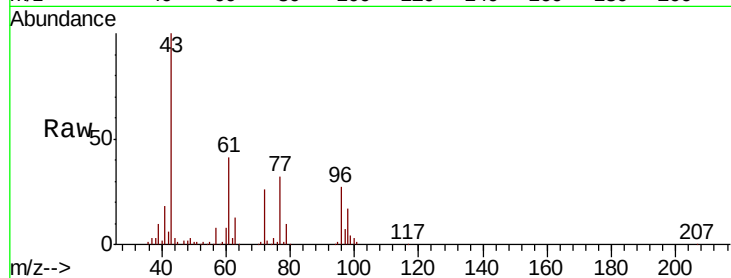




#25
 2-Butanone
 Concen: 83.740 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

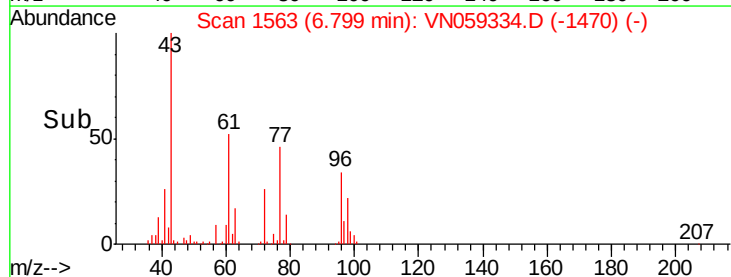
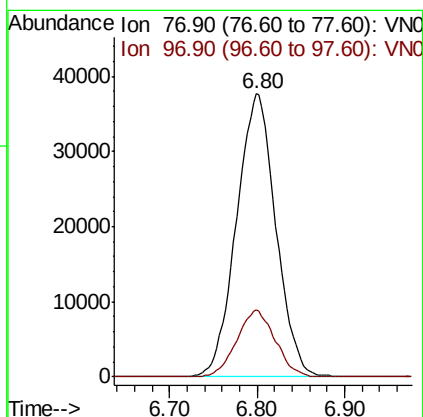
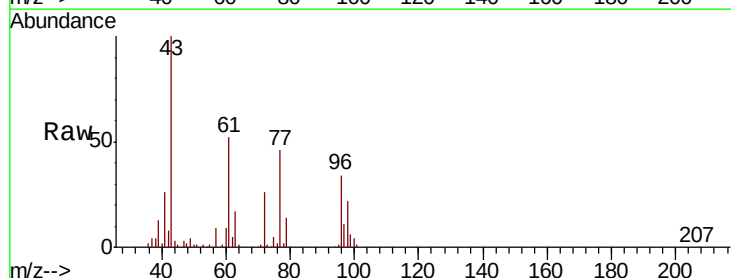
Instrument :
 MSVOA_N
 ClientSampled :

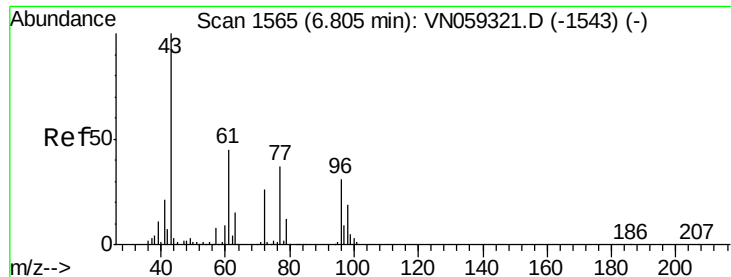
Tot Ion: 43 Resp: 277494
 Ion Ratio Lower Upper
 43 100
 72 26.5 20.5 30.7



#26
 2,2-Dichloropropane
 Concen: 16.042 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion: 77 Resp: 117570
 Ion Ratio Lower Upper
 77 100
 97 23.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 16.159 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

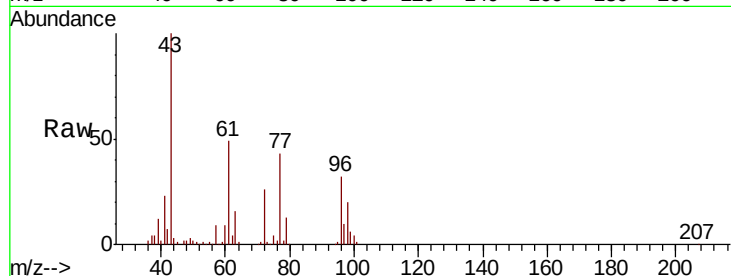
Tot Ion: 96 Resp: 82605

Ion Ratio Lower Upper

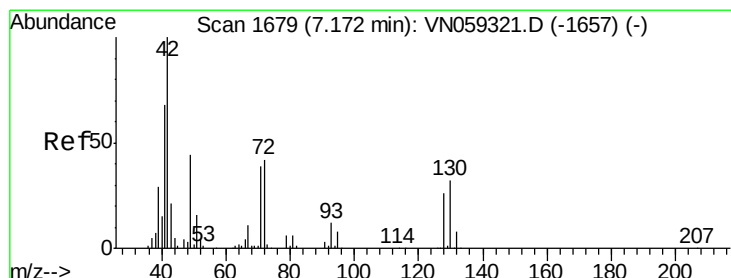
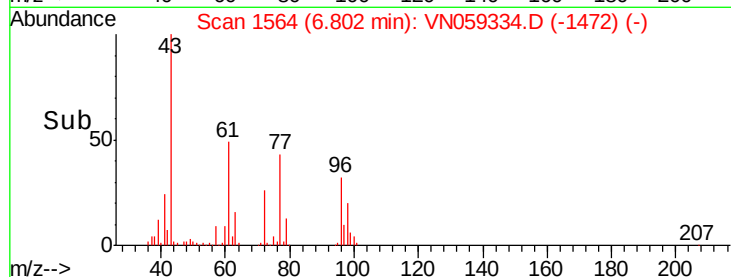
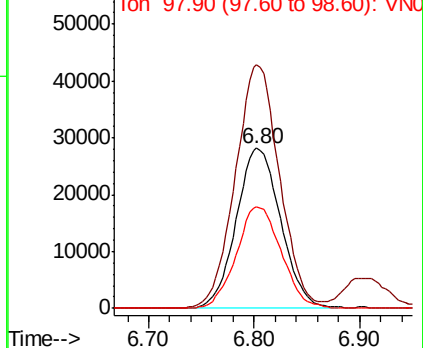
96 100

61 151.7 0.0 304.0

98 64.2 0.0 128.4



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: 14.633 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

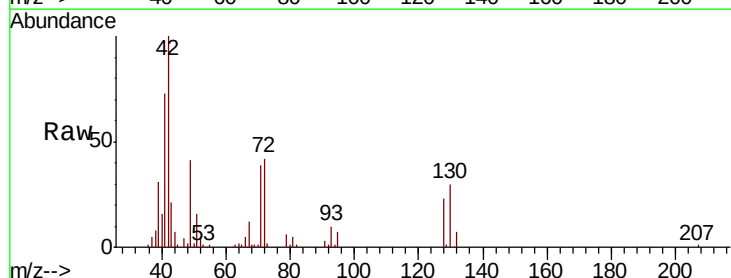
Tgt Ion: 49 Resp: 44432

Ion Ratio Lower Upper

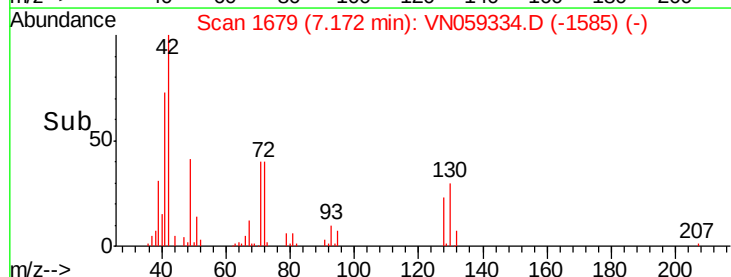
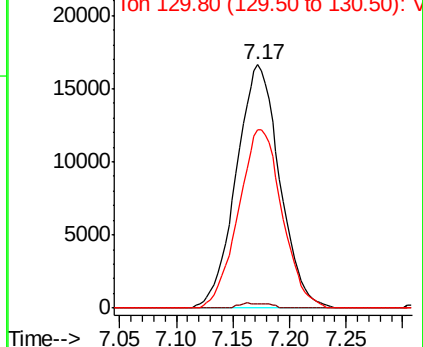
49 100

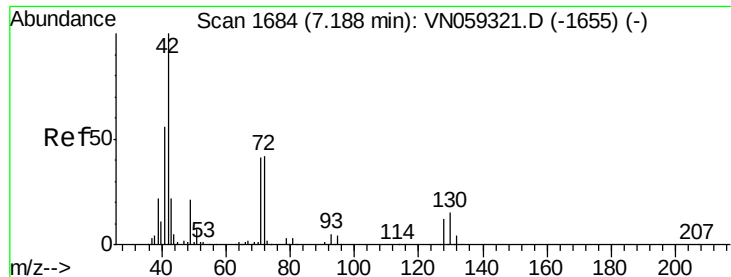
129 0.7 0.0 3.8

130 73.7 57.0 85.6



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: 78.582 ug/l

RT: 7.19 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

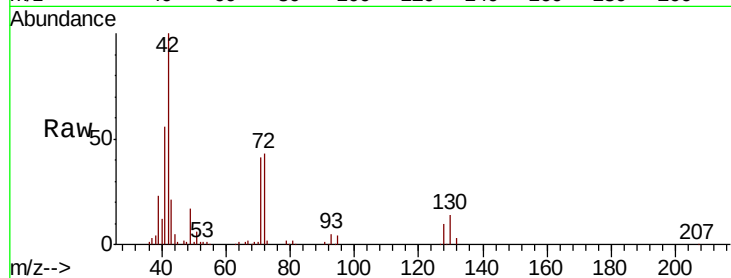
Tot Ion: 42 Resp: 180057

Ion Ratio Lower Upper

42 100

72 43.6 34.2 51.2

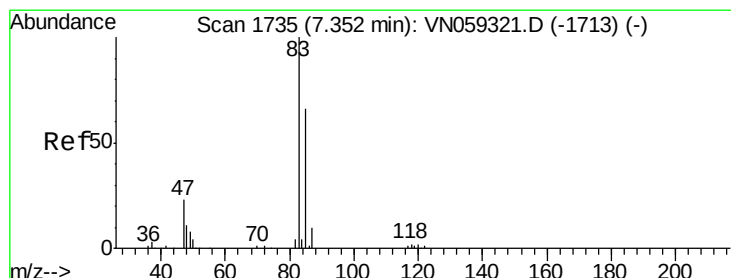
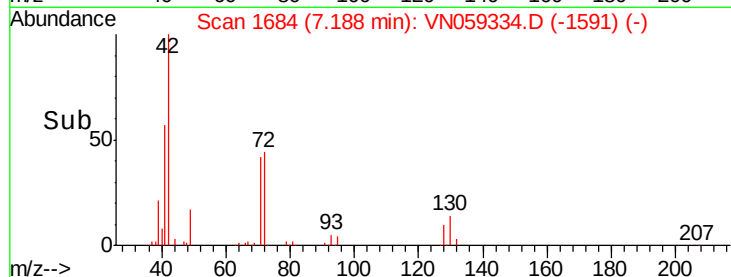
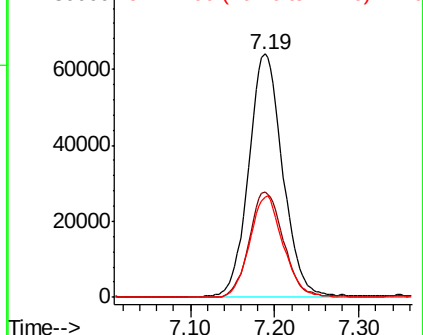
71 40.6 32.6 48.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 16.283 ug/l

RT: 7.35 min Scan# 1735

Delta R.T. 0.00 min

Lab File: VN059334.D

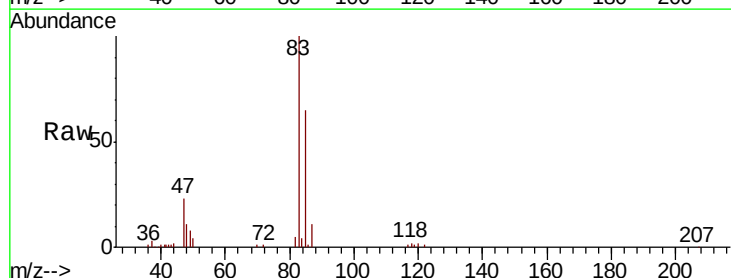
Acq: 21 Nov 2019 14:44

Tgt Ion: 83 Resp: 134502

Ion Ratio Lower Upper

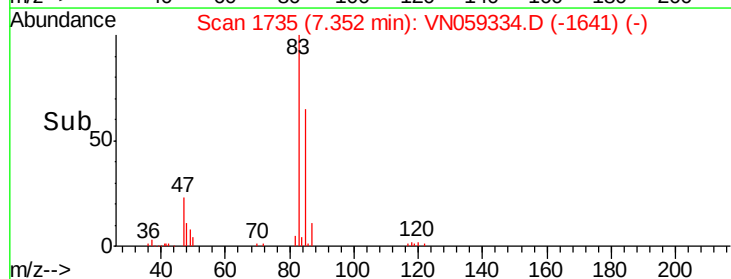
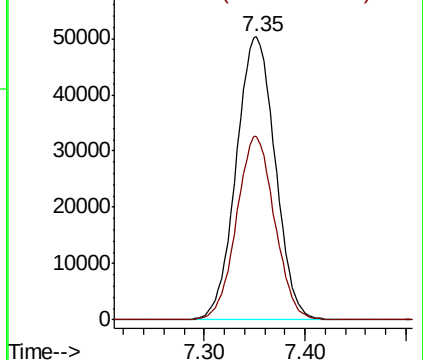
83 100

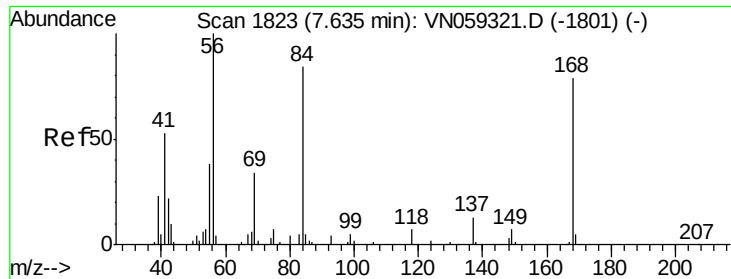
85 64.7 52.7 79.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 16.024 ug/l

RT: 7.64 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

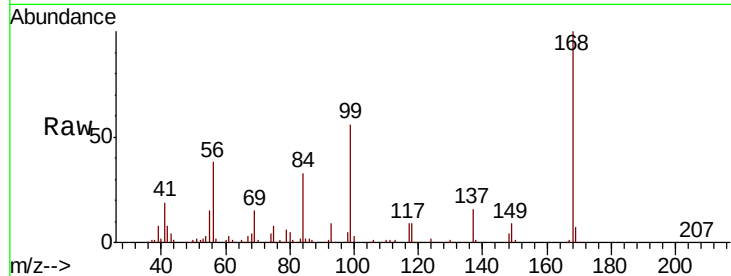
Tot Ion: 56 Resp: 134099

Ion Ratio Lower Upper

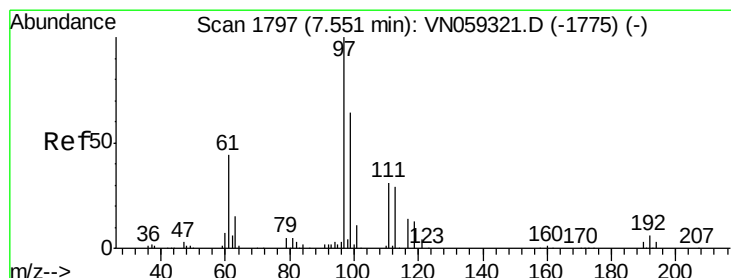
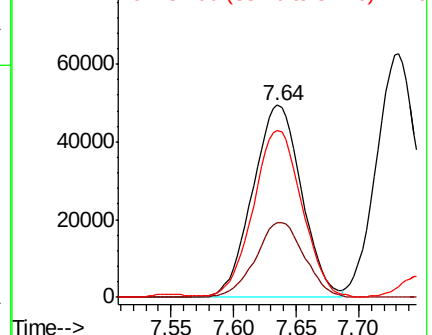
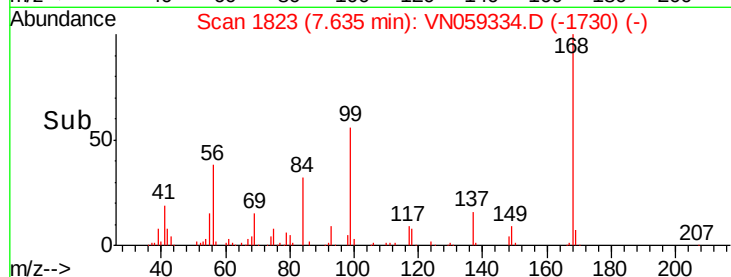
56 100

69 38.9 26.6 40.0

84 86.1 67.0 100.4



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



#32

1,1,1-Trichloroethane

Concen: 16.140 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

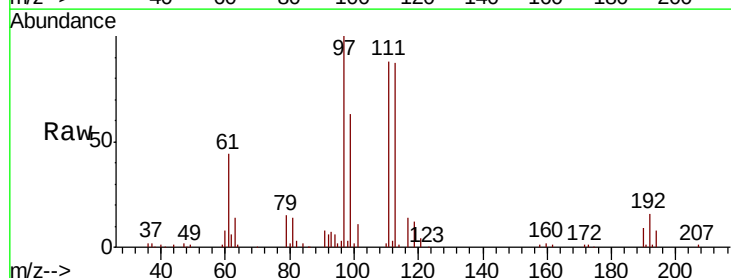
Tgt Ion: 97 Resp: 113902

Ion Ratio Lower Upper

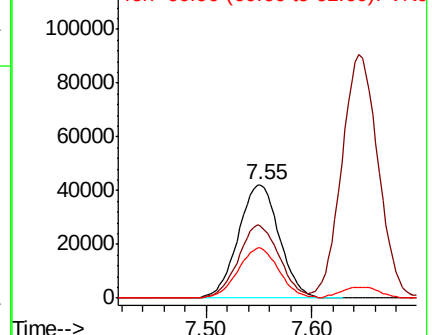
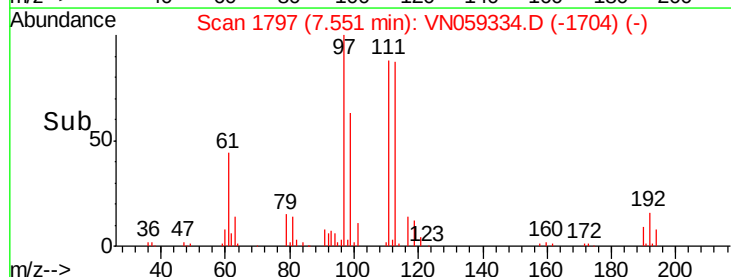
97 100

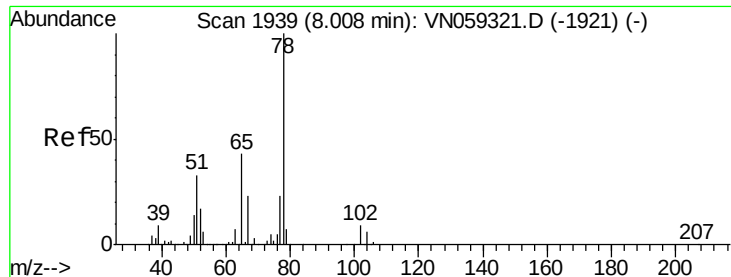
99 64.1 51.3 76.9

61 44.0 35.3 52.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

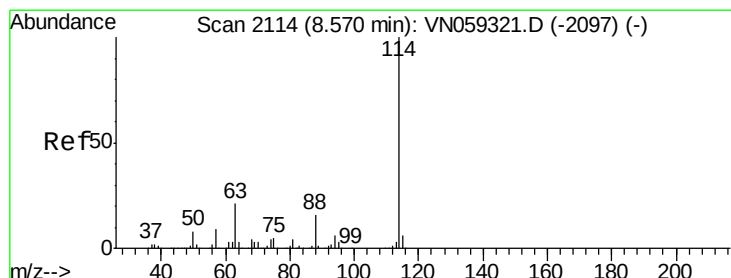
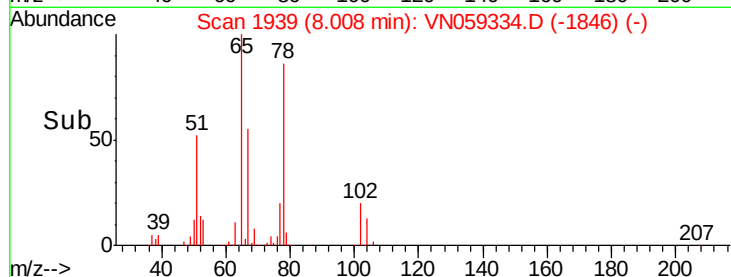
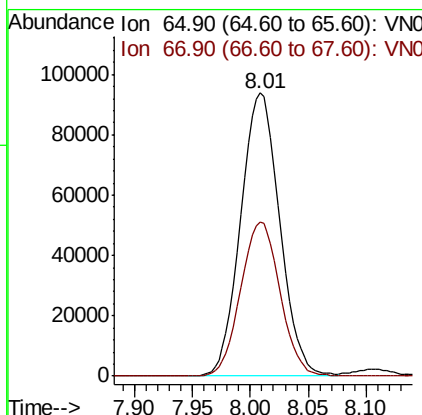
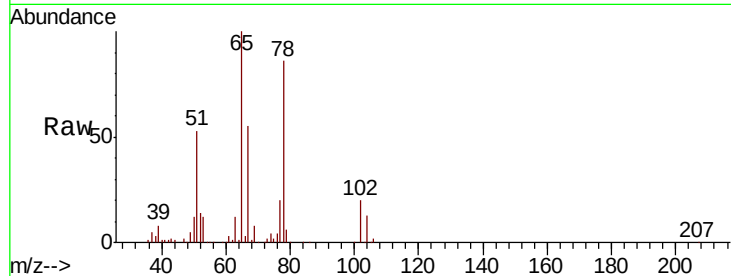




#33
 1,2-Dichloroethane-d4
 Concen: 46.425 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

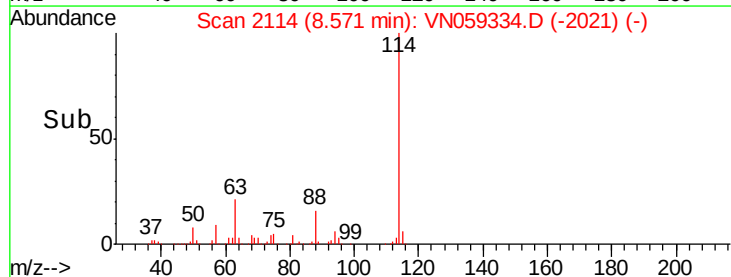
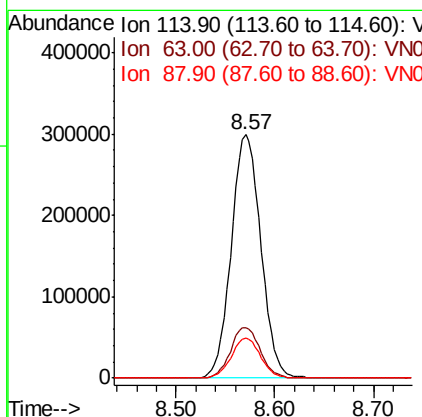
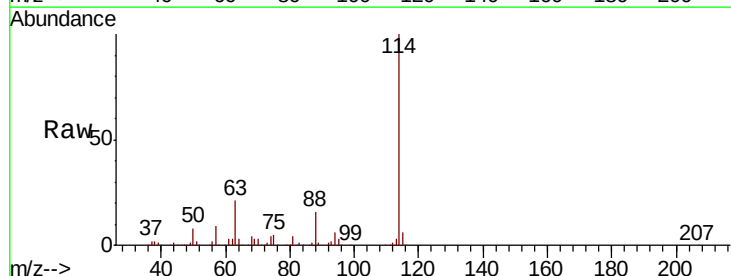
Instrument :
 MSVOA_N
 ClientSampled :

