

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060894.D
 Acq On : 8 Apr 2020 12:38
 Operator : JC/MD
 Sample : VN0408WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 09 08:25:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	174567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	286020	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	260424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122828	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	119612	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	7.56	113	89282	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.08	98	351295	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.40	95	127832	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	28933	17.129	ug/l 99
3) Chloromethane	2.04	50	51754	16.406	ug/l 100
4) Vinyl Chloride	2.17	62	41858	16.964	ug/l 97
5) Bromomethane	2.55	94	22911	21.510	ug/l 99
6) Chloroethane	2.69	64	27022	19.011	ug/l 99
7) Trichlorofluoromethane	3.00	101	58056	19.100	ug/l 97
8) Diethyl Ether	3.38	74	25961	21.261	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	35792	20.322	ug/l 100
10) Methyl Iodide	3.93	142	29949	19.110	ug/l 99
11) Tert butyl alcohol	4.72	59	38670	109.722	ug/l 97
12) 1,1-Dichloroethene	3.72	96	35226	18.638	ug/l 100
13) Acrolein	3.58	56	22435	57.437	ug/l 99
14) Allyl chloride	4.29	41	65661	19.753	ug/l 99
15) Acrylonitrile	4.94	53	106883	103.132	ug/l 99
16) Acetone	3.78	43	91532	107.830	ug/l 100
17) Carbon Disulfide	4.03	76	98888	17.204	ug/l 100
18) Methyl Acetate	4.28	43	53117	22.231	ug/l 100
19) Methyl tert-butyl Ether	5.00	73	134498	20.698	ug/l 96
20) Methylene Chloride	4.52	84	41540	19.893	ug/l 99
21) trans-1,2-Dichloroethene	5.01	96	38195	18.962	ug/l 98
22) Diisopropyl ether	5.91	45	153372	21.839	ug/l 98
23) Vinyl Acetate	5.86	43	605434	105.659	ug/l 99
24) 1,1-Dichloroethane	5.81	63	79131	20.669	ug/l 100
25) 2-Butanone	6.80	43	144675	105.326	ug/l 96
26) 2,2-Dichloropropane	6.80	77	65672	21.802	ug/l 99
27) cis-1,2-Dichloroethene	6.80	96	45795	20.006	ug/l 98
28) Bromochloromethane	7.17	49	38717	21.137	ug/l 99
29) Tetrahydrofuran	7.18	42	98917	101.780	ug/l 99
30) Chloroform	7.34	83	74991	20.432	ug/l 100
31) Cyclohexane	7.63	56	71863	18.619	ug/l 95
32) 1,1,1-Trichloroethane	7.54	97	62787	19.844	ug/l 98
36) 1,1-Dichloropropene	7.77	75	56198	20.291	ug/l 100
37) Ethyl Acetate	6.89	43	60768	20.306	ug/l 98
38) Carbon Tetrachloride	7.75	117	48902	19.701	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	66917	20.332	ug/l	97
40) Benzene	8.02	78	173304	20.729	ug/l	100
41) Methacrylonitrile	7.18	41	89001	69.688	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	60887	21.310	ug/l	99
43) Isopropyl Acetate	8.14	43	105910	21.460	ug/l	100
44) Trichloroethene	8.81	130	43301	20.545	ug/l	99
45) 1,2-Dichloropropane	9.10	63	48714	22.082	ug/l	97
46) Dibromomethane	9.19	93	28773	21.574	ug/l	99
47) Bromodichloromethane	9.38	83	58993	21.286	ug/l	97
48) Methyl methacrylate	9.18	41	44821	20.398	ug/l	97
49) 1,4-Dioxane	9.18	88	12536	479.975	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	303922	108.218	ug/l	99
52) Toluene	10.14	92	103340	20.466	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	69645	21.877	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	74466	21.322	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	41439	21.333	ug/l	97
56) Ethyl methacrylate	10.42	69	63512	20.969	ug/l	97
57) 1,3-Dichloropropane	10.70	76	73484	21.800	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	140175	93.117	ug/l	100
59) 2-Hexanone	10.74	43	212017	104.801	ug/l	100
60) Dibromochloromethane	10.89	129	42618	21.240	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41016	20.998	ug/l	100
64) Tetrachloroethene	10.62	164	40085	19.560	ug/l	99
65) Chlorobenzene	11.43	112	106134	20.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	40236	21.526	ug/l	97
67) Ethyl Benzene	11.50	91	199632	20.793	ug/l	98
68) m/p-Xylenes	11.61	106	145328	40.735	ug/l	99
69) o-Xylene	11.94	106	69527	20.414	ug/l	98
70) Styrene	11.96	104	111743	20.061	ug/l	99
71) Bromoform	12.12	173	29712	20.163	ug/l #	100
73) Isopropylbenzene	12.25	105	186847	20.270	ug/l	100
74) N-amyl acetate	12.06	43	84327	19.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	59101	21.202	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	80247	30.278	ug/l #	100
77) Bromobenzene	12.52	156	44662	20.108	ug/l	99
78) n-propylbenzene	12.59	91	221353	20.326	ug/l	99
79) 2-Chlorotoluene	12.67	91	130386	20.038	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	158227	20.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	20573	19.936	ug/l	98
82) 4-Chlorotoluene	12.77	91	134730	20.330	ug/l	100
83) tert-Butylbenzene	12.99	119	133721	20.621	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	157581	20.362	ug/l	100
85) sec-Butylbenzene	13.17	105	181944	20.866	ug/l	100
86) p-Isopropyltoluene	13.28	119	161715	20.624	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	80289	20.495	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	79643	20.235	ug/l	99
89) n-Butylbenzene	13.61	91	145999	20.623	ug/l	100
90) Hexachloroethane	13.87	117	25355	22.246	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	78252	20.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11043	18.746	ug/l	97

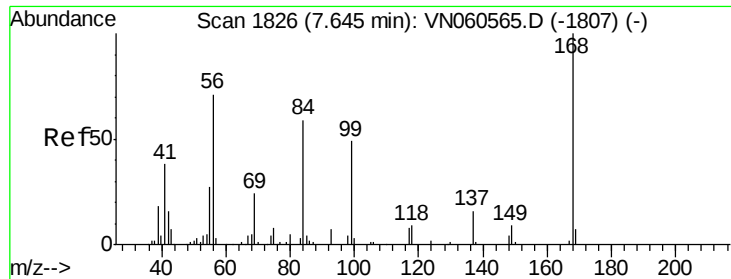
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	47013	20.438	ug/l	99
94) Hexachlorobutadiene	15.01	225	25377	22.504	ug/l	99
95) Naphthalene	15.13	128	135132	19.531	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	47632	21.023	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

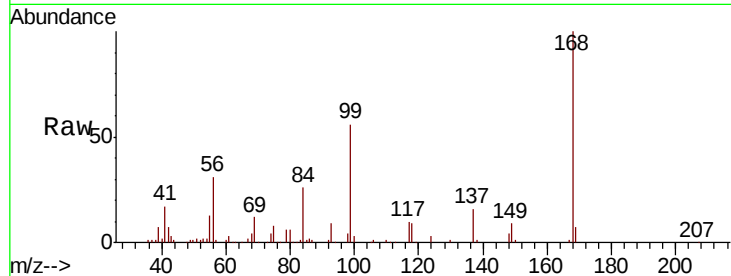
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 174567

Ion Ratio Lower Upper

168 100

99 55.9 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

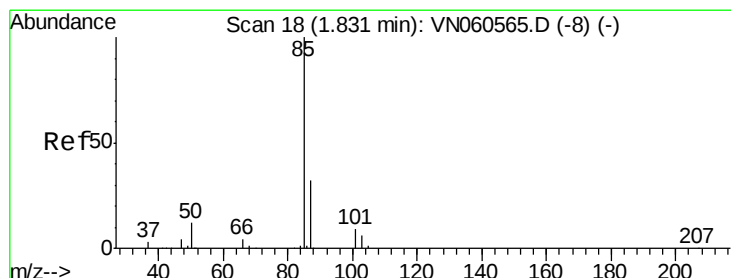
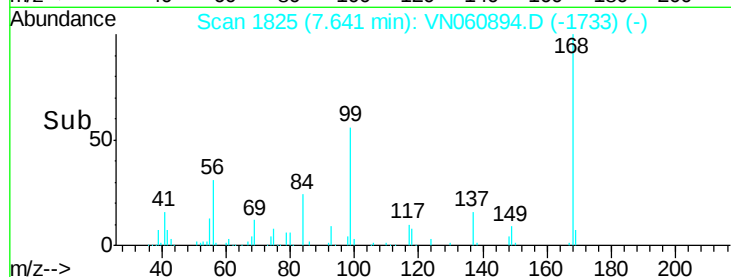
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.129 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060894.D

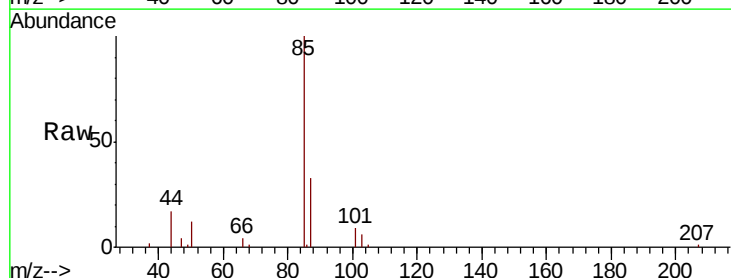
Acq: 8 Apr 2020 12:38

Tgt Ion: 85 Resp: 28933

Ion Ratio Lower Upper

85 100

87 33.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

25000

20000

15000

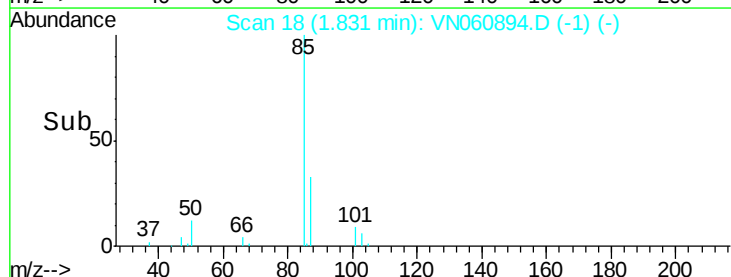
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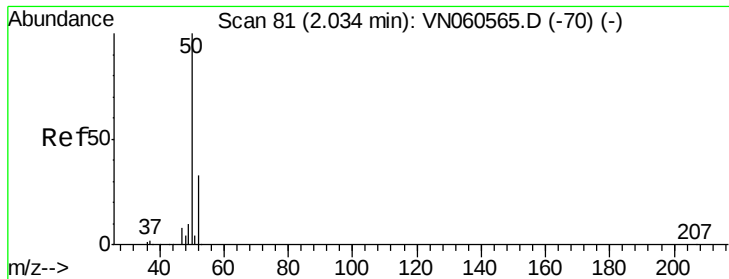
5000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 16.406 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

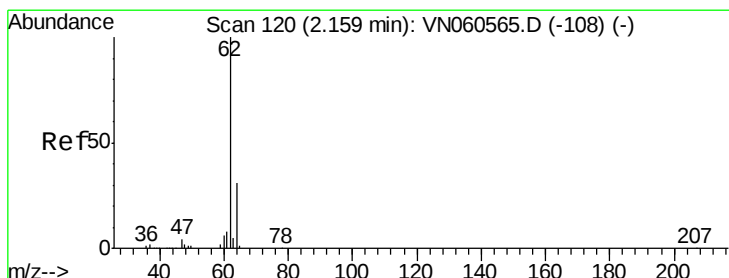
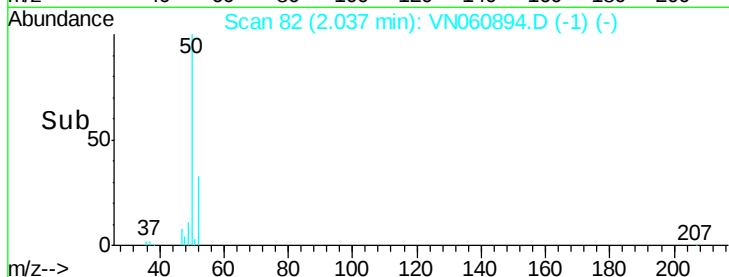
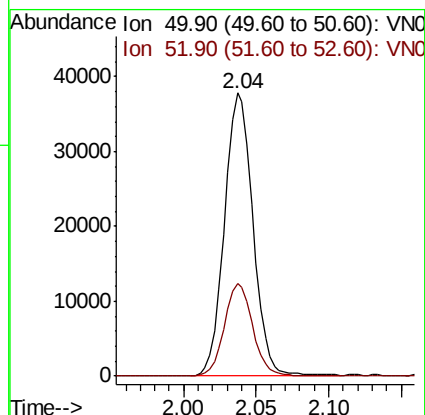
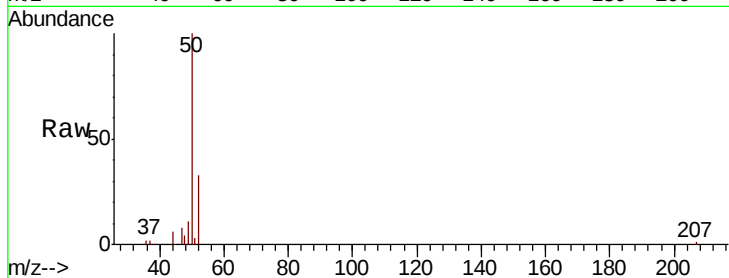
ClientSampleId :

Tot Ion: 50 Resp: 51754

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 16.964 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060894.D

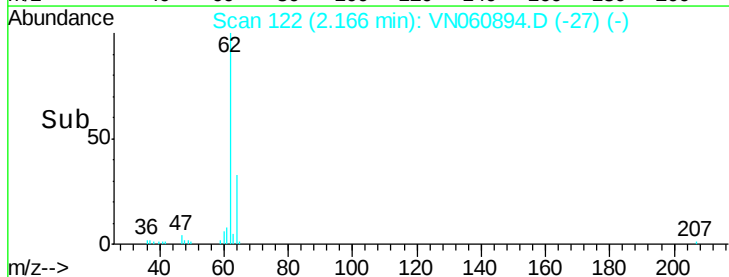
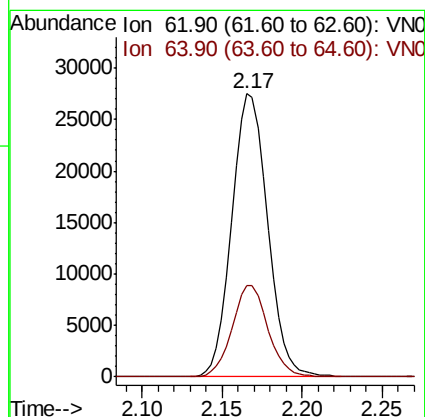
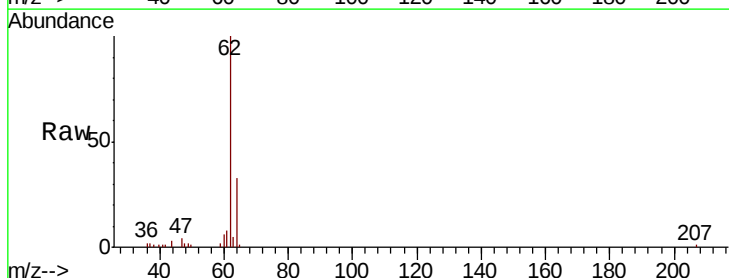
Acq: 8 Apr 2020 12:38

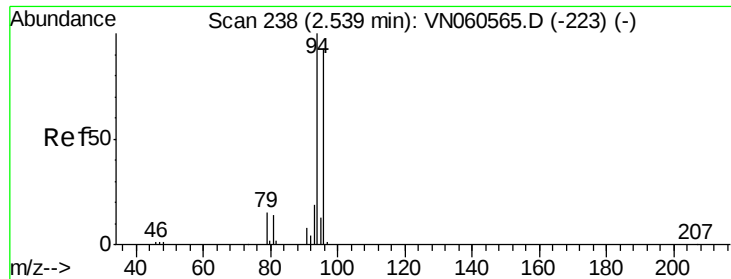
Tgt Ion: 62 Resp: 41858

Ion Ratio Lower Upper

62 100

64 32.5 24.7 37.1

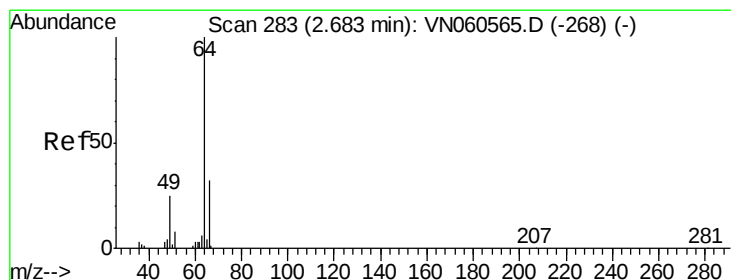
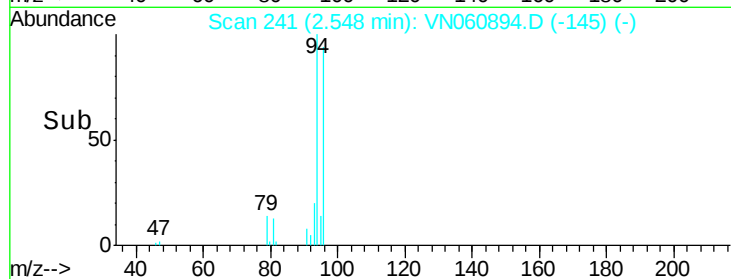
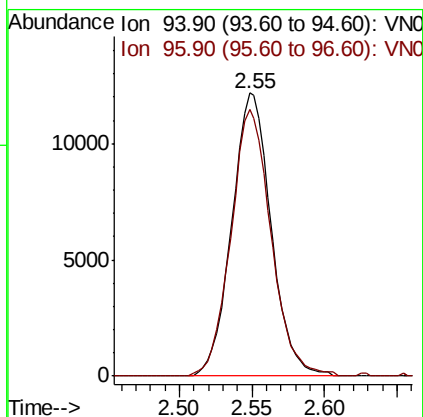
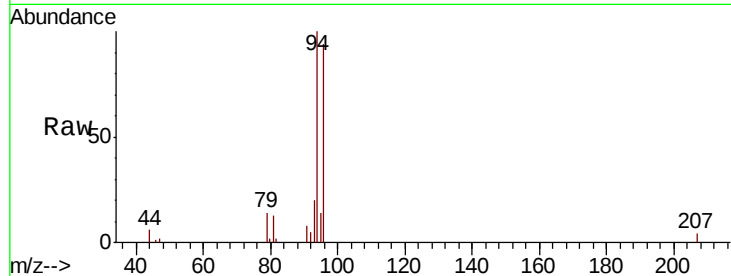




#5
Bromomethane
Concen: 21.510 ug/l
RT: 2.55 min Scan# 241
Delta R.T. 0.01 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

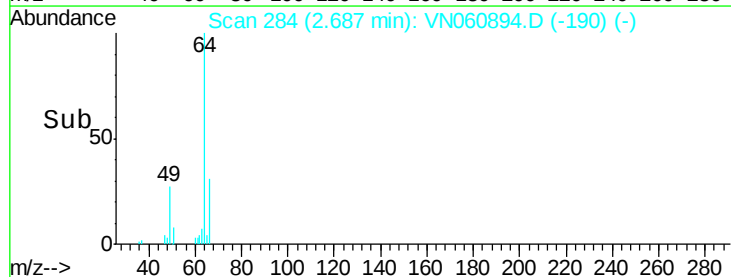
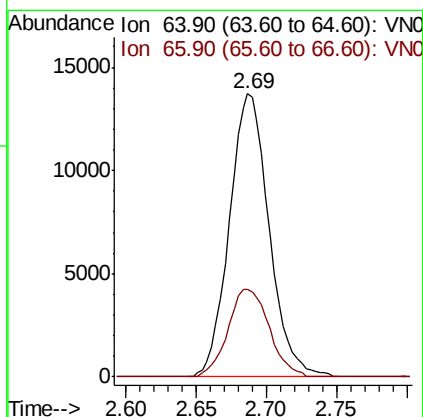
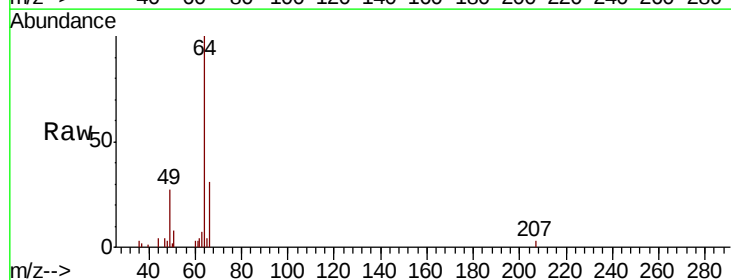
Instrument :
MSVOA_N
ClientSampled :

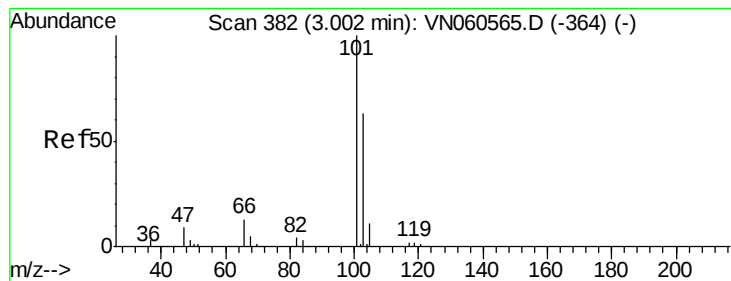
Tot Ion: 94 Resp: 22911
Ion Ratio Lower Upper
94 100
96 94.1 74.6 112.0



#6
Chloroethane
Concen: 19.011 ug/l
RT: 2.69 min Scan# 284
Delta R.T. 0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 64 Resp: 27022
Ion Ratio Lower Upper
64 100
66 31.0 25.3 37.9



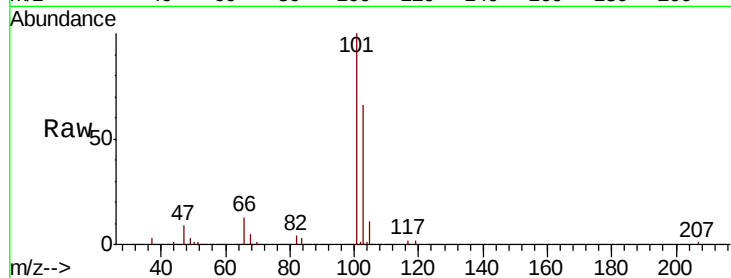


#7

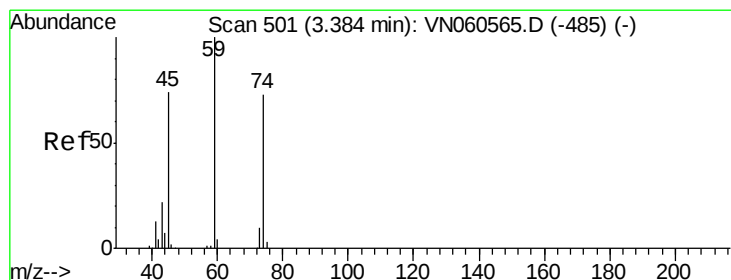
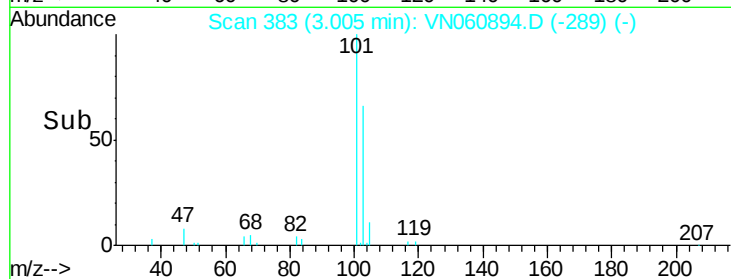
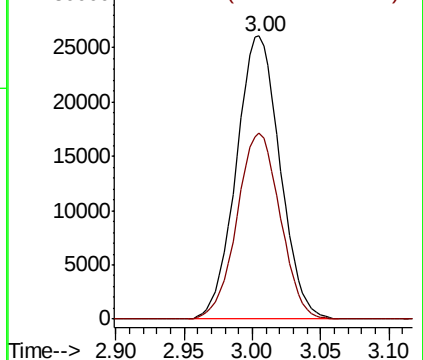
Trichlorofluoromethane
Concen: 19.100 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:101 Resp: 58056
Ion Ratio Lower Upper
101 100
103 65.8 50.6 76.0



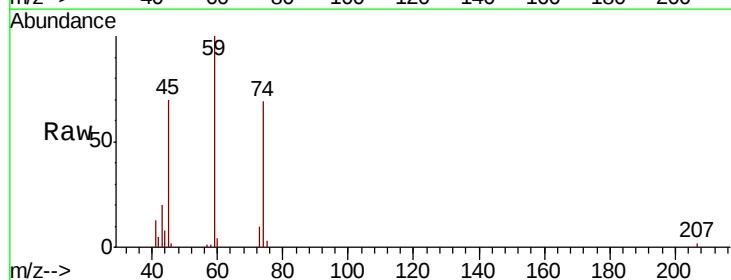
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



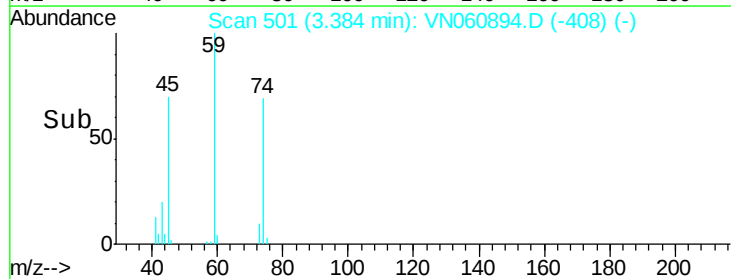
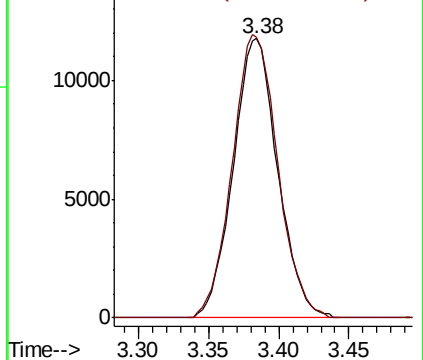
#8

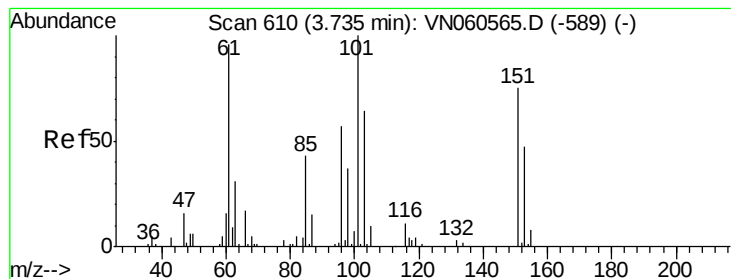
Diethyl Ether
Concen: 21.261 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 74 Resp: 25961
Ion Ratio Lower Upper
74 100
45 103.6 51.3 153.9



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.322 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

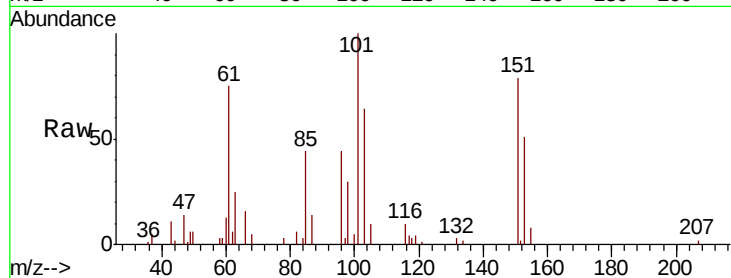
Tot Ion:101 Resp: 35792

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

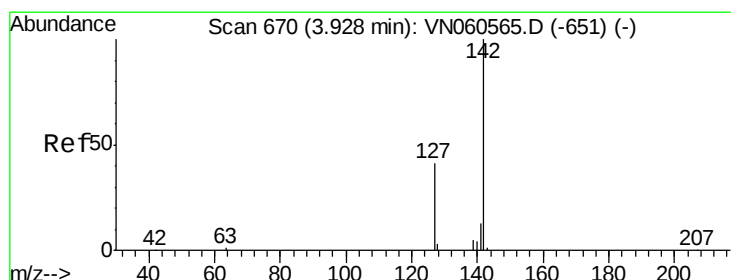
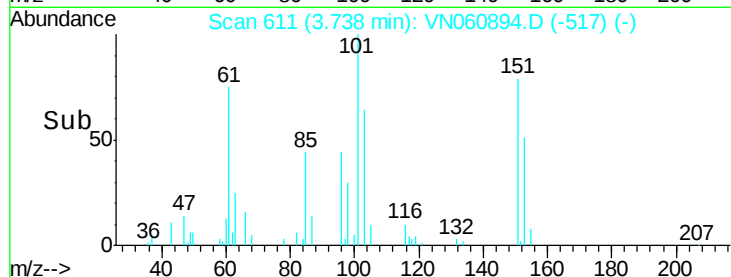
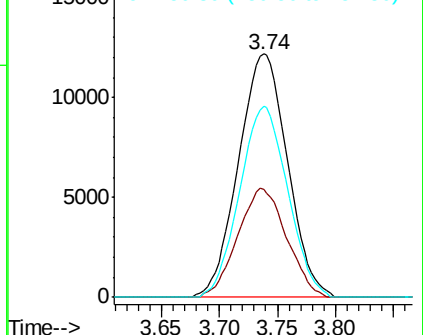
151 76.9 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.110 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

