

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060871.D
 Acq On : 7 Apr 2020 12:40
 Operator : JC/MD
 Sample : VN0407WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

Quant Time: Apr 08 02:42:52 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	197636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	319794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136462	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	125330	46.19	ug/l	0.00
Spiked Amount			Recovery	=	92.38%	
35) Dibromofluoromethane	7.56	113	95114	49.19	ug/l	0.00
Spiked Amount			Recovery	=	98.38%	
50) Toluene-d8	10.08	98	377088	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.40	95	136507	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32507	16.999	ug/l	98
3) Chloromethane	2.04	50	55640	15.579	ug/l	100
4) Vinyl Chloride	2.17	62	45279	16.209	ug/l	97
5) Bromomethane	2.55	94	24073	19.962	ug/l	99
6) Chloroethane	2.69	64	29260	18.183	ug/l	99
7) Trichlorofluoromethane	3.00	101	62979	18.301	ug/l	97
8) Diethyl Ether	3.38	74	25781	18.649	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	37749	18.931	ug/l	99
10) Methyl Iodide	3.93	142	30067	16.946	ug/l	98
11) Tert butyl alcohol	4.72	59	31498	78.940	ug/l #	88
12) 1,1-Dichloroethene	3.72	96	38225	17.864	ug/l	99
13) Acrolein	3.57	56	30533	69.045	ug/l	98
14) Allyl chloride	4.29	41	68334	18.157	ug/l	98
15) Acrylonitrile	4.94	53	104360	88.944	ug/l	99
16) Acetone	3.78	43	90108	93.762	ug/l	99
17) Carbon Disulfide	4.03	76	106466	16.360	ug/l	99
18) Methyl Acetate	4.29	43	50366	18.619	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	134327	18.259	ug/l	97
20) Methylene Chloride	4.52	84	44126	18.665	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	40214	17.634	ug/l	96
22) Diisopropyl ether	5.91	45	154832	19.473	ug/l	97
23) Vinyl Acetate	5.86	43	611994	94.337	ug/l	100
24) 1,1-Dichloroethane	5.82	63	82453	19.023	ug/l	99
25) 2-Butanone	6.80	43	135838	87.349	ug/l	99
26) 2,2-Dichloropropane	6.79	77	69932	20.506	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	47933	18.496	ug/l	99
28) Bromochloromethane	7.17	49	38114	18.379	ug/l	100
29) Tetrahydrofuran	7.18	42	93464	84.944	ug/l	98
30) Chloroform	7.34	83	78254	18.833	ug/l	100
31) Cyclohexane	7.63	56	78221	17.901	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	66745	18.633	ug/l	99
36) 1,1-Dichloropropene	7.77	75	59791	19.309	ug/l	100
37) Ethyl Acetate	6.89	43	60063	17.951	ug/l	99
38) Carbon Tetrachloride	7.75	117	51273	18.475	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	71457	19.418	ug/l	99
40) Benzene	8.02	78	179485	19.201	ug/l	98
41) Methacrylonitrile	7.17	41	86174	60.348	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	62182	19.464	ug/l	99
43) Isopropyl Acetate	8.14	43	101520	18.398	ug/l	100
44) Trichloroethene	8.81	130	45159	19.164	ug/l	99
45) 1,2-Dichloropropane	9.10	63	50072	20.300	ug/l	96
46) Dibromomethane	9.19	93	28934	19.403	ug/l	99
47) Bromodichloromethane	9.38	83	60089	19.391	ug/l	100
48) Methyl methacrylate	9.18	41	44151	17.971	ug/l	98
49) 1,4-Dioxane	9.18	88	11079	379.390	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	288475	91.870	ug/l	99
52) Toluene	10.14	92	107761	19.088	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	69935	19.648	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	76142	19.499	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	41847	19.268	ug/l	98
56) Ethyl methacrylate	10.42	69	62460	18.444	ug/l	98
57) 1,3-Dichloropropane	10.70	76	73561	19.518	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	138541	82.312	ug/l	100
59) 2-Hexanone	10.74	43	199191	88.062	ug/l	100
60) Dibromochloromethane	10.89	129	42986	19.161	ug/l	99
61) 1,2-Dibromoethane	10.99	107	41555	19.027	ug/l	100
64) Tetrachloroethene	10.62	164	42464	18.401	ug/l	98
65) Chlorobenzene	11.43	112	110192	18.955	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	40392	19.190	ug/l	99
67) Ethyl Benzene	11.50	91	206993	19.146	ug/l	98
68) m/p-Xylenes	11.61	106	154344	38.419	ug/l	99
69) o-Xylene	11.94	106	72664	18.947	ug/l	99
70) Styrene	11.96	104	115528	18.419	ug/l	99
71) Bromoform	12.12	173	29772	18.127	ug/l #	100
73) Isopropylbenzene	12.24	105	196679	19.205	ug/l	99
74) N-amyl acetate	12.06	43	84147	17.782	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	57542	18.580	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	76879	26.109	ug/l #	100
77) Bromobenzene	12.52	156	46214	18.728	ug/l	99
78) n-propylbenzene	12.59	91	232727	19.235	ug/l	99
79) 2-Chlorotoluene	12.67	91	135172	18.698	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	165673	19.063	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19784	17.256	ug/l	98
82) 4-Chlorotoluene	12.77	91	138508	18.812	ug/l	100
83) tert-Butylbenzene	12.99	119	141986	19.708	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	163817	19.053	ug/l	99
85) sec-Butylbenzene	13.17	105	189809	19.593	ug/l	99
86) p-Isopropyltoluene	13.28	119	171306	19.664	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	84252	19.358	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	82293	18.820	ug/l	99
89) n-Butylbenzene	13.61	91	155919	19.824	ug/l	99
90) Hexachloroethane	13.87	117	26336	20.798	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	79514	19.106	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	10693	16.304	ug/l	94