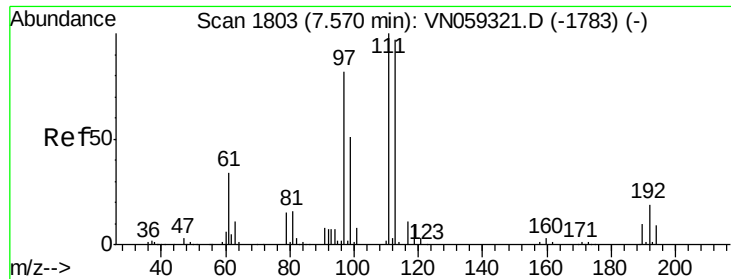
Tot Ion: 65 Resp: 220647
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion: 114 Resp: 626322
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 16.3 0.0 32.2

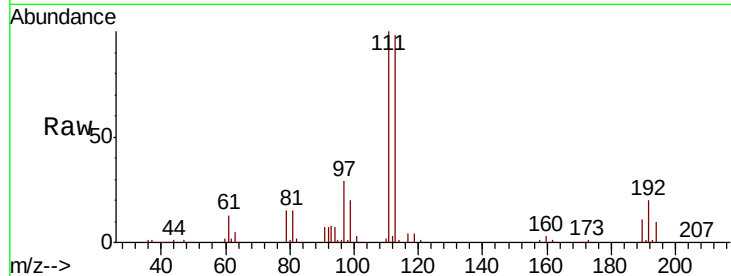




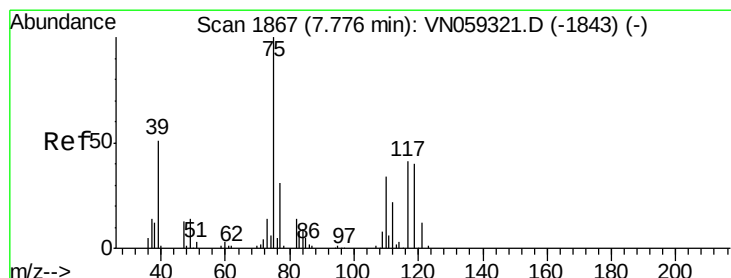
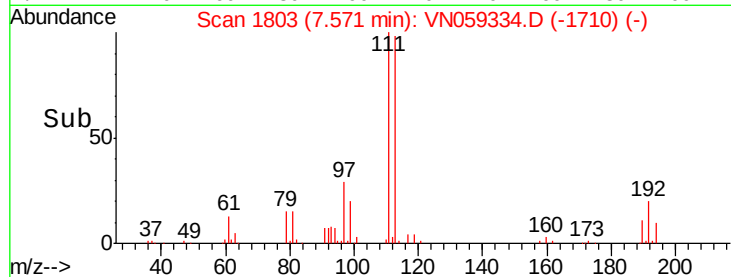
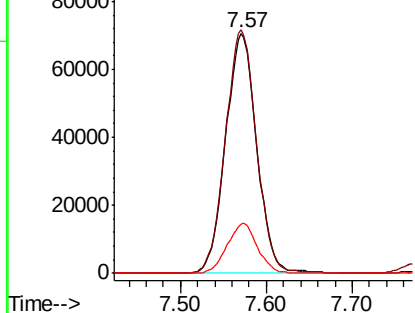
#35
 Dibromofluoromethane
 Concen: 47.018 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 176672
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.7 124.1
 192 20.3 16.3 24.5

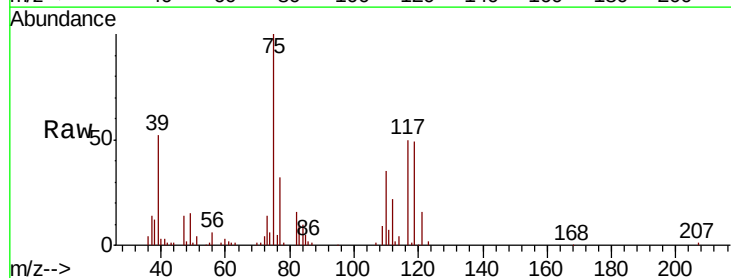


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

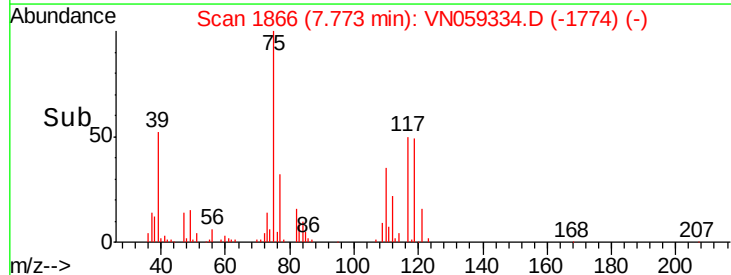
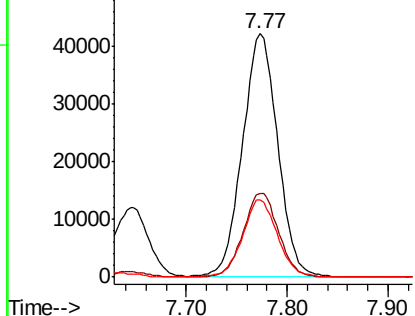


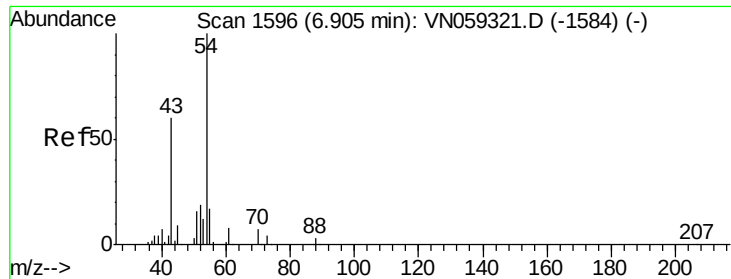
#36
 1,1-Dichloropropene
 Concen: 15.846 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion: 75 Resp: 102458
 Ion Ratio Lower Upper
 75 100
 110 34.2 17.0 51.0
 77 31.5 24.8 37.2



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

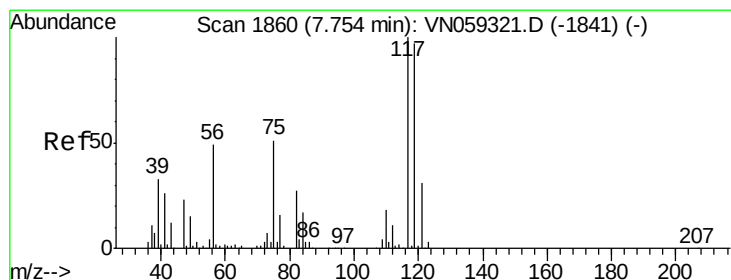
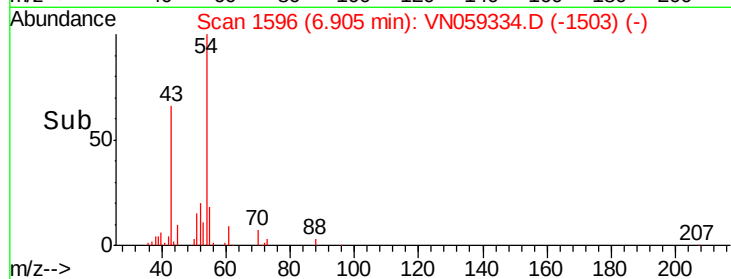
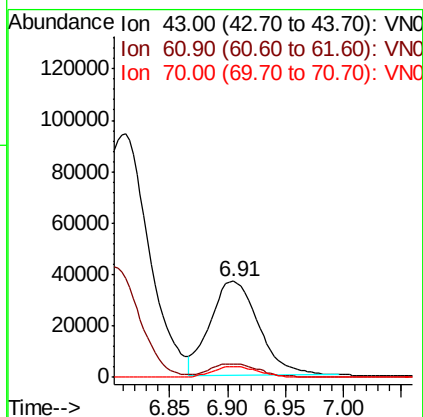
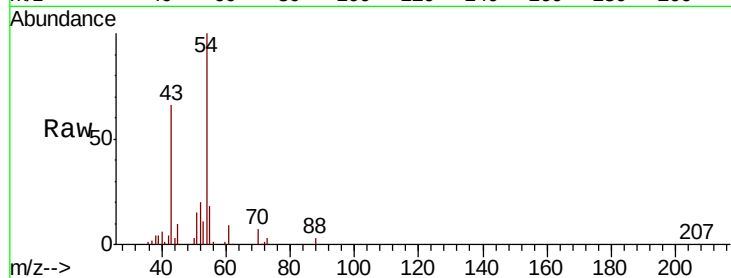




#37
Ethyl Acetate
Concen: 15.553 ug/l
RT: 6.91 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

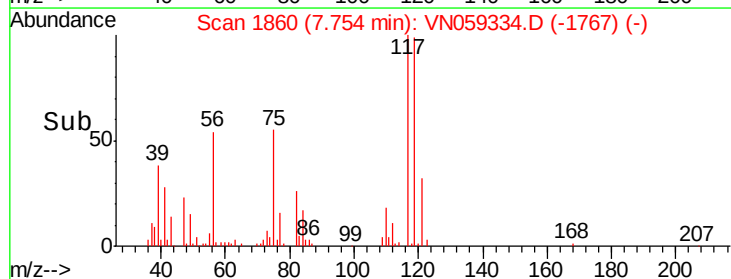
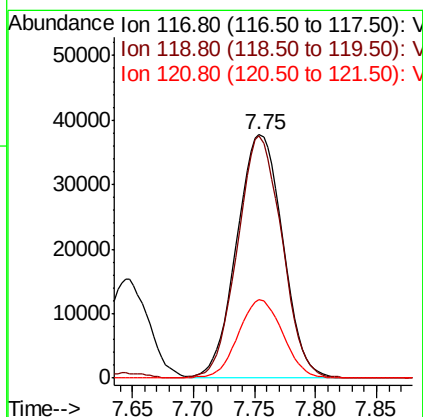
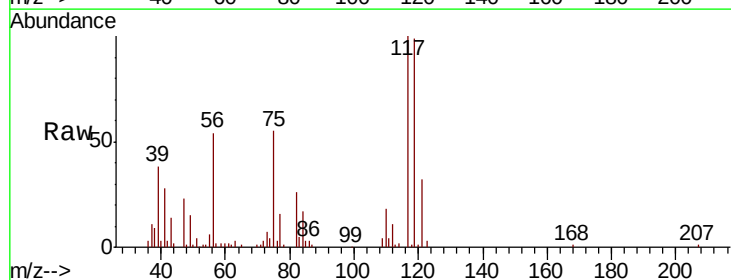
Instrument :
MSVOA_N
ClientSampled :

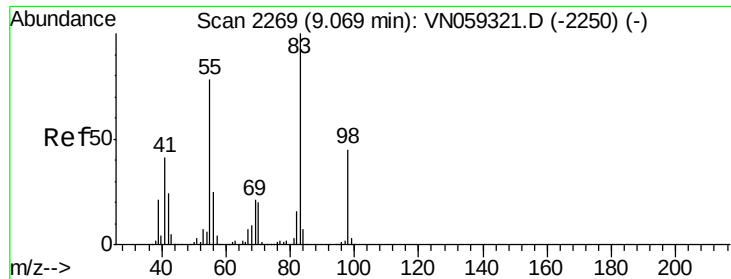
Tot Ion: 43 Resp: 108077
Ion Ratio Lower Upper
43 100
61 15.2 11.0 16.6
70 10.8 8.8 13.2



#38
Carbon Tetrachloride
Concen: 15.958 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 117 Resp: 98781
Ion Ratio Lower Upper
117 100
119 99.0 77.0 115.4
121 32.2 24.4 36.6

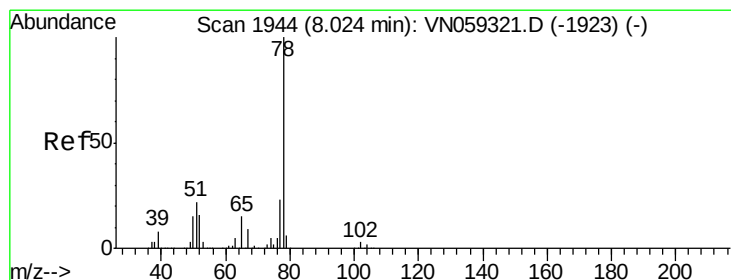
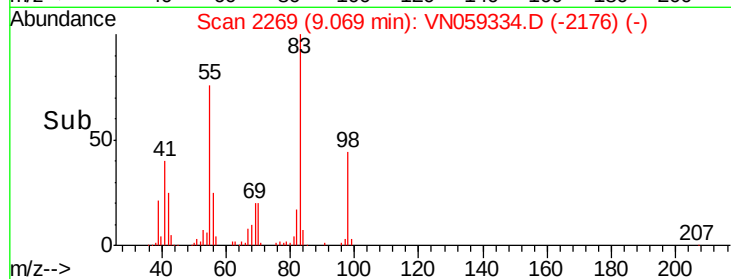
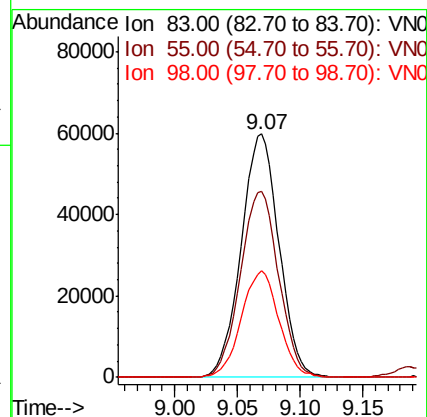
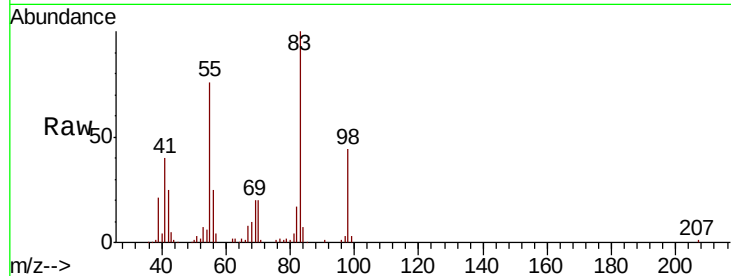




#39
Methylvlcyclohexane
Concen: 16.065 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

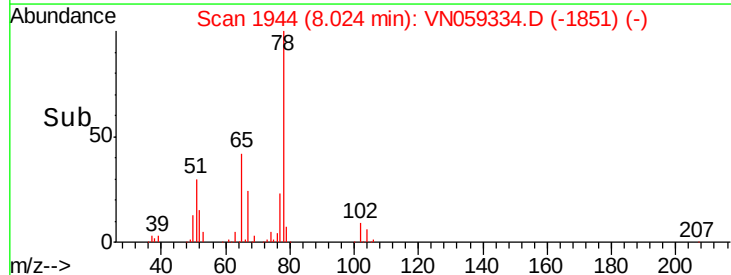
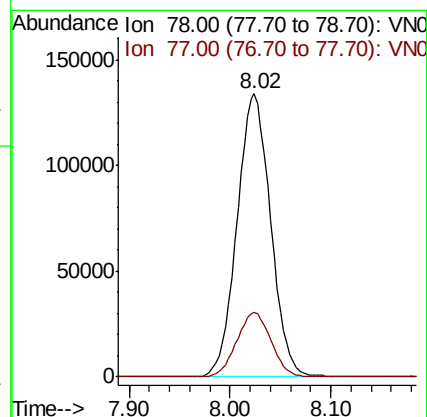
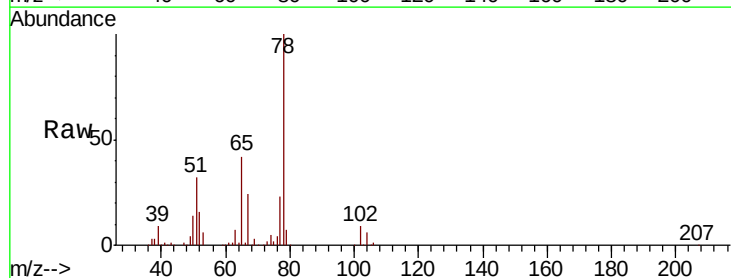
Instrument :
MSVOA_N
ClientSampleId :

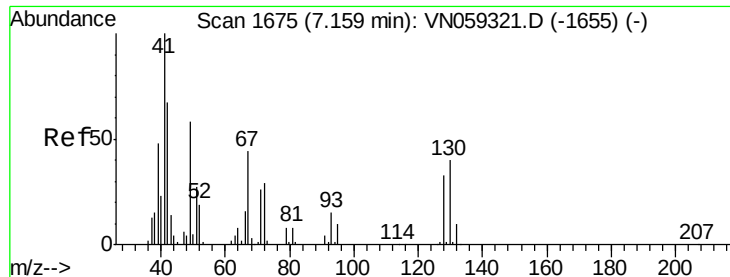
Tot Ion: 83 Resp: 125260
Ion Ratio Lower Upper
83 100
55 76.3 62.3 93.5
98 43.8 36.0 54.0



#40
Benzene
Concen: 16.311 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 78 Resp: 309545
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6

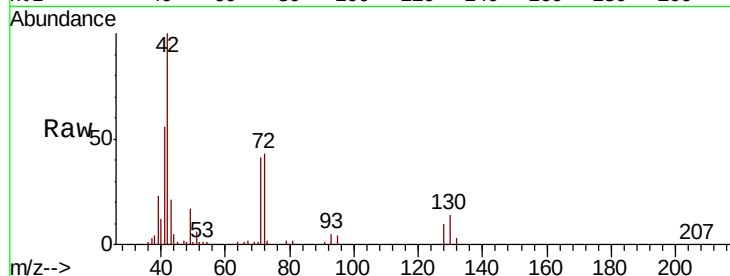




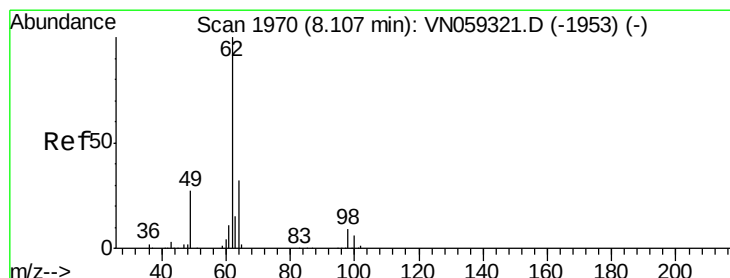
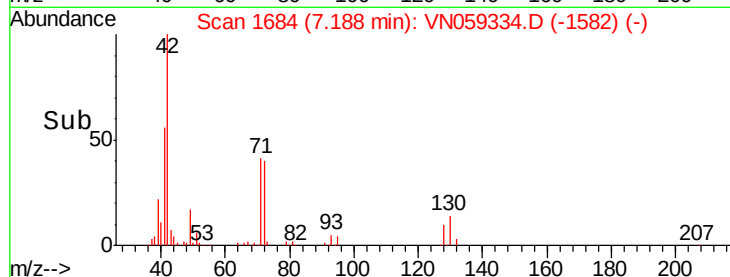
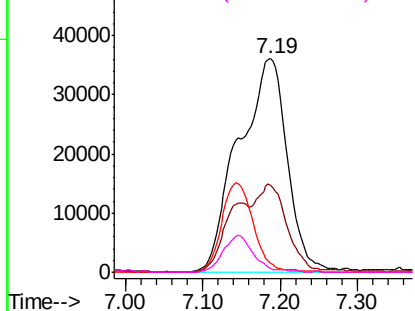
#41
Methacrylonitrile
Concen: 51.137 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.03 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	157750
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

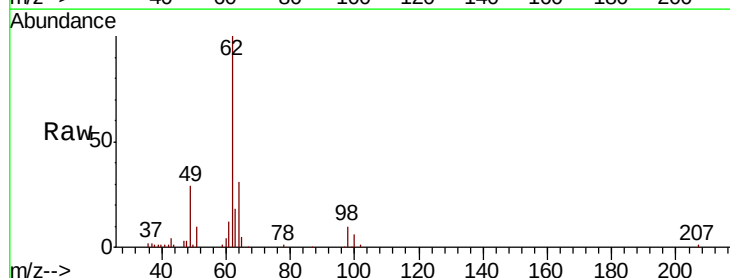


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

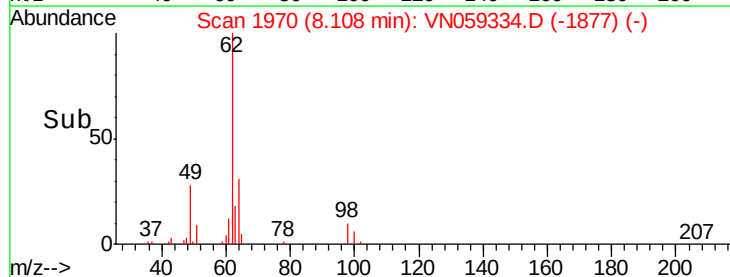
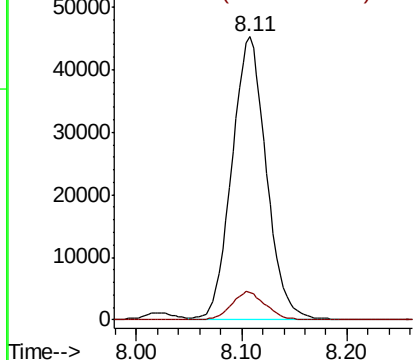


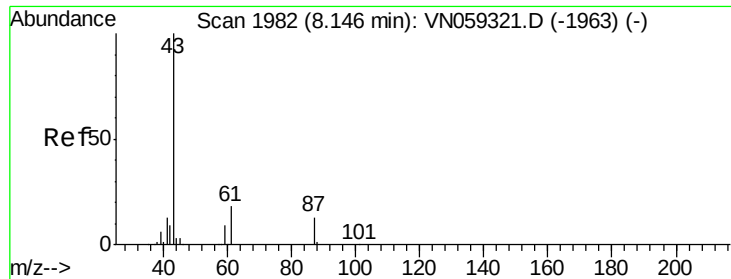
#42
1,2-Dichloroethane
Concen: 16.360 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion:	62	Resp:	102678
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6