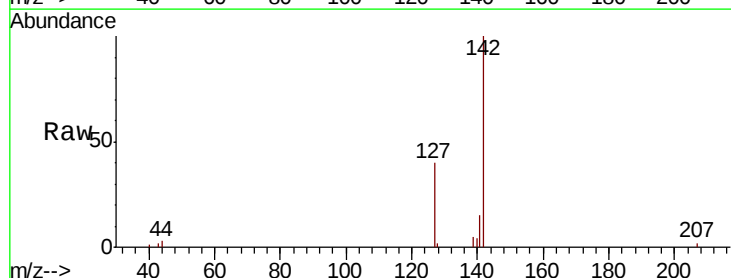
Tgt Ion:142 Resp: 29949

Ion Ratio Lower Upper

142 100

127 40.7 33.5 50.3

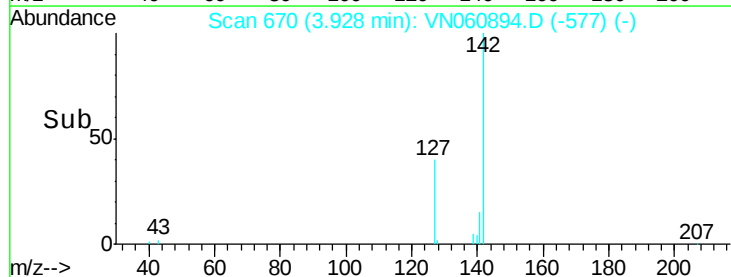
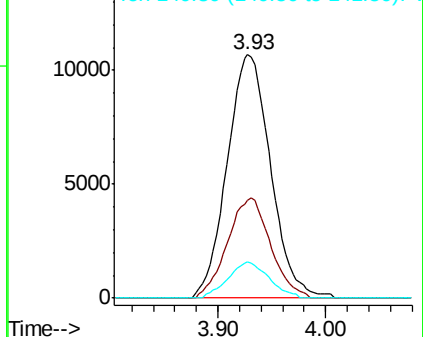
141 13.9 11.0 16.6

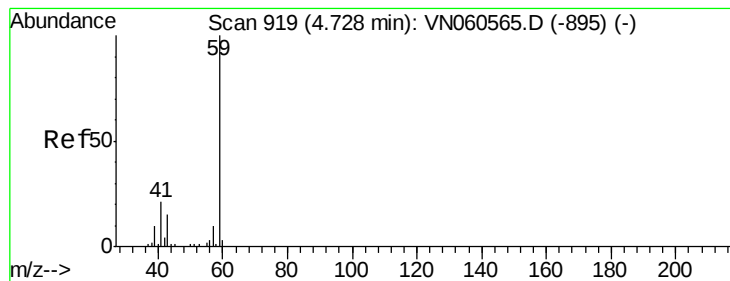


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



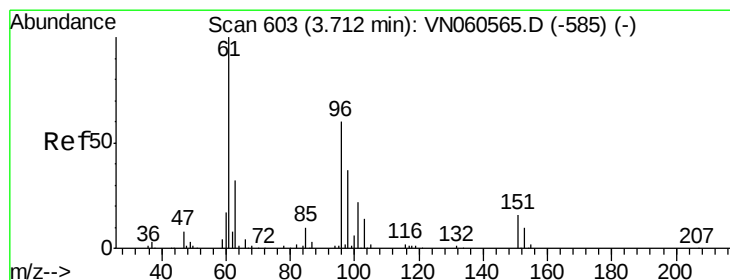
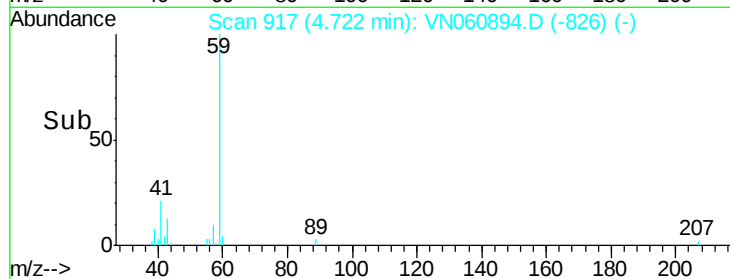
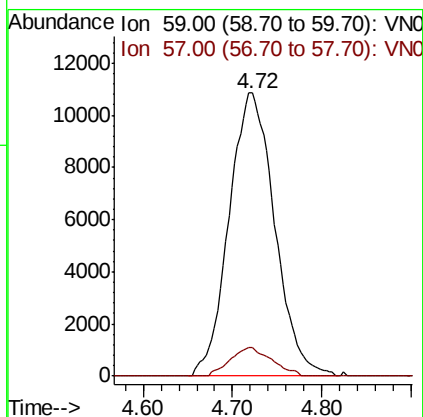
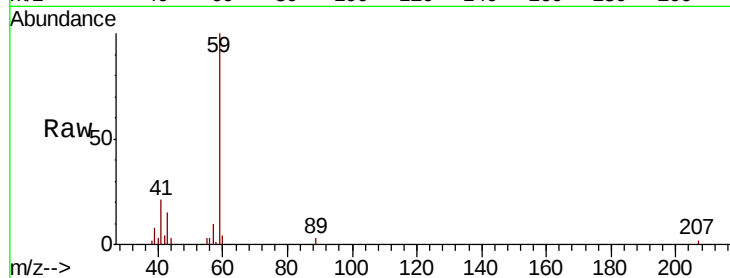


#11

Tert butyl alcohol
Concen: 109.722 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :

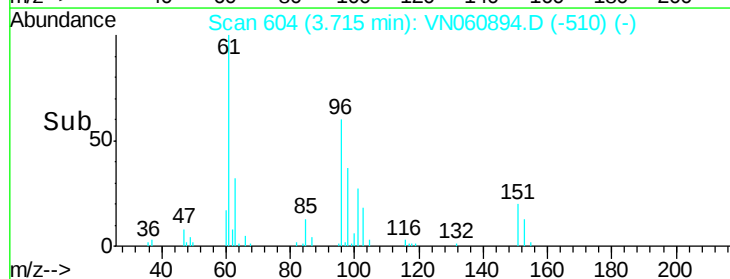
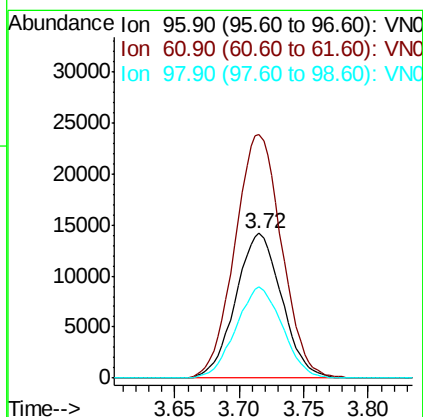
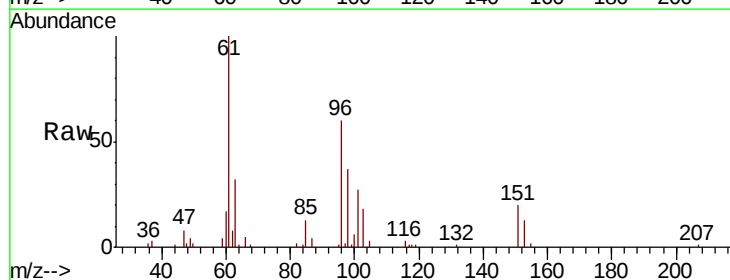
Tot Ion: 59 Resp: 38670
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4



#12

1,1-Dichloroethene
Concen: 18.638 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 96 Resp: 35226
Ion Ratio Lower Upper
96 100
61 168.0 134.1 201.1
98 62.8 49.9 74.9





#13

Acrolein

Concen: 57.437 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

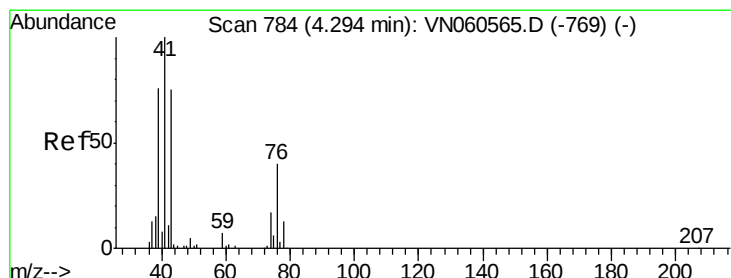
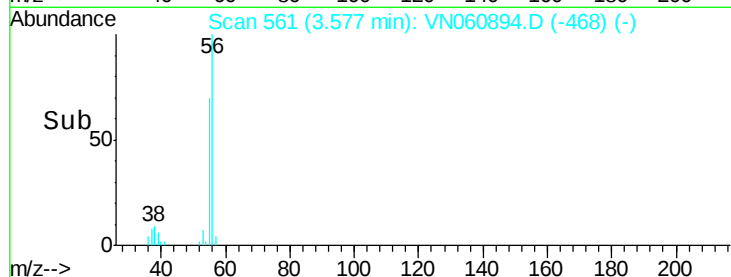
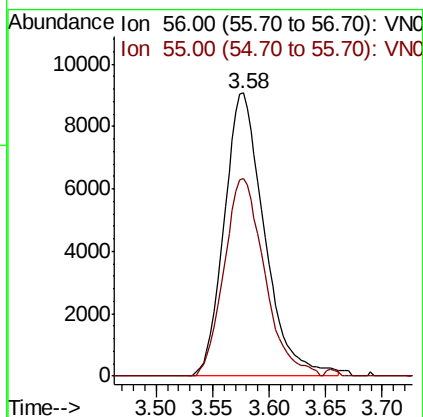
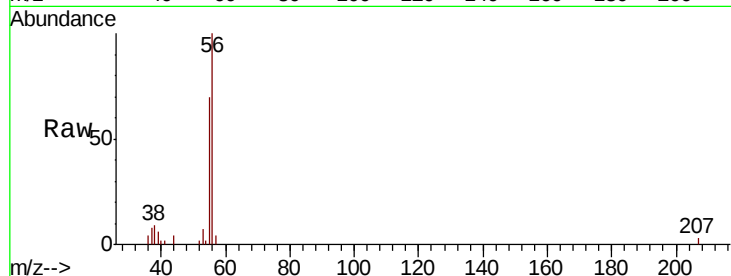
ClientSampled :

Tot Ion: 56 Resp: 22435

Ion Ratio Lower Upper

56 100

55 70.1 56.7 85.1



#14

Allyl chloride

Concen: 19.753 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

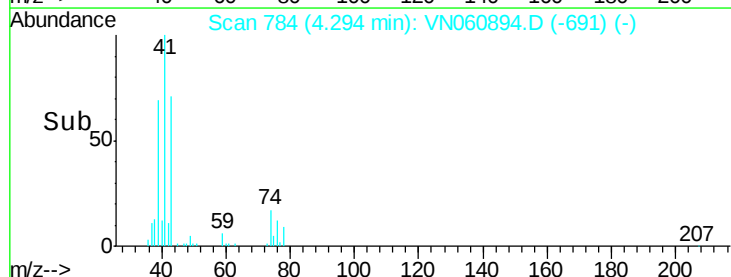
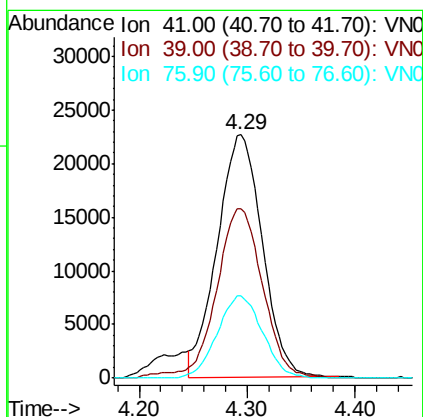
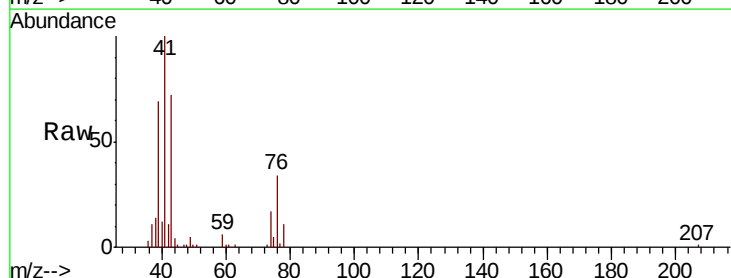
Tgt Ion: 41 Resp: 65661

Ion Ratio Lower Upper

41 100

39 72.1 57.8 86.8

76 34.1 28.6 43.0





#15

Acrylonitrile

Concen: 103.132 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

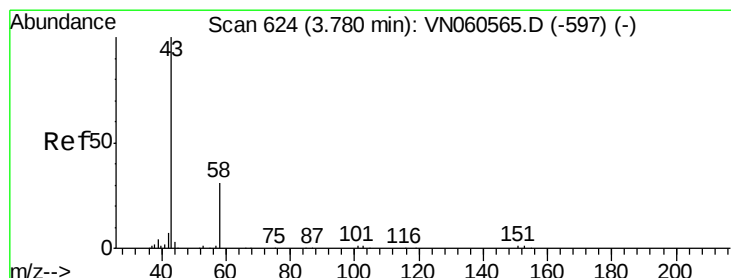
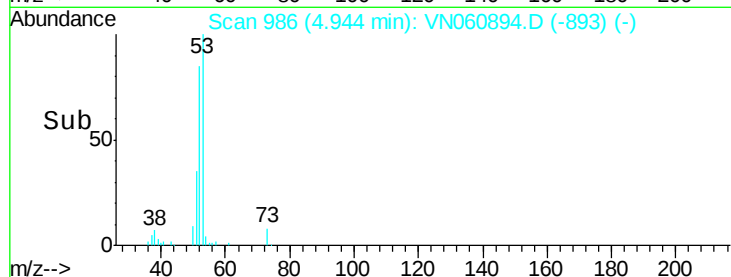
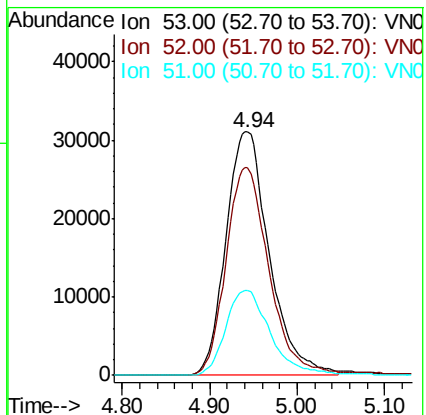
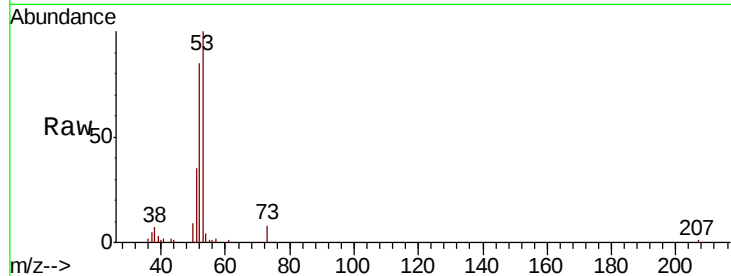
Tot Ion: 53 Resp: 106883

Ion Ratio Lower Upper

53 100

52 84.1 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 107.830 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060894.D

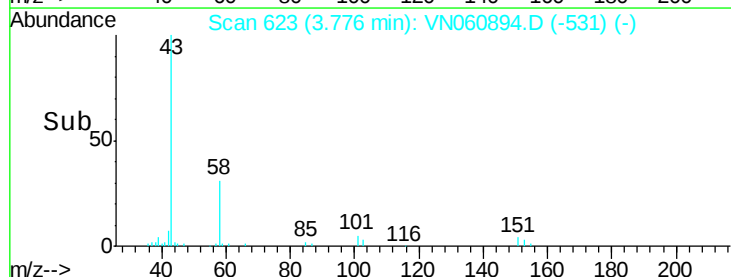
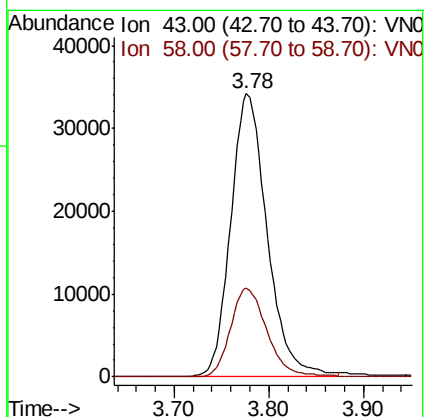
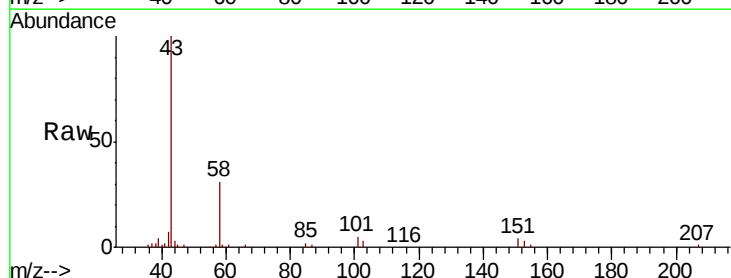
Acq: 8 Apr 2020 12:38

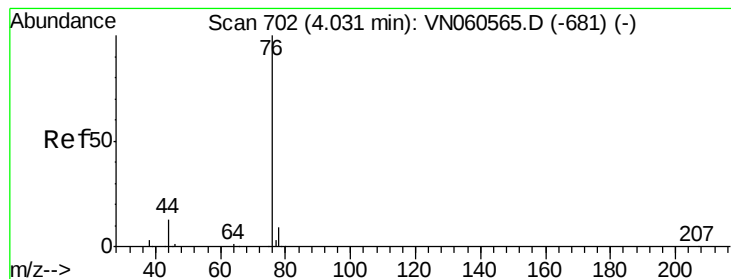
Tgt Ion: 43 Resp: 91532

Ion Ratio Lower Upper

43 100

58 31.2 25.1 37.7





#17

Carbon Disulfide

Concen: 17.204 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

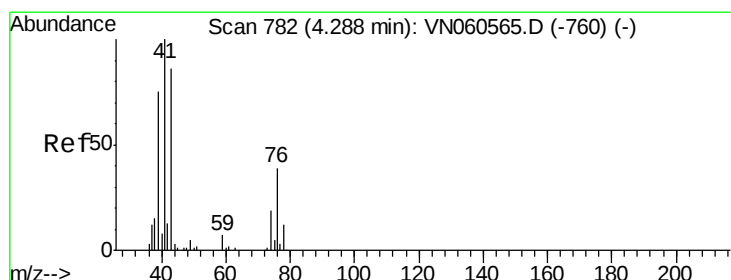
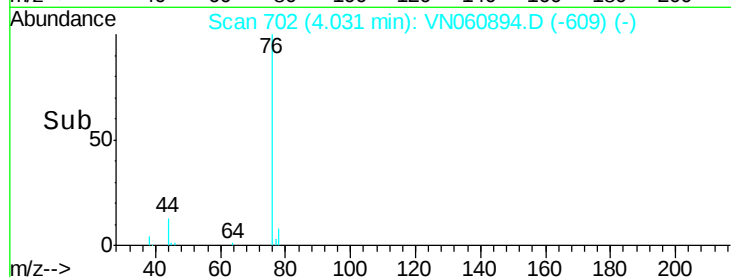
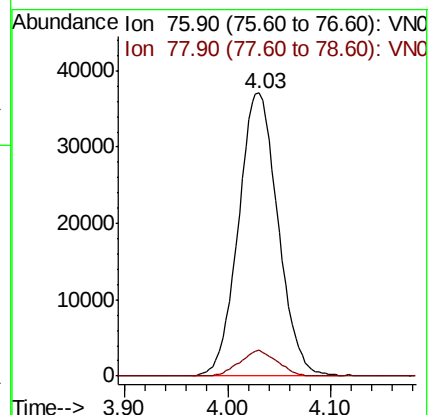
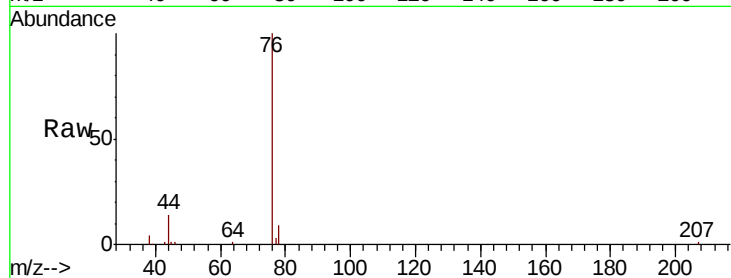
ClientSampled :

Tot Ion: 76 Resp: 98888

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 22.231 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060894.D

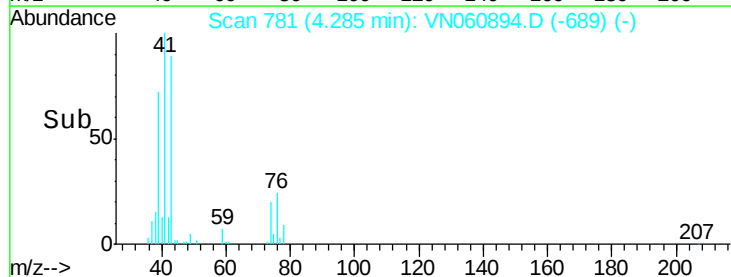
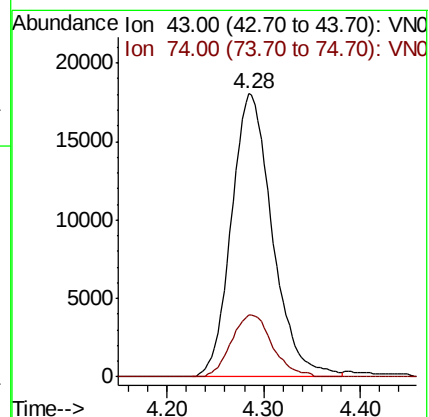
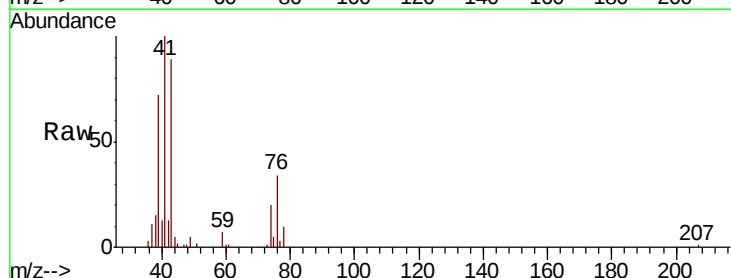
Acq: 8 Apr 2020 12:38

Tgt Ion: 43 Resp: 53117

Ion Ratio Lower Upper

43 100

74 21.8 17.5 26.3



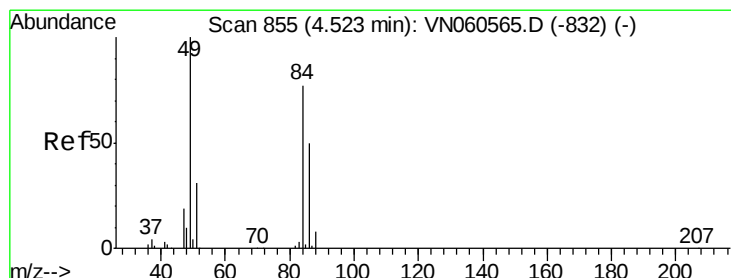
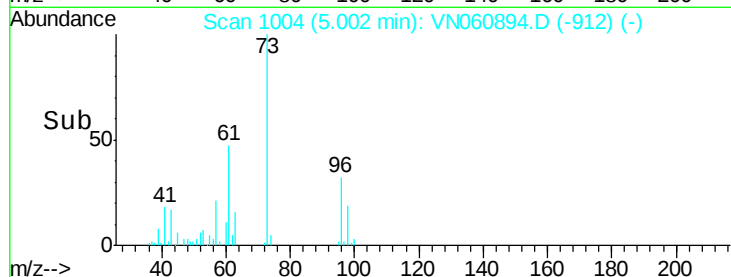
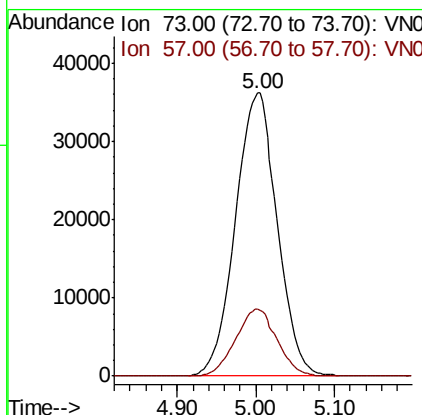
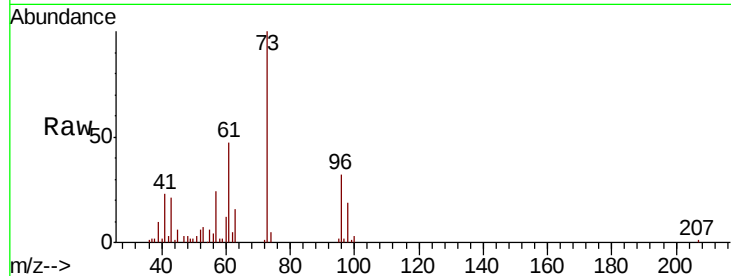


#19

Methyl tert-butyl Ether
 Concen: 20.698 ug/l
 RT: 5.00 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Instrument :
 MSVOA_N
 ClientSampled :

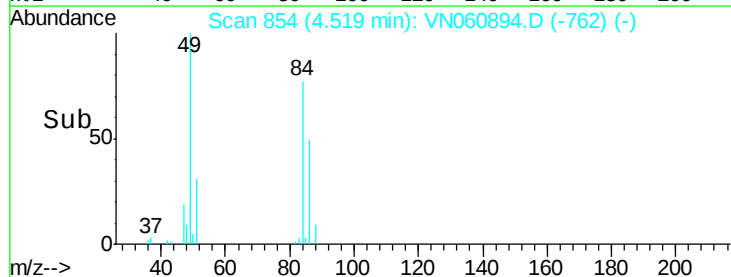
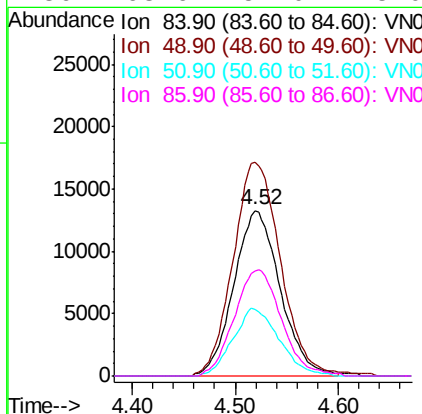
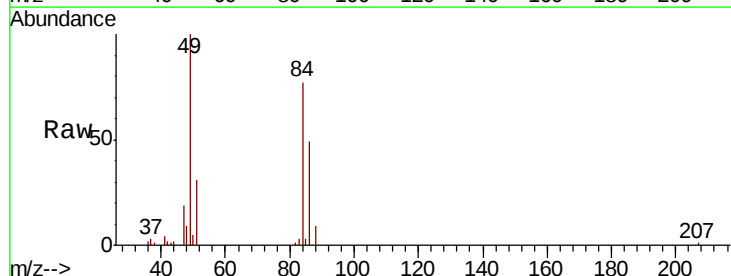
Tot Ion: 73 Resp: 134498
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.5 26.3



#20

Methylene Chloride
 Concen: 19.893 ug/l
 RT: 4.52 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 84 Resp: 41540
 Ion Ratio Lower Upper
 84 100
 49 129.2 103.3 154.9
 51 40.5 31.6 47.4
 86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 18.962 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

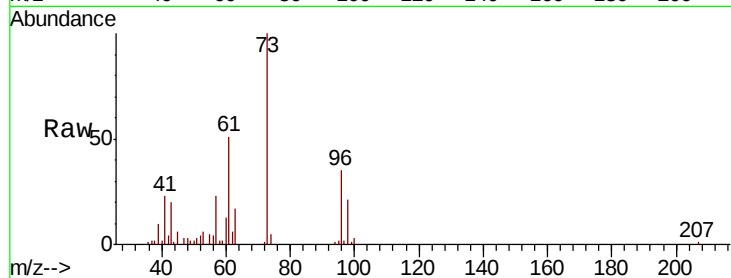
Tot Ion: 96 Resp: 38195

Ion Ratio Lower Upper

96 100

61 146.7 114.4 171.6

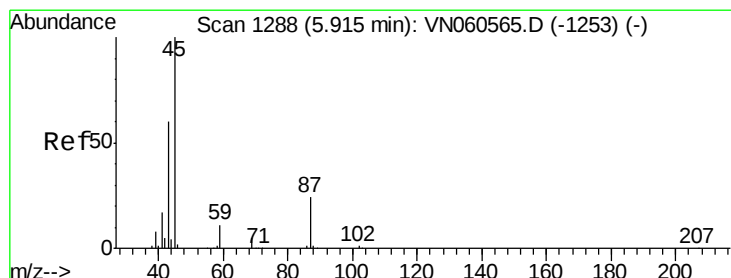
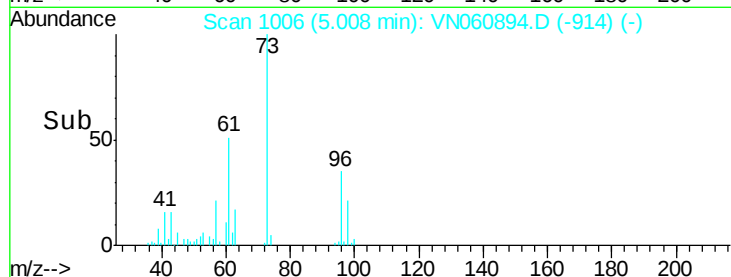
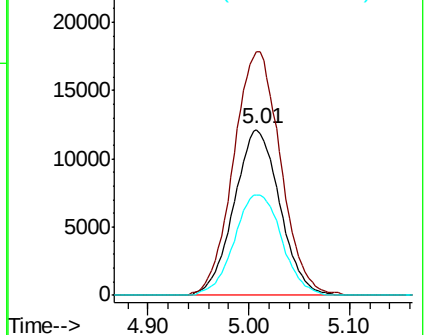
98 60.8 48.4 72.6



Abundance Ion 95.90 (95.60 to 96.60): VN060894.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN060894.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN060894.D (-914) (-)



#22

Diisopropyl ether

Concen: 21.839 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion: 45 Resp: 153372

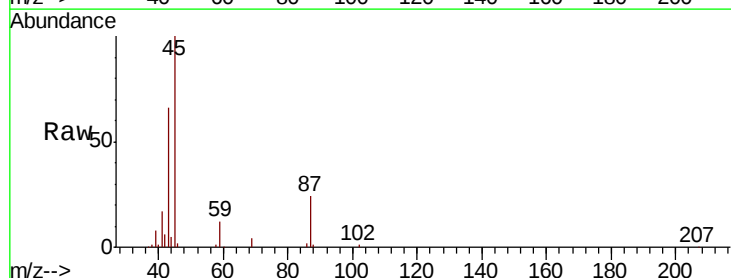
Ion Ratio Lower Upper

45 100

43 64.0 49.8 74.8

87 24.1 20.1 30.1

59 11.6 9.2 13.8

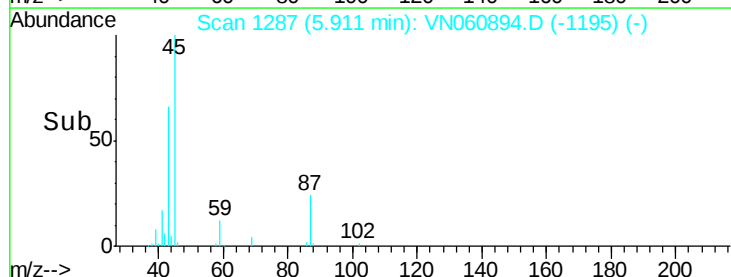
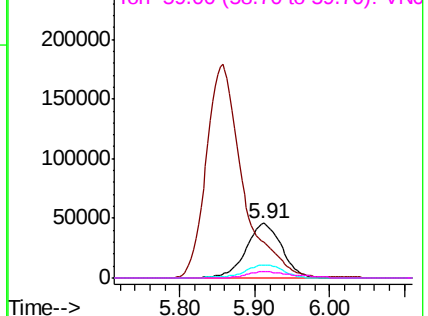