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

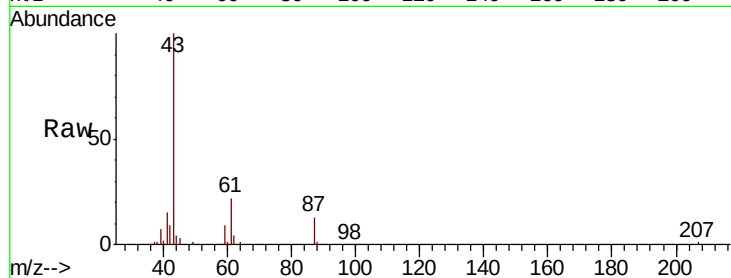




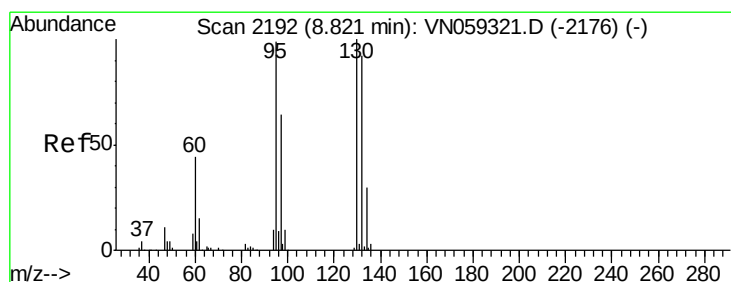
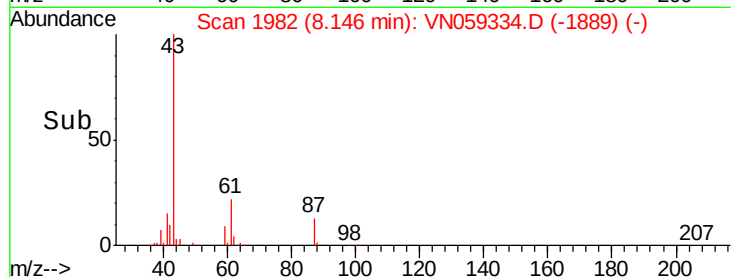
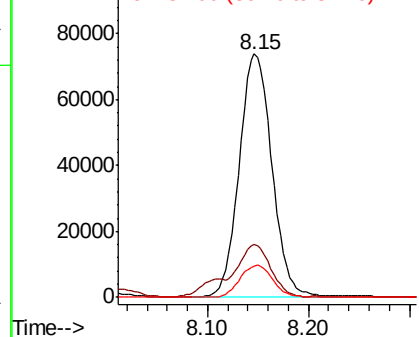
#43
Isopropyl Acetate
Concen: 15.573 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 165385
Ion Ratio Lower Upper
43 100
61 21.2 21.7 32.5#
87 13.2 10.2 15.4

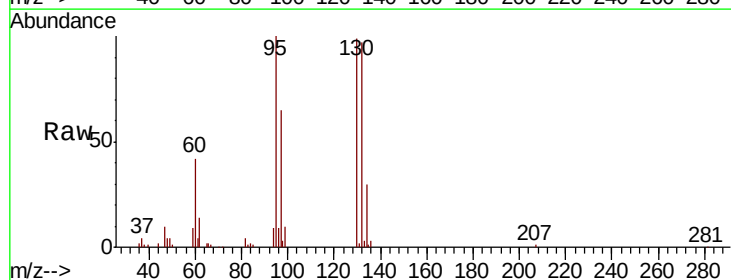


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

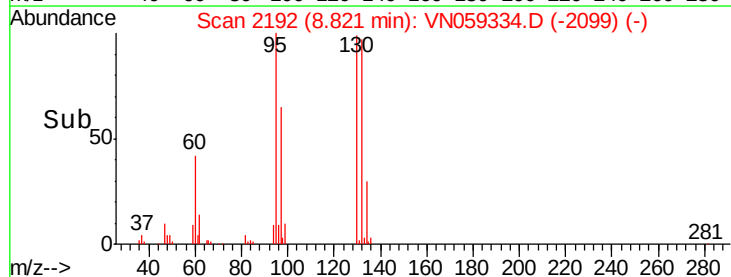
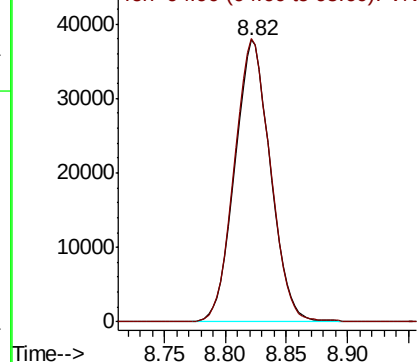


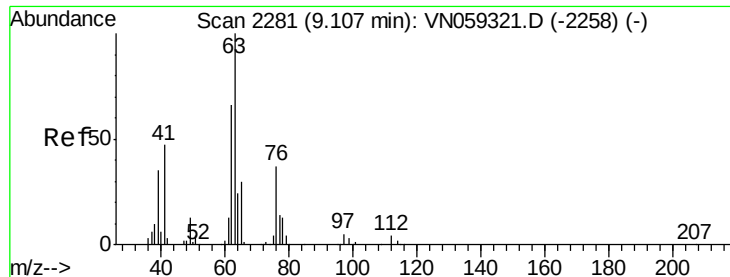
#44
Trichloroethene
Concen: 15.935 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion:130 Resp: 76642
Ion Ratio Lower Upper
130 100
95 100.6 0.0 198.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

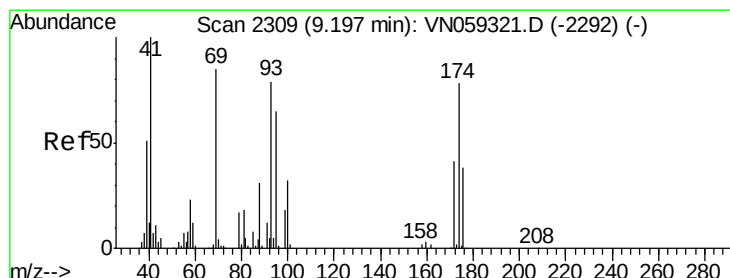
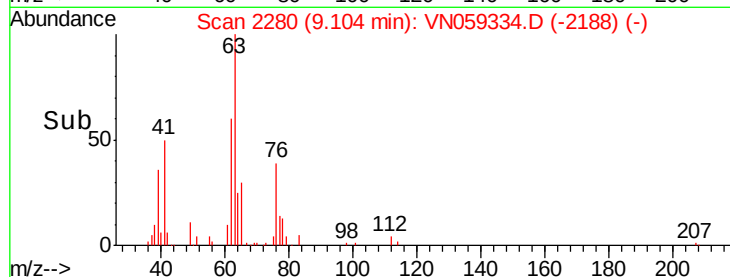
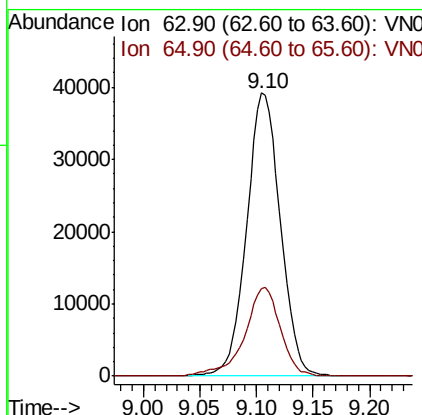
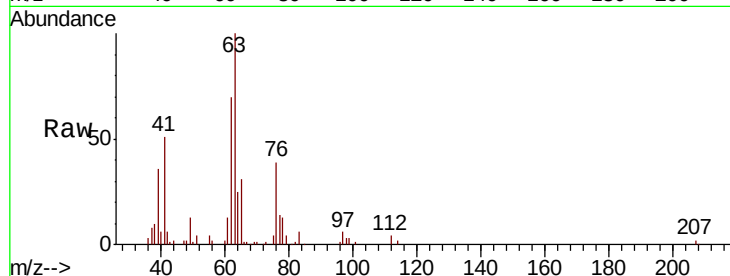




#45
 1,2-Dichloropropane
 Concen: 16.064 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

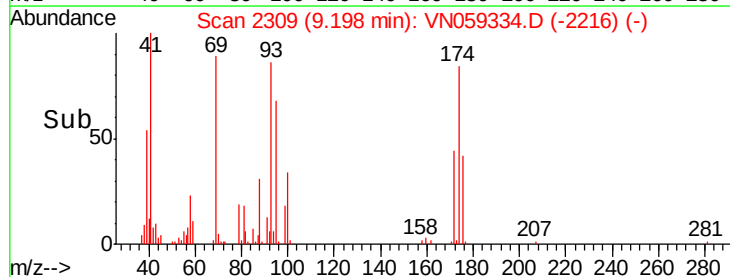
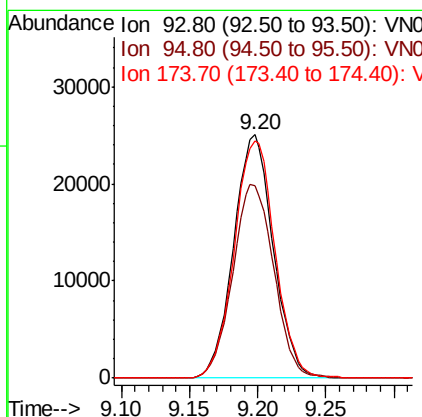
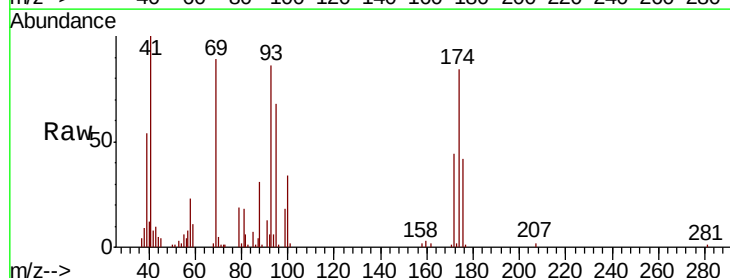
Instrument :
 MSVOA_N
 ClientSampled :

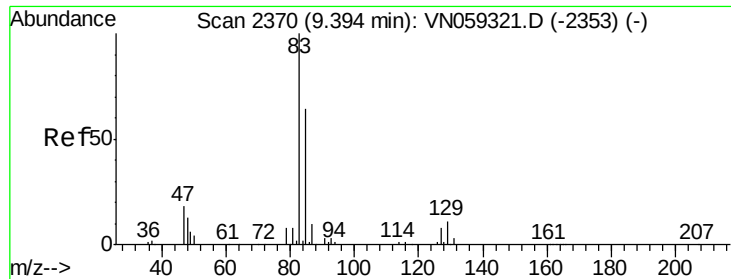
Tot Ion: 63 Resp: 81290
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 16.336 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion: 93 Resp: 50707
 Ion Ratio Lower Upper
 93 100
 95 82.1 66.9 100.3
 174 100.2 80.6 120.8





#47

Bromodichloromethane

Concen: 15.956 ug/l

RT: 9.39 min Scan# 2369

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampleId :

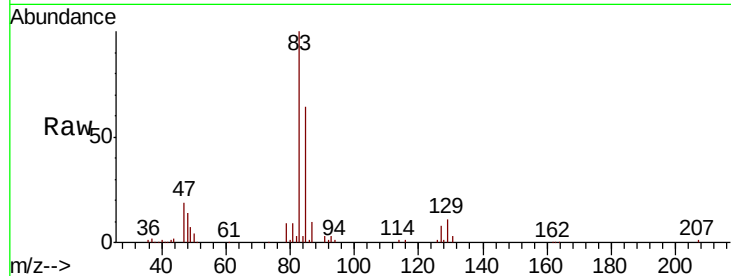
Tot Ion: 83 Resp: 99186

Ion Ratio Lower Upper

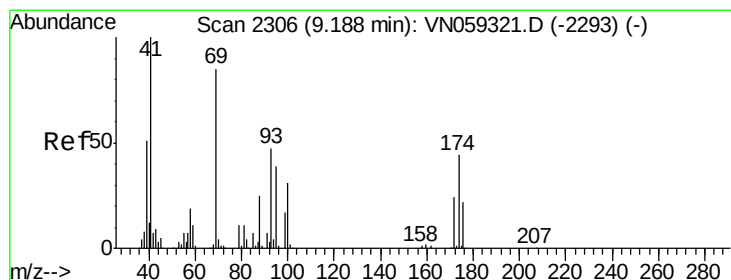
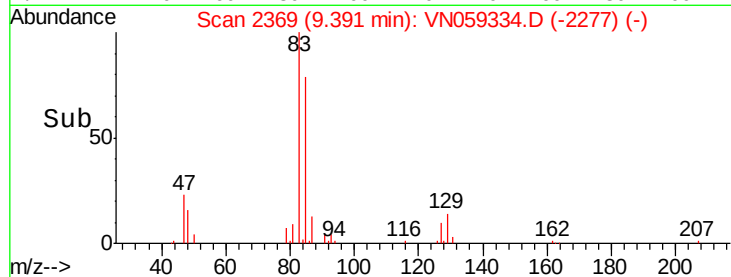
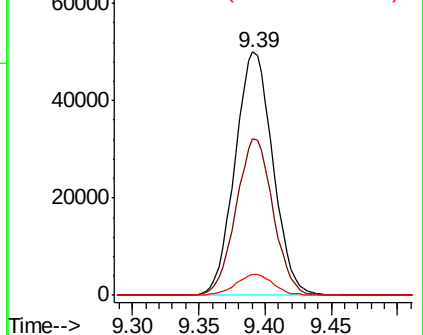
83 100

85 64.1 51.5 77.3

127 8.4 6.6 10.0



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



#48

Methyl methacrylate

Concen: 15.036 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

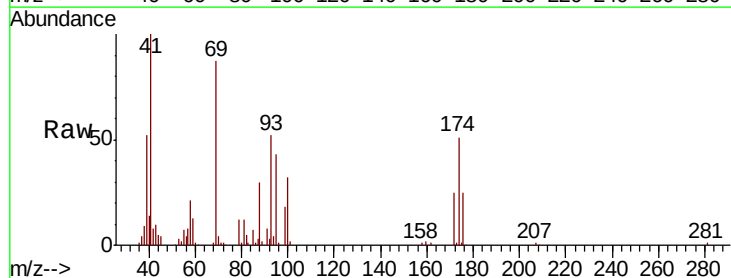
Tgt Ion: 41 Resp: 72615

Ion Ratio Lower Upper

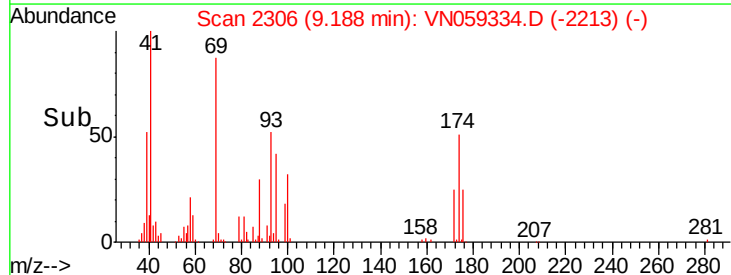
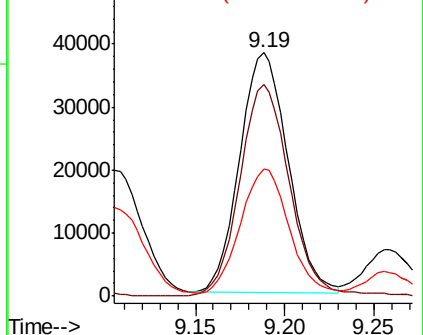
41 100

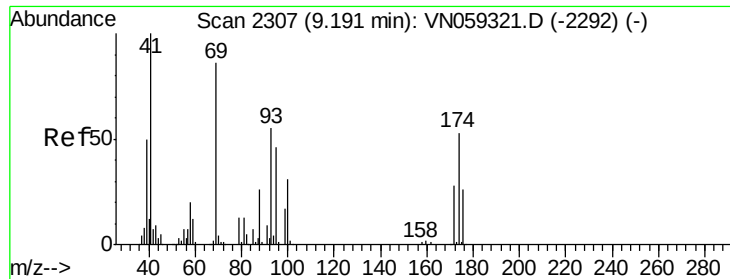
69 90.3 68.8 103.2

39 53.7 42.1 63.1



Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

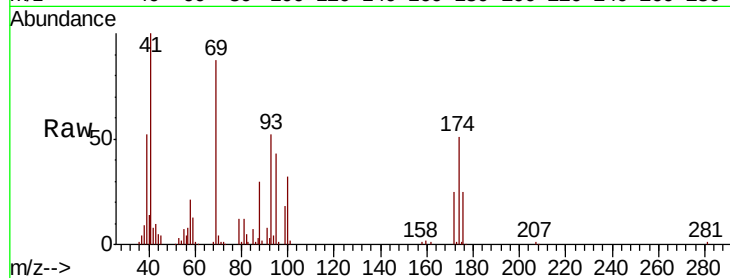




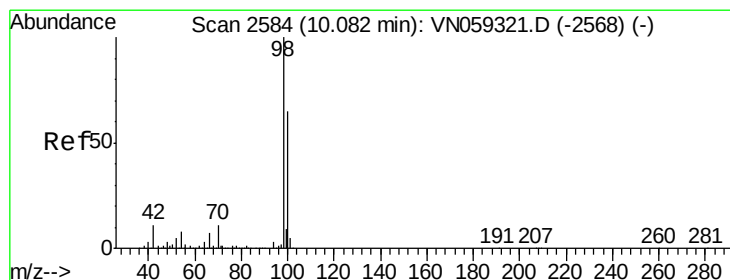
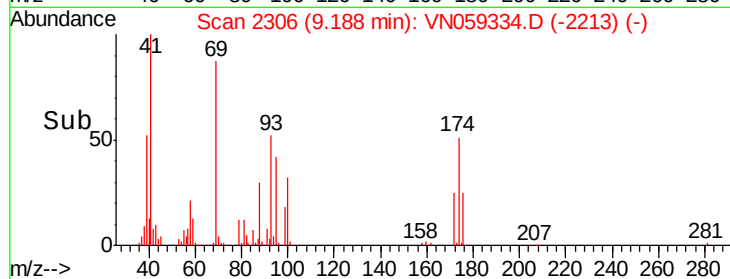
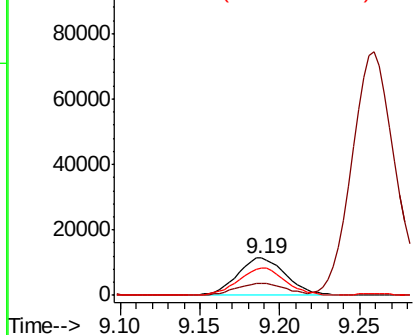
#49
1,4-Dioxane
Concen: 326.884 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 23726
Ion Ratio Lower Upper
88 100
43 34.1 26.9 40.3
58 70.5 59.2 88.8

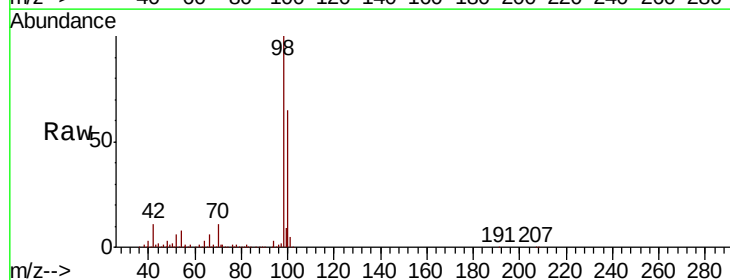


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

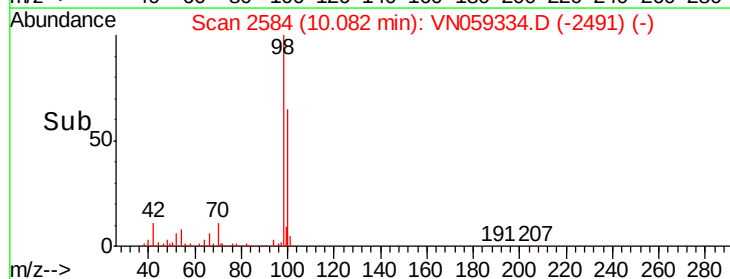
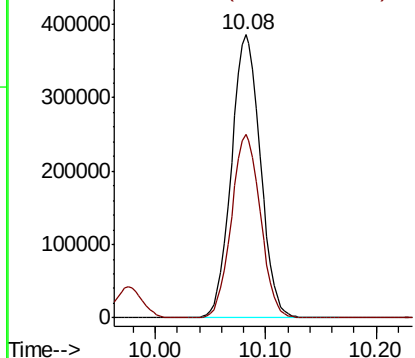


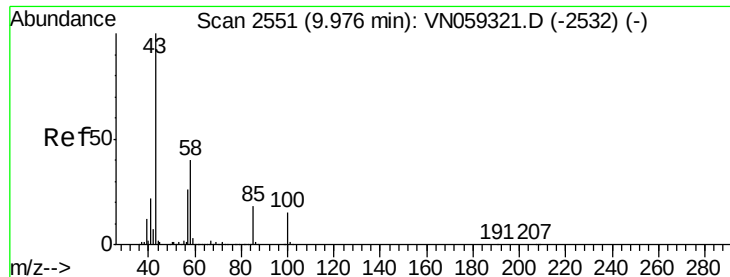
#50
Toluene-d8
Concen: 46.987 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 98 Resp: 701890
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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: 83.681 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

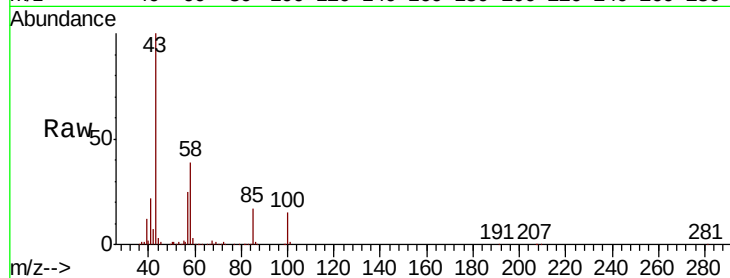
ClientSampleId :

Tot Ion: 43 Resp: 520175

Ion Ratio Lower Upper

43 100

58 39.5 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-2532) (-)

9.98

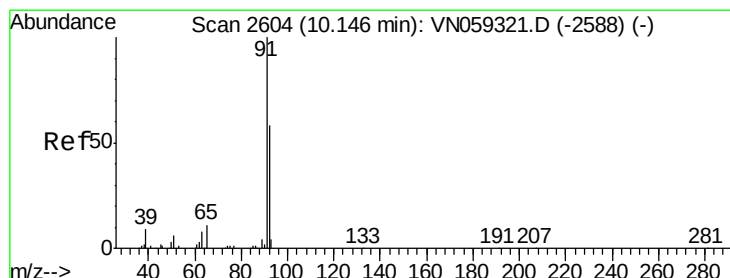
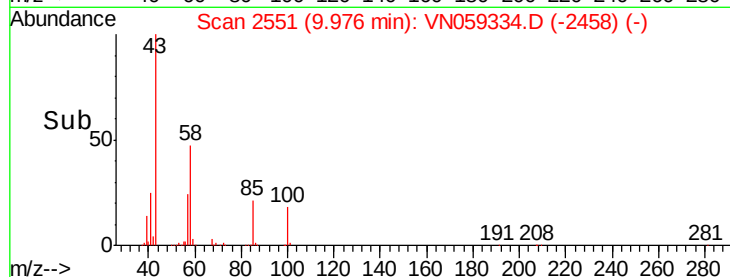
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 16.202 ug/l

RT: 10.15 min Scan# 2605

Delta R.T. 0.00 min

Lab File: VN059334.D

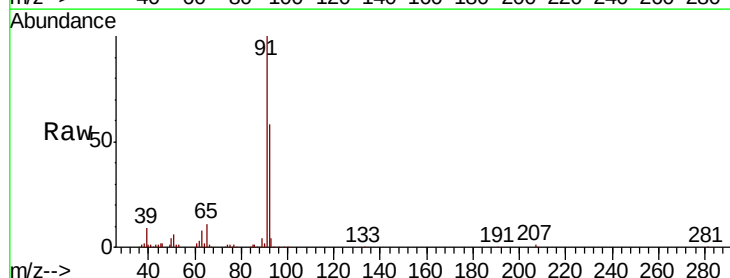
Acq: 21 Nov 2019 14:44

Tgt Ion: 92 Resp: 184879

Ion Ratio Lower Upper

92 100

91 173.7 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VN059321.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059321.D (-2588) (-)