Abundance Ion 45.00 (44.70 to 45.70): VN060894.D (-1195) (-)

Ion 43.00 (42.70 to 43.70): VN060894.D (-1195) (-)

Ion 87.00 (86.70 to 87.70): VN060894.D (-1195) (-)

Ion 59.00 (58.70 to 59.70): VN060894.D (-1195) (-)

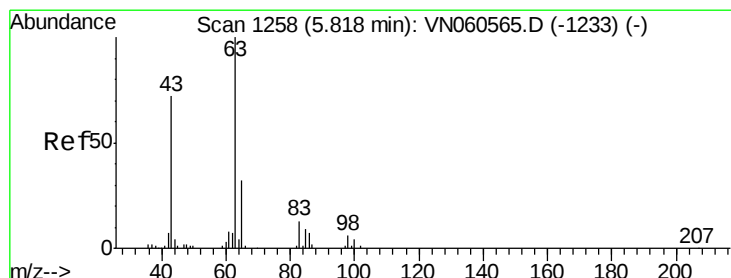
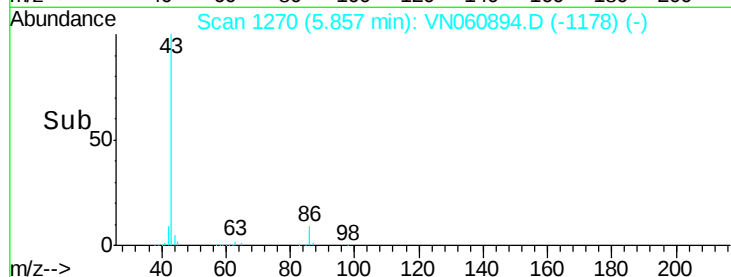
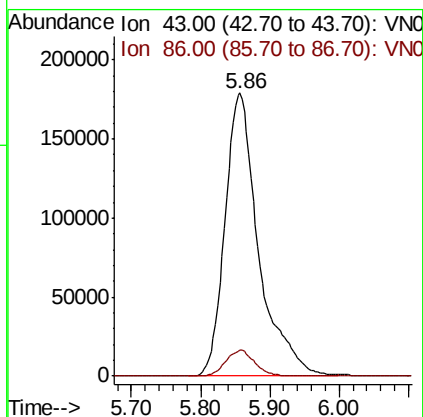
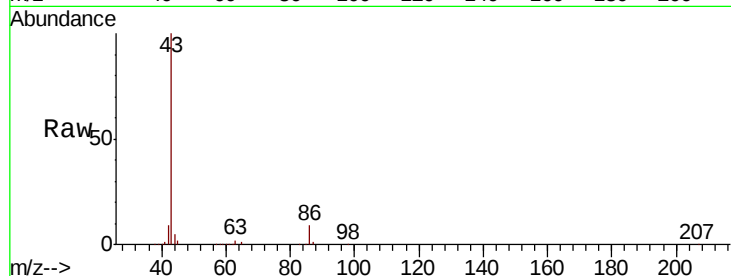




#23
 Vinyl Acetate
 Concen: 105.659 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

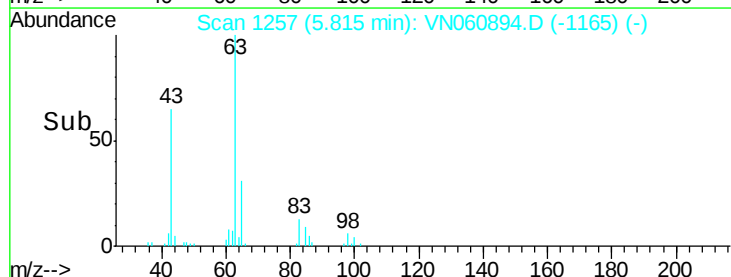
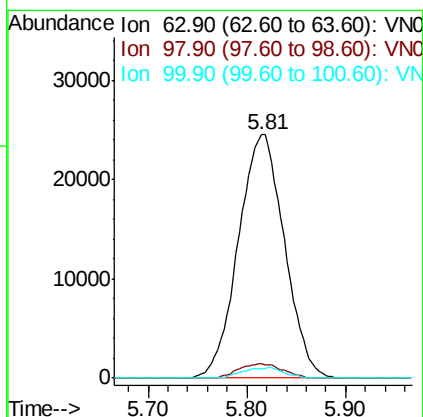
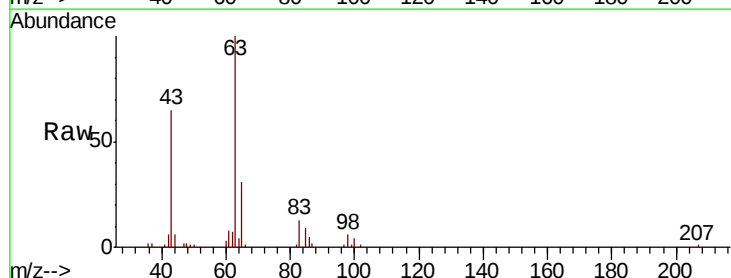
Instrument :
 MSVOA_N
 ClientSampled :

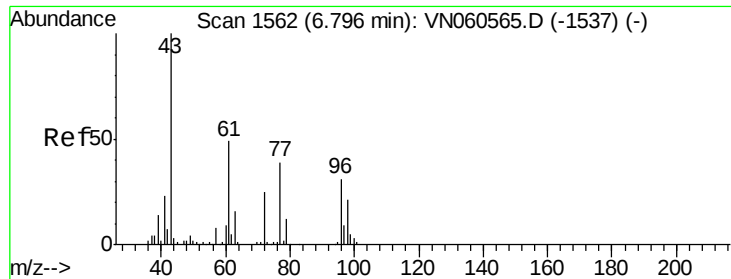
Tot Ion: 43 Resp: 605434
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 20.669 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 63 Resp: 79131
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.7
 100 3.6 1.8 5.5

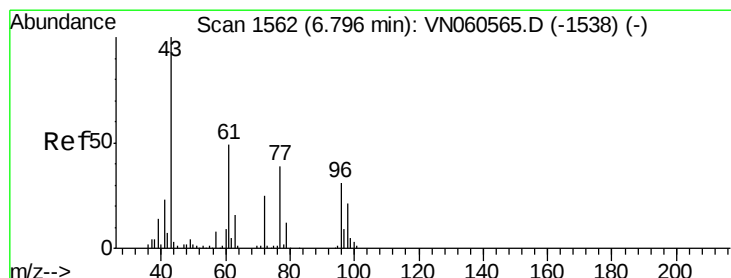
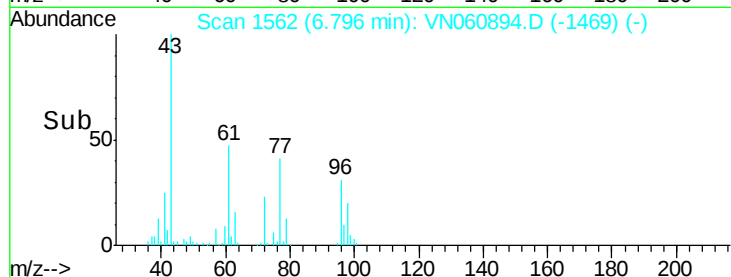
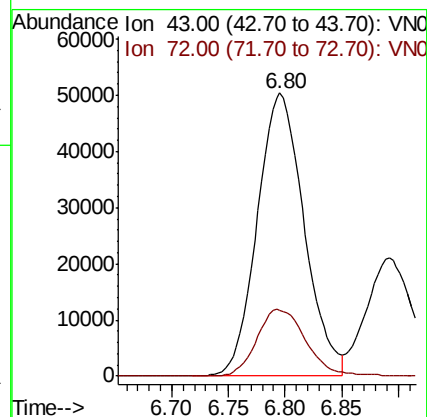
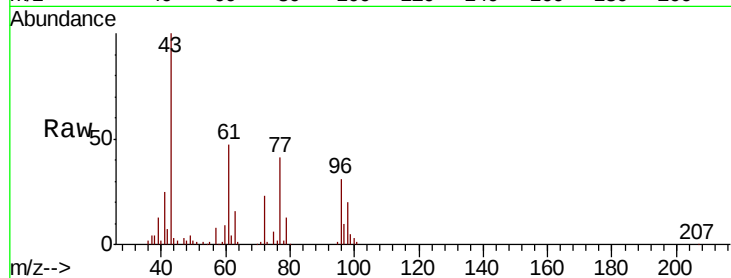




#25
2-Butanone
Concen: 105.326 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

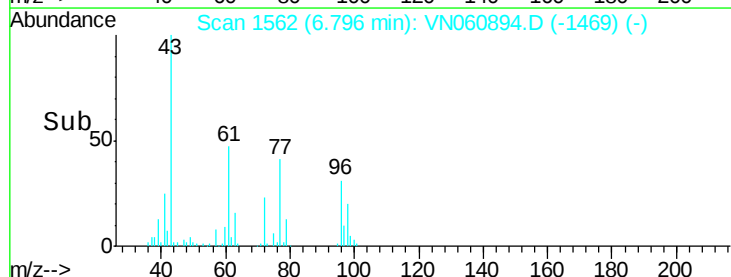
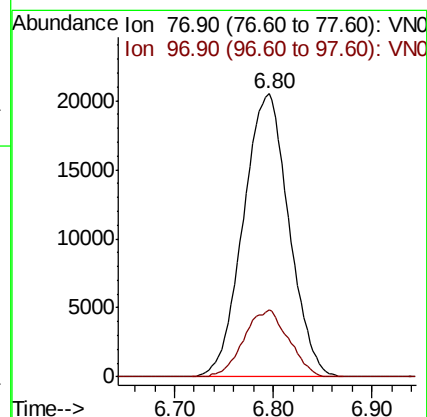
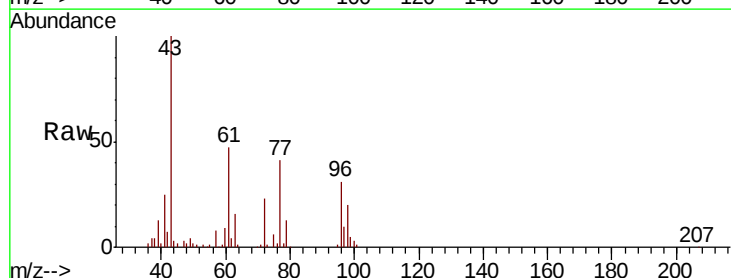
Instrument :
MSVOA_N
ClientSampled :

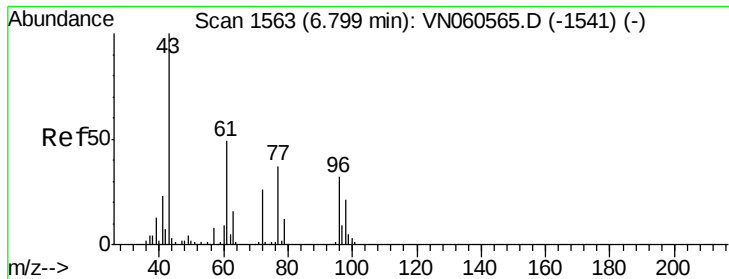
Tot Ion: 43 Resp: 144675
Ion Ratio Lower Upper
43 100
72 23.3 20.4 30.6



#26
2,2-Dichloropropane
Concen: 21.802 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 77 Resp: 65672
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.006 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :

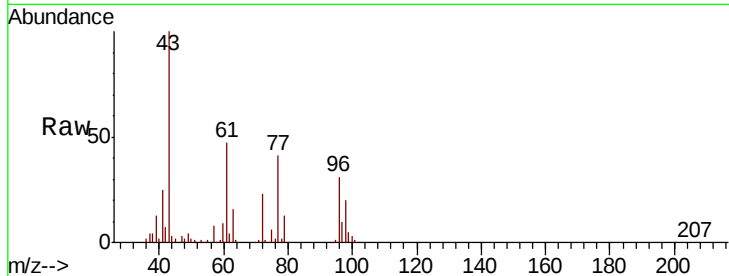
Tot Ion: 96 Resp: 45795

Ion Ratio Lower Upper

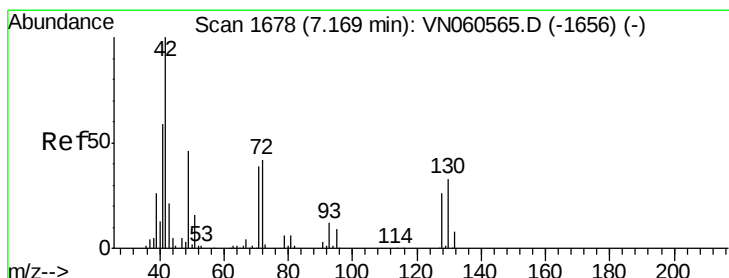
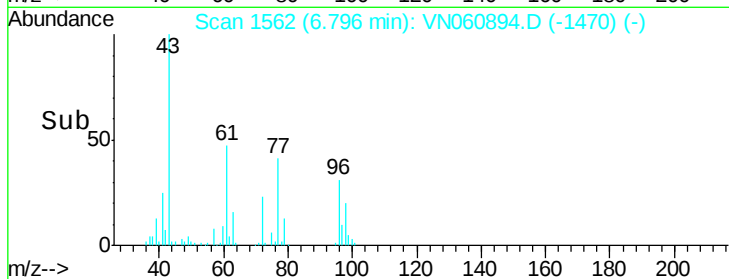
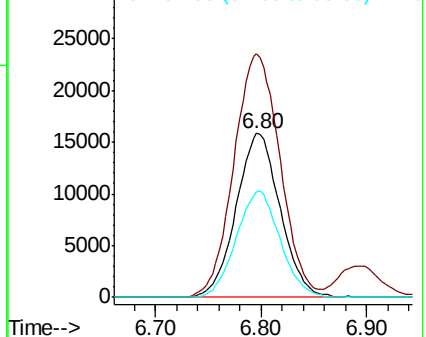
96 100

61 156.3 0.0 305.6

98 64.8 0.0 127.6



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: 21.137 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

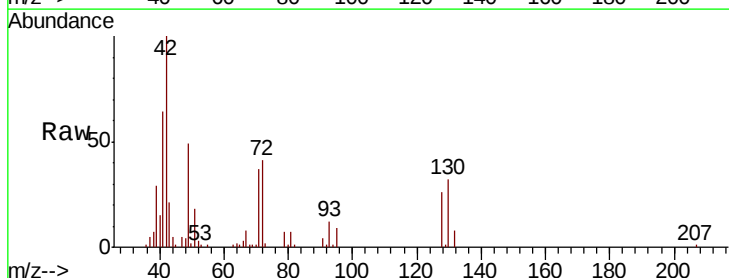
Tgt Ion: 49 Resp: 38717

Ion Ratio Lower Upper

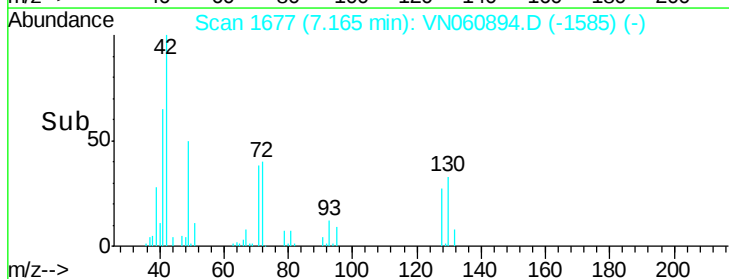
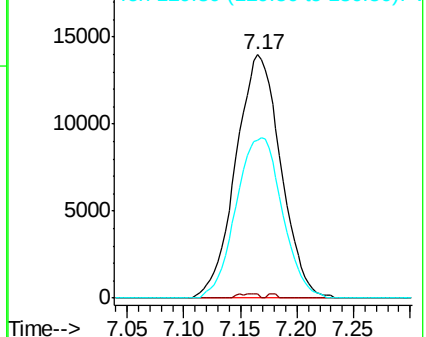
49 100

129 0.8 0.0 3.4

130 67.7 55.0 82.4



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

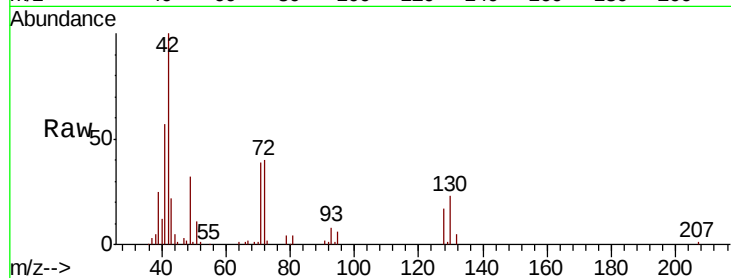




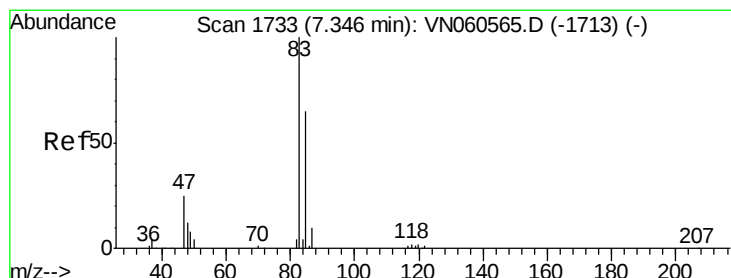
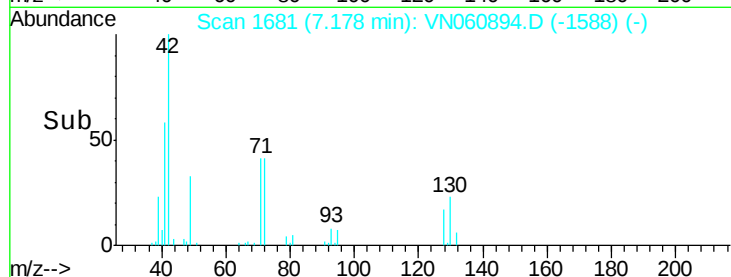
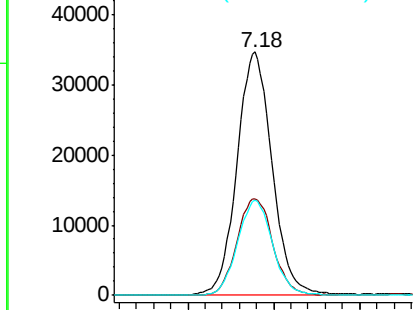
#29
Tetrahydrofuran
Concen: 101.780 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 98917
Ion Ratio Lower Upper
42 100
72 40.2 33.2 49.8
71 38.6 31.1 46.7

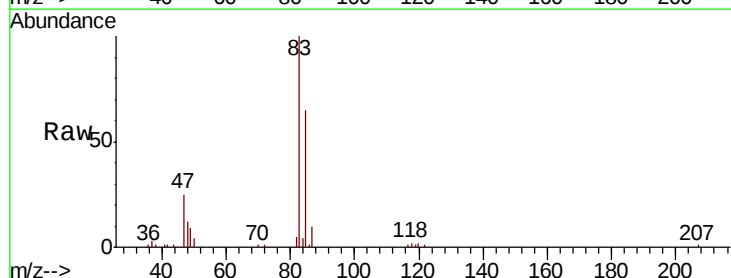


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

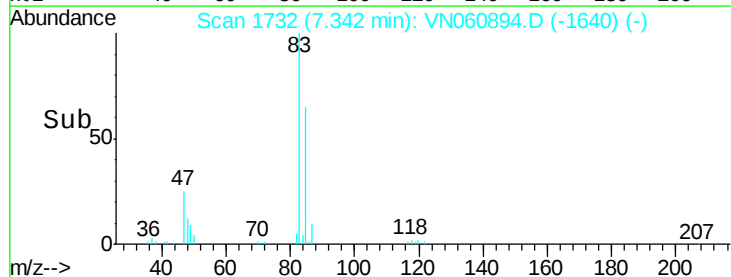
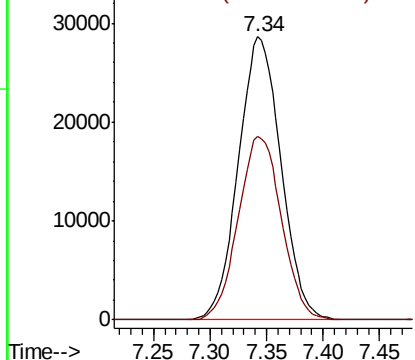


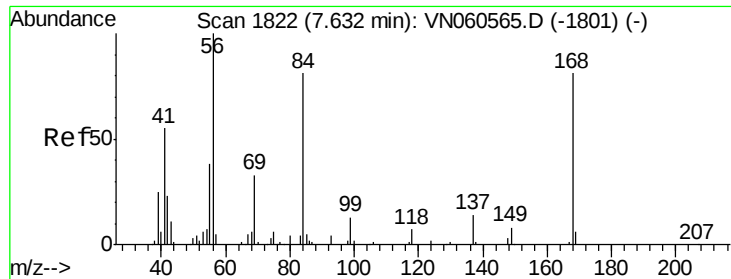
#30
Chloroform
Concen: 20.432 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 83 Resp: 74991
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.619 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

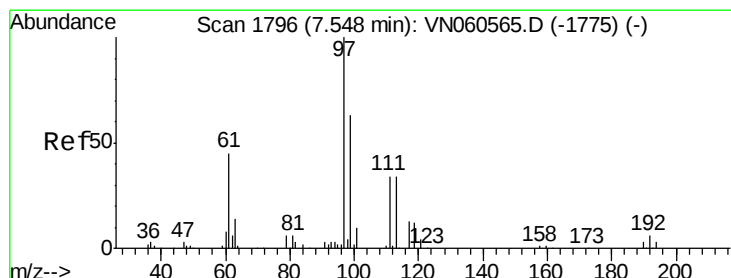
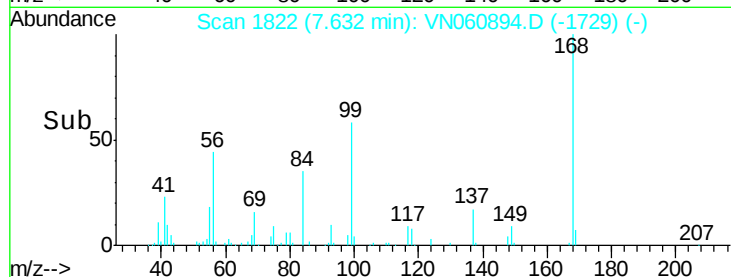
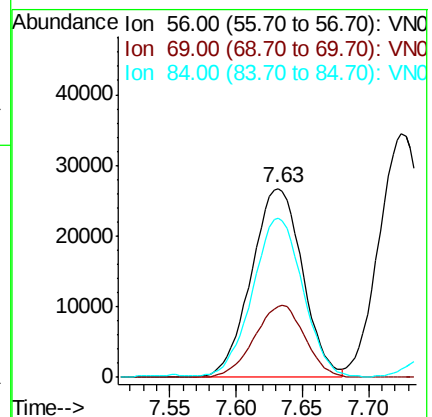
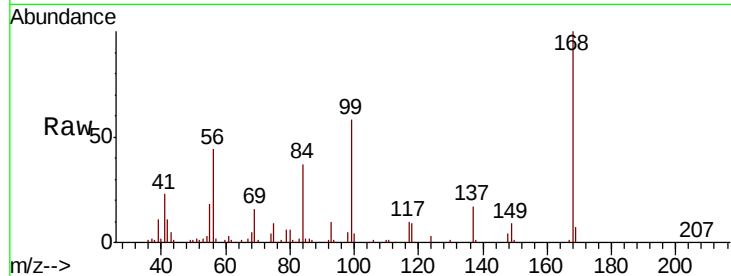
Tot Ion: 56 Resp: 71863

Ion Ratio Lower Upper

56 100

69 37.2 26.6 40.0

84 83.7 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 19.844 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

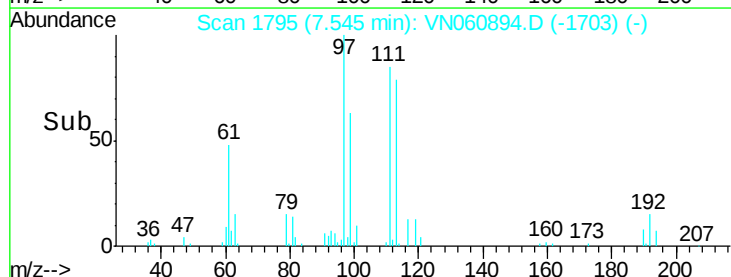
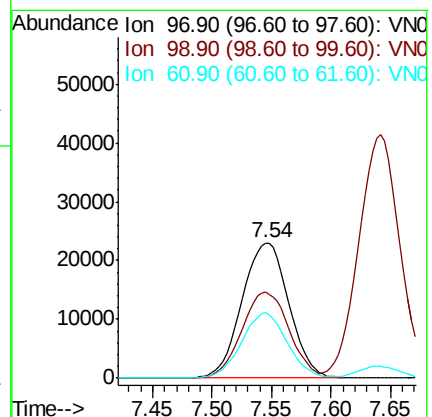
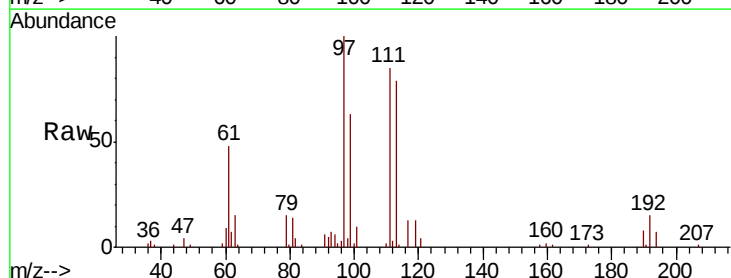
Tgt Ion: 97 Resp: 62787

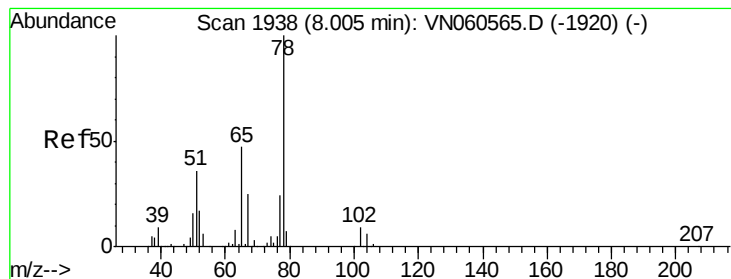
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 46.8 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.913 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

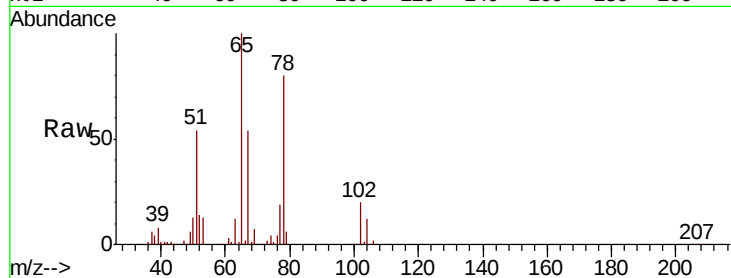
ClientSampleId :

Tot Ion: 65 Resp: 119612

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060894.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060894.D (-1845) (-)

8.00

60000

50000

40000

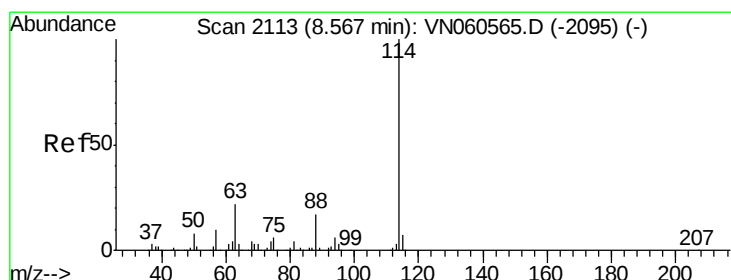
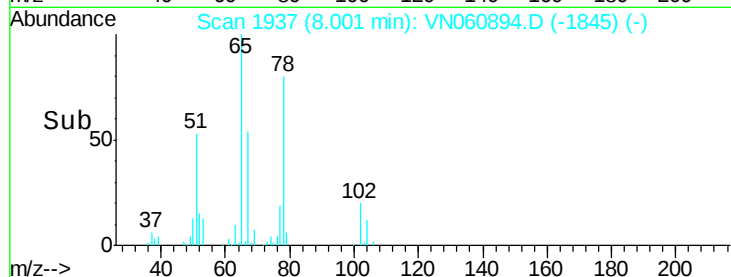
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

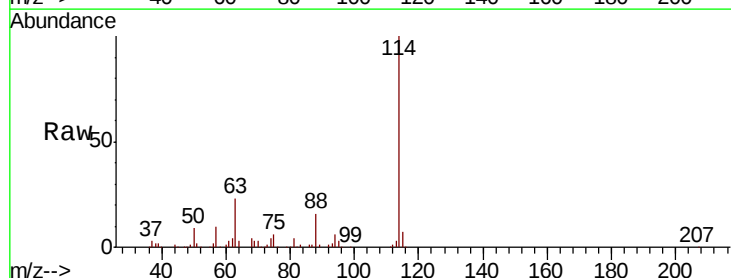
Tgt Ion: 114 Resp: 286020

Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.8

88 16.1 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060894.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060894.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060894.D (-2020) (-)

8.56

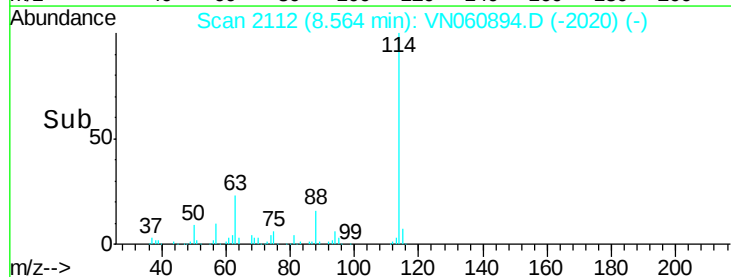
150000

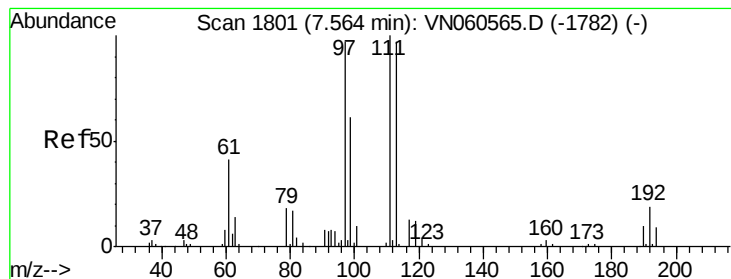
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.624 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