10.15

200000

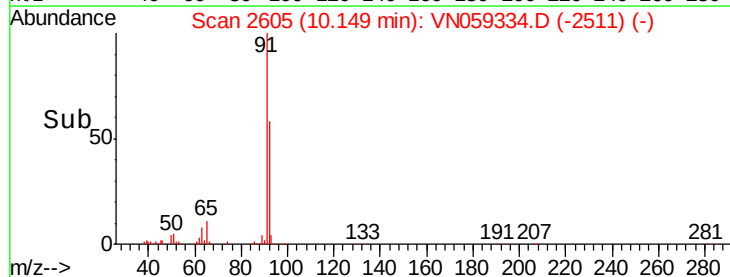
150000

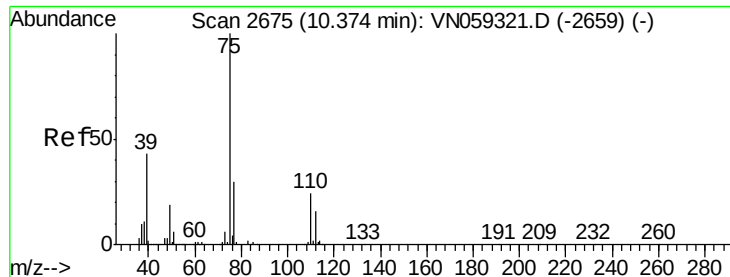
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 15.705 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

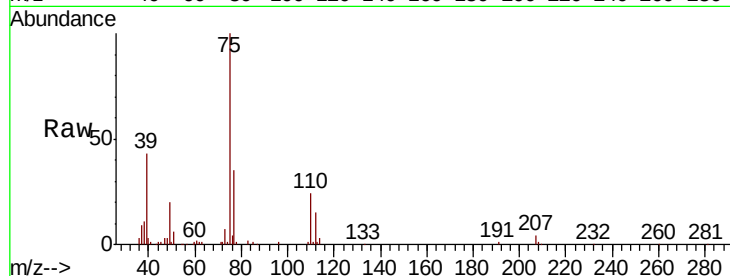
ClientSampleId :

Tot Ion: 75 Resp: 113491

Ion Ratio Lower Upper

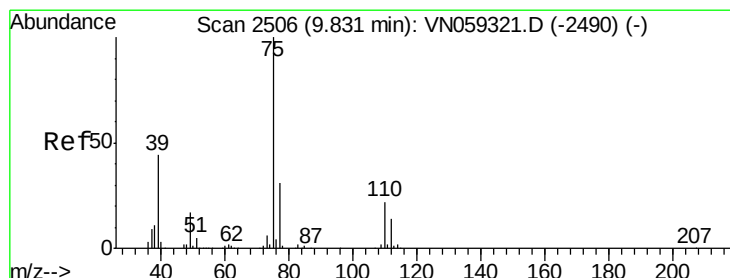
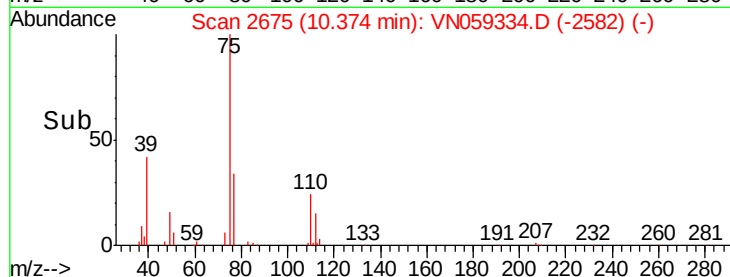
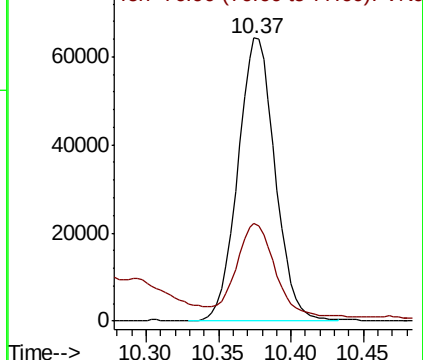
75 100

77 32.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 16.201 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

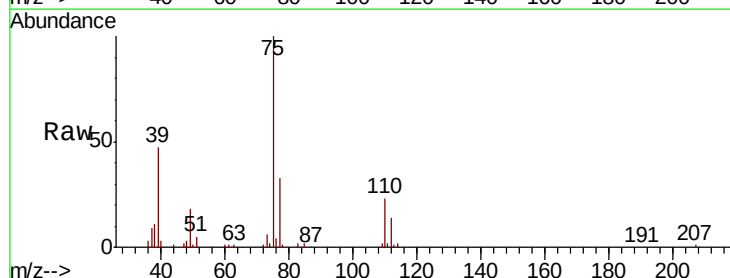
Tgt Ion: 75 Resp: 127039

Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

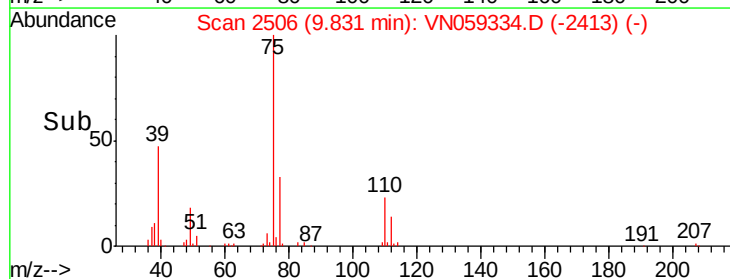
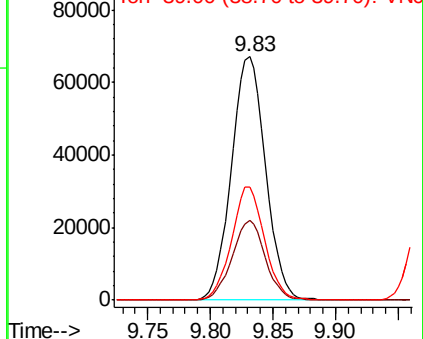
39 46.6 35.5 53.3

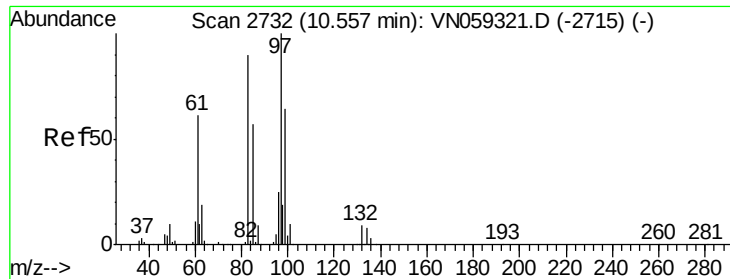


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

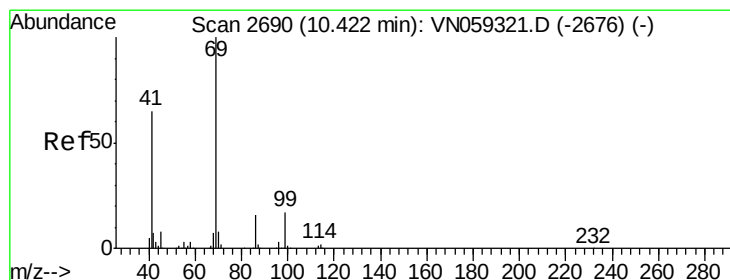
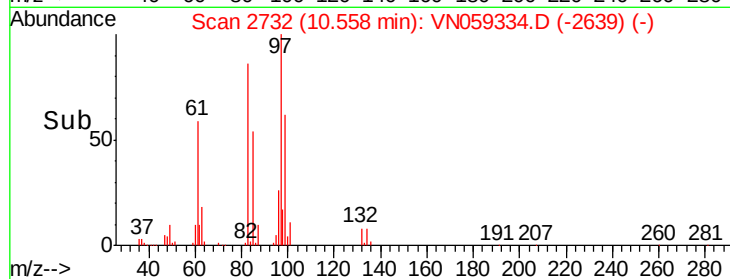
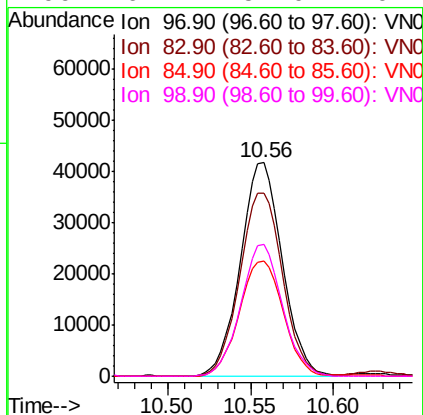
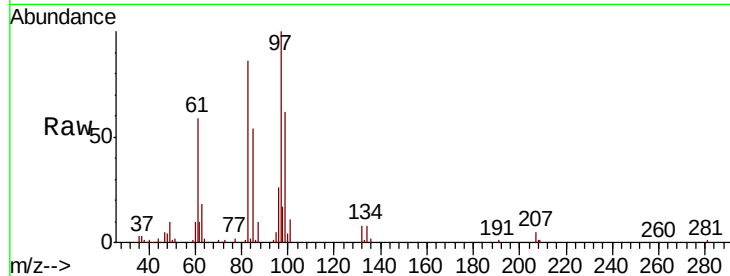




#55
 1,1,2-Trichloroethane
 Concen: 16.559 ug/l
 RT: 10.56 min Scan# 2732
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

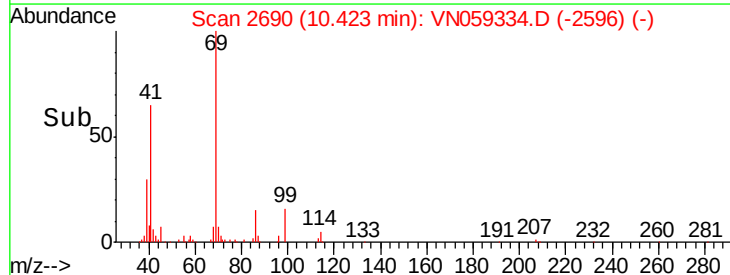
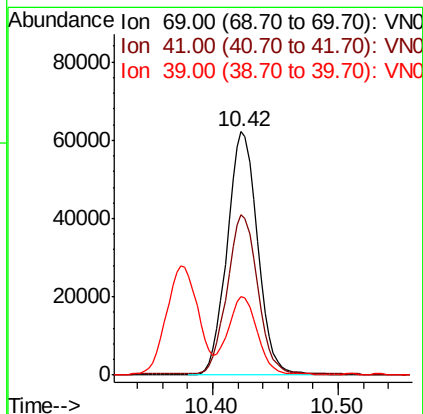
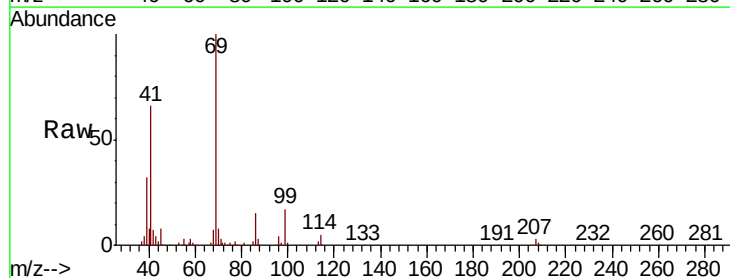
Instrument :
 MSVOA_N
 ClientSampleId :

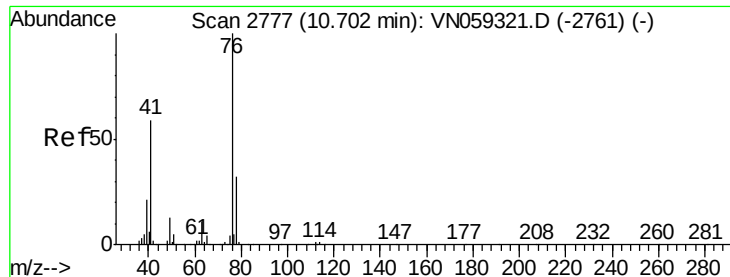
Tot Ion:	97	Resp:	73466
Ion	Ratio	Lower	Upper
97	100		
83	85.9	72.0	108.0
85	53.7	45.8	68.6
99	61.7	51.0	76.4



#56
 Ethyl methacrylate
 Concen: 15.603 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion:	69	Resp:	105091
Ion	Ratio	Lower	Upper
69	100		
41	65.2	51.7	77.5
39	31.4	25.2	37.8





#57

1,3-Dichloropropane

Concen: 16.237 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

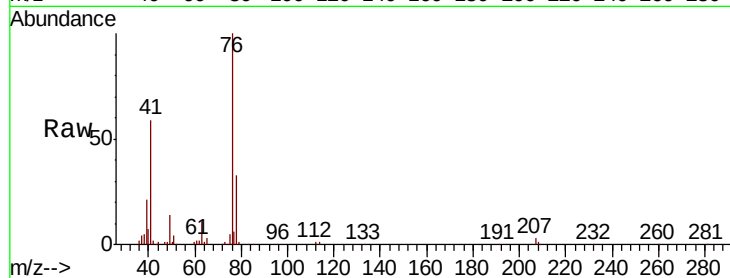
ClientSampleId :

Tot Ion: 76 Resp: 125552

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

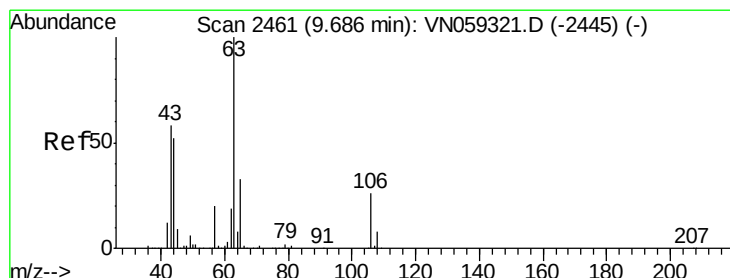
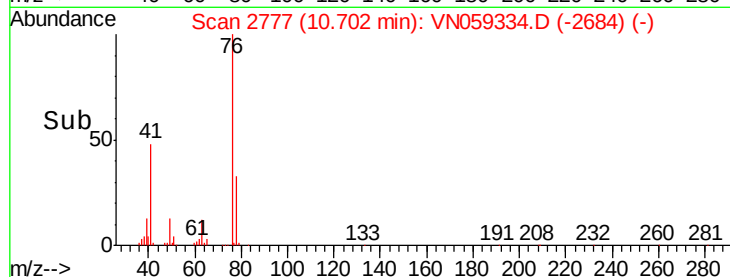
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 82.689 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059334.D

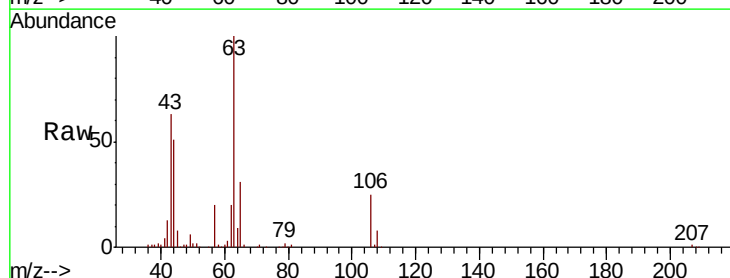
Acq: 21 Nov 2019 14:44

Tgt Ion: 63 Resp: 181280

Ion Ratio Lower Upper

63 100

106 25.5 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

120000

100000

80000

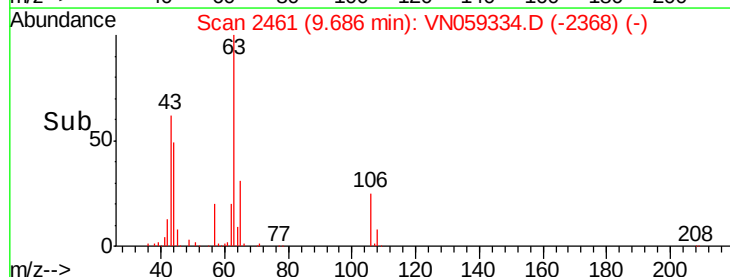
60000

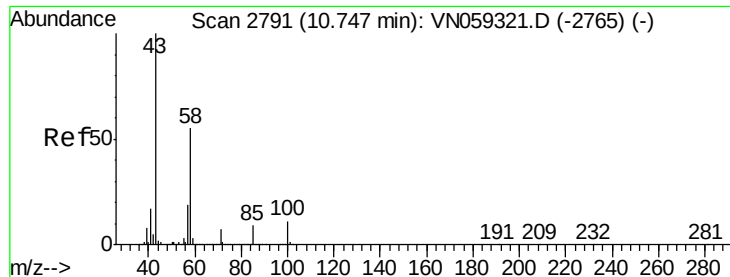
40000

20000

0

Time--> 9.60 9.70 9.80

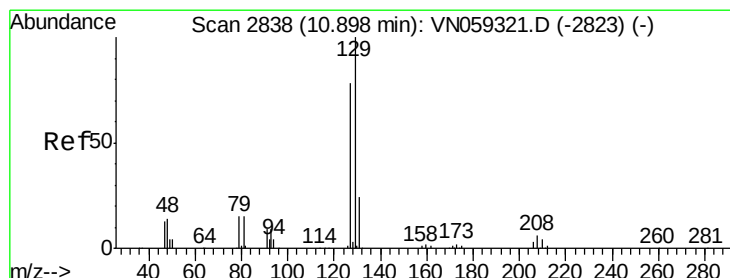
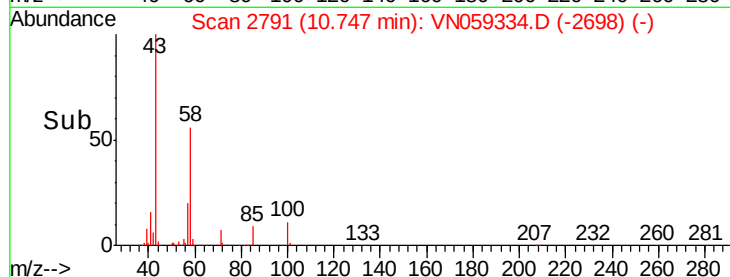
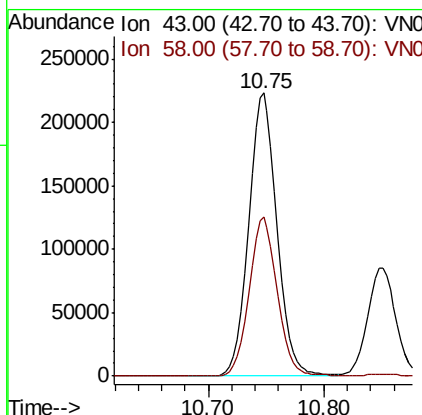
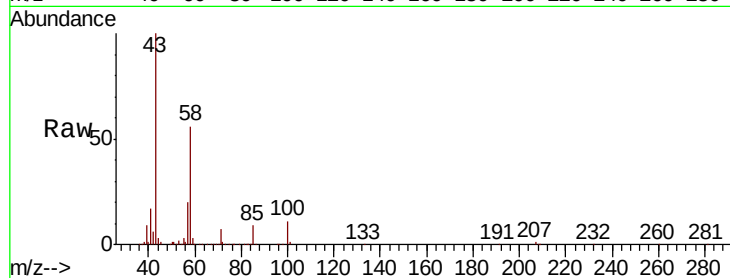




#59
2-Hexanone
Concen: 83.245 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

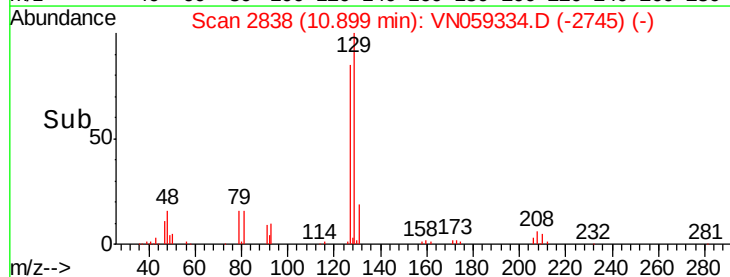
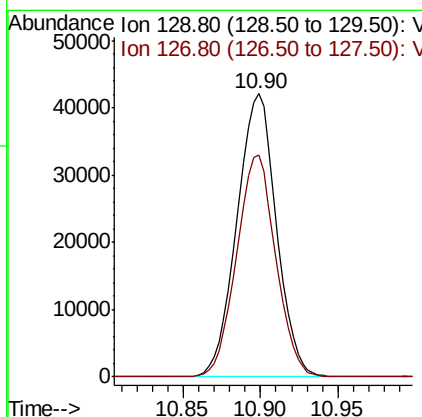
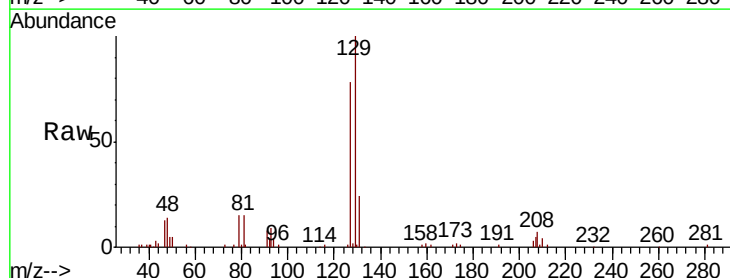
Instrument :
MSVOA_N
ClientSampled :

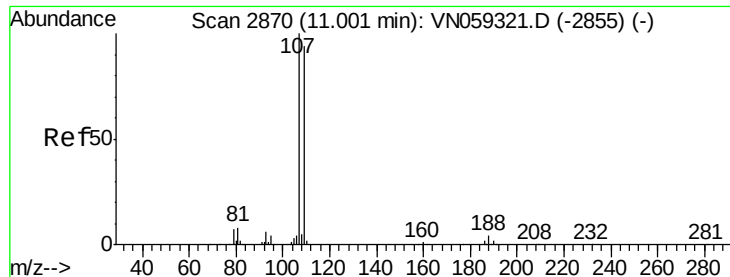
Tot Ion: 43 Resp: 378911
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.0



#60
Dibromochloromethane
Concen: 15.989 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 129 Resp: 74750
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 16.162 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

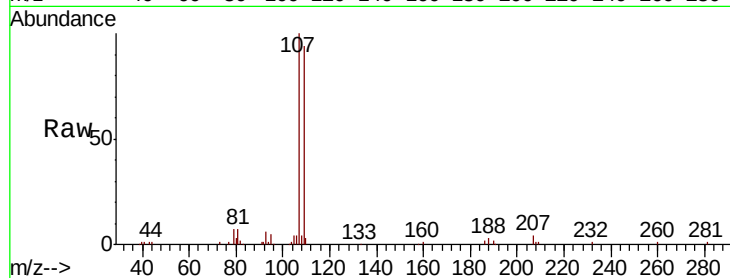
ClientSampled :