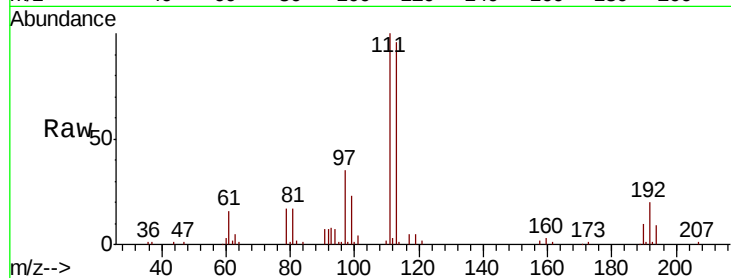
Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 89282

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	20.2	15.8	23.8

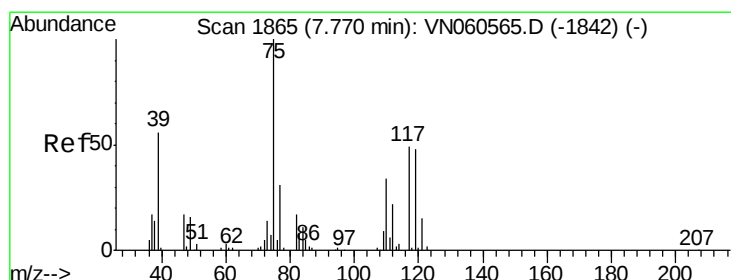
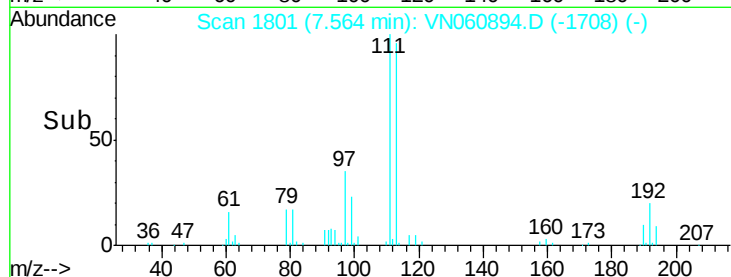
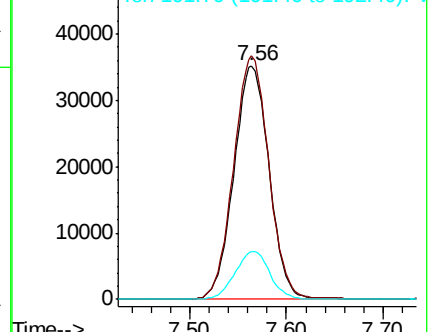


Abundance

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: 20.291 ug/l

RT: 7.77 min Scan# 1865

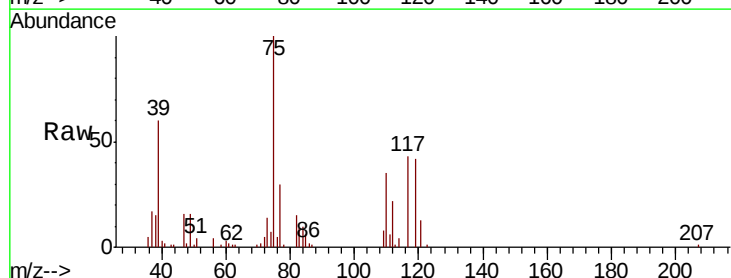
Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion: 75 Resp: 56198

Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	30.4	24.6	36.8

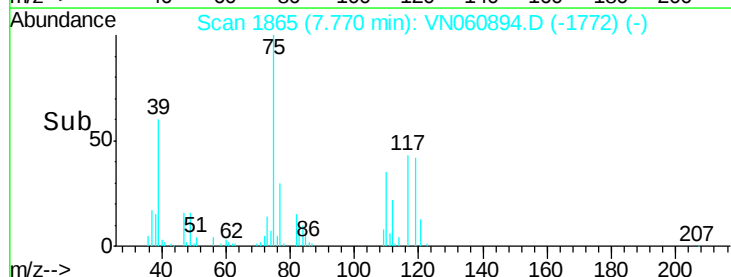
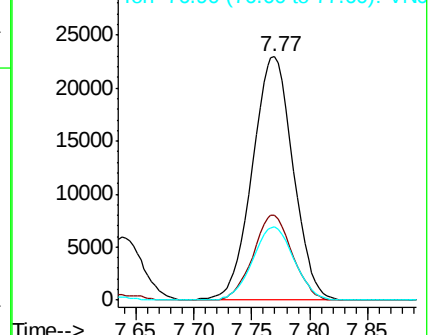


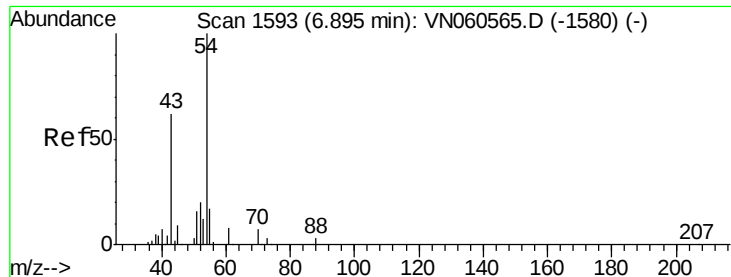
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

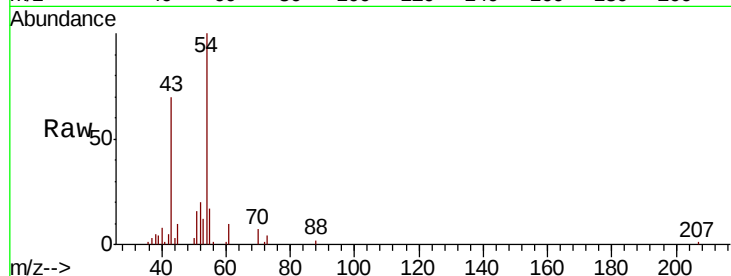




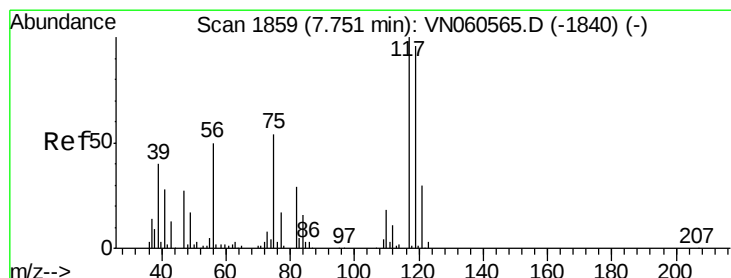
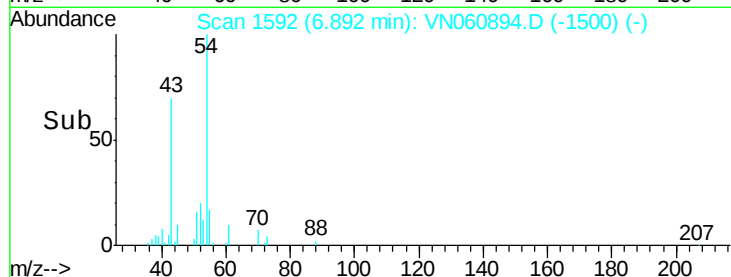
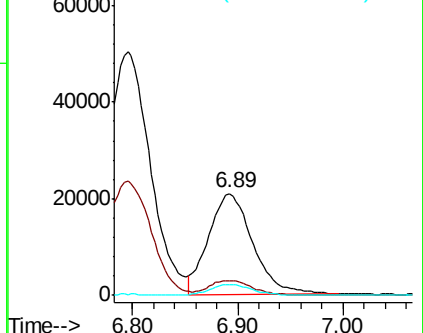
#37
Ethyl Acetate
Concen: 20.306 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 60768
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 10.1 7.9 11.9

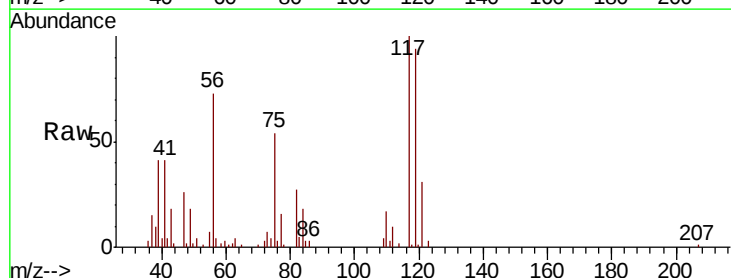


Abundance Ion 43.00 (42.70 to 43.70): VN060894.D (-1500) (-)
Ion 60.90 (60.60 to 61.60): VN060894.D (-1500) (-)
Ion 70.00 (69.70 to 70.70): VN060894.D (-1500) (-)

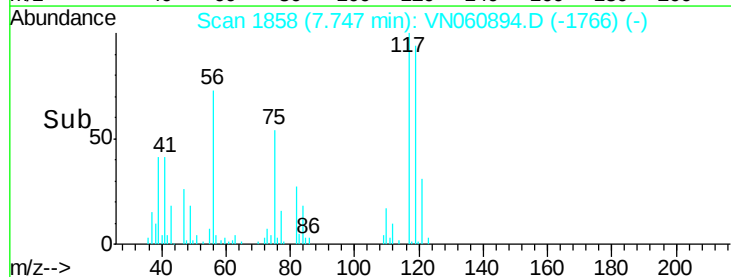
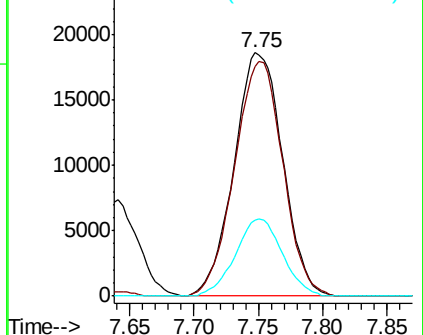


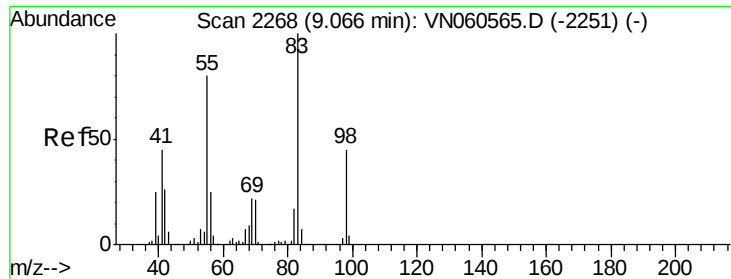
#38
Carbon Tetrachloride
Concen: 19.701 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 117 Resp: 48902
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.2
121 31.4 23.7 35.5



Abundance Ion 116.80 (116.50 to 117.50): VN060894.D (-1766) (-)
Ion 118.80 (118.50 to 119.50): VN060894.D (-1766) (-)
Ion 120.80 (120.50 to 121.50): VN060894.D (-1766) (-)

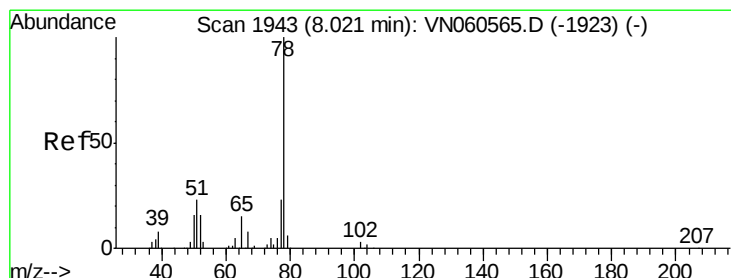
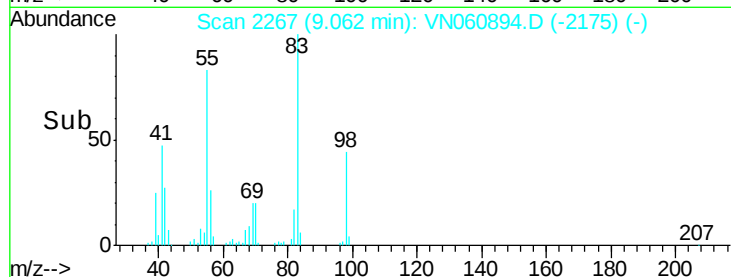
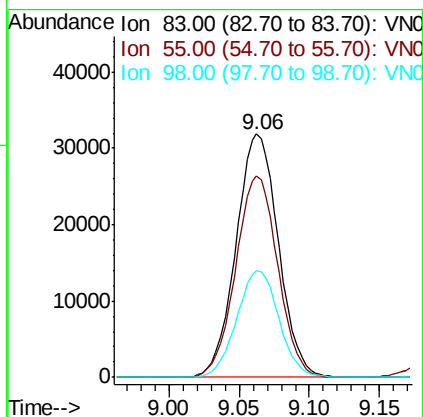
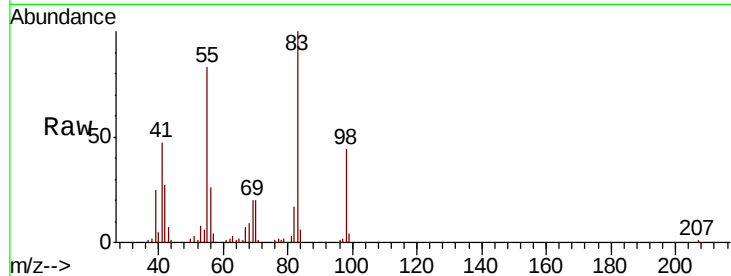




#39
Methvlcvclohexane
Concen: 20.332 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

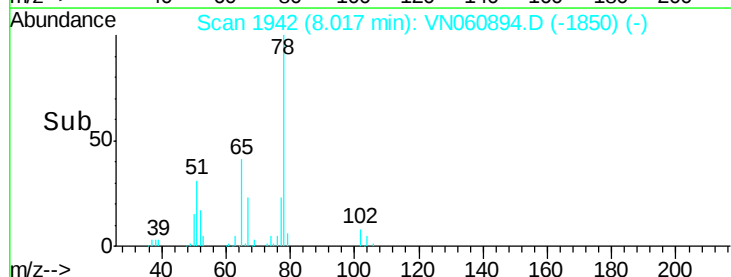
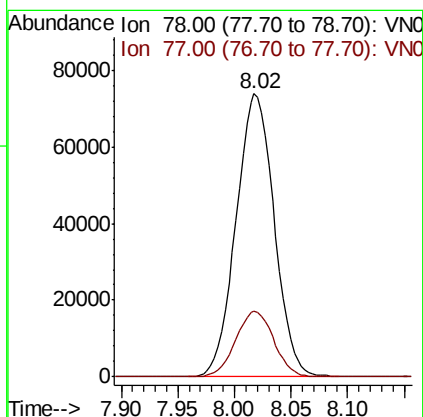
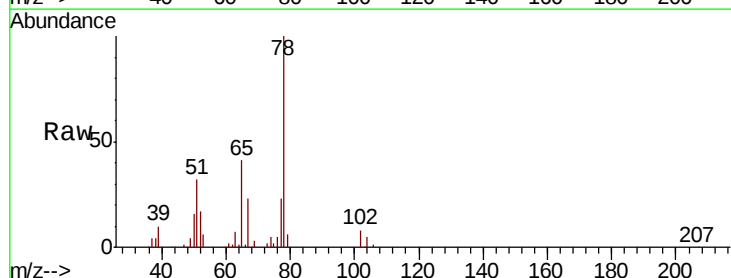
Instrument :
MSVOA_N
ClientSampleId :

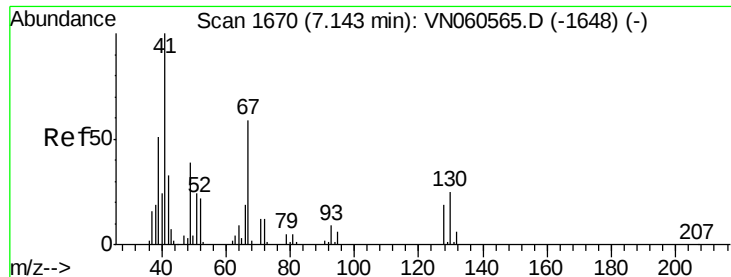
Tot Ion: 83 Resp: 66917
Ion Ratio Lower Upper
83 100
55 82.9 63.6 95.4
98 43.7 36.0 54.0



#40
Benzene
Concen: 20.729 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 78 Resp: 173304
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

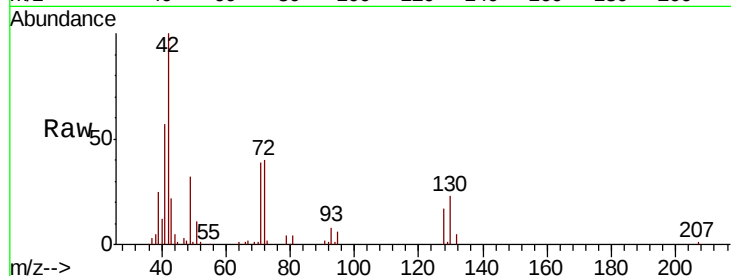




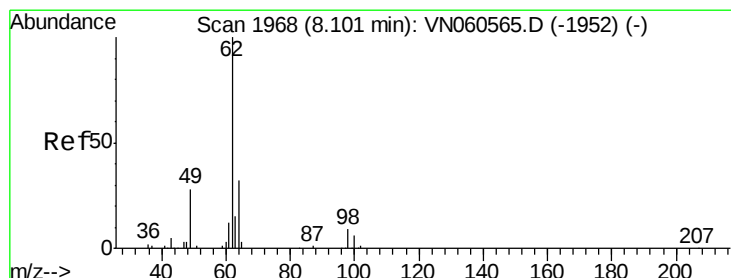
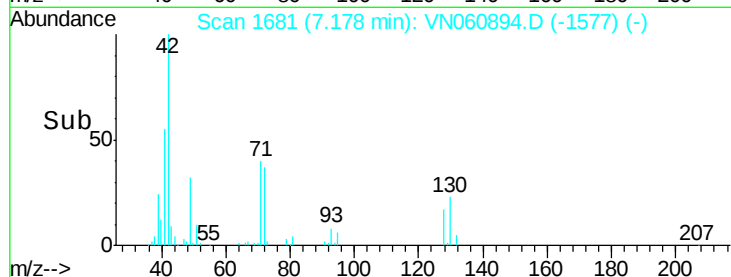
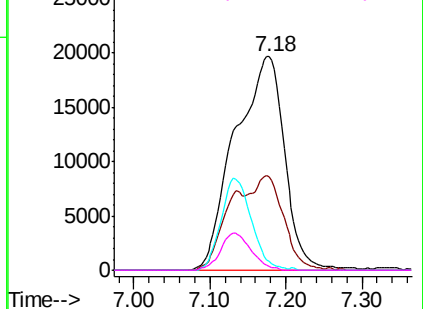
#41
Methacrylonitrile
Concen: 69.688 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.04 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	89001
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

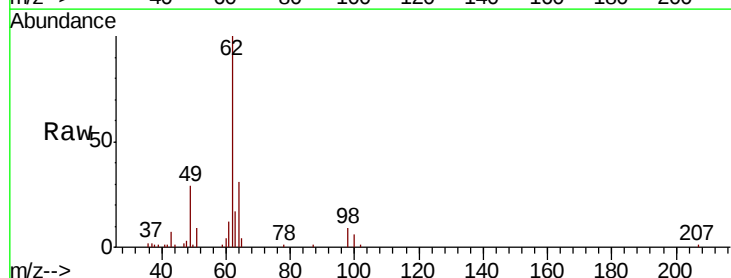


Abundance Ion 41.00 (40.70 to 41.70): VN060565.D (-1648) (-)
Ion 39.00 (38.70 to 39.70): VN060565.D (-1648) (-)
Ion 67.00 (66.70 to 67.70): VN060565.D (-1648) (-)
Ion 52.00 (51.70 to 52.70): VN060565.D (-1648) (-)

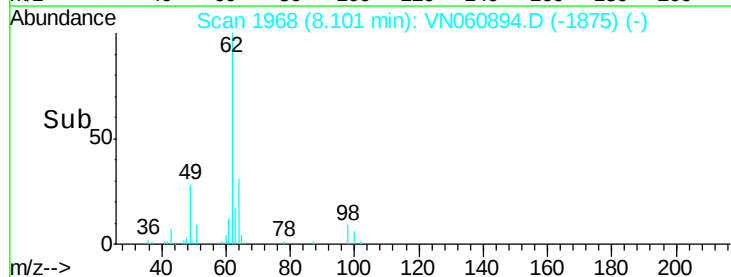
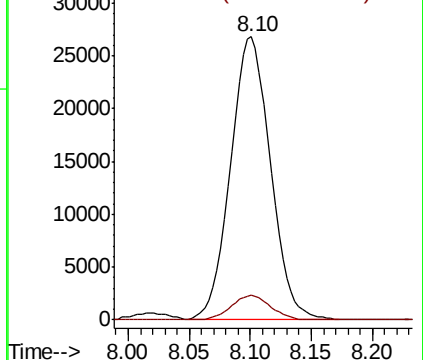


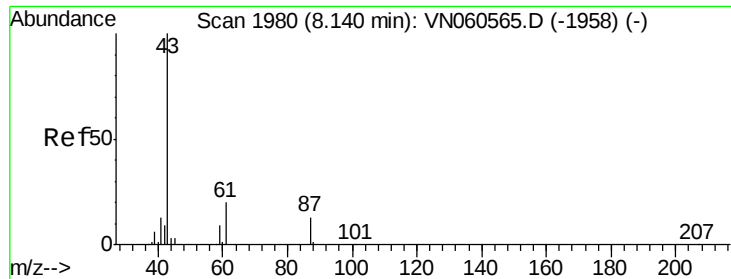
#42
1,2-Dichloroethane
Concen: 21.310 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:	62	Resp:	60887
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN060565.D (-1952) (-)
Ion 97.90 (97.60 to 98.60): VN060565.D (-1952) (-)





#43

Isopropyl Acetate

Concen: 21.460 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

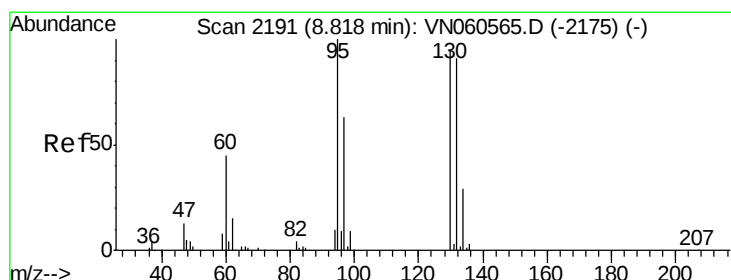
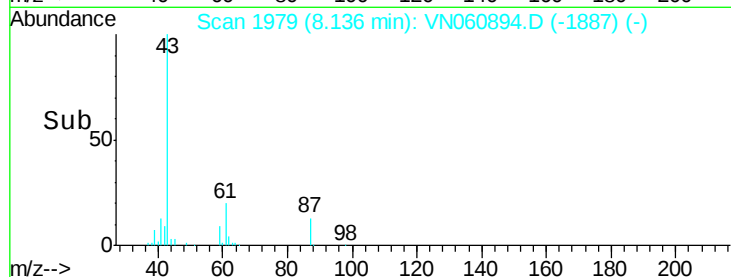
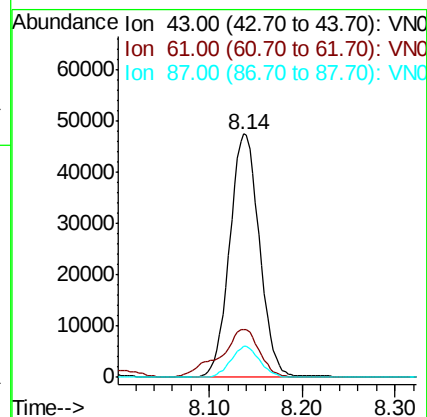
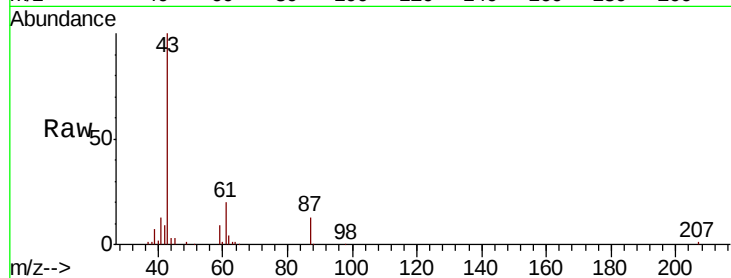
Tot Ion: 43 Resp: 105910

Ion Ratio Lower Upper

43 100

61 25.9 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 20.545 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060894.D

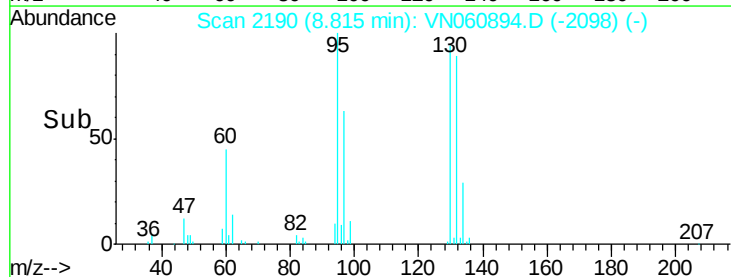
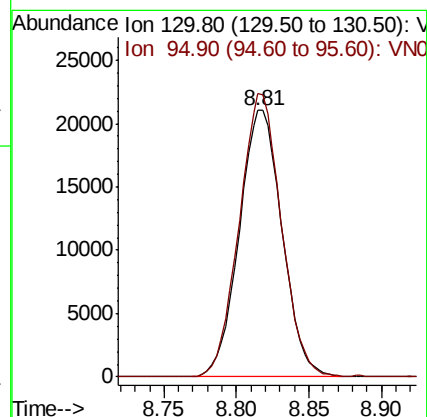
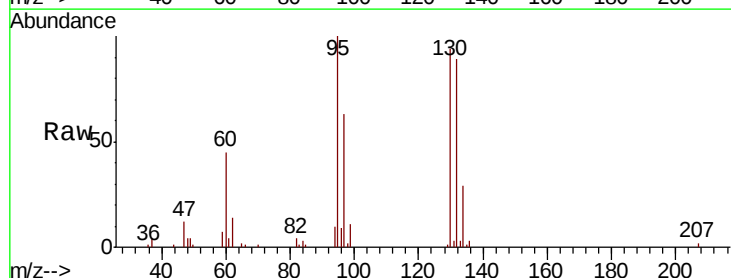
Acq: 8 Apr 2020 12:38

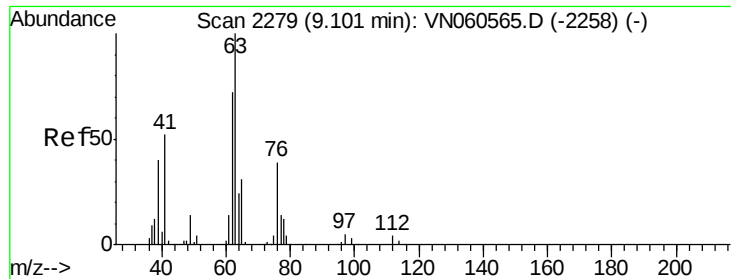
Tgt Ion: 130 Resp: 43301

Ion Ratio Lower Upper

130 100

95 106.2 0.0 211.2

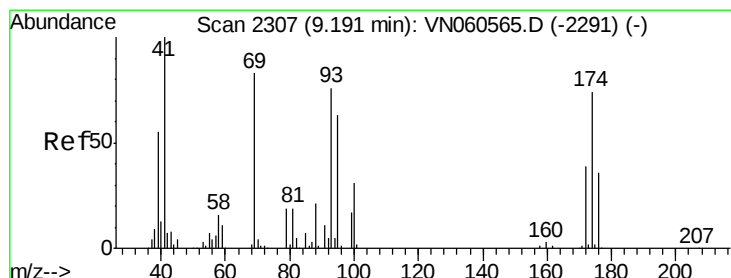
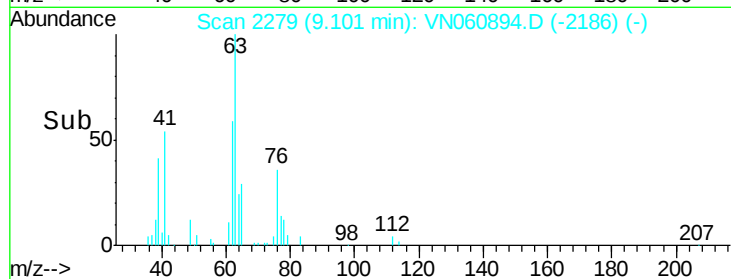
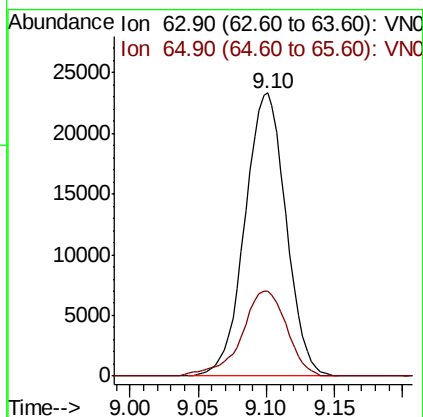
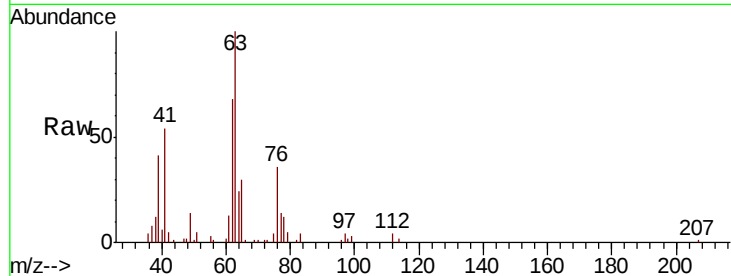




#45
 1,2-Dichloropropane
 Concen: 22.082 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