Tot Ion: 107 Resp: 74607

Ion Ratio Lower Upper

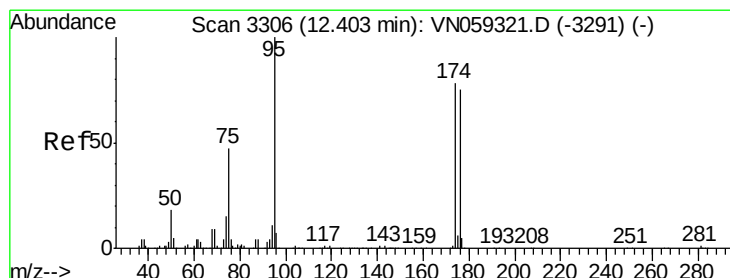
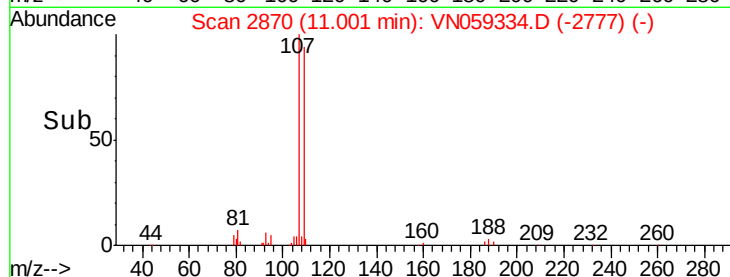
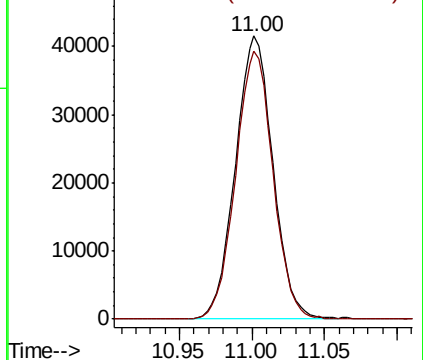
107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.486 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

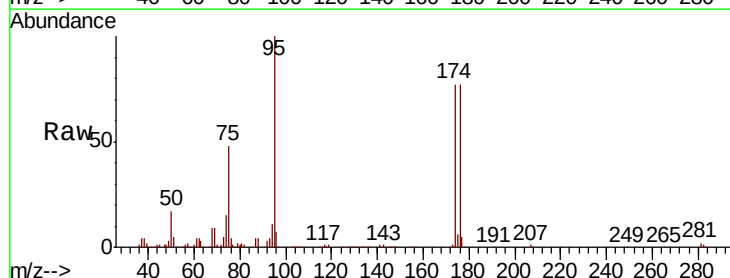
Tgt Ion: 95 Resp: 242802

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.4

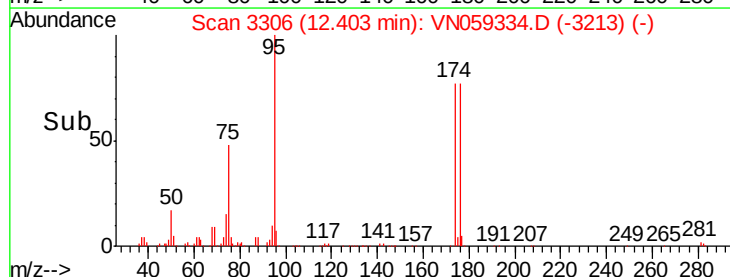
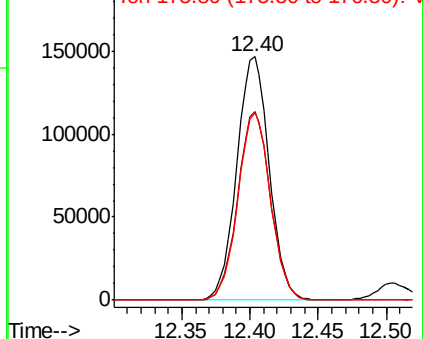
176 76.7 0.0 151.2

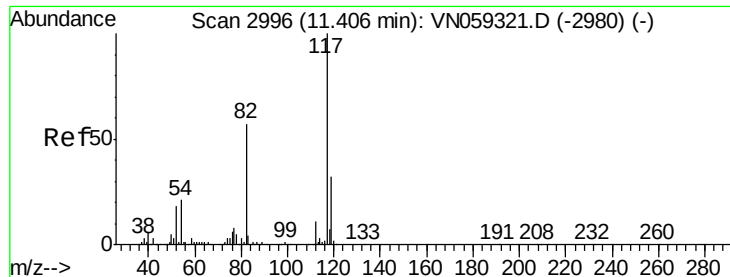


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

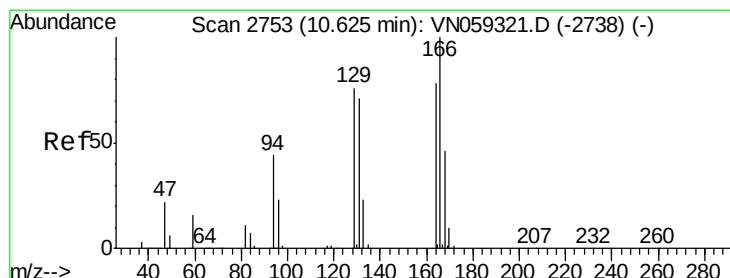
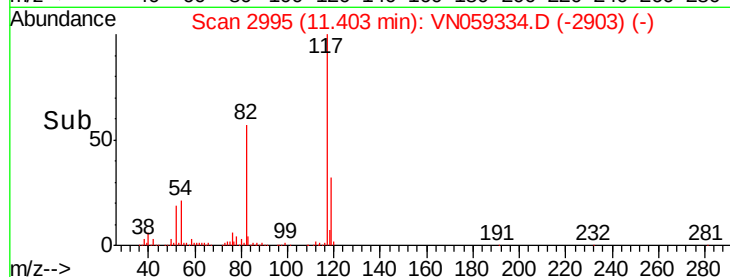
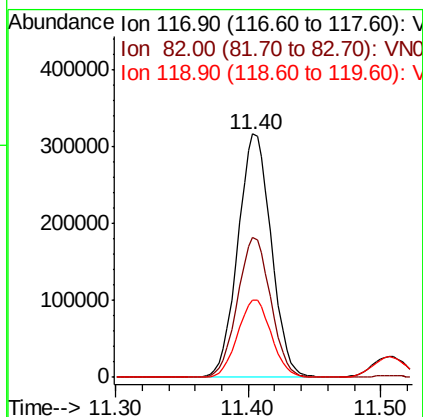
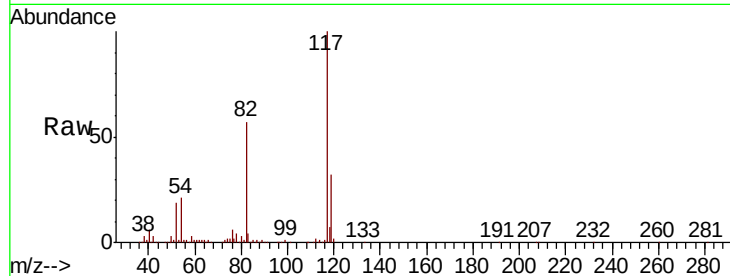




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

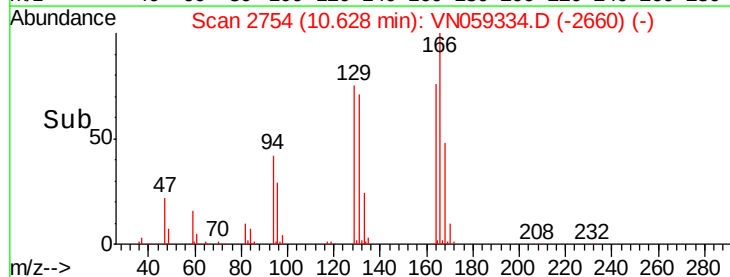
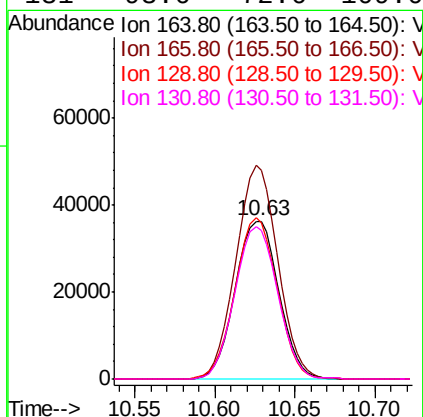
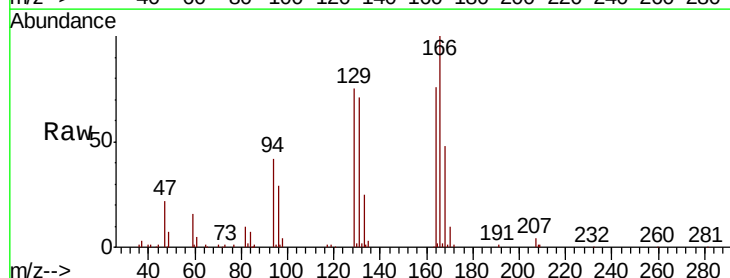
Instrument :
MSVOA_N
ClientSampleId :

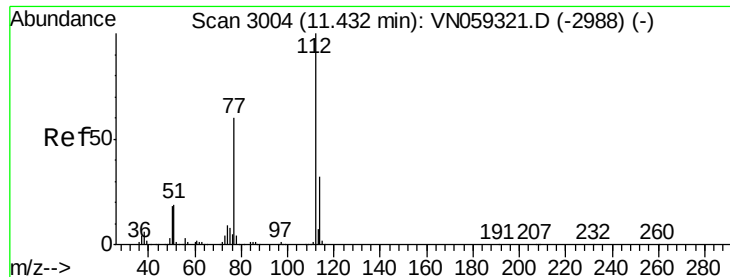
Tot Ion:117 Resp: 552163
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 15.816 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion:164 Resp: 67543
Ion Ratio Lower Upper
164 100
166 132.0 102.9 154.3
129 98.9 78.2 117.2
131 93.6 72.6 109.0

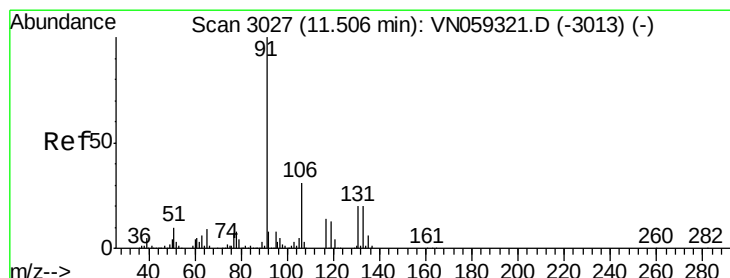
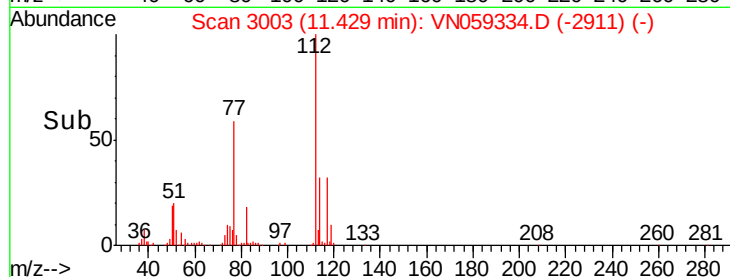
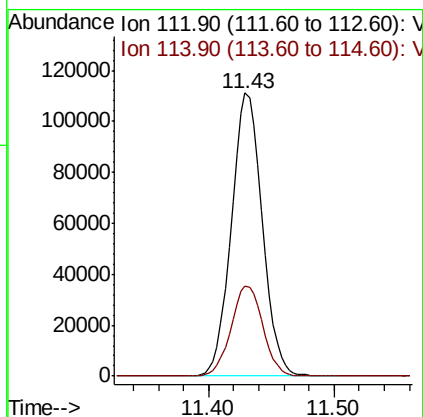
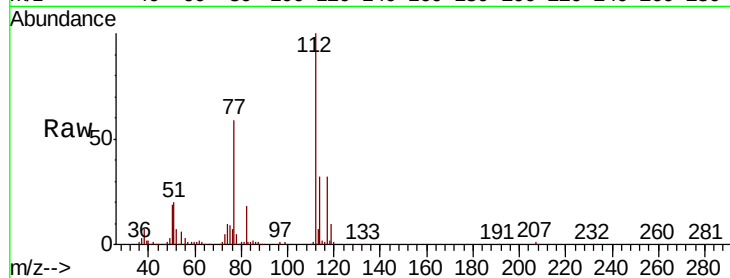




#65
Chlorobenzene
Concen: 15.997 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

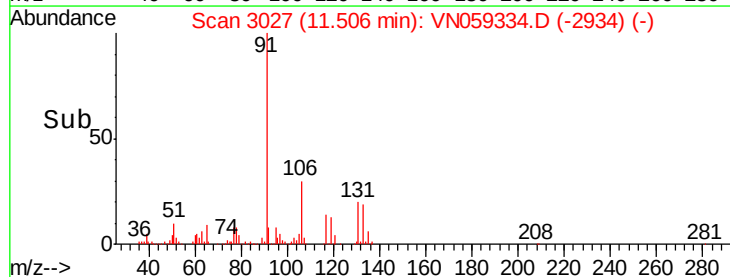
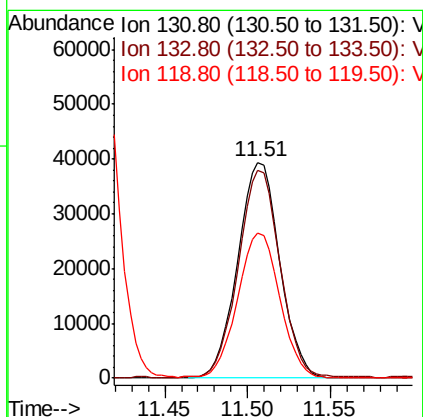
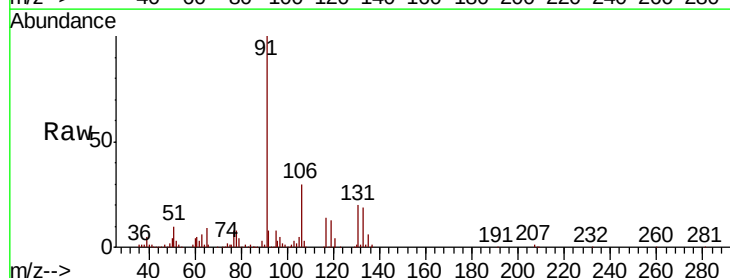
Instrument :
MSVOA_N
ClientSampled :

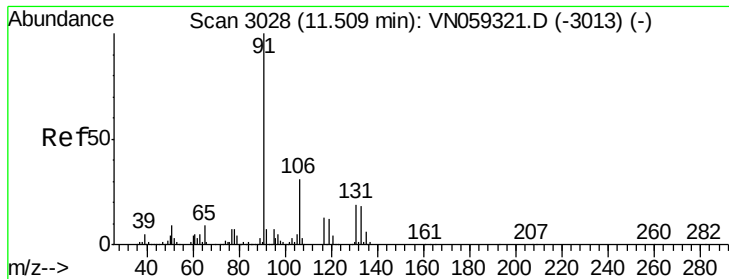
Tot Ion:112 Resp: 189933
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 16.073 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion:131 Resp: 69327
Ion Ratio Lower Upper
131 100
133 95.1 48.2 144.6
119 68.0 33.6 100.6





#67

Ethyl Benzene

Concen: 16.321 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

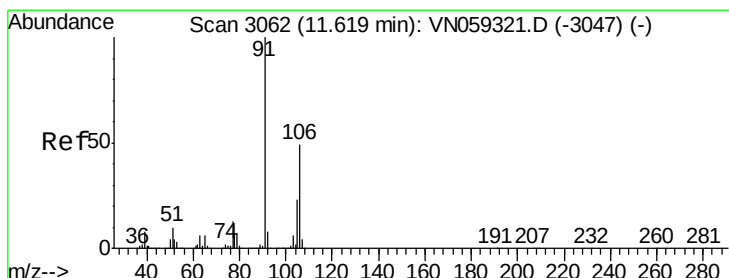
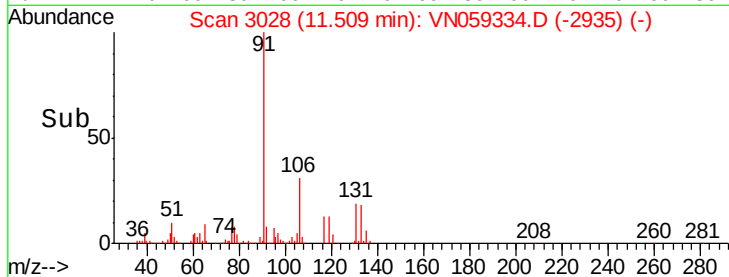
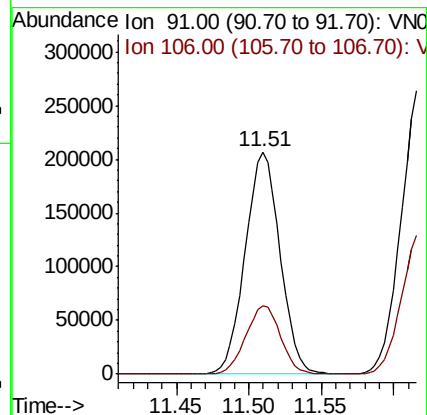
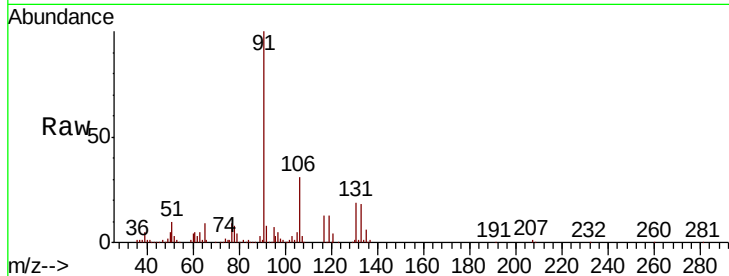
ClientSampleId :

Tot Ion: 91 Resp: 345992

Ion Ratio Lower Upper

91 100

106 31.0 24.6 37.0



#68

m/p-Xylenes

Concen: 32.740 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059334.D

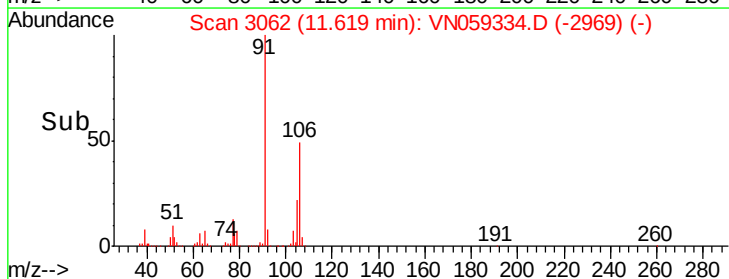
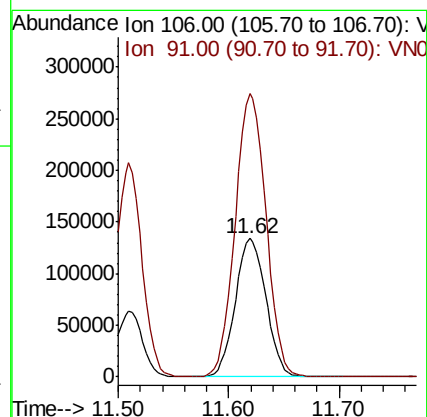
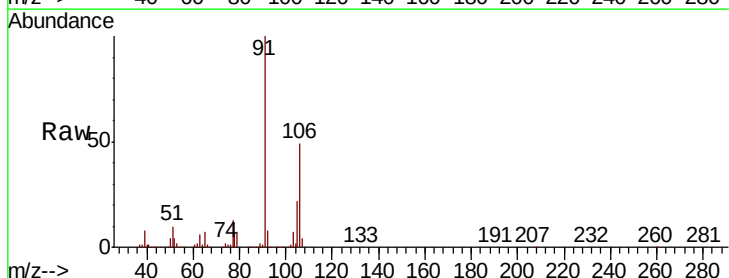
Acq: 21 Nov 2019 14:44

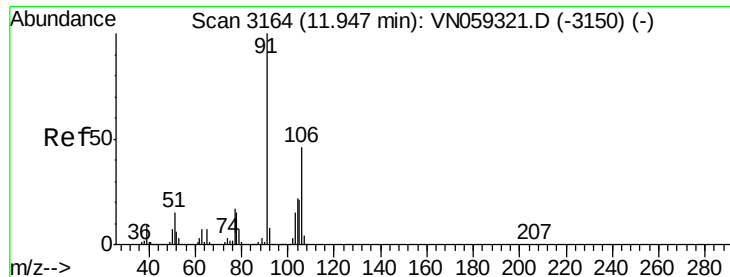
Tgt Ion: 106 Resp: 257897

Ion Ratio Lower Upper

106 100

91 205.8 163.2 244.8

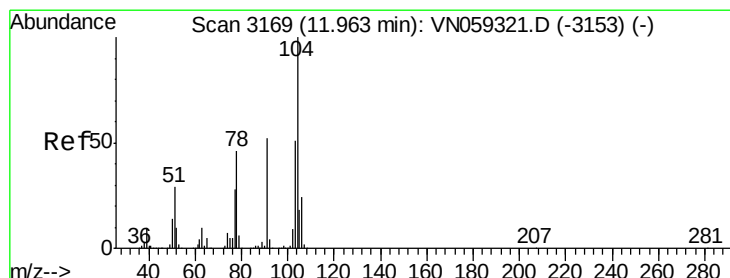
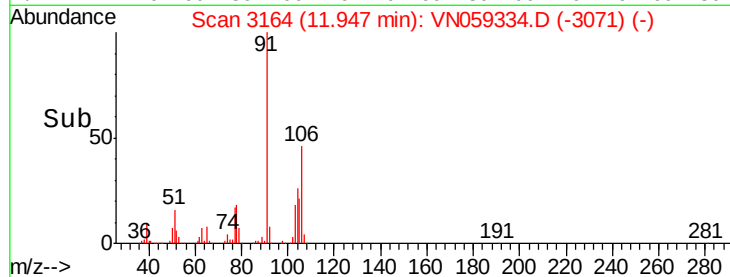
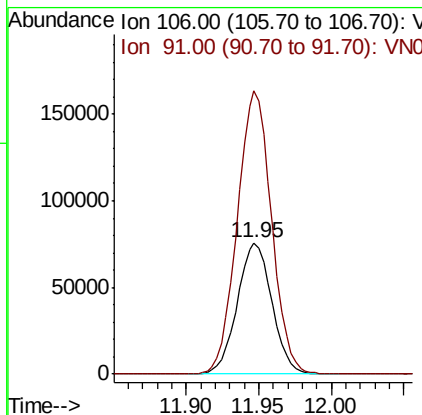
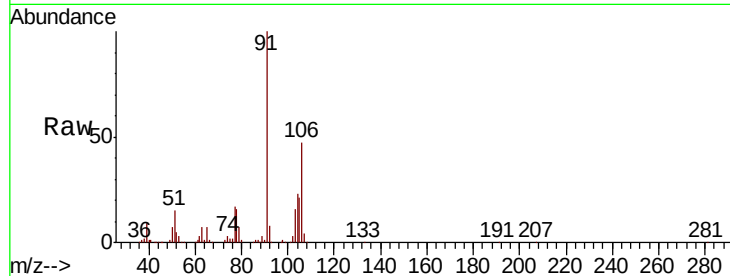




#69
o-Xylene
Concen: 16.646 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

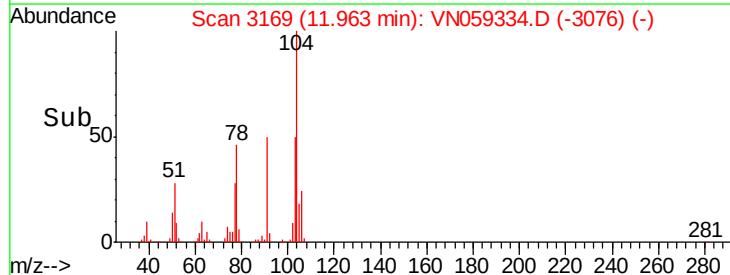
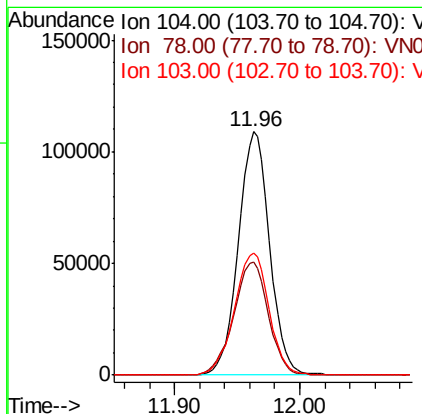
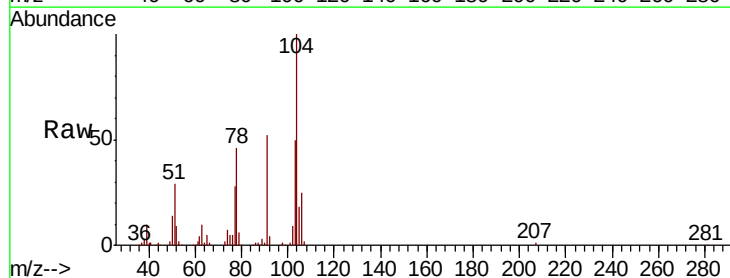
Instrument :
MSVOA_N
ClientSampleId :

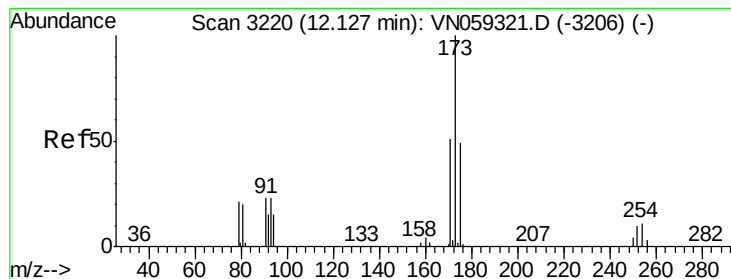
Tot Ion:106 Resp: 125525
Ion Ratio Lower Upper
106 100
91 213.6 109.3 327.9



#70
Styrene
Concen: 15.863 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion:104 Resp: 188753
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 55.4 43.6 65.4





#71

Bromoform

Concen: 15.951 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

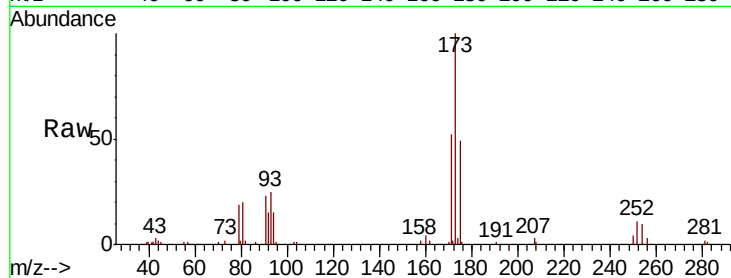
Tot Ion:173 Resp: 52105

Ion Ratio Lower Upper

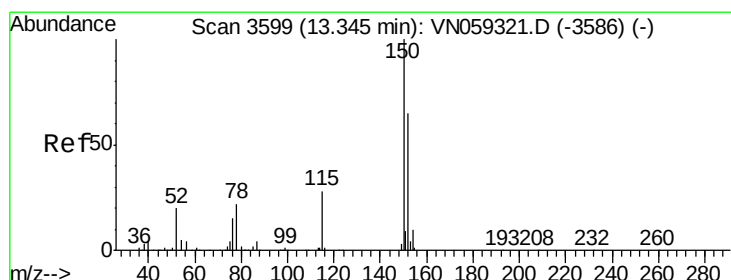
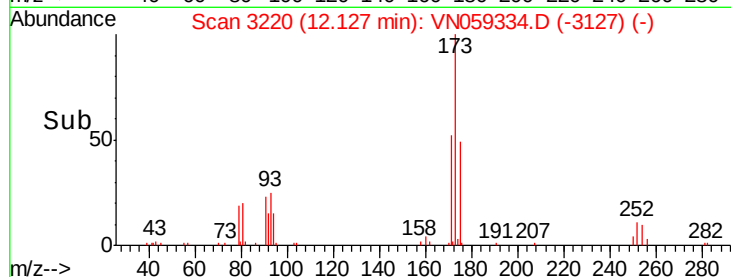
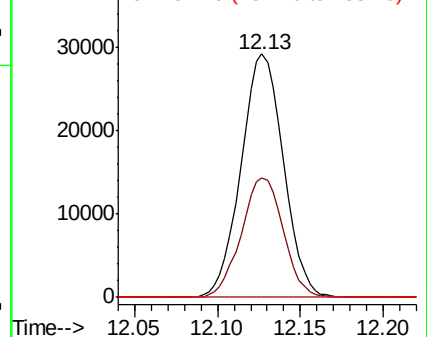
173 100

175 48.7 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

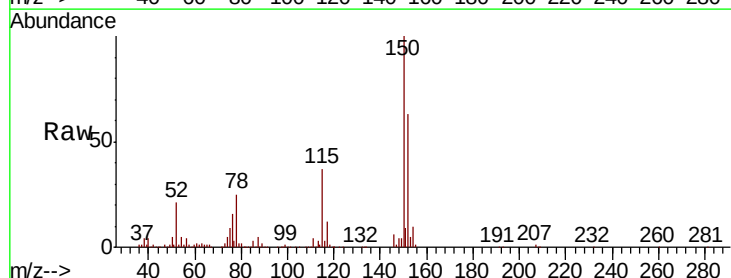
Tgt Ion:152 Resp: 246215

Ion Ratio Lower Upper

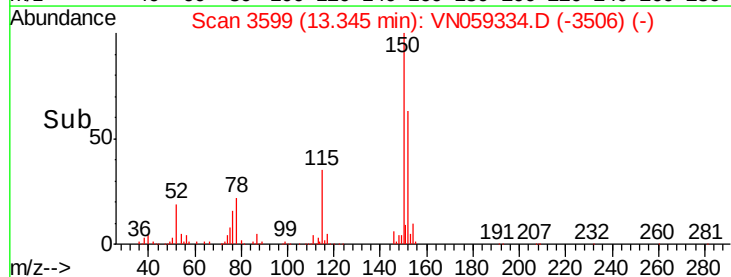
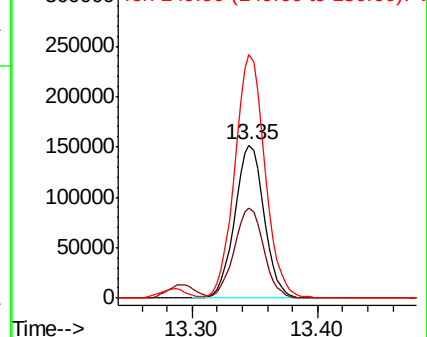
152 100

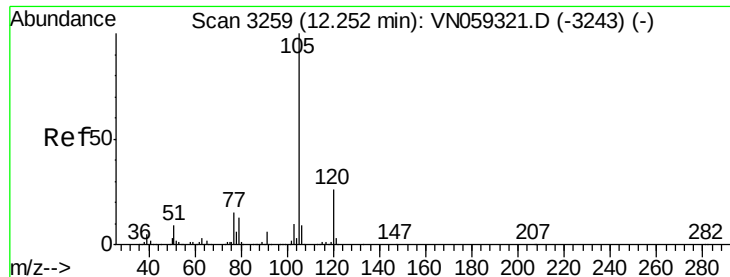
115 59.4 29.3 88.0

150 163.7 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.330 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

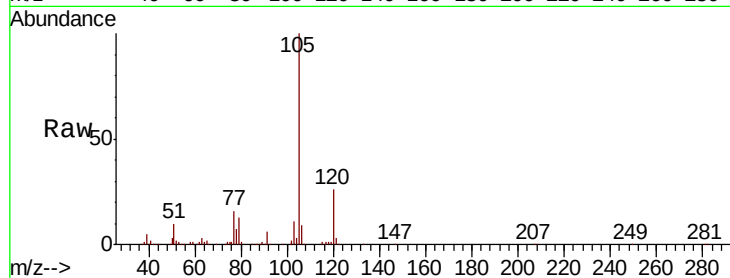
ClientSampleId :

Tot Ion:105 Resp: 329374

Ion Ratio Lower Upper

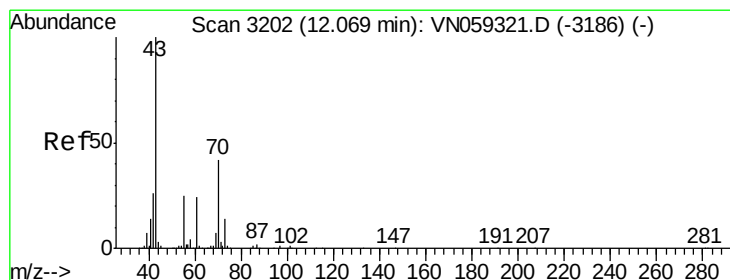
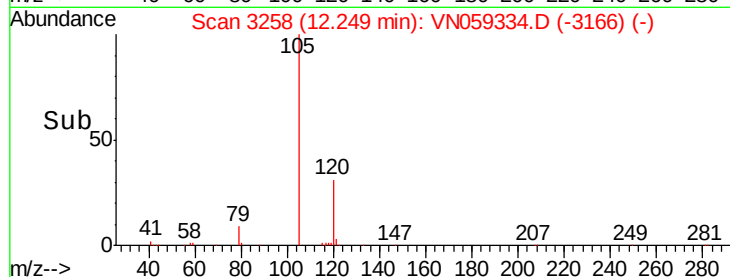
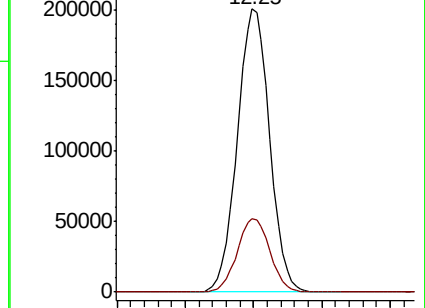
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.271 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Tgt Ion: 43 Resp: 123783

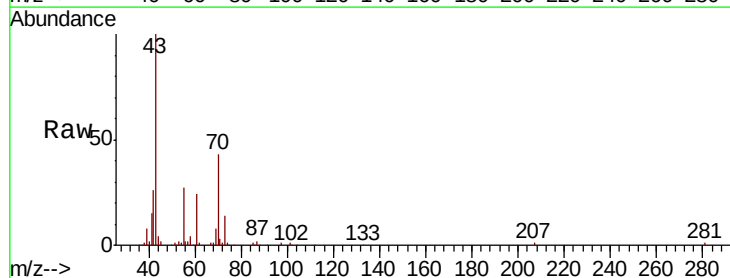
Ion Ratio Lower Upper

43 100

70 43.3 33.8 50.6

55 27.3 20.3 30.5

61 25.1 19.9 29.9

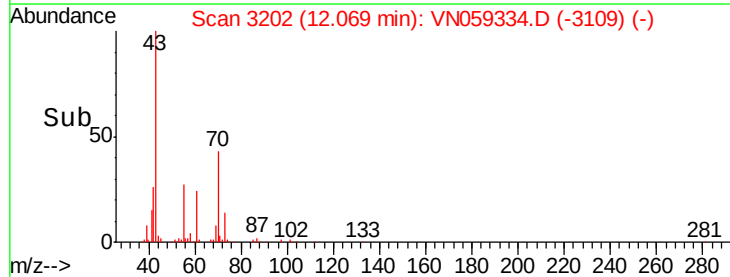
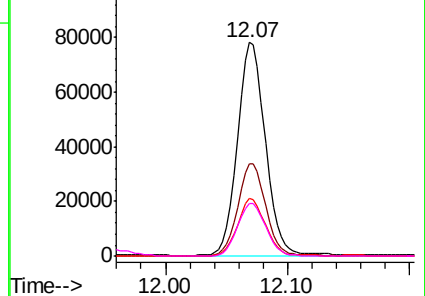


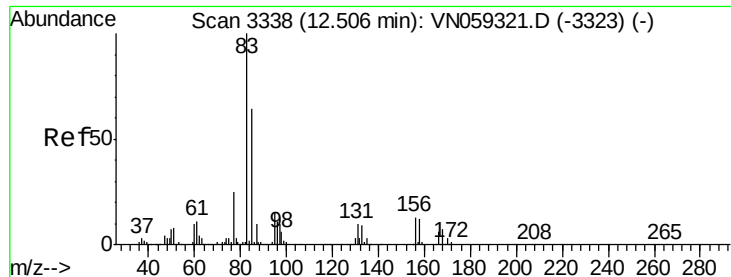
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 16.205 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

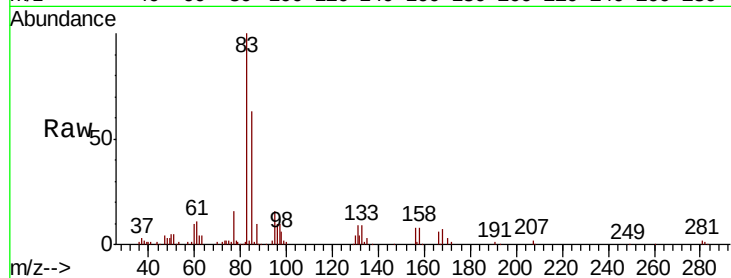
Tot Ion: 83 Resp: 108118

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

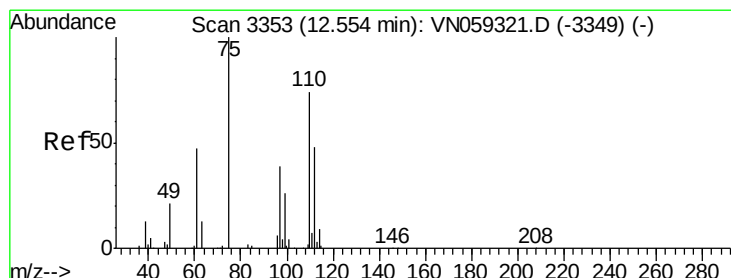
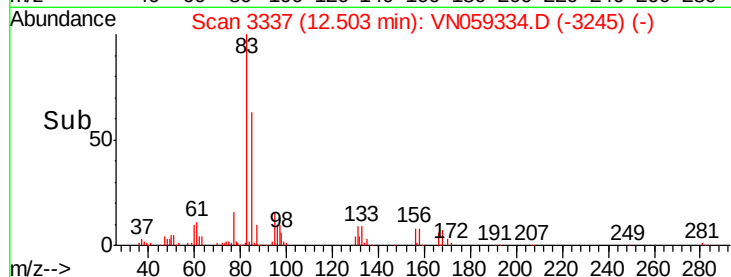
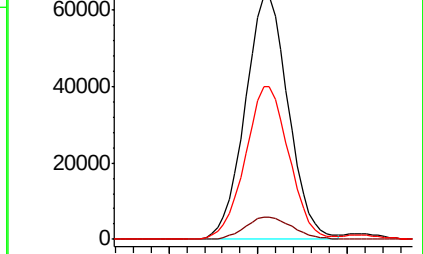
85 63.2 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059334.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059334.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059334.D (-3245) (-)



#76

1,2,3-Trichloropropane

Concen: 24.881 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059334.D

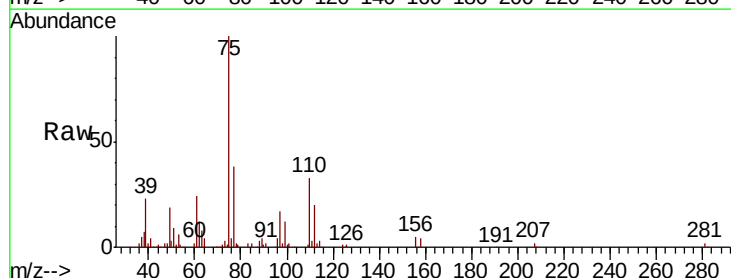
Acq: 21 Nov 2019 14:44

Tgt Ion: 75 Resp: 141528

Ion Ratio Lower Upper

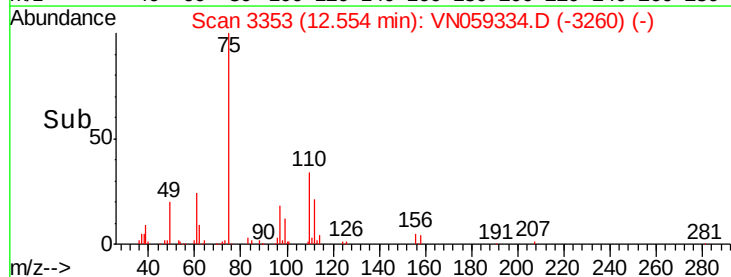
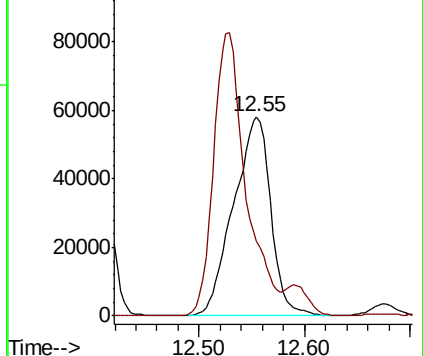
75 100

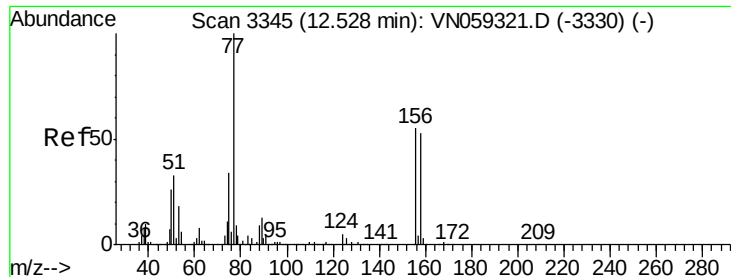
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059334.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059334.D (-3260) (-)





#77

Bromobenzene

Concen: 16.108 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

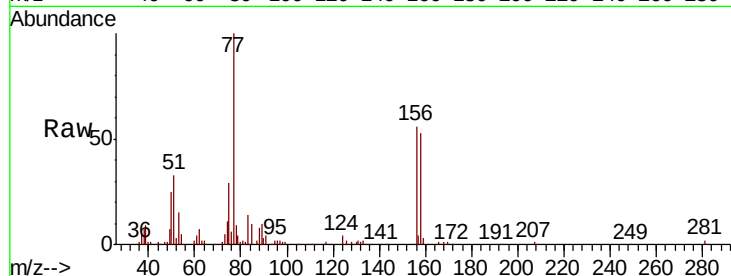
Tot Ion:156 Resp: 78803

Ion Ratio Lower Upper

156 100

77 222.9 111.1 333.4

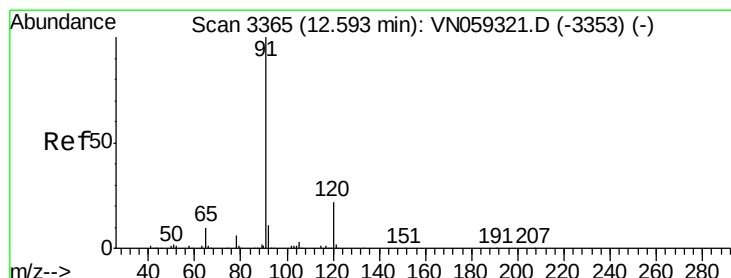
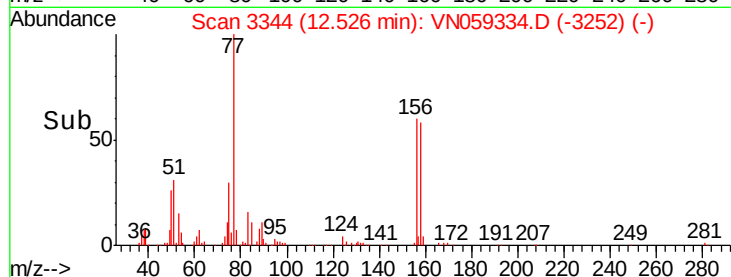
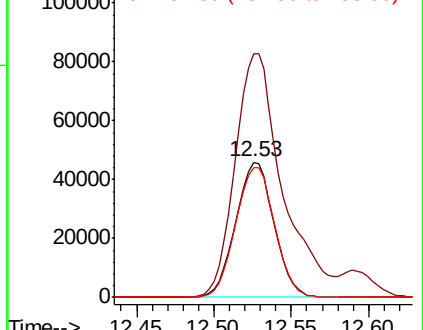
158 98.1 47.8 143.4



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: 16.382 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059334.D

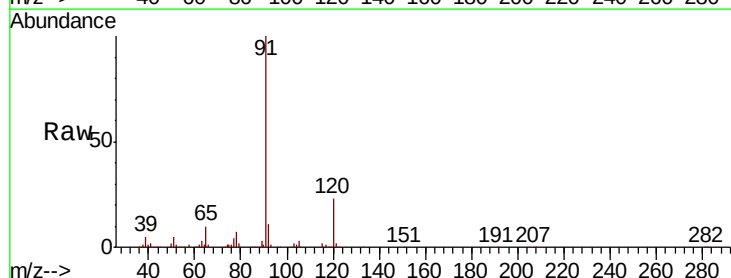
Acq: 21 Nov 2019 14:44

Tgt Ion: 91 Resp: 374270

Ion Ratio Lower Upper

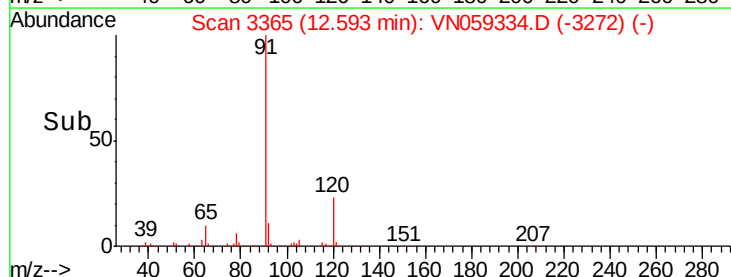
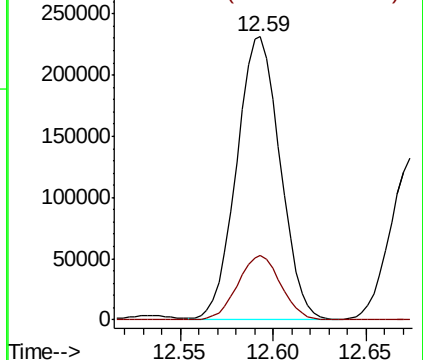
91 100

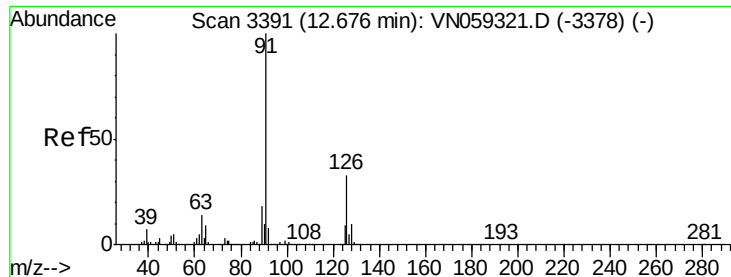
120 22.7 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 15.969 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