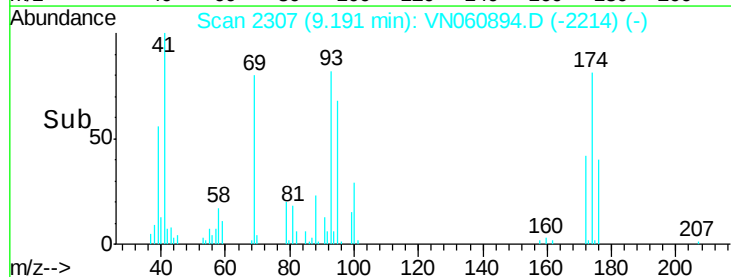
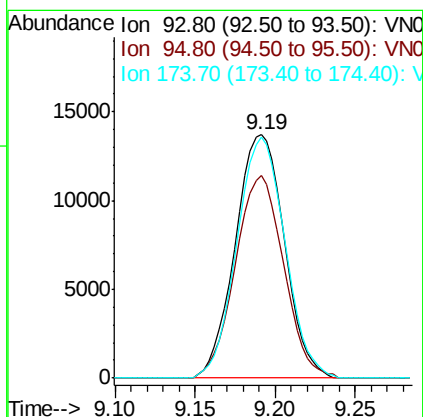
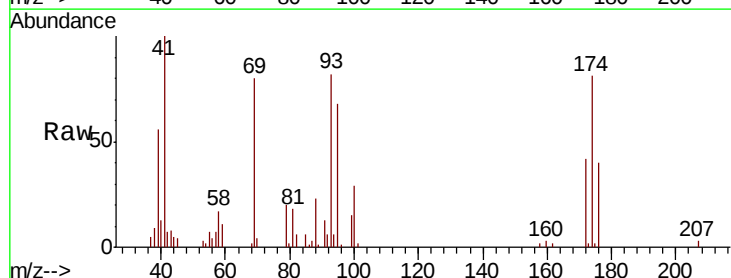
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 48714
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.4 38.0



#46
 Dibromomethane
 Concen: 21.574 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 93 Resp: 28773
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.2 99.4
 174 97.0 77.9 116.9





#47

Bromodichloromethane

Concen: 21.286 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

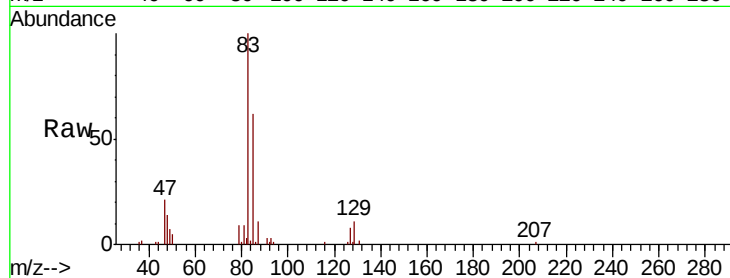
Tot Ion: 83 Resp: 58993

Ion Ratio Lower Upper

83 100

85 62.4 51.8 77.6

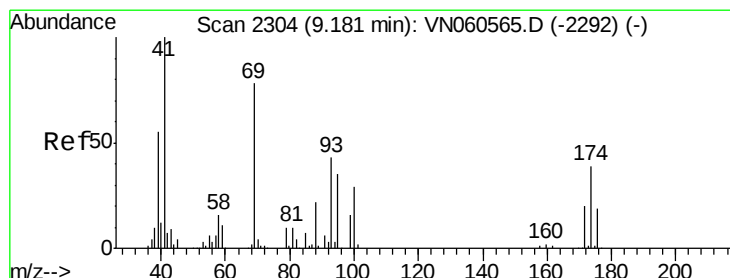
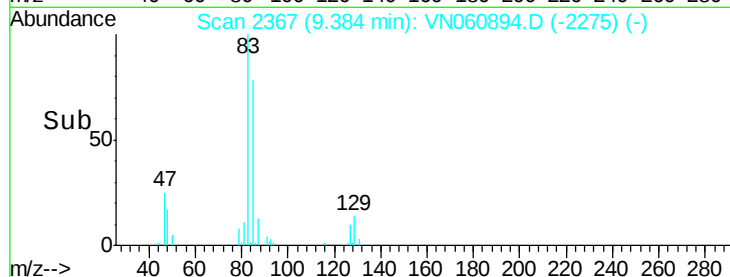
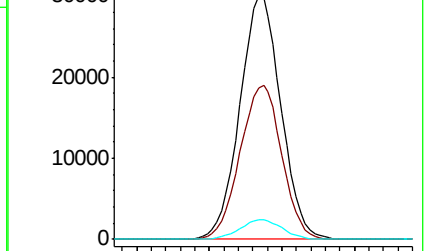
127 8.1 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060894.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060894.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060894.D (-2275) (-)



#48

Methyl methacrylate

Concen: 20.398 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

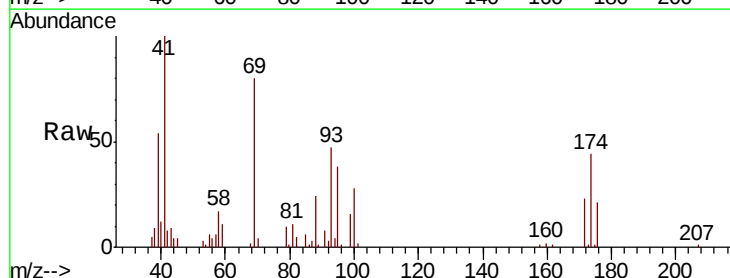
Tgt Ion: 41 Resp: 44821

Ion Ratio Lower Upper

41 100

69 82.8 65.4 98.0

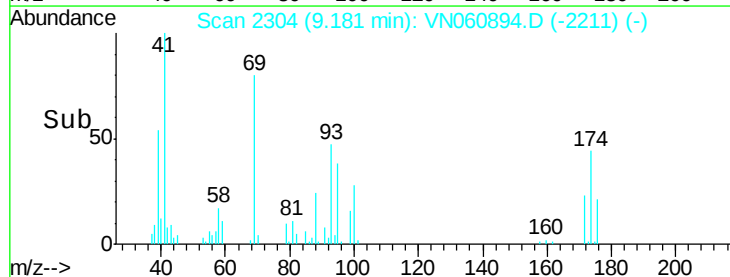
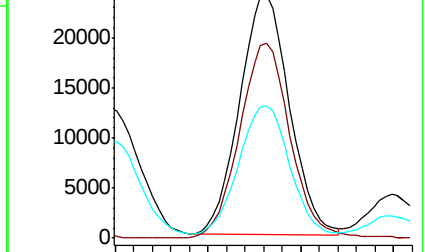
39 58.4 44.0 66.0

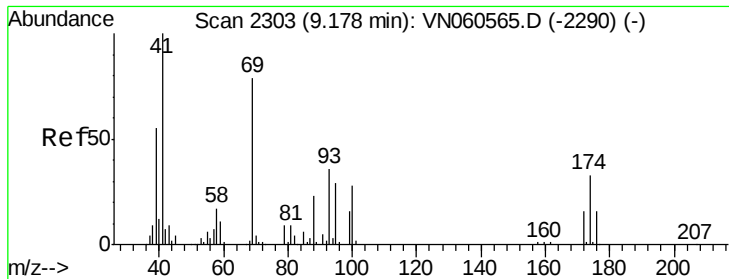


Abundance Ion 41.00 (40.70 to 41.70): VN060894.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060894.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060894.D (-2211) (-)

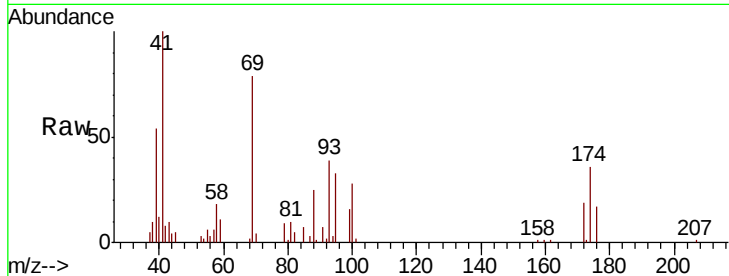




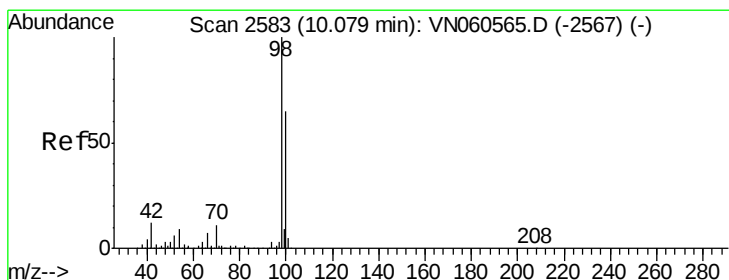
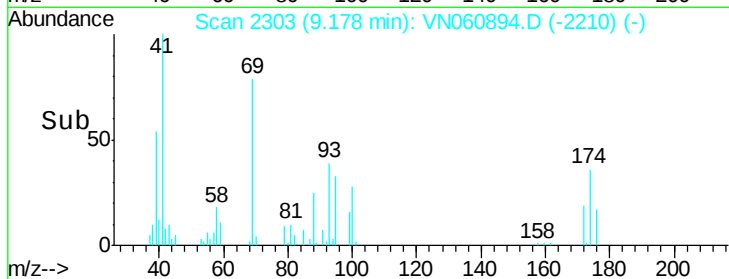
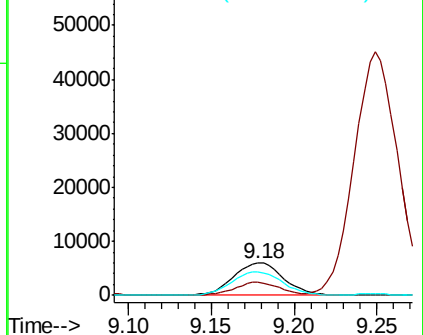
#49
 1,4-Dioxane
 Concen: 479.975 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 12536
 Ion Ratio Lower Upper
 88 100
 43 36.8 30.8 46.2
 58 74.0 59.8 89.8

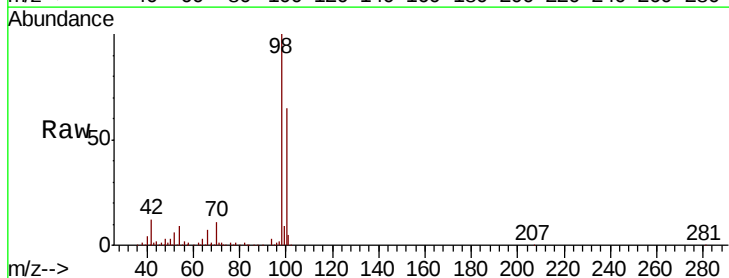


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

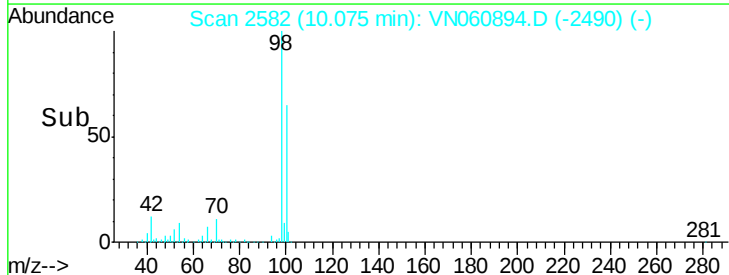
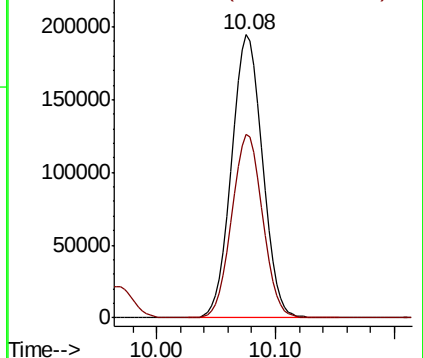


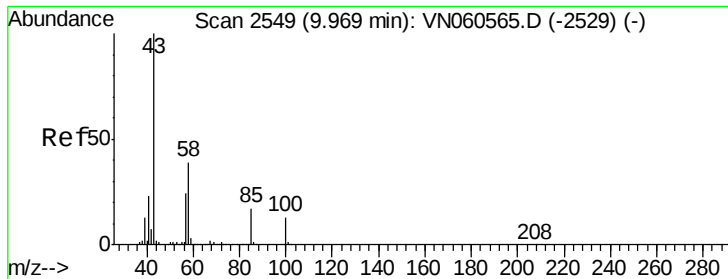
#50
 Toluene-d8
 Concen: 49.729 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 98 Resp: 351295
 Ion Ratio Lower Upper
 98 100
 100 64.8 51.8 77.8



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: 108.218 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

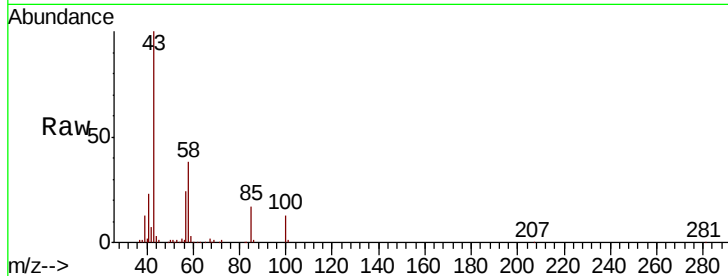
ClientSampled :

Tot Ion: 43 Resp: 303922

Ion Ratio Lower Upper

43 100

58 37.7 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

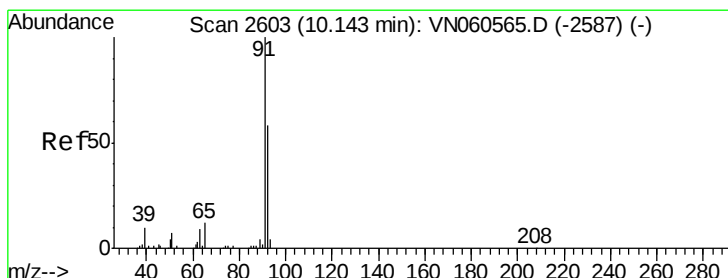
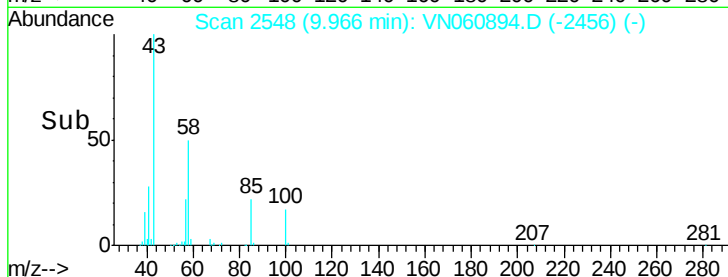
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.466 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060894.D

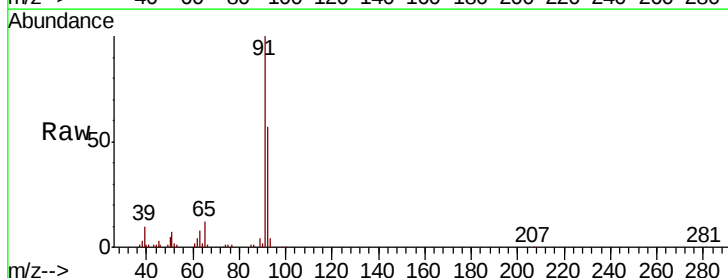
Acq: 8 Apr 2020 12:38

Tgt Ion: 92 Resp: 103340

Ion Ratio Lower Upper

92 100

91 174.4 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

100000

80000

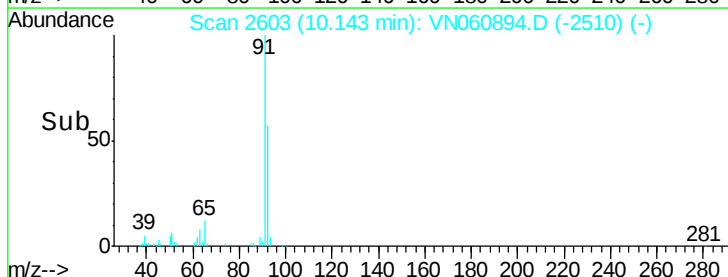
60000

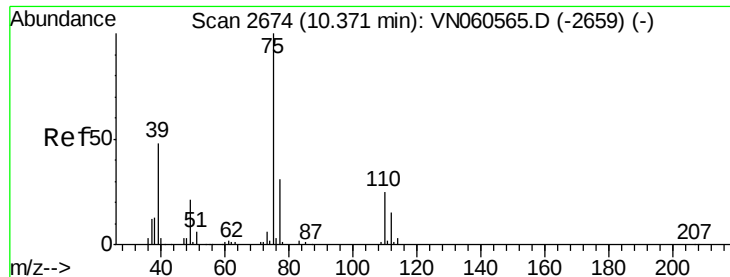
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.877 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

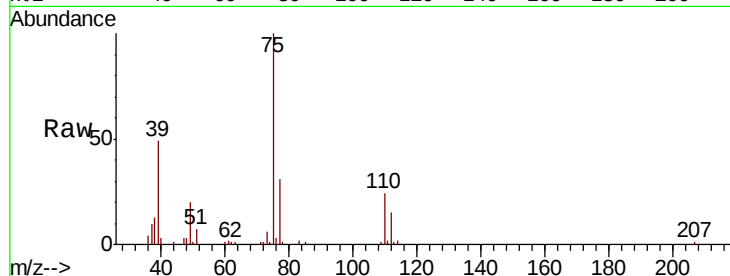
ClientSampleId :

Tot Ion: 75 Resp: 69645

Ion Ratio Lower Upper

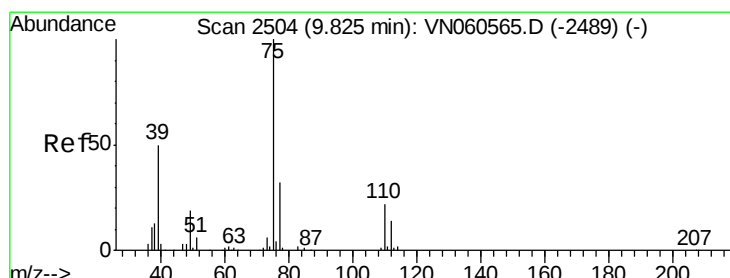
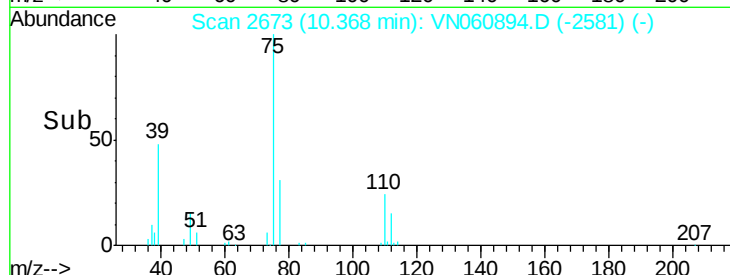
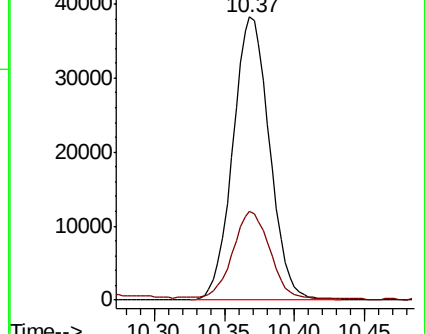
75 100

77 30.8 25.1 37.7



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: 21.322 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

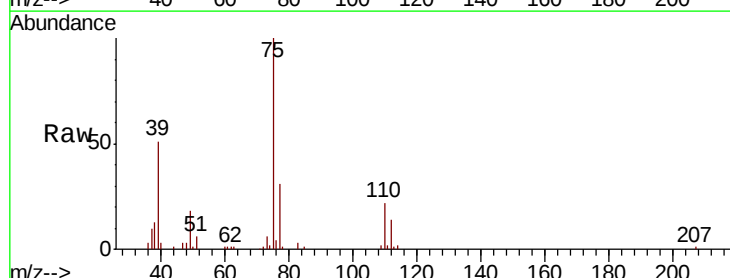
Tgt Ion: 75 Resp: 74466

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

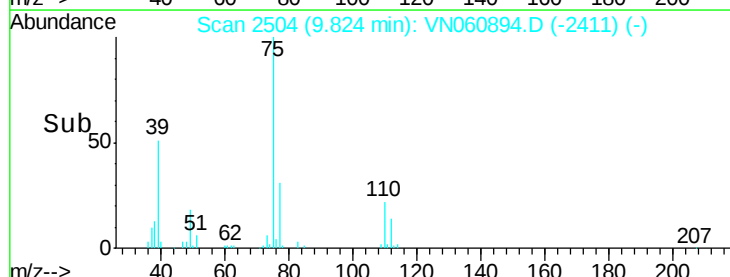
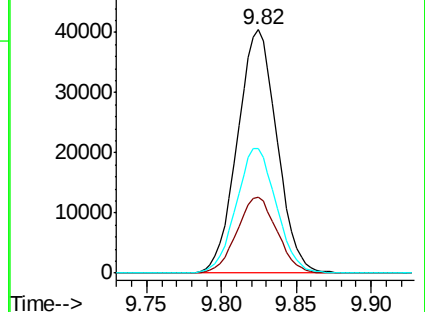
39 50.9 40.2 60.4

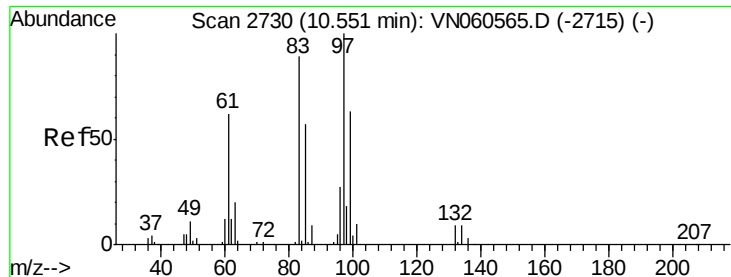


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 21.333 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

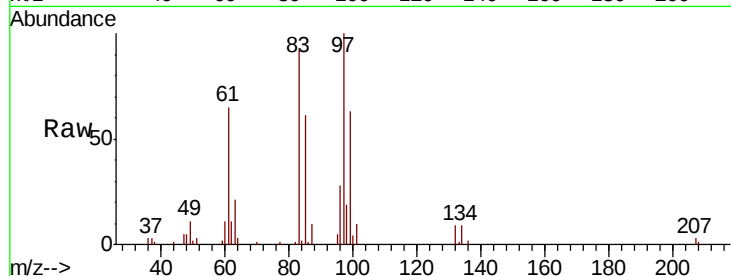
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 41439

Ion	Ratio	Lower	Upper
97	100		
83	92.1	71.3	106.9
85	60.6	45.2	67.8
99	63.2	50.1	75.1

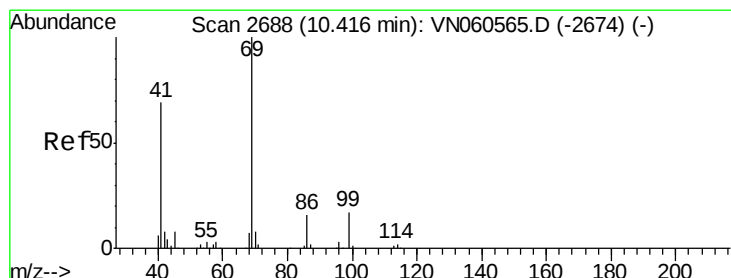
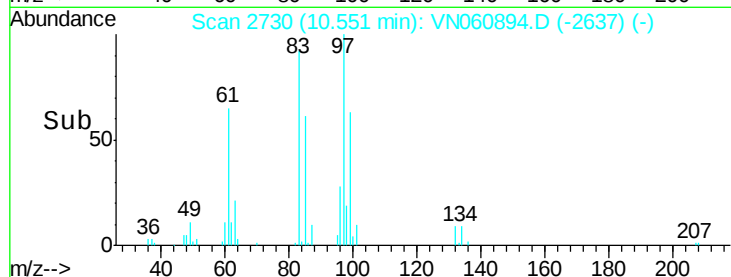
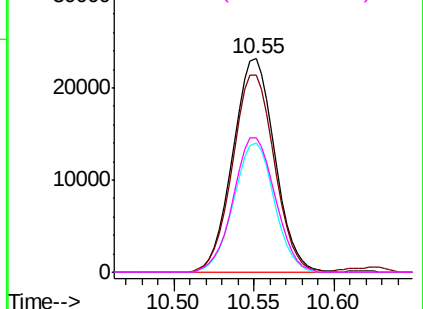


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.969 ug/l

RT: 10.42 min Scan# 2688

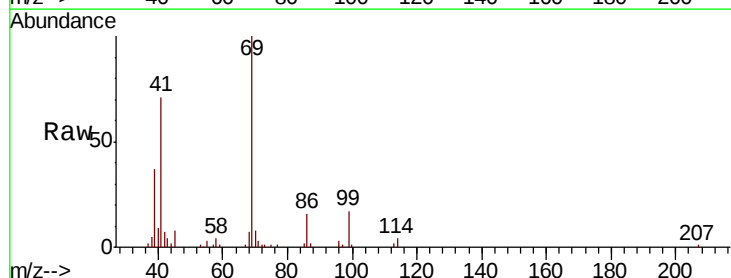
Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion: 69 Resp: 63512

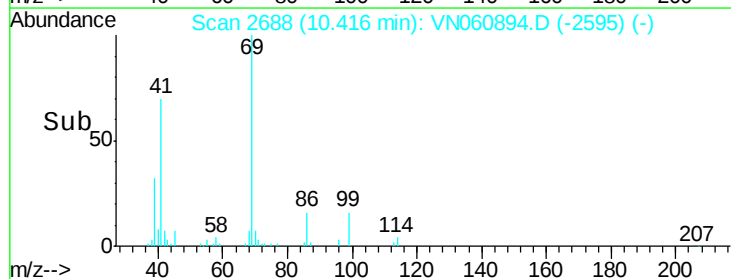
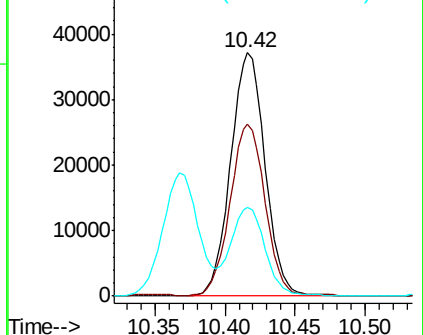
Ion	Ratio	Lower	Upper
69	100		
41	72.4	55.4	83.2
39	37.0	29.4	44.0



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 21.800 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

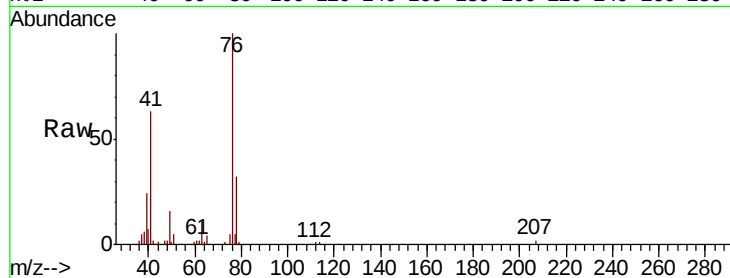
ClientSampled :

Tot Ion: 76 Resp: 73484

Ion Ratio Lower Upper

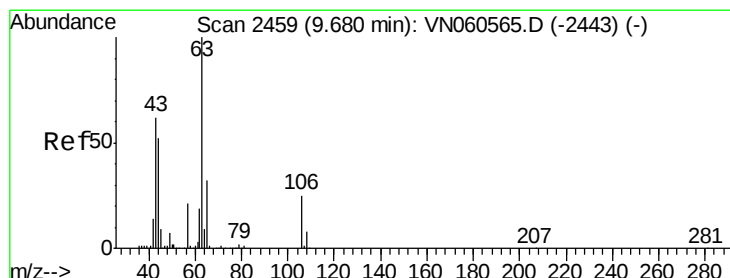
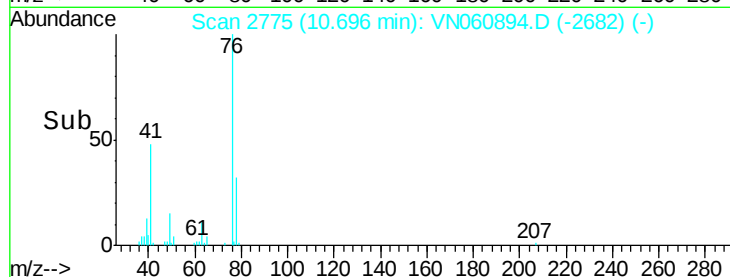
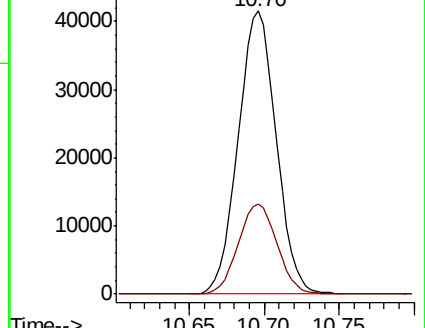
76 100

78 32.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060894.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060894.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 93.117 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060894.D

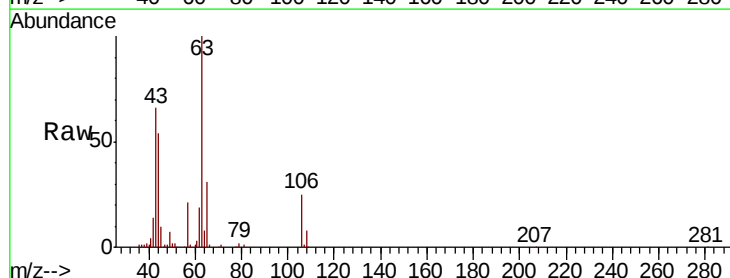
Acq: 8 Apr 2020 12:38

Tgt Ion: 63 Resp: 140175

Ion Ratio Lower Upper

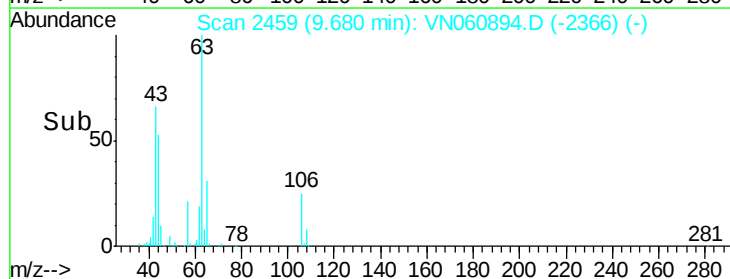
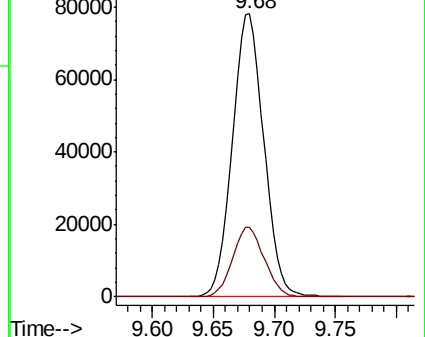
63 100