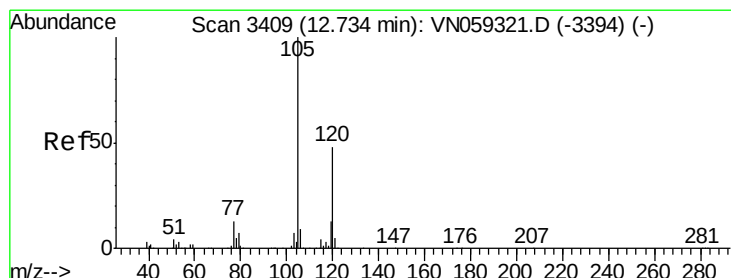
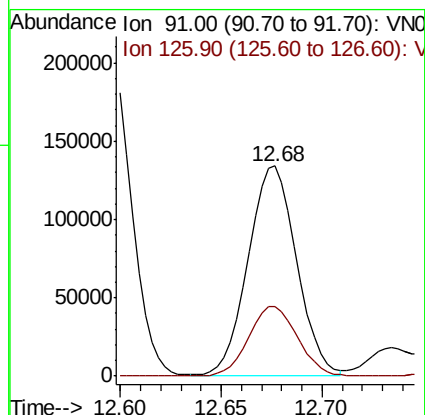
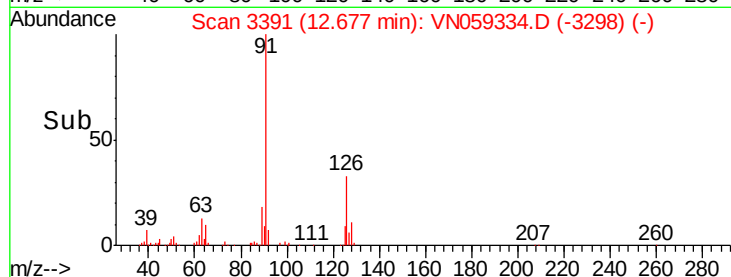
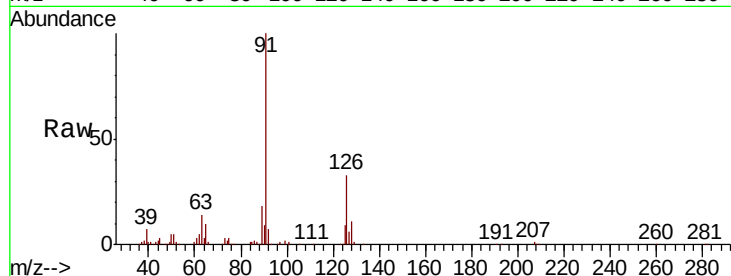
ClientSampled :

Tot Ion: 91 Resp: 223946

Ion Ratio Lower Upper

91 100

126 34.0 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 16.376 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059334.D

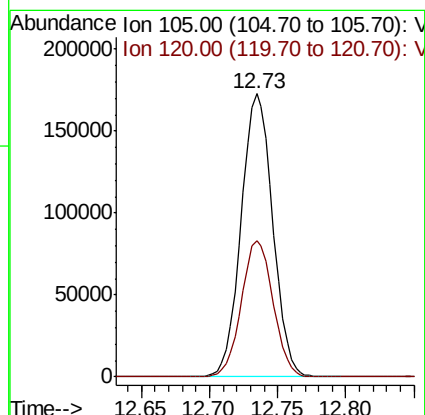
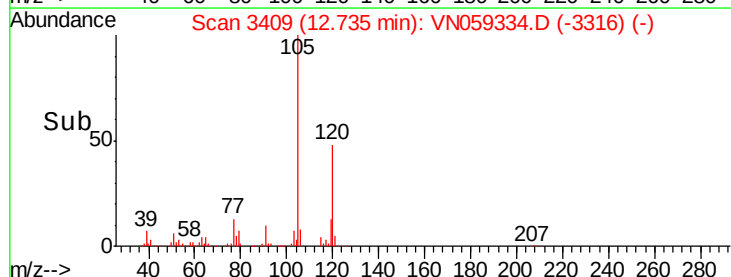
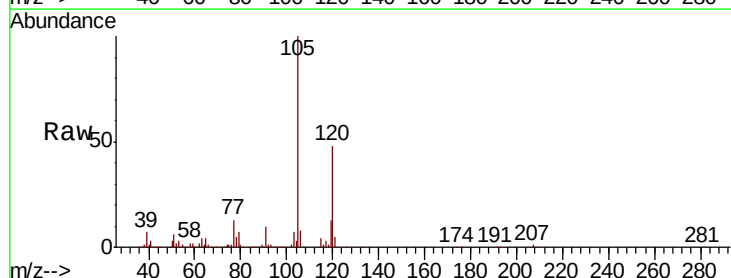
Acq: 21 Nov 2019 14:44

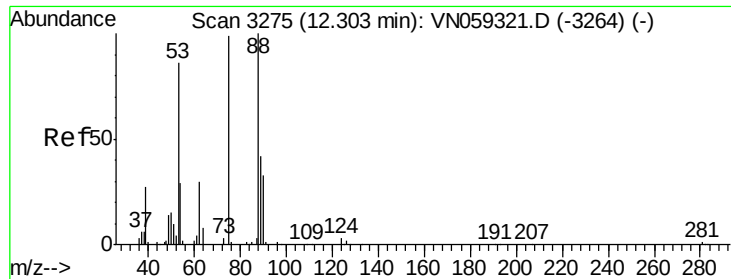
Tgt Ion: 105 Resp: 277651

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4

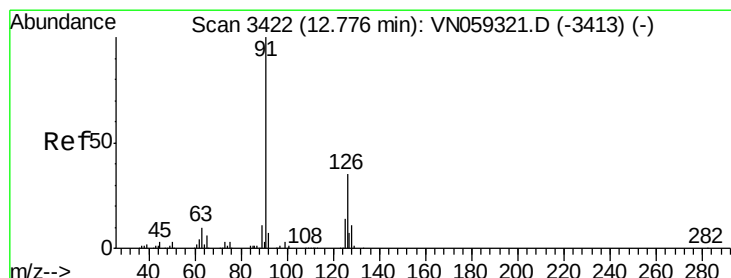
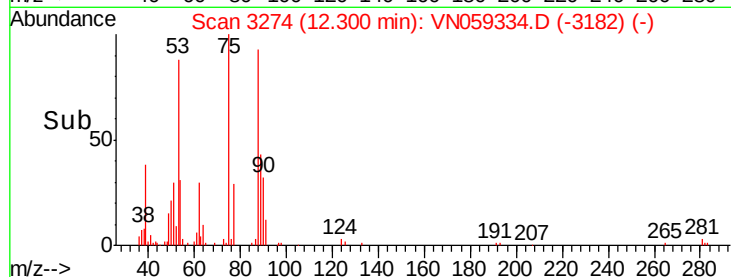
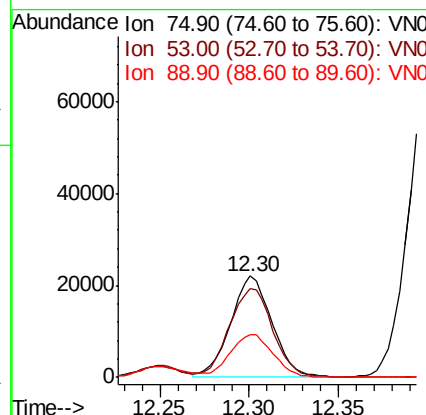
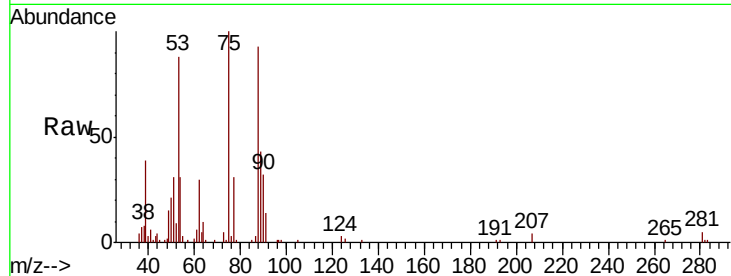




#81
trans-1,4-Dichloro-2-butene
Concen: 15.527 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

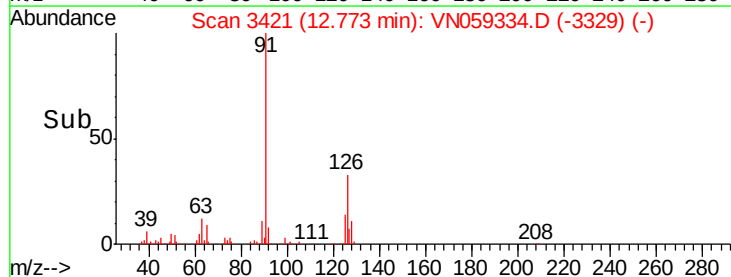
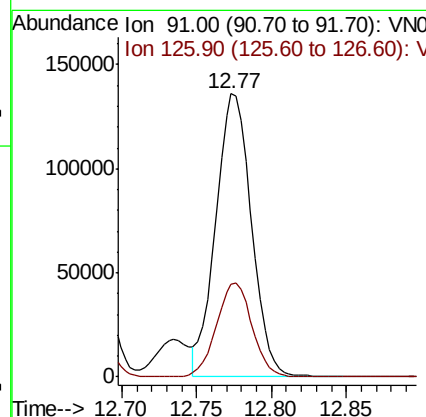
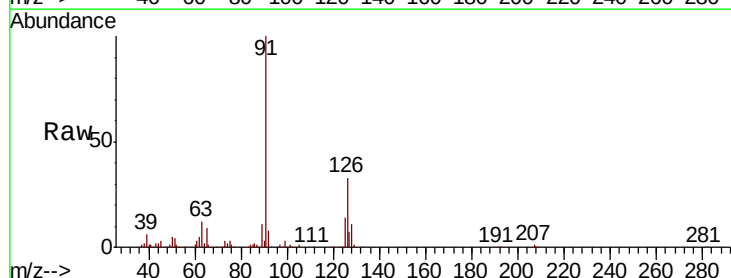
Instrument :
MSVOA_N
ClientSampleId :

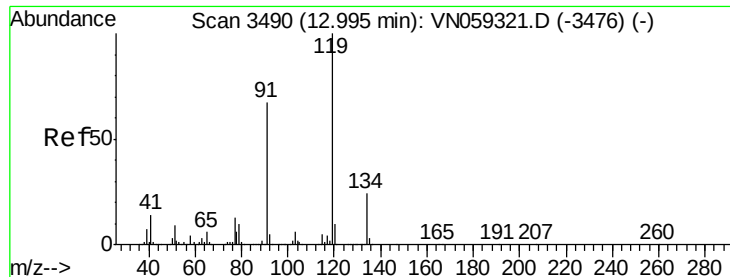
Tot Ion: 75 Resp: 35312
Ion Ratio Lower Upper
75 100
53 93.3 70.7 106.1
89 44.5 35.4 53.0



#82
4-Chlorotoluene
Concen: 15.488 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059334.D
Acq: 21 Nov 2019 14:44

Tgt Ion: 91 Resp: 224756
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

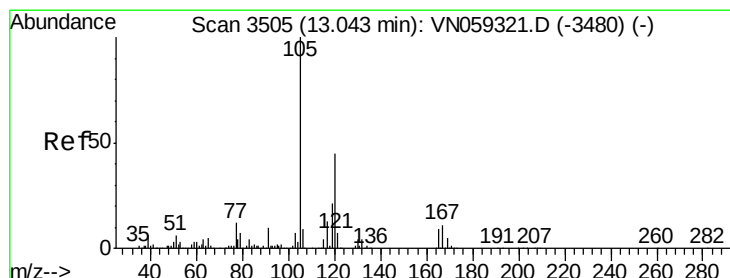
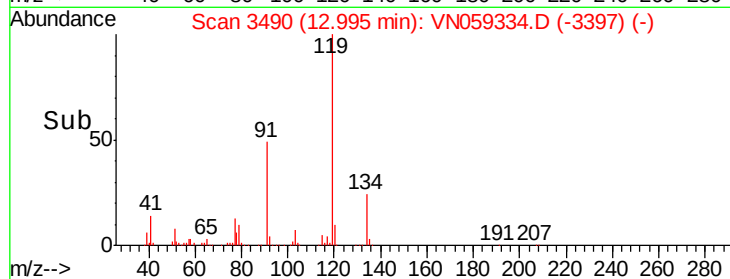
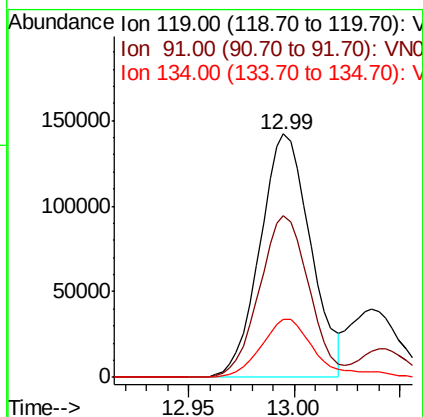
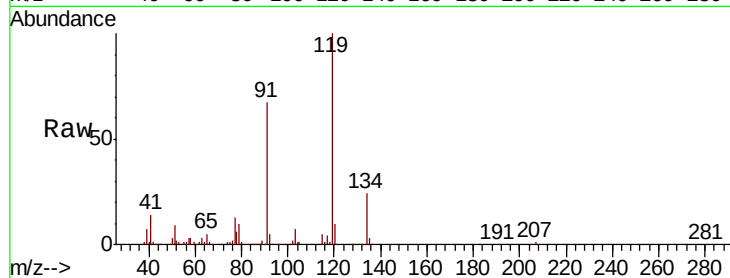




#83
 tert-Butylbenzene
 Concen: 16.555 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

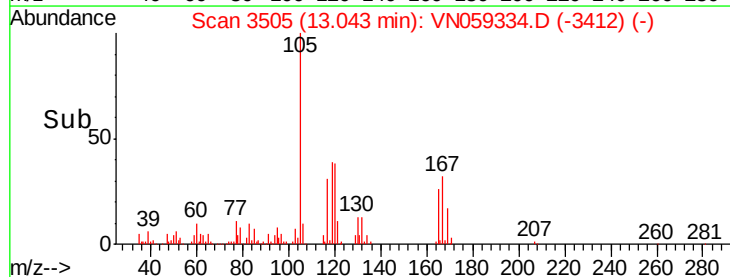
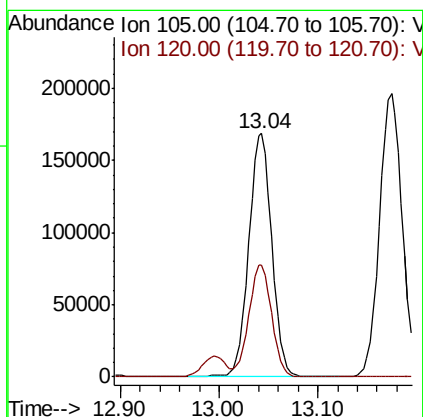
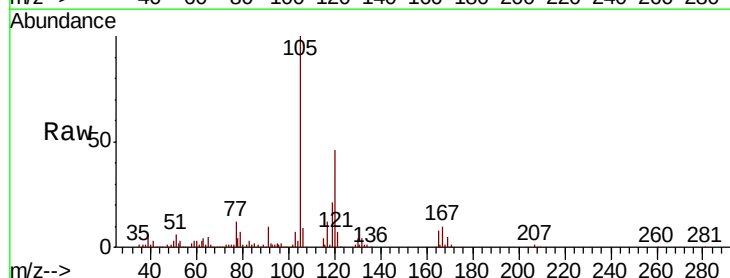
Instrument :
 MSVOA_N
 ClientSampleId :

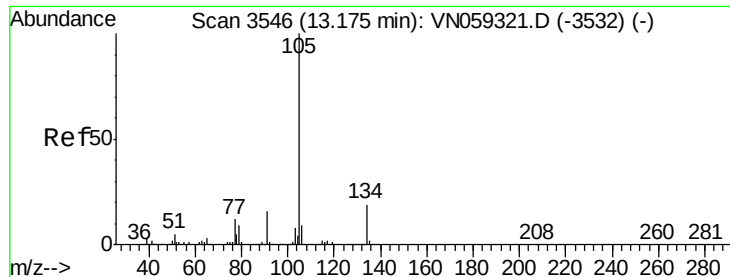
Tot Ion:119 Resp: 237063
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.8 98.4
 134 25.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 16.305 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion:105 Resp: 270805
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.8





#85

sec-Butylbenzene

Concen: 16.278 ug/l

RT: 13.18 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

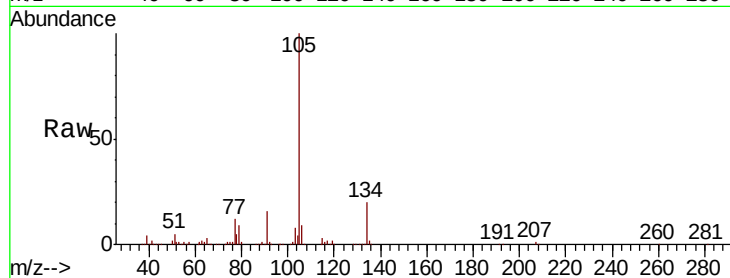
ClientSampleId :

Tot Ion:105 Resp: 313294

Ion Ratio Lower Upper

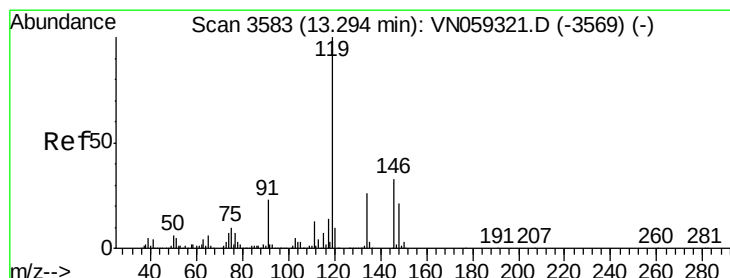
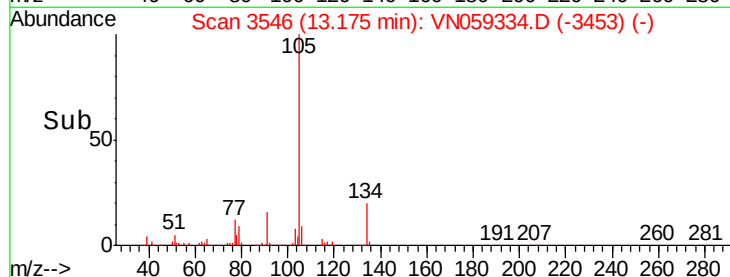
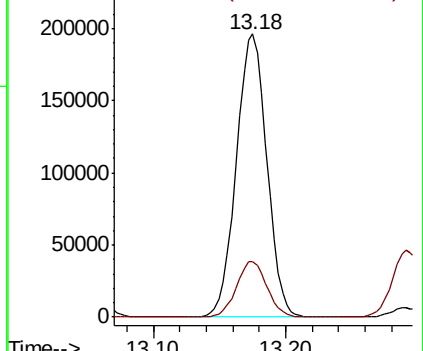
105 100

134 19.6 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.382 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

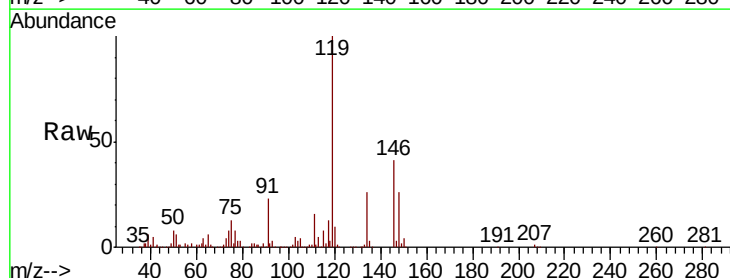
Tgt Ion:119 Resp: 280576

Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

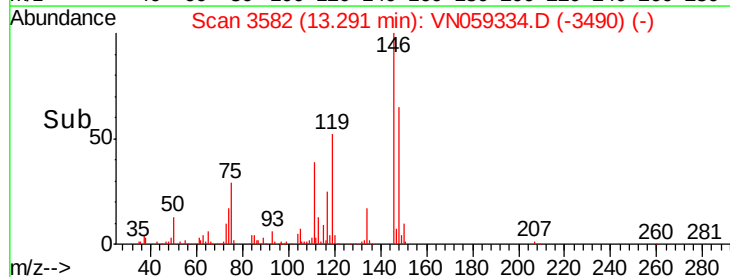
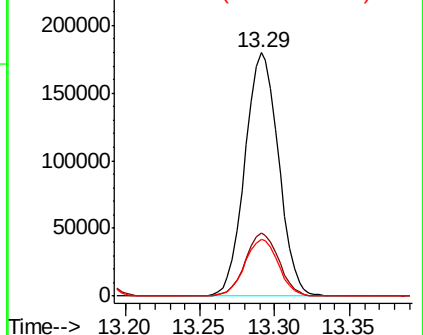
91 23.6 11.6 34.7

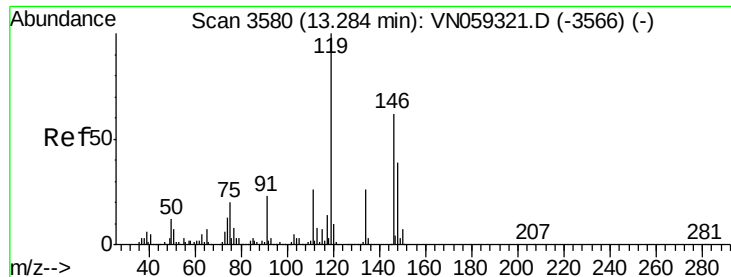


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

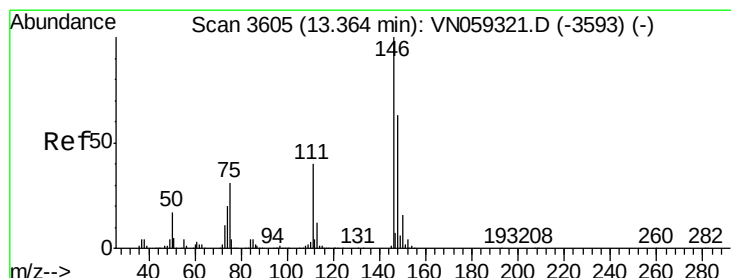
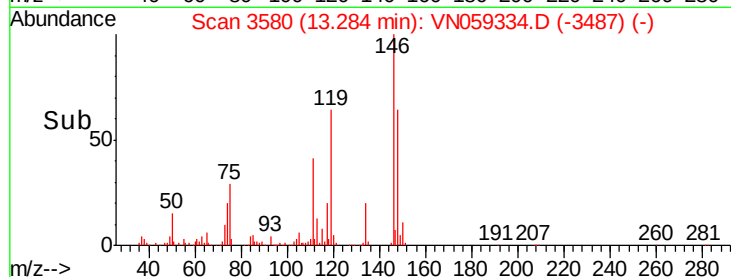
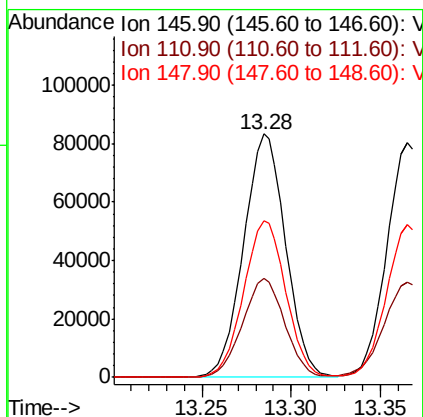
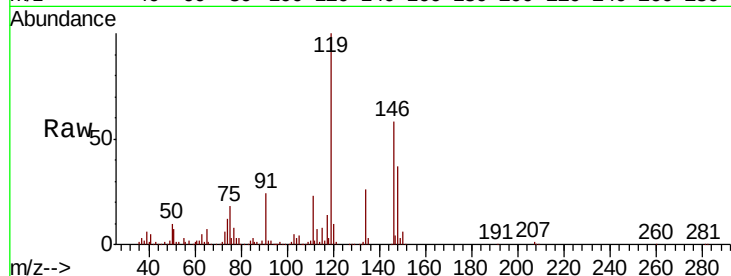