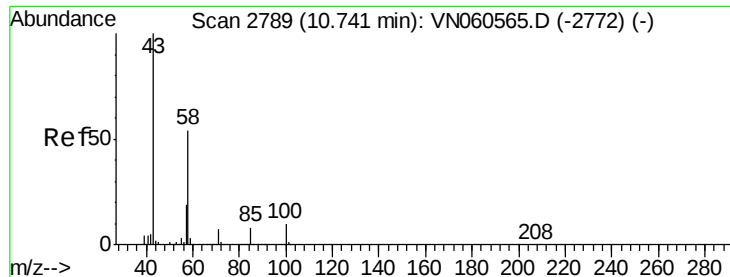
106 24.8 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060894.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060894.D (-2366) (-)

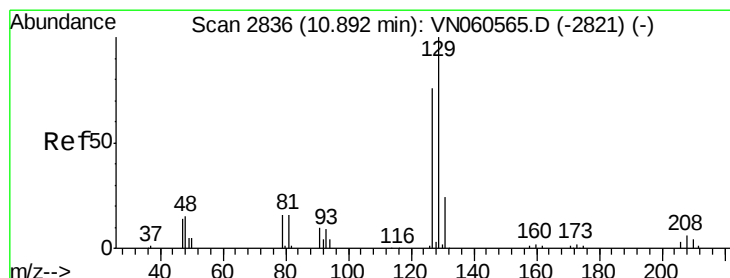
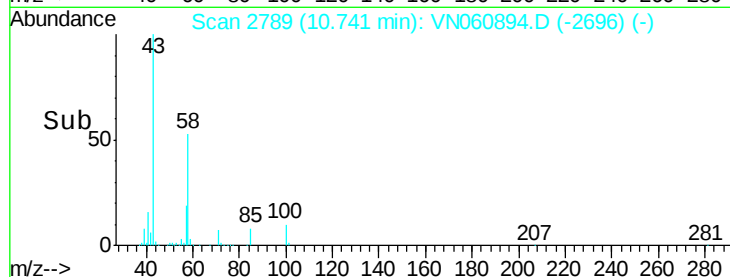
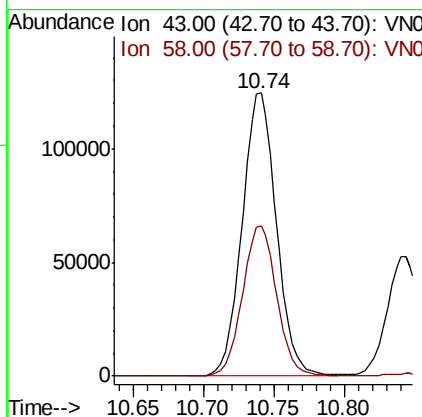
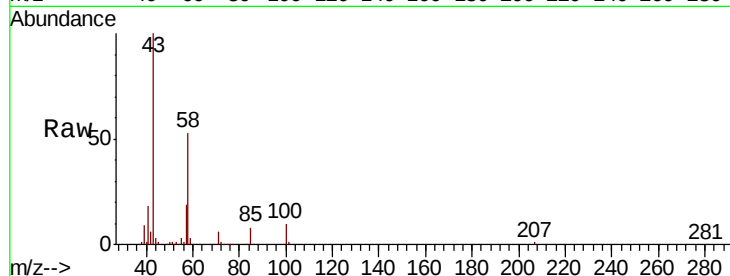




#59
2-Hexanone
Concen: 104.801 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

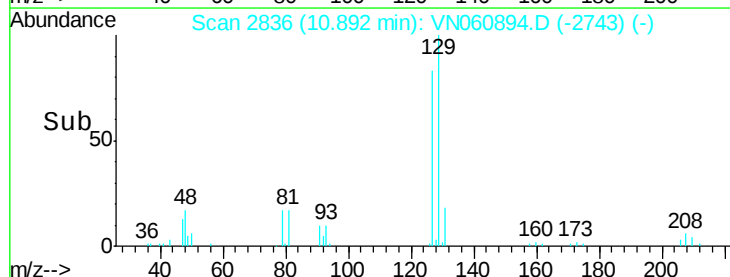
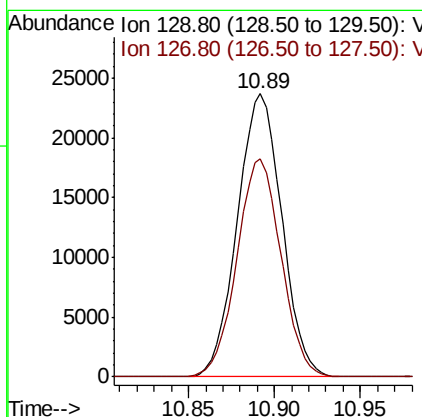
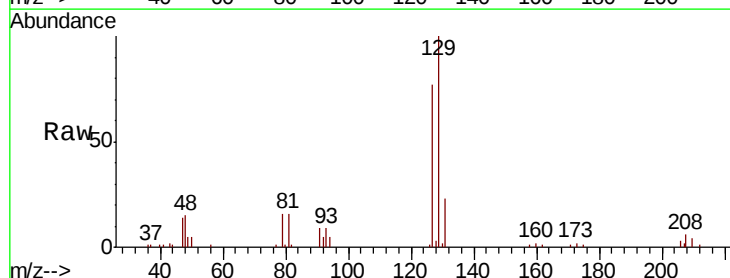
Instrument :
MSVOA_N
ClientSampleId :

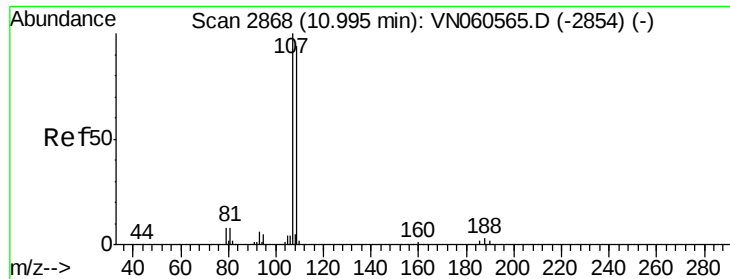
Tot Ion: 43 Resp: 212017
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 21.240 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 129 Resp: 42618
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

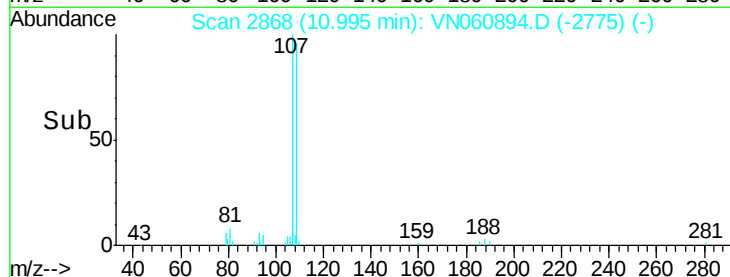
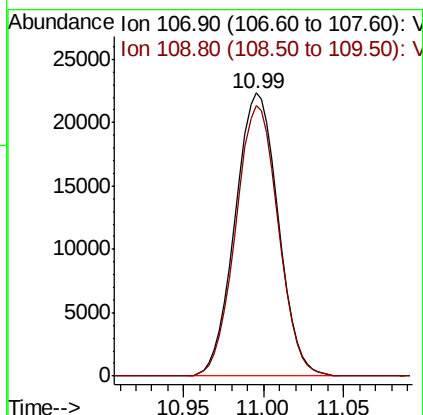
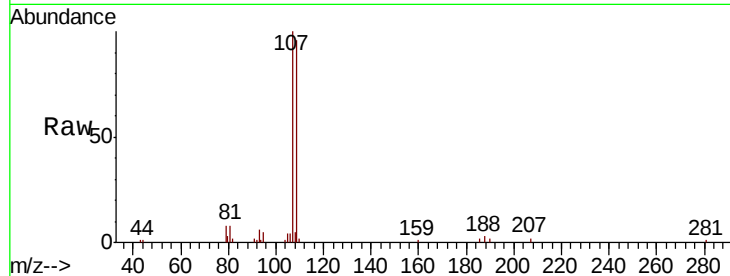




#61
 1,2-Dibromoethane
 Concen: 20.998 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

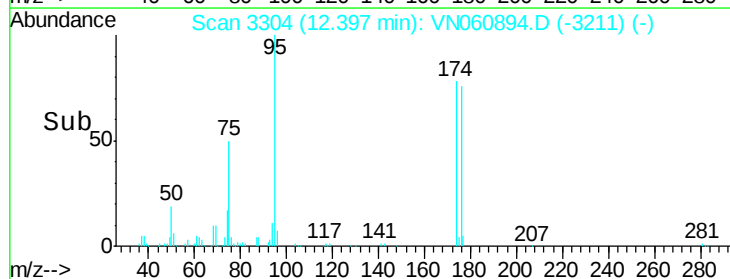
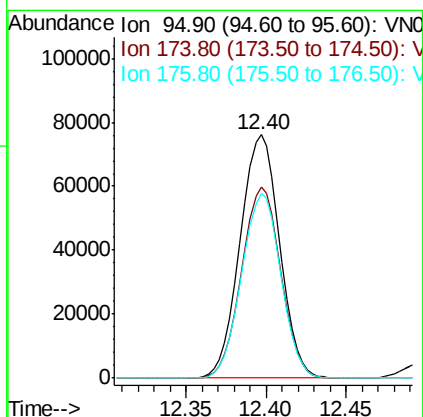
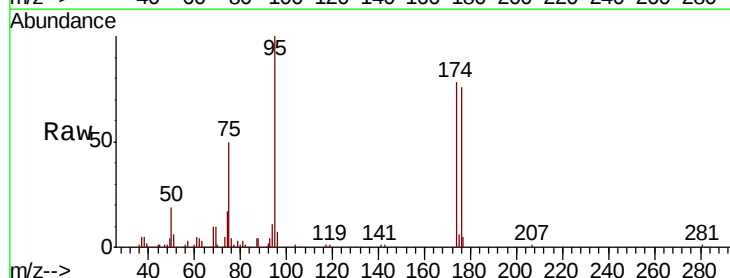
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 41016
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.376 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 95 Resp: 127832
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 157.6
 176 75.7 0.0 150.6

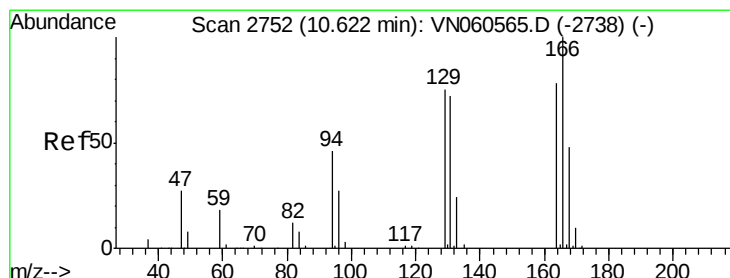
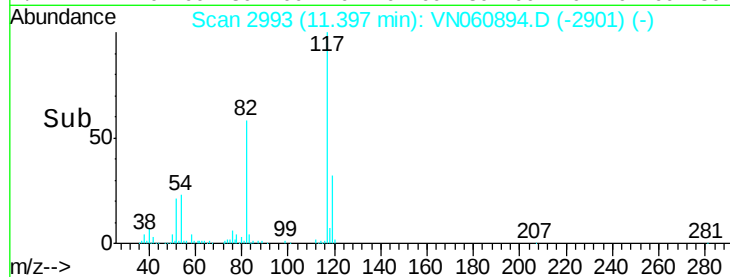
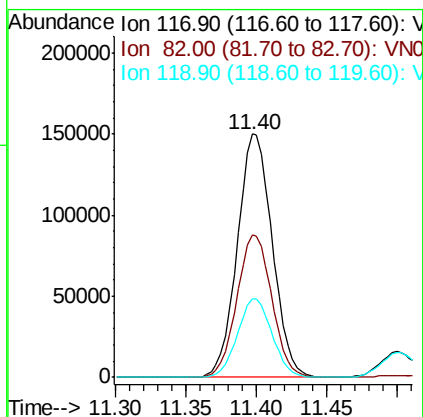
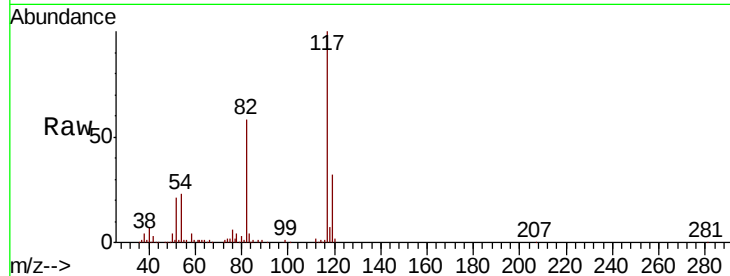




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

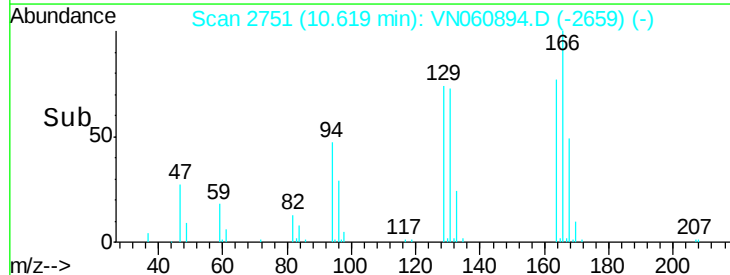
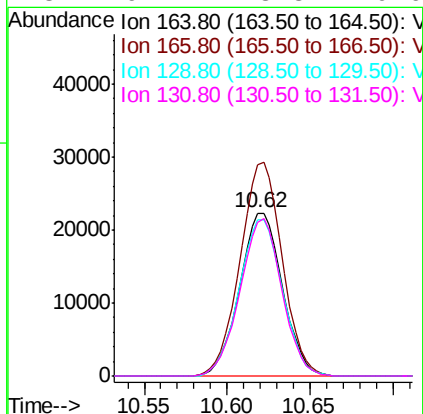
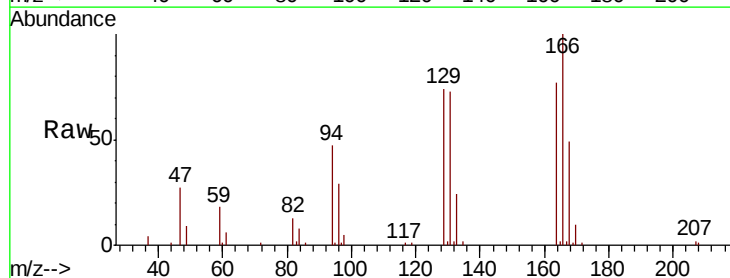
Instrument :
MSVOA_N
ClientSampleId :

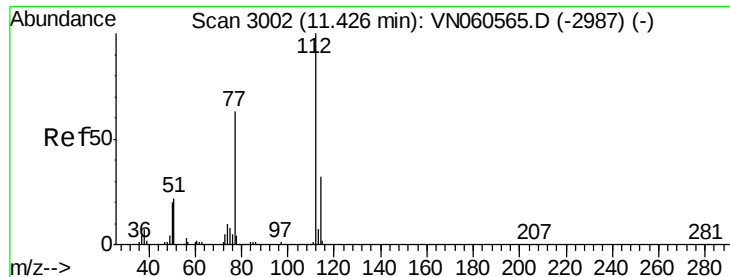
Tot Ion:117 Resp: 260424
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.560 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:164 Resp: 40085
Ion Ratio Lower Upper
164 100
166 129.2 102.7 154.1
129 95.3 77.2 115.8
131 94.2 73.8 110.6

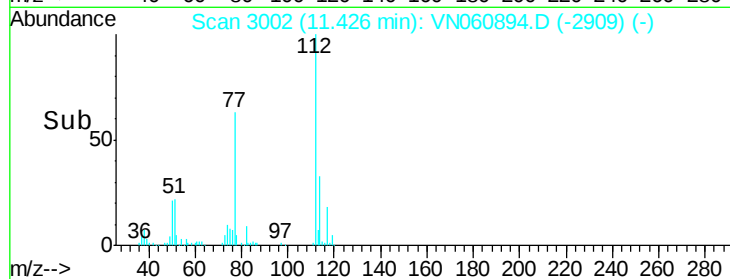
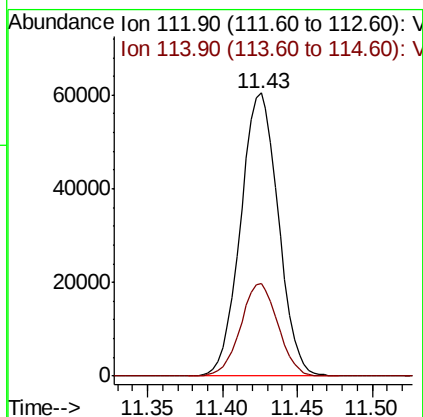
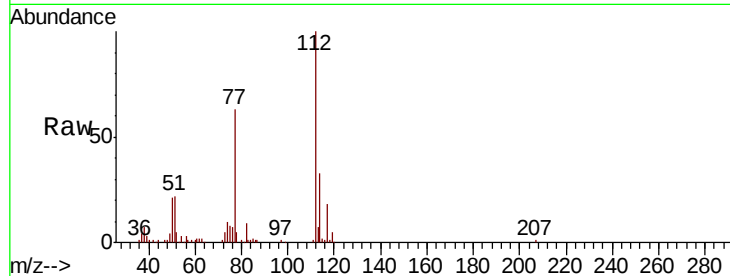




#65
Chlorobenzene
Concen: 20.558 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

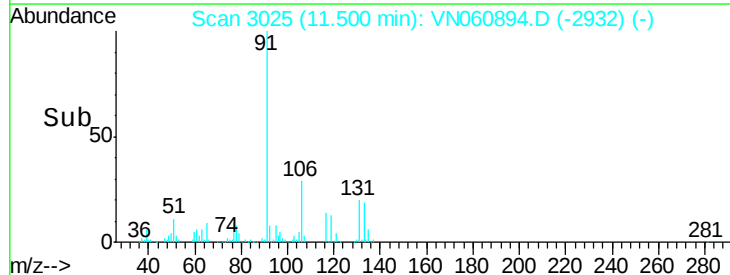
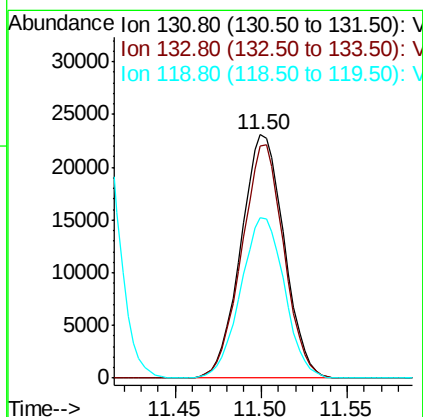
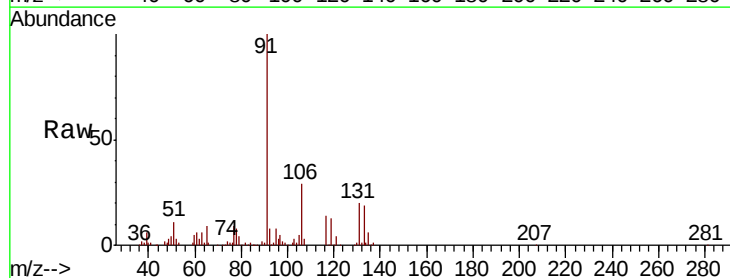
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 106134
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.526 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:131 Resp: 40236
Ion Ratio Lower Upper
131 100
133 93.4 48.9 146.8
119 66.6 33.9 101.7





#67

Ethyl Benzene

Concen: 20.793 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

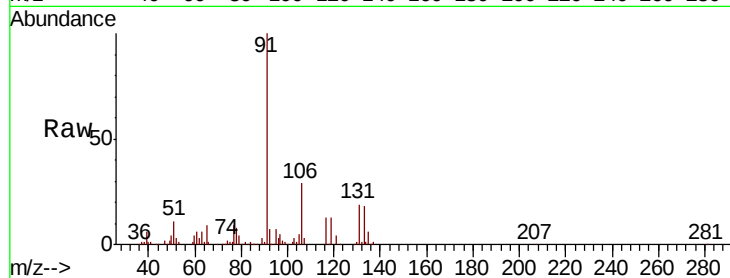
ClientSampleId :

Tot Ion: 91 Resp: 199632

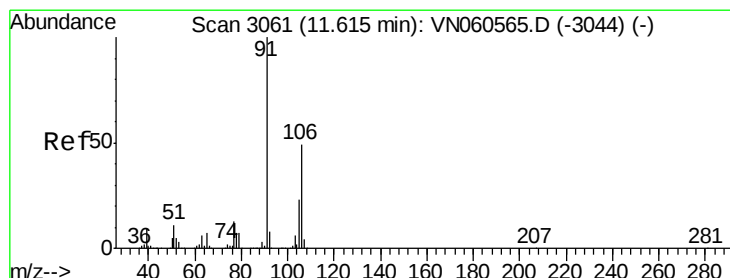
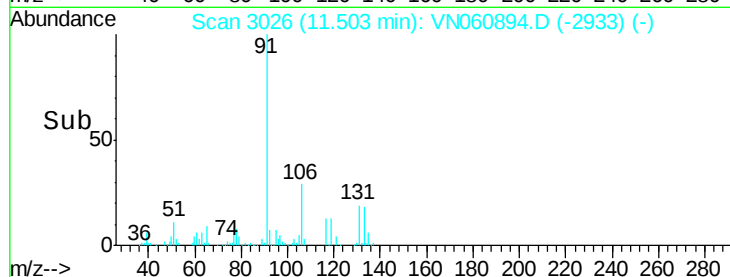
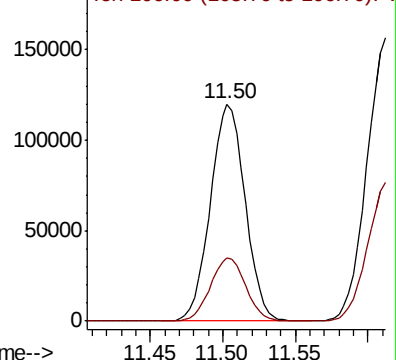
Ion Ratio Lower Upper

91 100

106 28.9 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060894.D (-2933) (-)



#68

m/p-Xylenes

Concen: 40.735 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060894.D

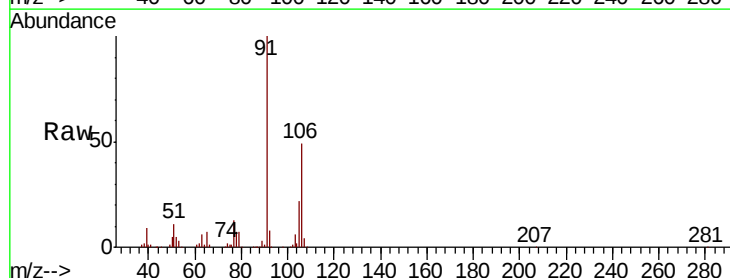
Acq: 8 Apr 2020 12:38

Tgt Ion: 106 Resp: 145328

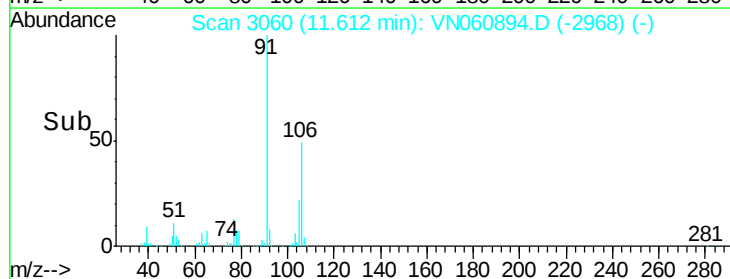
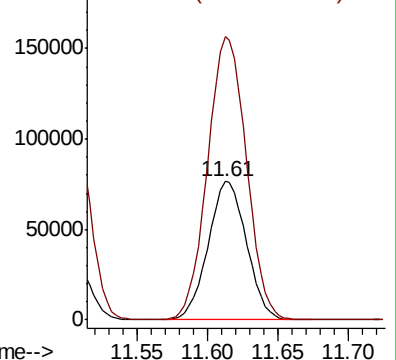
Ion Ratio Lower Upper

106 100

91 208.1 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060894.D (-2968) (-)

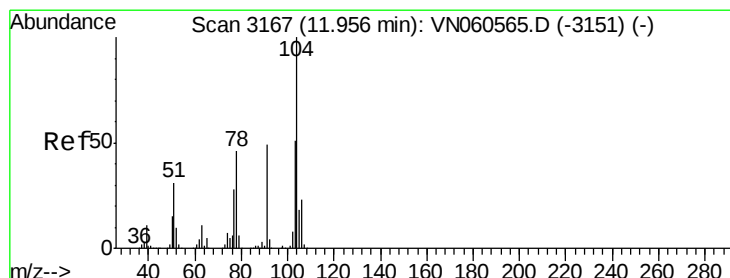
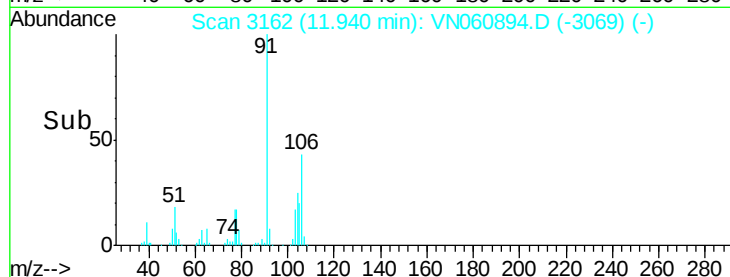
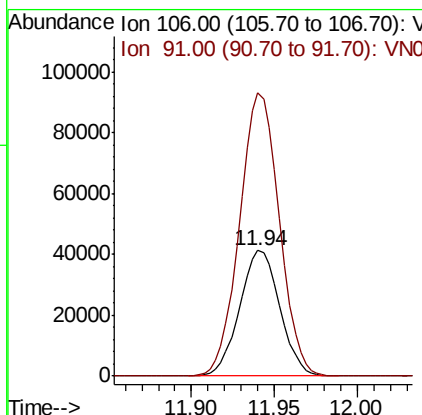
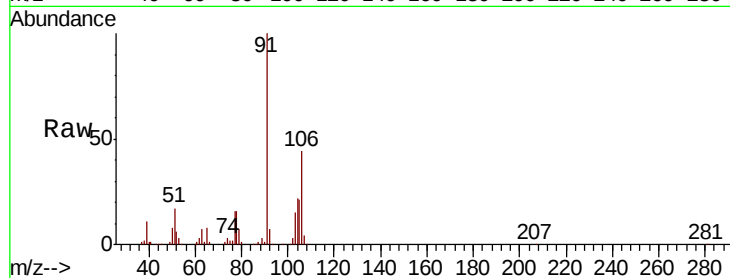




#69
o-Xylene
Concen: 20.414 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

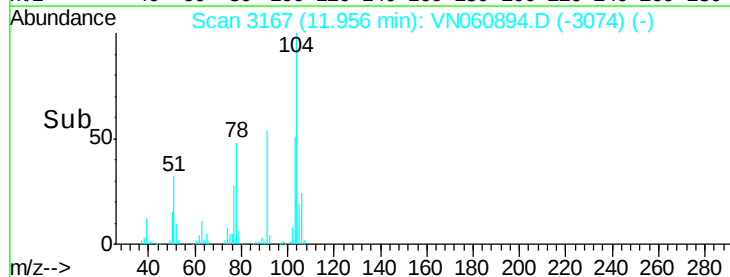
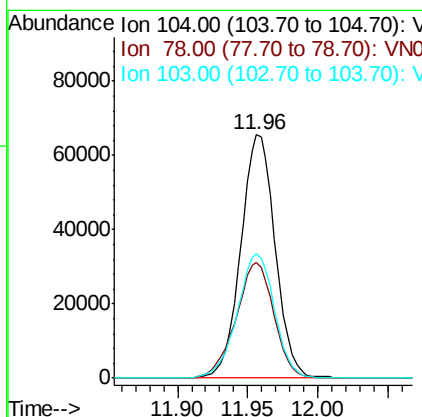
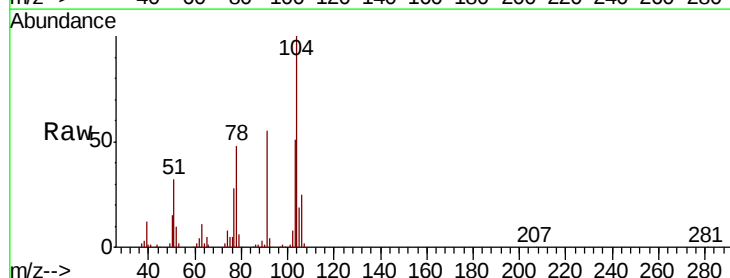
Instrument :
MSVOA_N
ClientSampled :

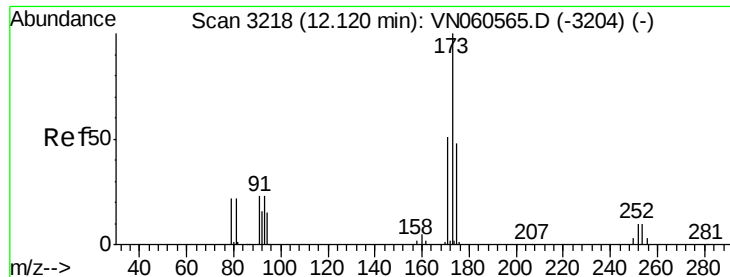
Tot Ion:106 Resp: 69527
Ion Ratio Lower Upper
106 100
91 222.9 109.5 328.4



#70
Styrene
Concen: 20.061 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:104 Resp: 111743
Ion Ratio Lower Upper
104 100
78 52.2 41.2 61.8
103 55.2 44.0 66.0