#87
 1,3-Dichlorobenzene
 Concen: 15.741 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

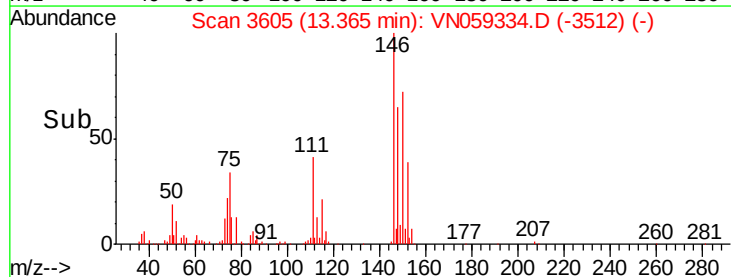
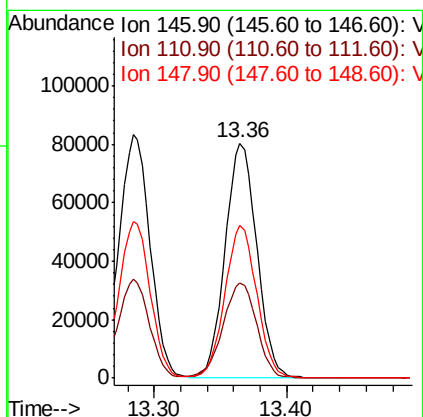
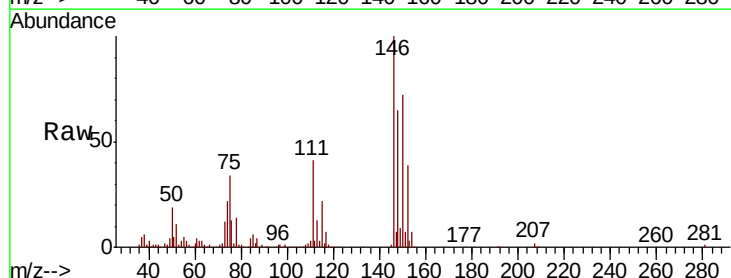
Instrument :
 MSVOA_N
 ClientSampleId :

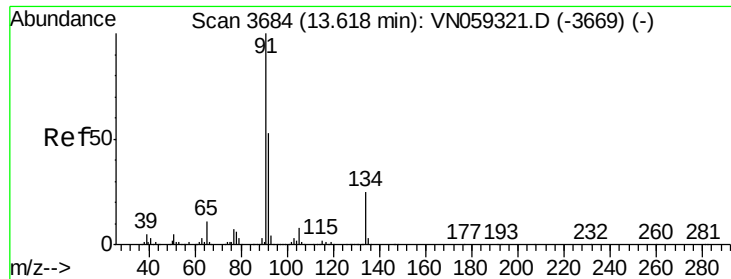
Tot Ion:146 Resp: 137139
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.6 61.8
 148 64.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 15.500 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion:146 Resp: 133611
 Ion Ratio Lower Upper
 146 100
 111 43.7 20.1 60.3
 148 65.4 31.7 95.1





#89

n-Butylbenzene

Concen: 15.674 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampleId :

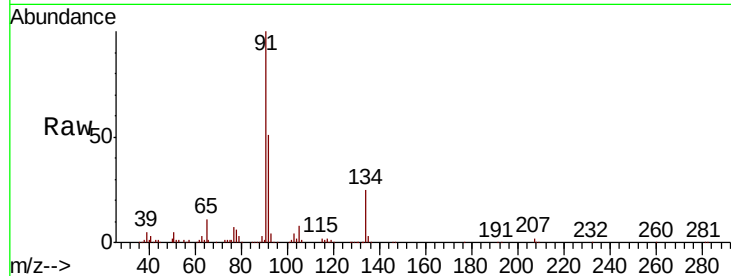
Tot Ion: 91 Resp: 235484

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 25.6 12.7 38.1

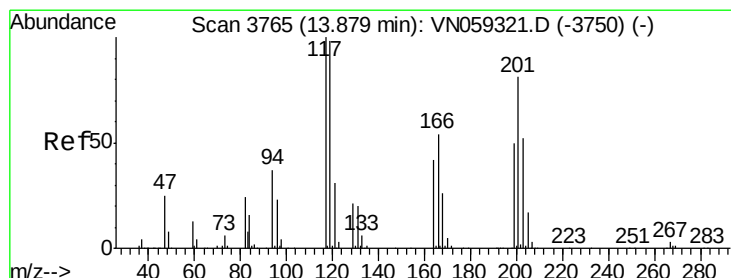
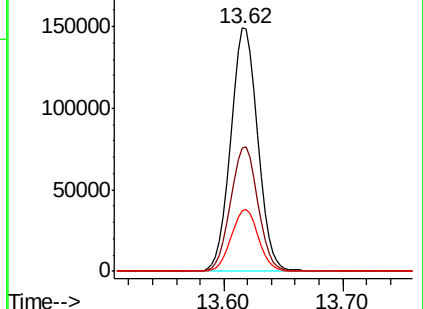
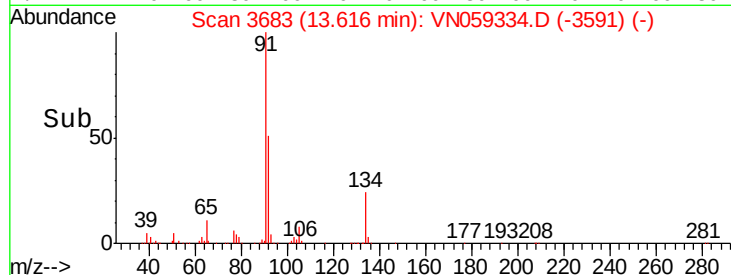


Abundance Ion 91.00 (90.70 to 91.70): VN059321.D (-3669) (-)

Ion 92.00 (91.70 to 92.70): VN059321.D (-3669) (-)

Ion 134.00 (133.70 to 134.70): VN059321.D (-3669) (-)

Time-->



#90

Hexachloroethane

Concen: 15.425 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN059334.D

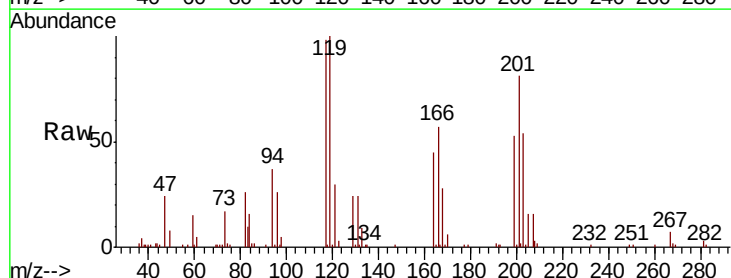
Acq: 21 Nov 2019 14:44

Tgt Ion: 117 Resp: 50031

Ion Ratio Lower Upper

117 100

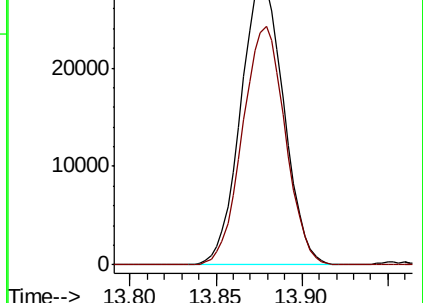
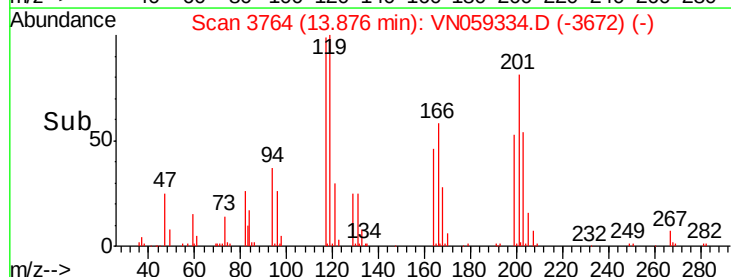
201 83.3 40.4 121.2

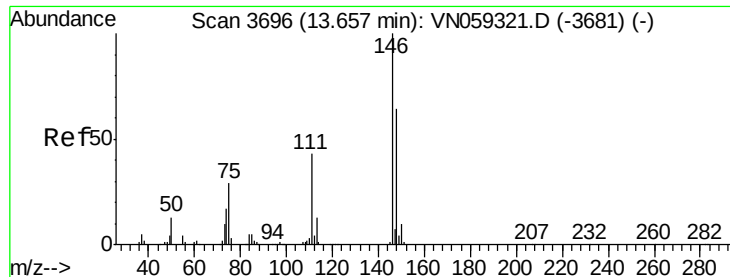


Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN059321.D (-3750) (-)

Time-->

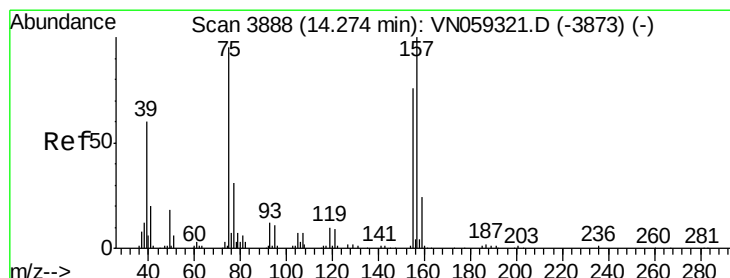
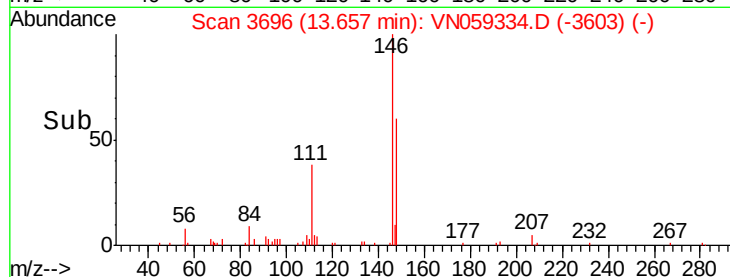
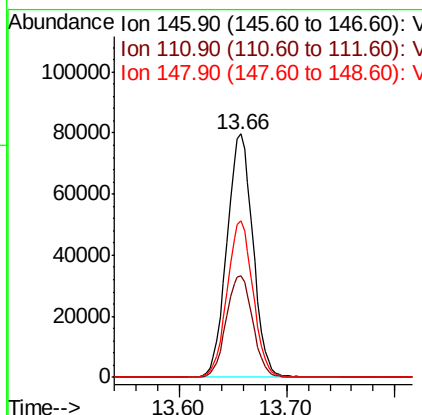
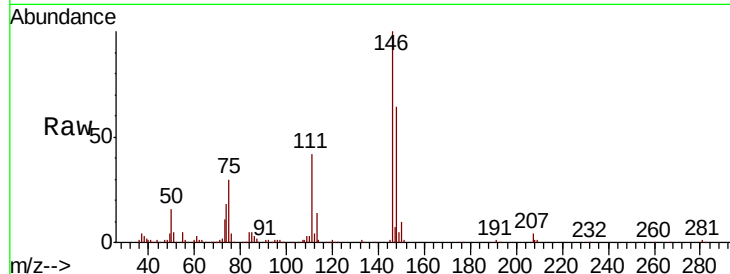




#91
 1,2-Dichlorobenzene
 Concen: 15.920 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

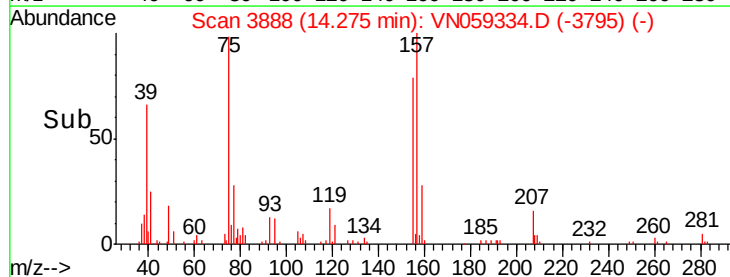
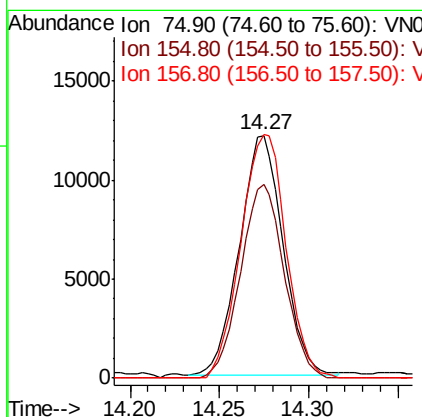
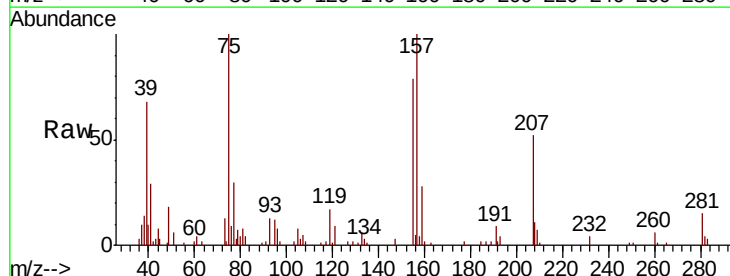
Instrument :
 MSVOA_N
 ClientSampled :

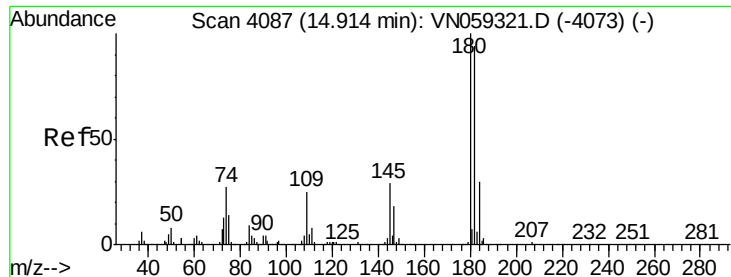
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	64.0
148	63.8	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.412 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	40.5	121.5
157	106.3	52.7	158.1

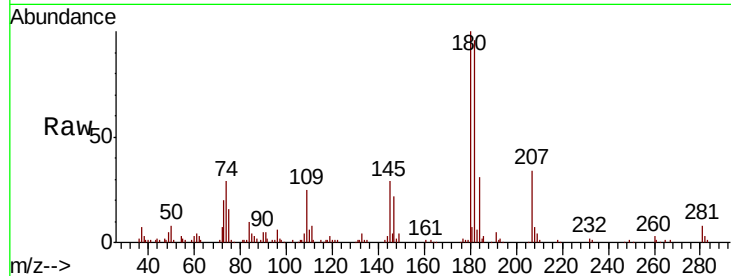




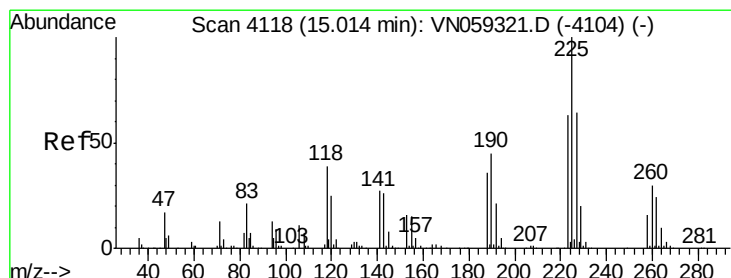
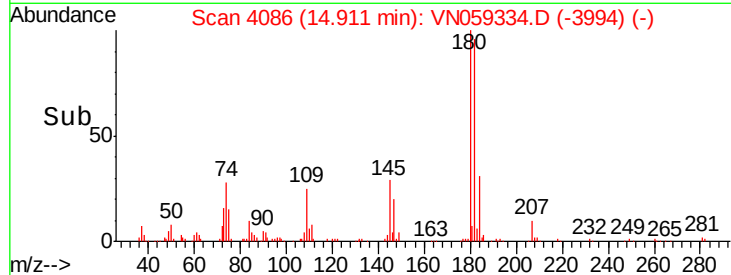
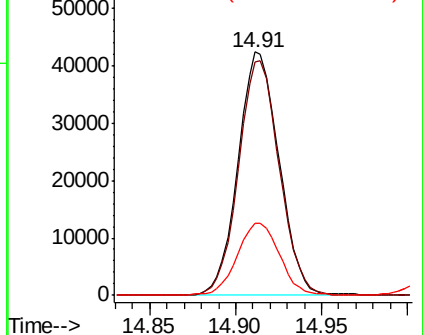
#93
 1,2,4-Trichlorobenzene
 Concen: 15.546 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 70222
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.2 141.6
 145 31.0 14.9 44.5

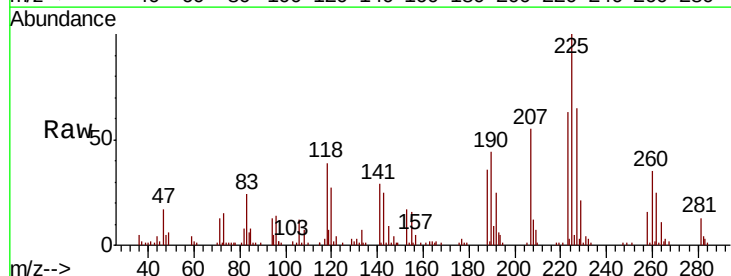


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

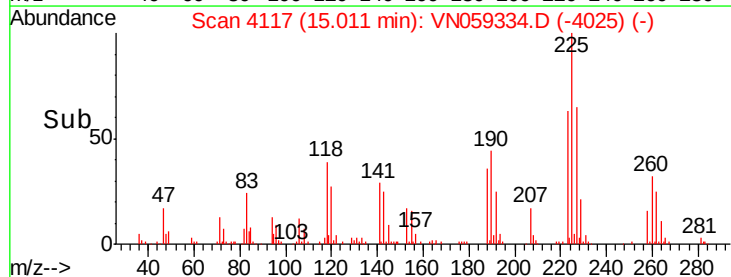
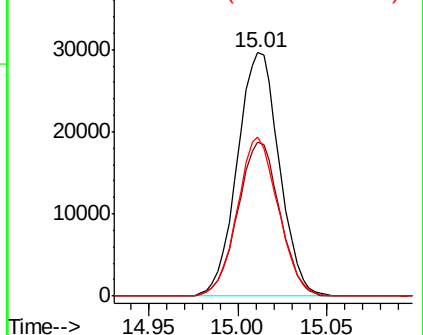


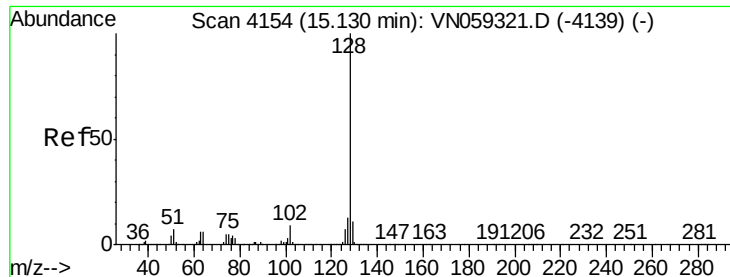
#94
 Hexachlorobutadiene
 Concen: 16.061 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059334.D
 Acq: 21 Nov 2019 14:44

Tgt Ion:225 Resp: 48774
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 94.8
 227 63.8 32.6 97.7



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: 14.900 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

Instrument :

MSVOA_N

ClientSampled :

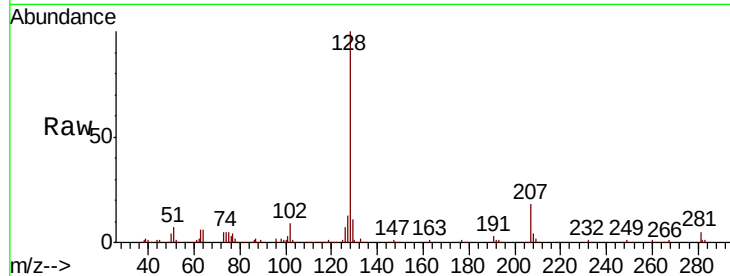
Tot Ion:128 Resp: 181820

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 13.0

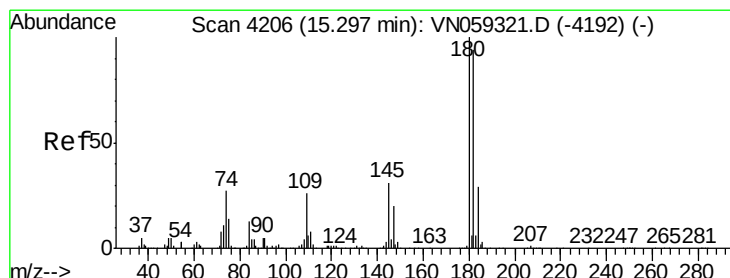
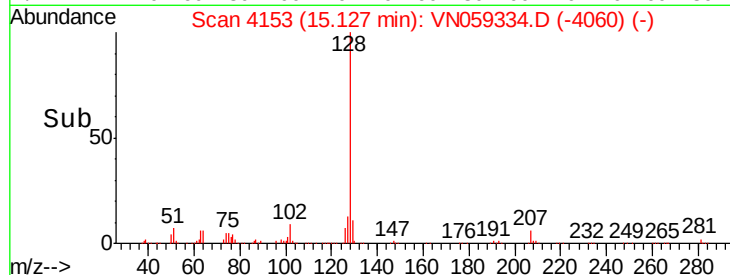
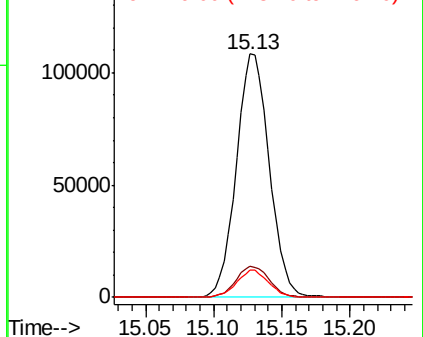


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.377 ug/l

RT: 15.30 min Scan# 4206

Delta R.T. 0.00 min

Lab File: VN059334.D

Acq: 21 Nov 2019 14:44

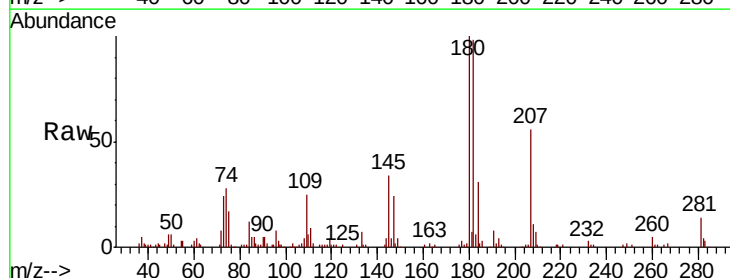
Tgt Ion:180 Resp: 72079

Ion Ratio Lower Upper

180 100

182 96.1 47.1 141.4

145 33.5 15.6 46.8



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