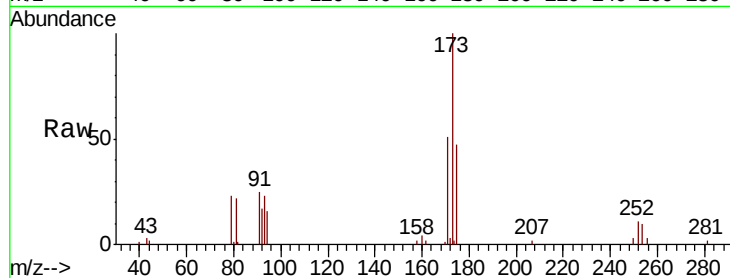




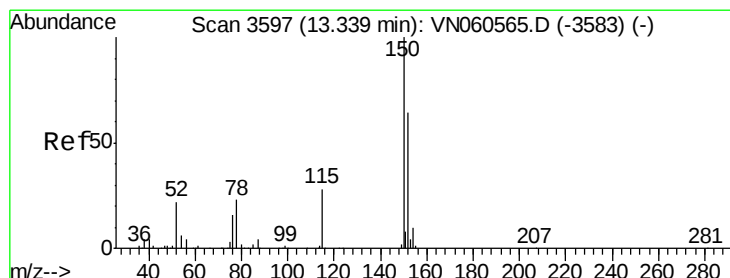
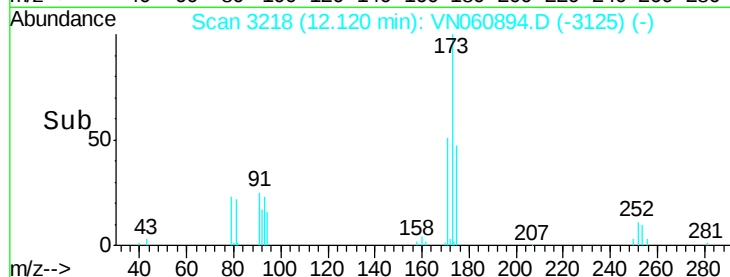
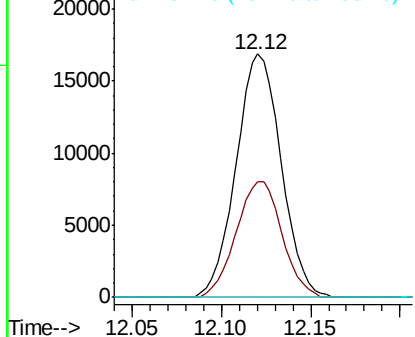
#71
Bromoform
Concen: 20.163 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 29712
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.0 0.0 0.0

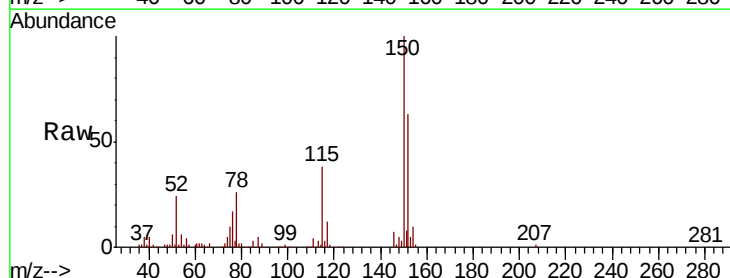


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

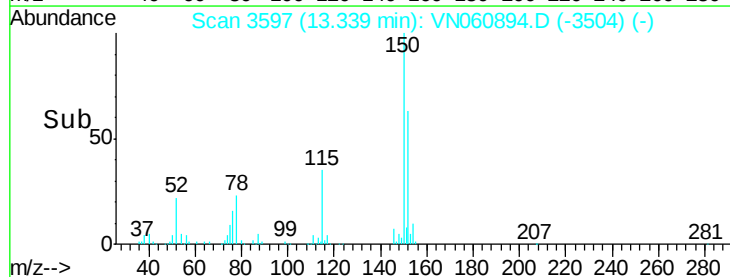
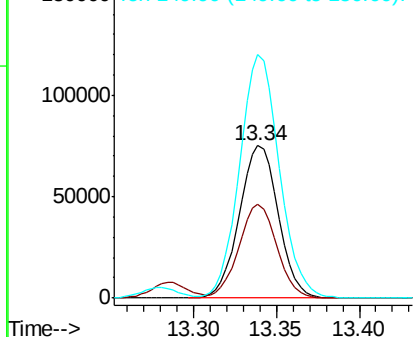


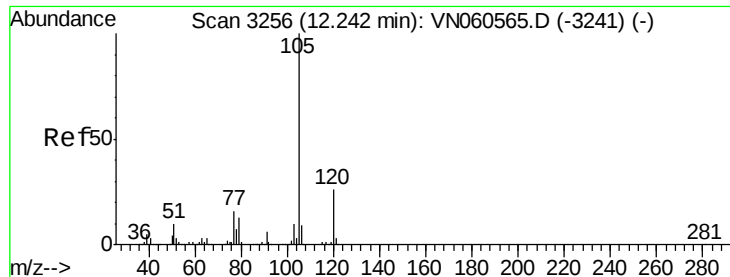
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:152 Resp: 122828
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 163.6 0.0 350.2



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: 20.270 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

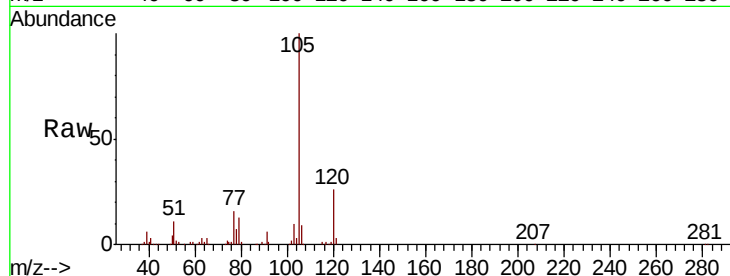
ClientSampleId :

Tot Ion:105 Resp: 186847

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

120000

100000

80000

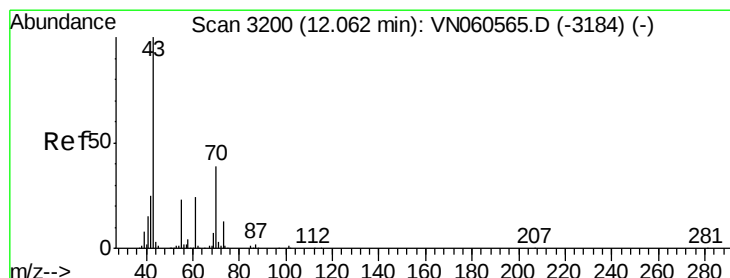
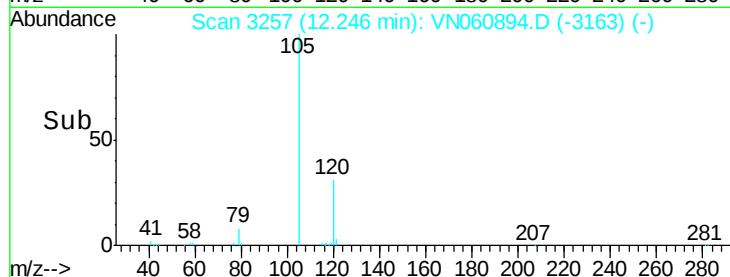
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.798 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion: 43 Resp: 84327

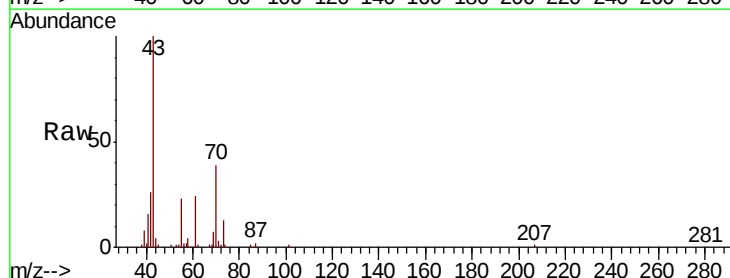
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 23.7 18.6 27.8

61 23.0 18.9 28.3



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

80000

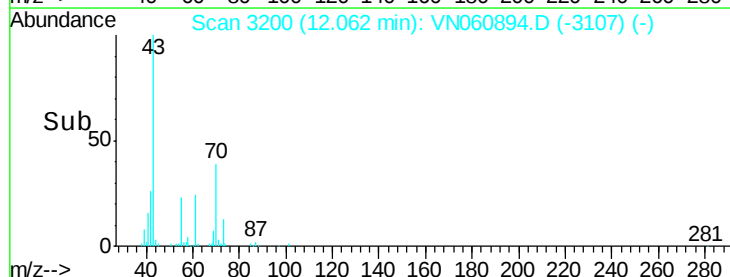
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.202 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

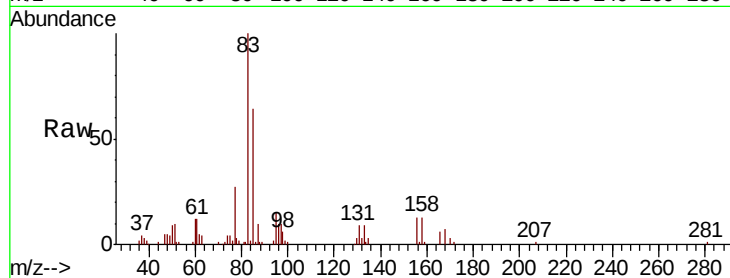
Tot Ion: 83 Resp: 59101

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.7

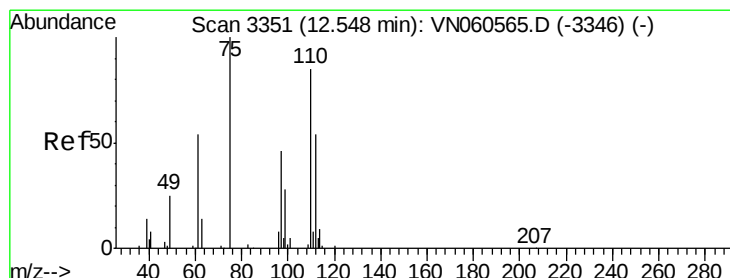
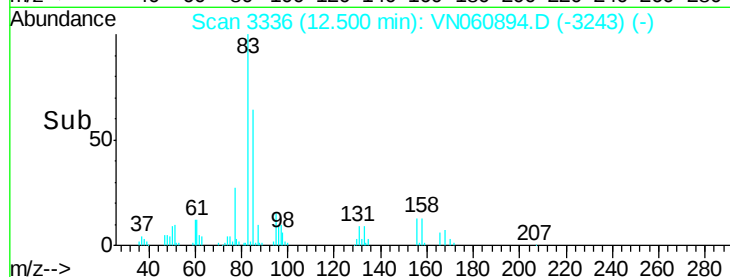
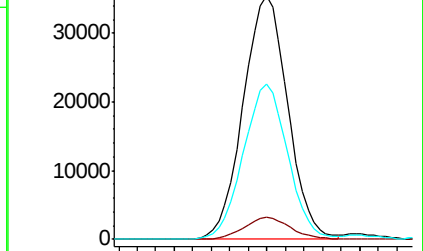
85 63.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060894.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060894.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060894.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 30.278 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060894.D

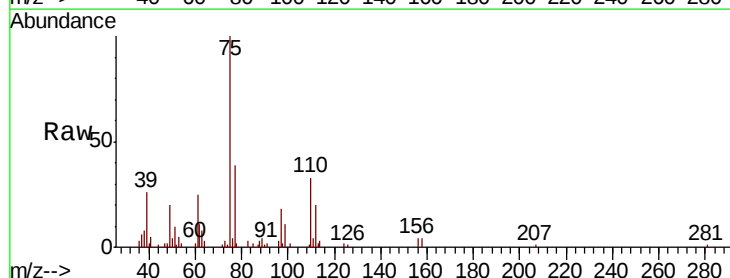
Acq: 8 Apr 2020 12:38

Tgt Ion: 75 Resp: 80247

Ion Ratio Lower Upper

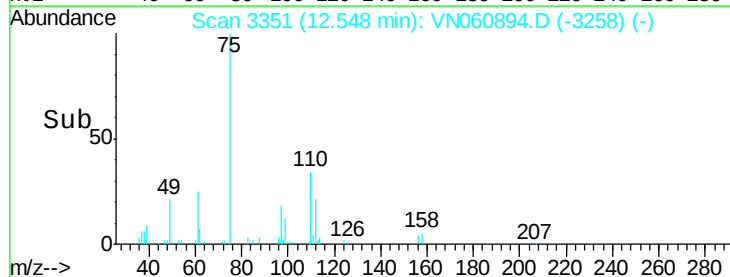
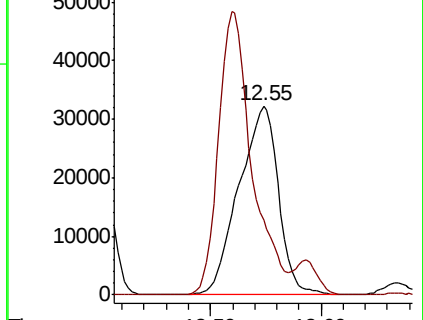
75 100

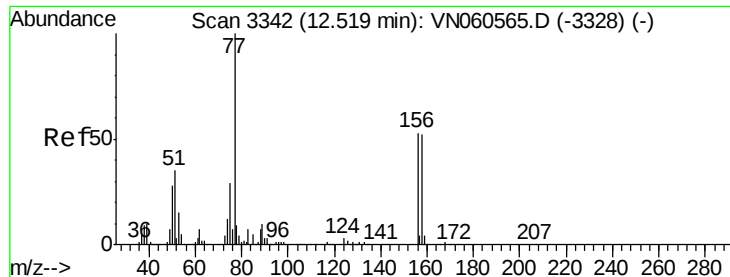
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060894.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060894.D (-3258) (-)





#77

Bromobenzene

Concen: 20.108 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampled :

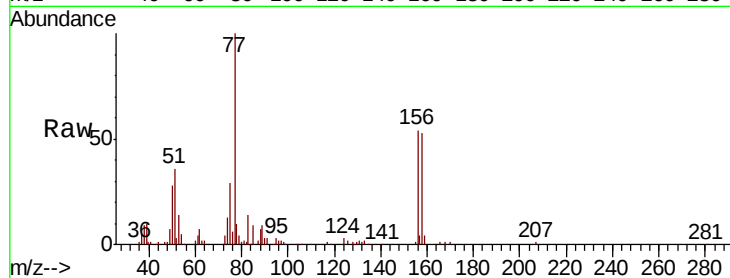
Tot Ion:156 Resp: 44662

Ion Ratio Lower Upper

156 100

77 226.6 112.3 337.0

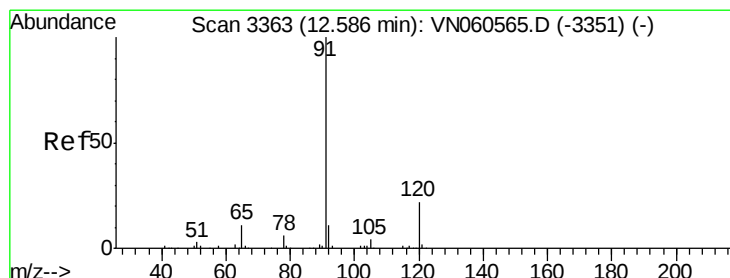
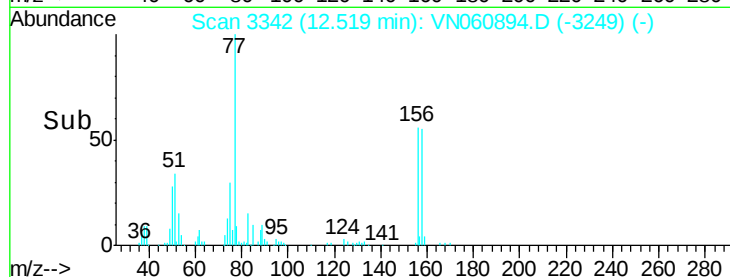
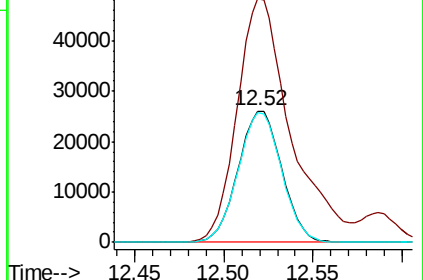
158 98.5 48.6 145.8



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: 20.326 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060894.D

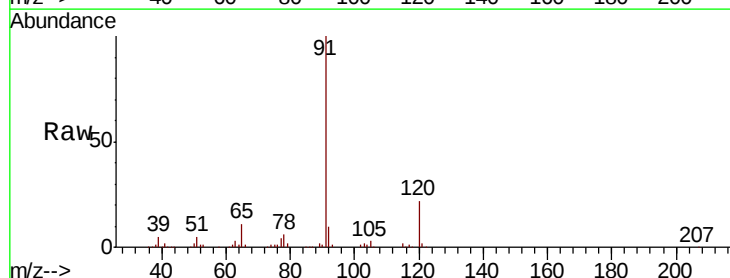
Acq: 8 Apr 2020 12:38

Tgt Ion: 91 Resp: 221353

Ion Ratio Lower Upper

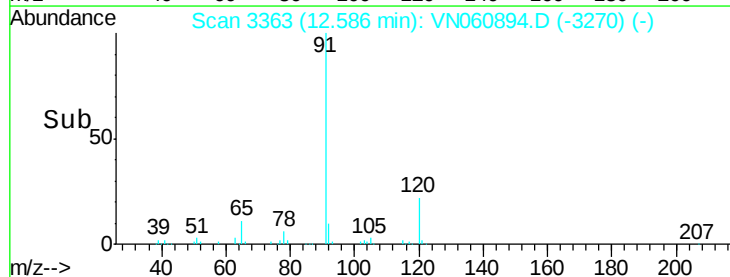
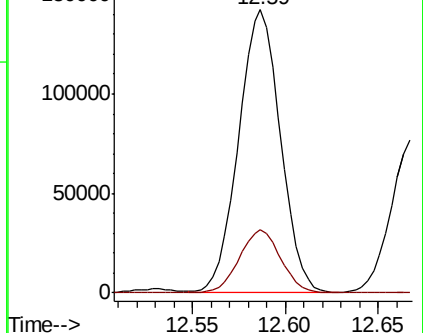
91 100

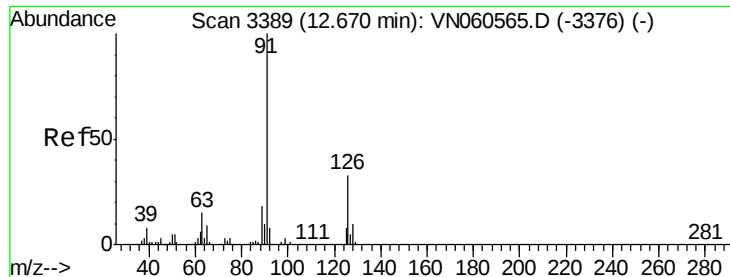
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.038 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

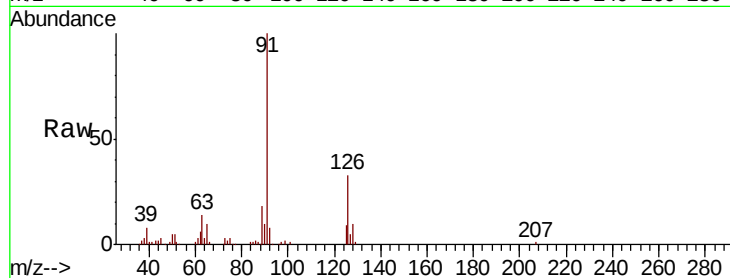
ClientSampleId :

Tot Ion: 91 Resp: 130386

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060894.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060894.D (-3296) (-)

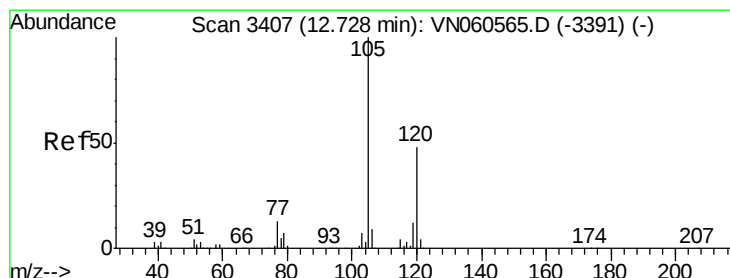
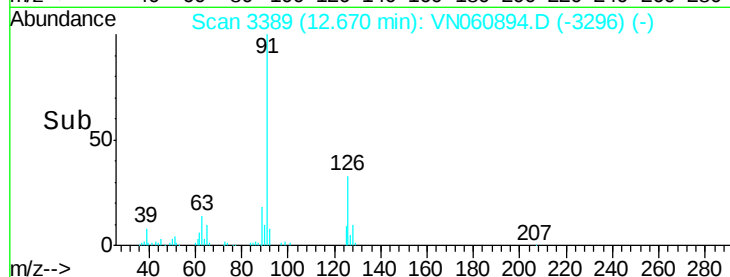
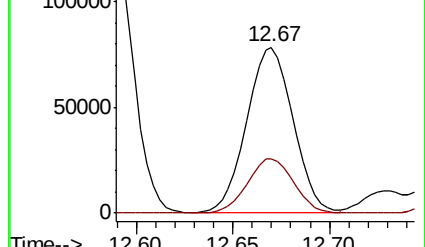
150000

100000

50000

0

12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 20.227 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060894.D

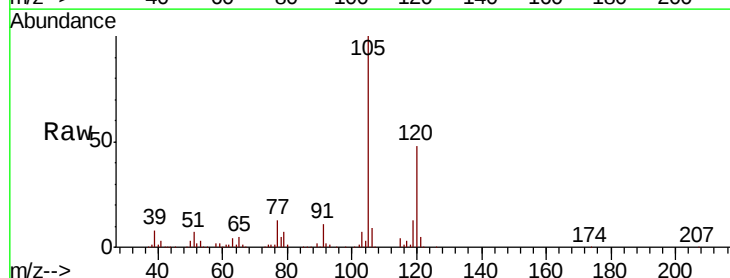
Acq: 8 Apr 2020 12:38

Tgt Ion:105 Resp: 158227

Ion Ratio Lower Upper

105 100

120 47.3 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060894.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060894.D (-3314) (-)

100000

80000

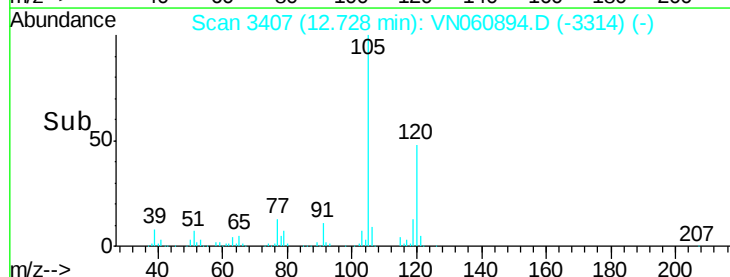
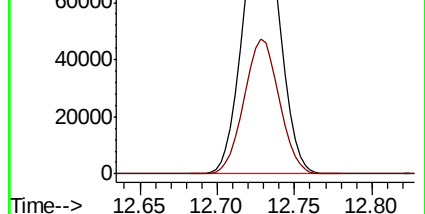
60000

40000

20000

0

12.65 12.70 12.75 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 19.936 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

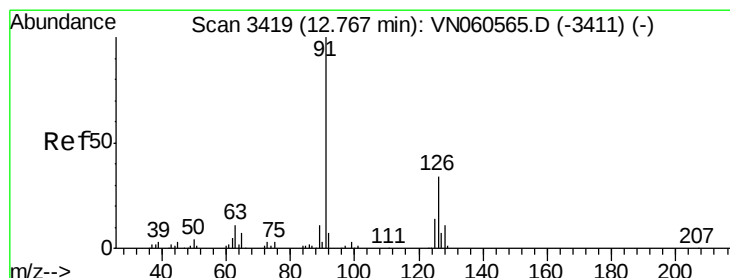
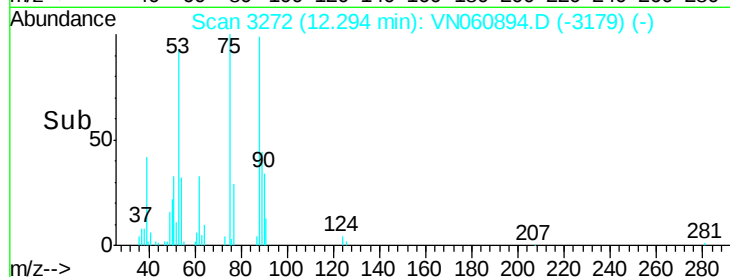
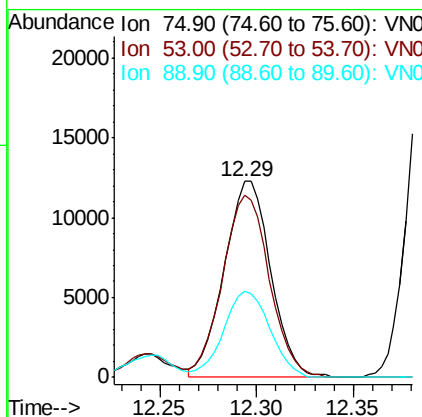
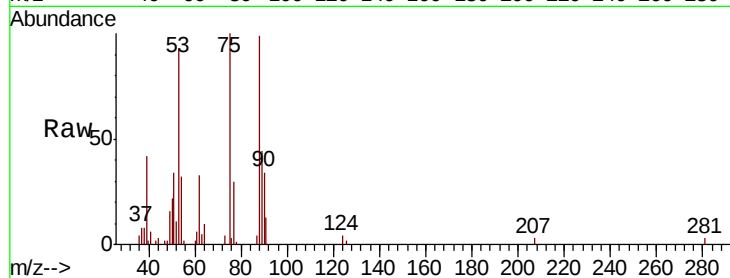
Tot Ion: 75 Resp: 20573

Ion Ratio Lower Upper

75 100

53 93.1 73.0 109.4

89 43.8 34.8 52.2



#82

4-Chlorotoluene

Concen: 20.330 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060894.D

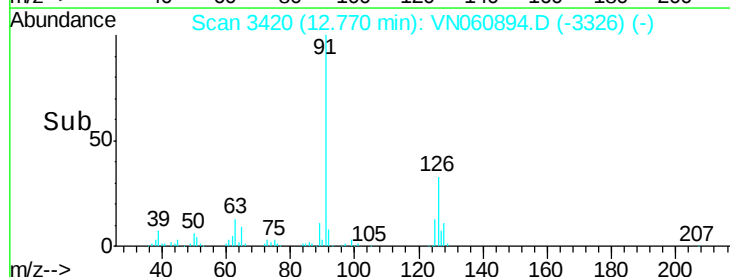
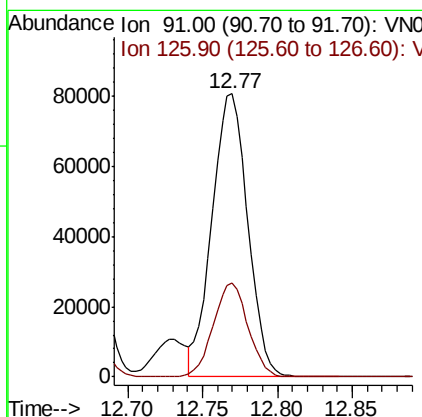
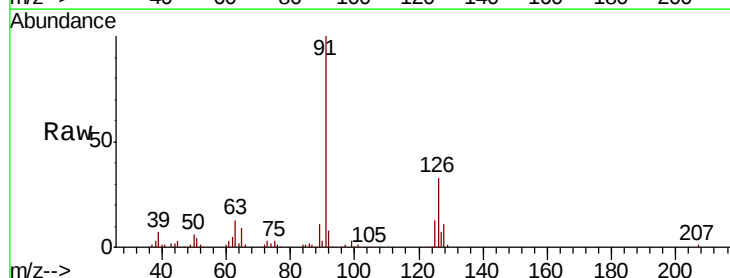
Acq: 8 Apr 2020 12:38

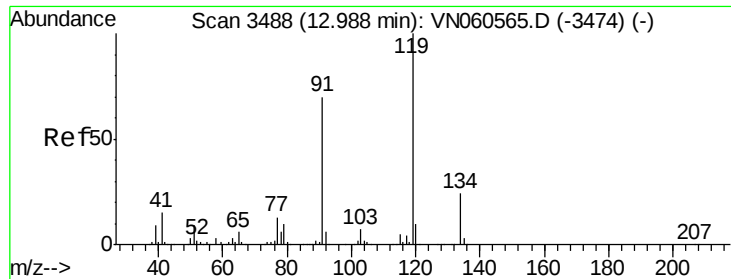
Tgt Ion: 91 Resp: 134730

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.5

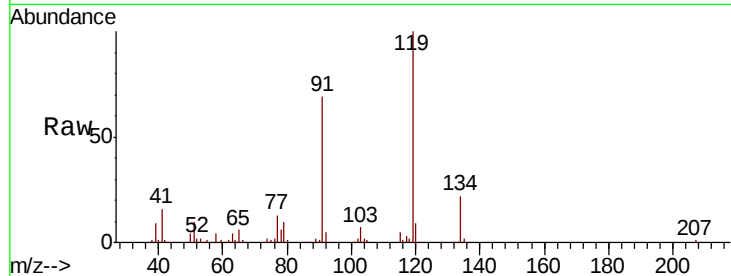




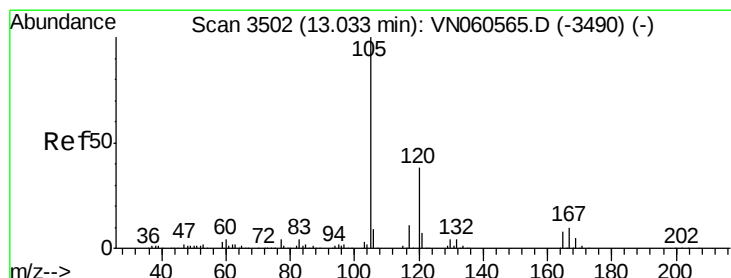
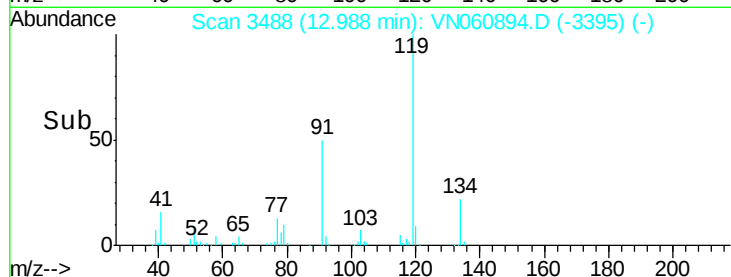
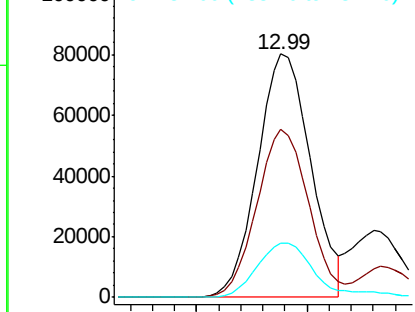
#83
tert-Butylbenzene
Concen: 20.621 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 133721
Ion Ratio Lower Upper
119 100
91 67.6 34.0 101.8
134 24.8 12.7 38.0

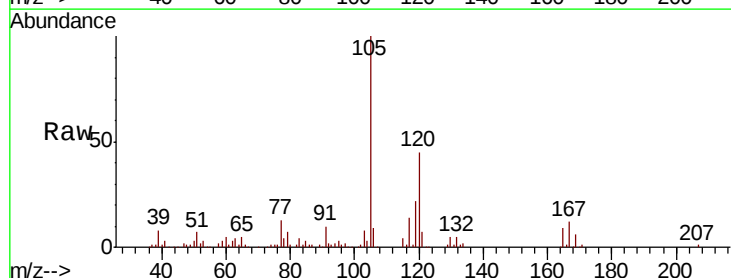


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

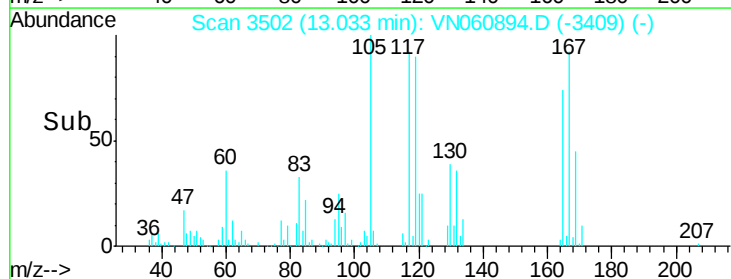
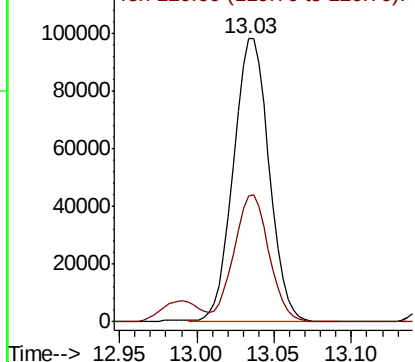


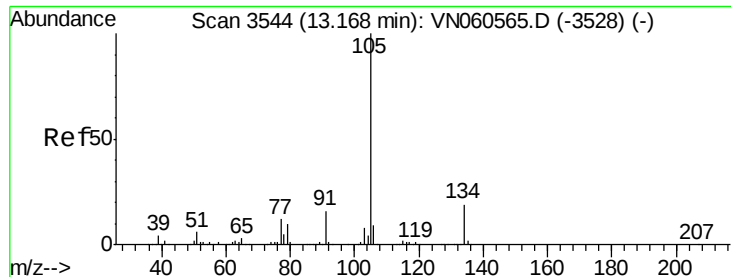
#84
1,2,4-Trimethylbenzene
Concen: 20.362 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion:105 Resp: 157581
Ion Ratio Lower Upper
105 100
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.866 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Instrument :

MSVOA_N

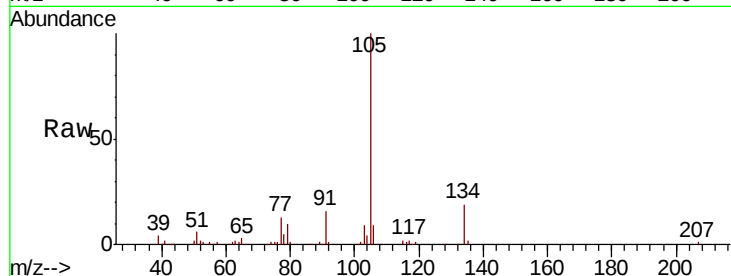
ClientSampleId :

Tot Ion:105 Resp: 181944

Ion Ratio Lower Upper

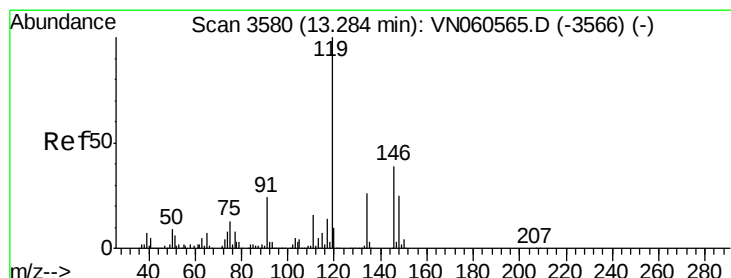
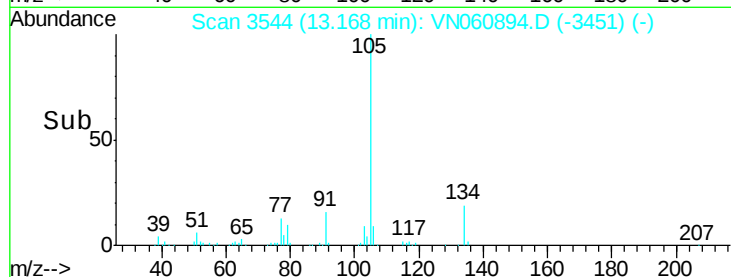
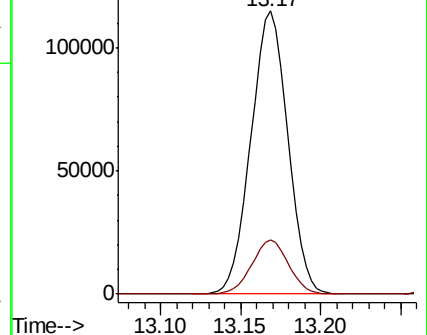
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.624 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

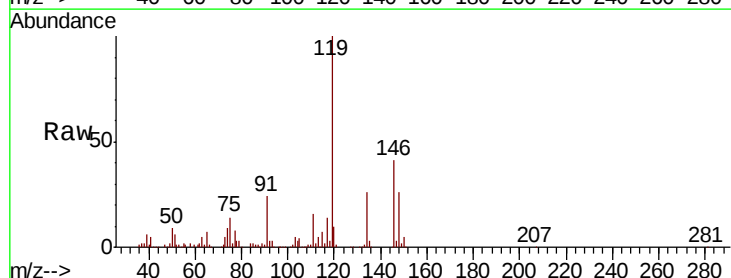
Tgt Ion:119 Resp: 161715

Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

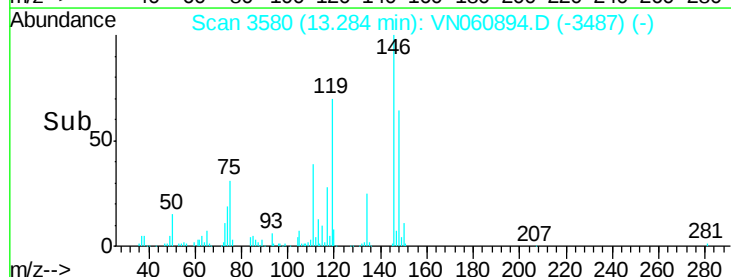
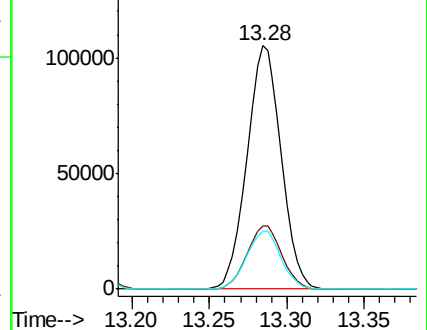
91 24.2 12.0 36.0

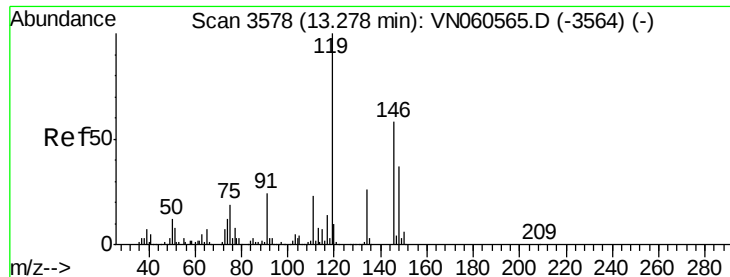


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.495 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

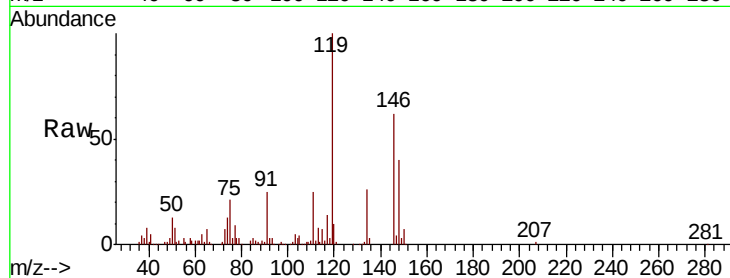
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:146 Resp: 80289

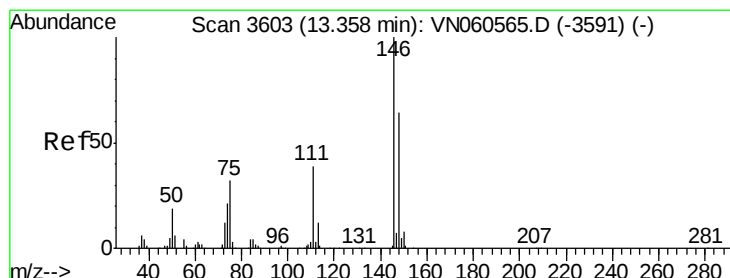
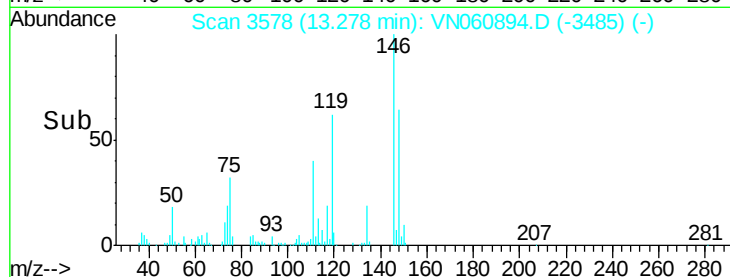
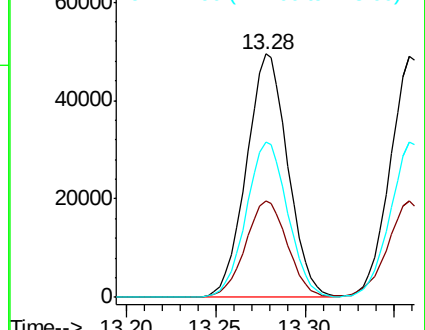
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	60.8
148	64.2	32.5	97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.235 ug/l

RT: 13.36 min Scan# 3603

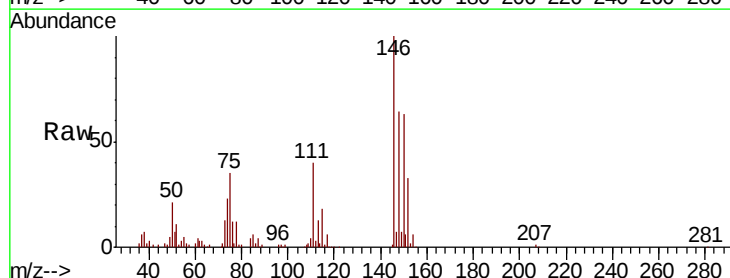
Delta R.T. -0.00 min

Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion:146 Resp: 79643

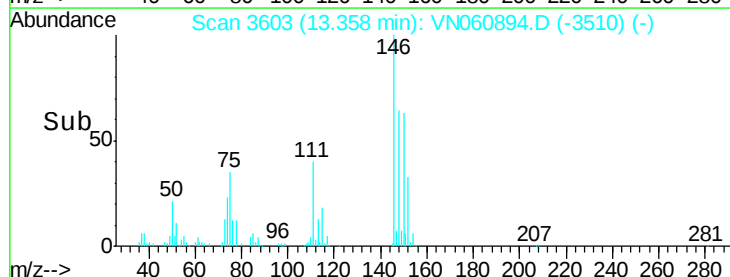
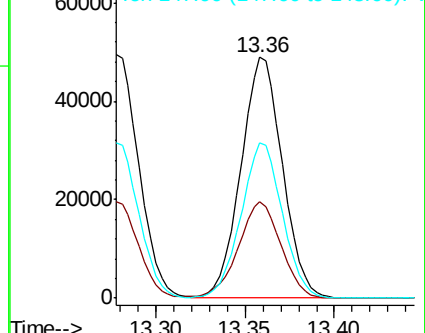
Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	64.1	32.1	96.3

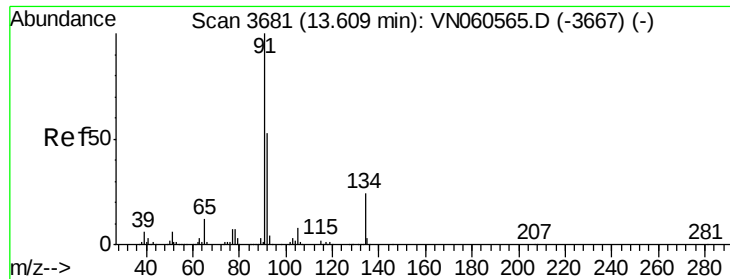


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

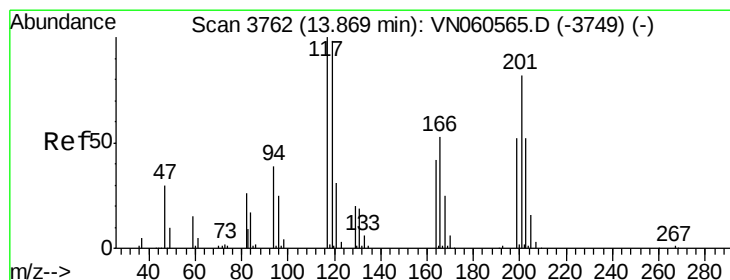
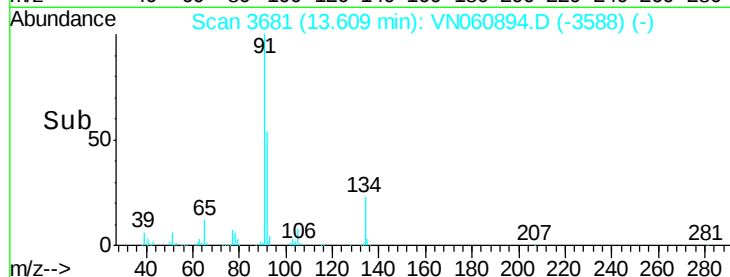
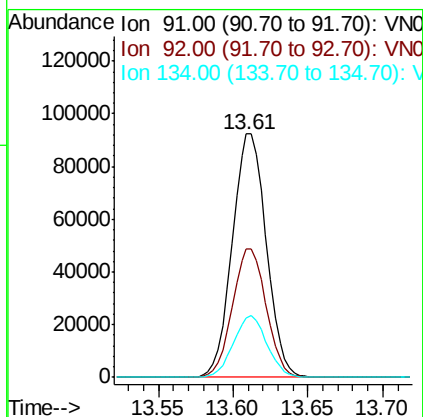
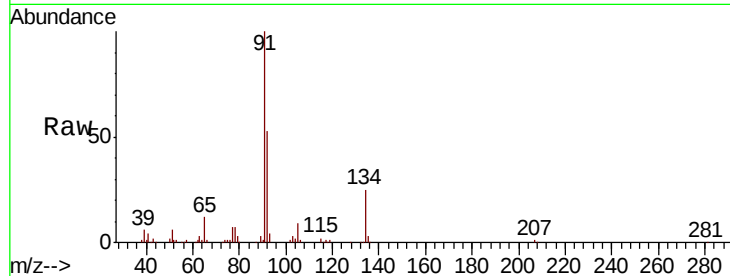




#89
n-Butylbenzene
Concen: 20.623 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

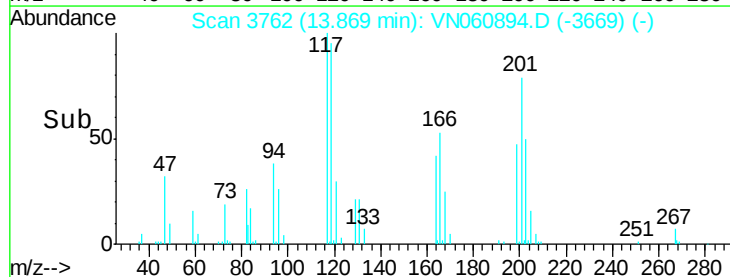
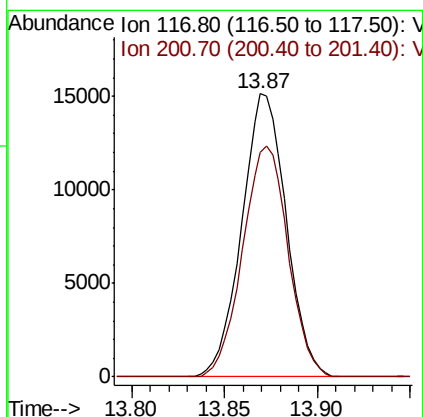
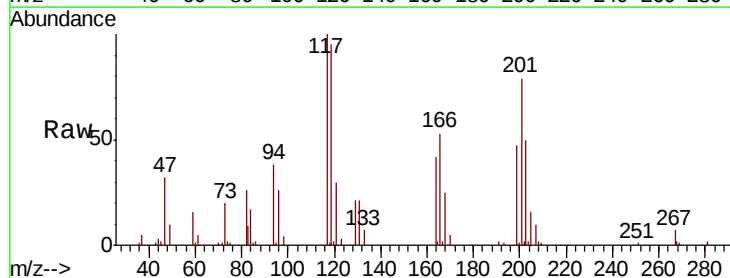
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 145999
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 24.9 12.3 36.9



#90
Hexachloroethane
Concen: 22.246 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion: 117 Resp: 25355
Ion Ratio Lower Upper
117 100
201 83.1 40.8 122.5

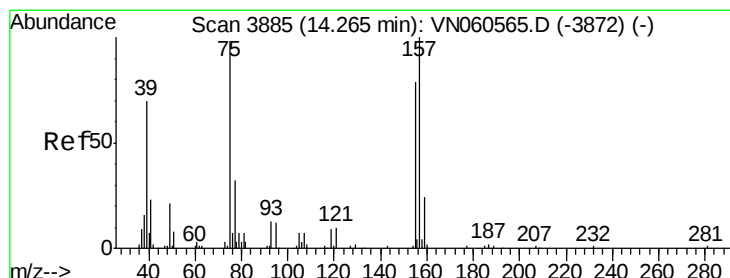
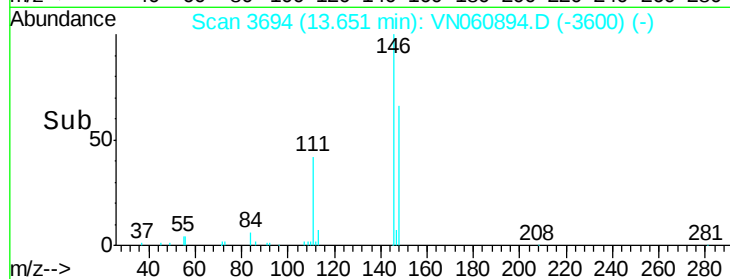
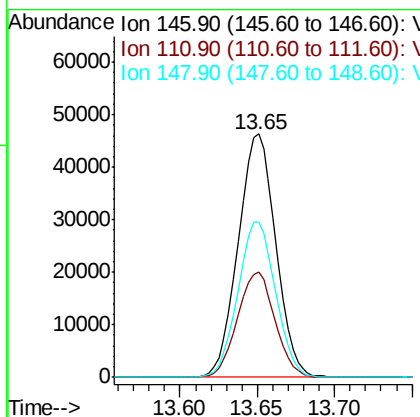
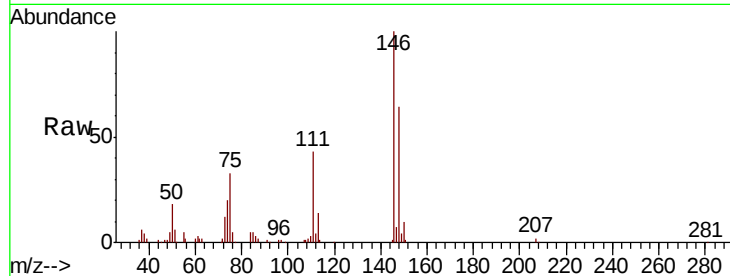




#91
 1,2-Dichlorobenzene
 Concen: 20.890 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

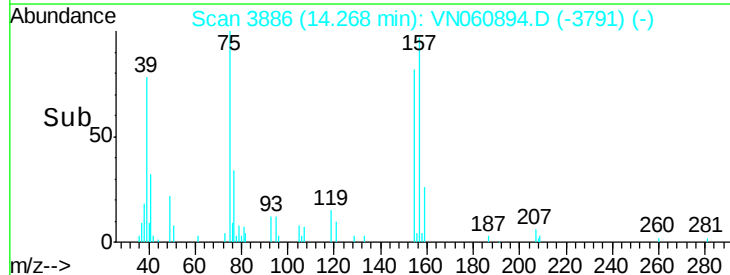
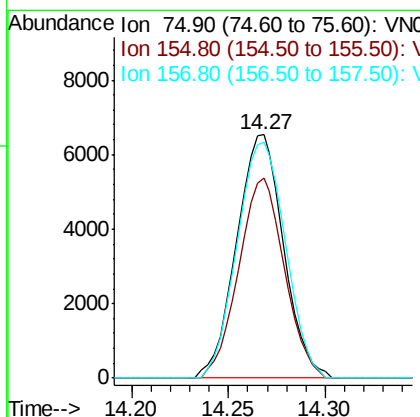
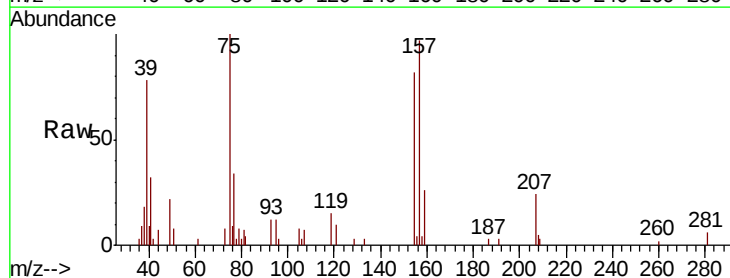
Instrument :
 MSVOA_N
 ClientSampled :

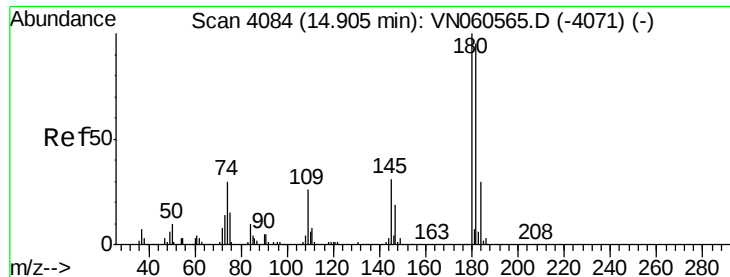
Tot Ion:146 Resp: 78252
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.0 63.0
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.746 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060894.D
 Acq: 8 Apr 2020 12:38

Tgt Ion: 75 Resp: 11043
 Ion Ratio Lower Upper
 75 100
 155 80.0 40.7 122.1
 157 99.6 51.5 154.7





#93

1,2,4-Trichlorobenzene

Concen: 20.438 ug/l

RT: 14.90 min Scan# 4084

Delta R.T. -0.00 min

Lab File: VN060894.D

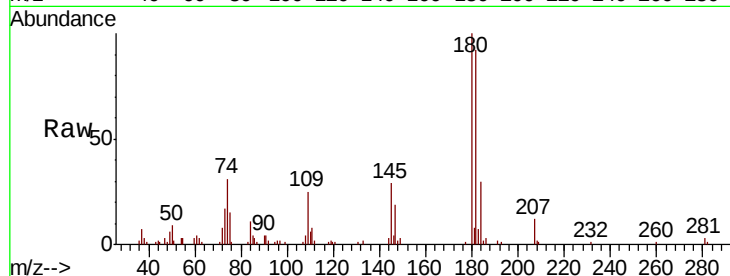
Acq: 8 Apr 2020 12:38

Instrument :

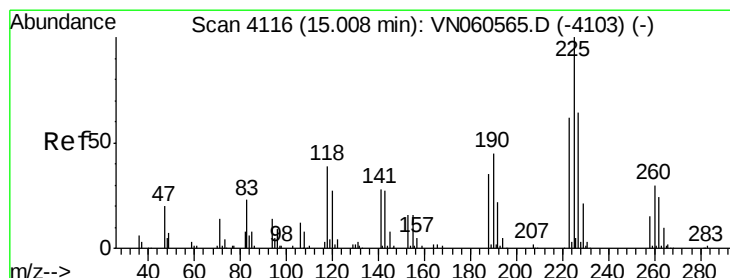
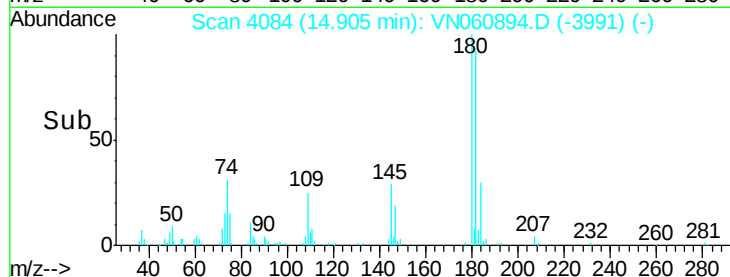
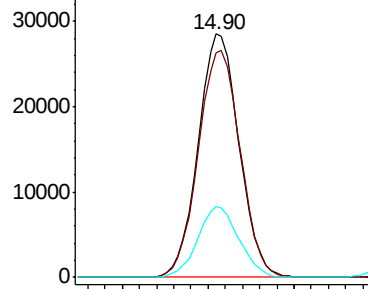
MSVOA_N

ClientSampleId :

Tot Ion:	180	Resp:	47013
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.8
145	29.3	15.4	46.2



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: 22.504 ug/l

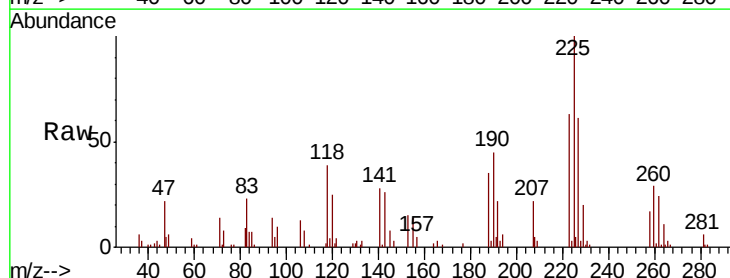
RT: 15.01 min Scan# 4116

Delta R.T. -0.00 min

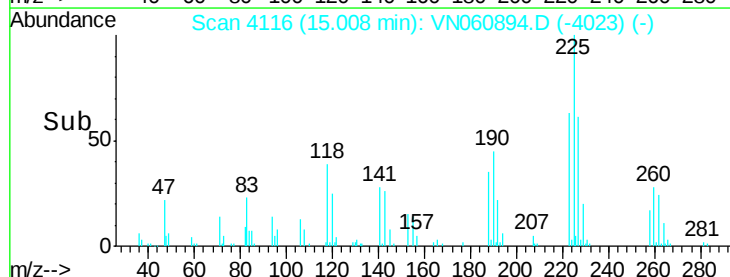
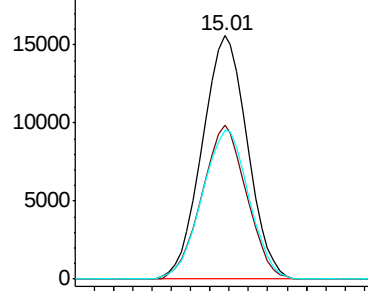
Lab File: VN060894.D

Acq: 8 Apr 2020 12:38

Tgt Ion:	225	Resp:	25377
Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.6	95.0
227	63.4	32.3	96.8



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

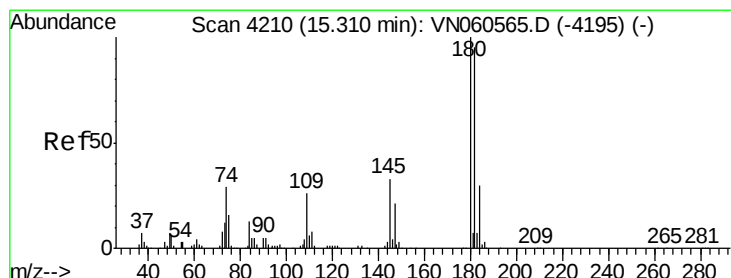
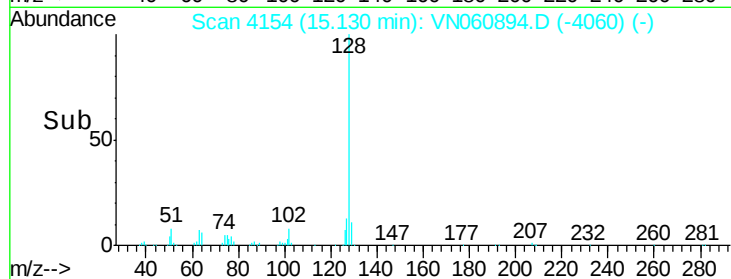
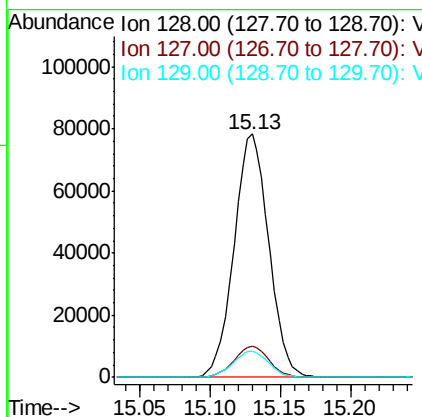
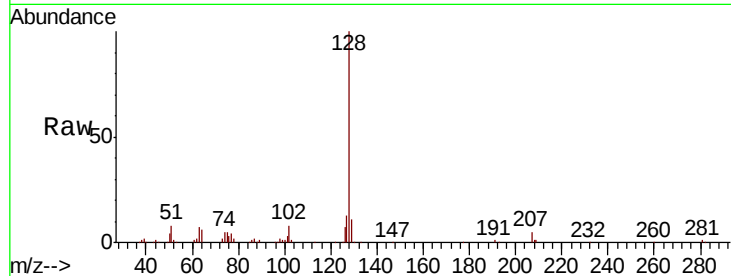




#95
Naphthalene
Concen: 19.531 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.0	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 21.023 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060894.D
Acq: 8 Apr 2020 12:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.5	142.6
145	31.9	16.3	48.8