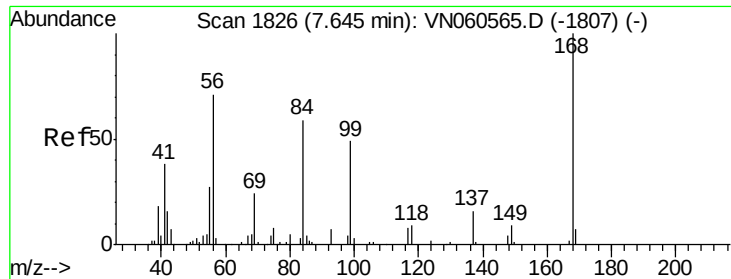
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	47554	18.607	ug/l	99
94) Hexachlorobutadiene	15.01	225	26098	20.831	ug/l	98
95) Naphthalene	15.13	128	127652	16.607	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	46670	18.540	ug/l	97

(#) = 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: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

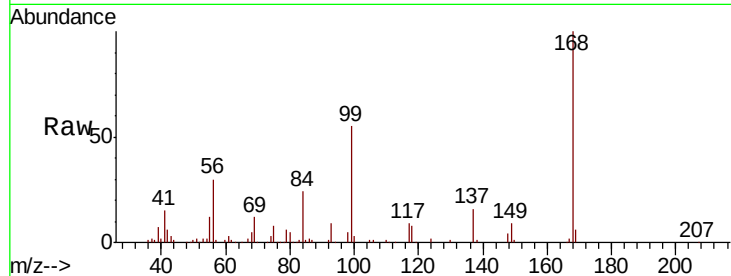
VN0407WBS01

Tot Ion:168 Resp: 197636

Ion Ratio Lower Upper

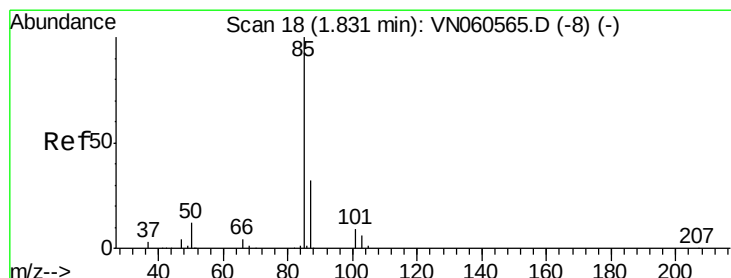
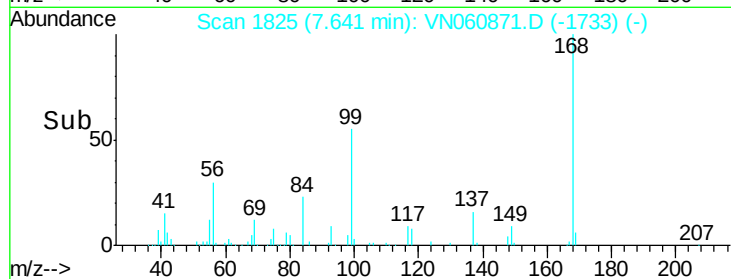
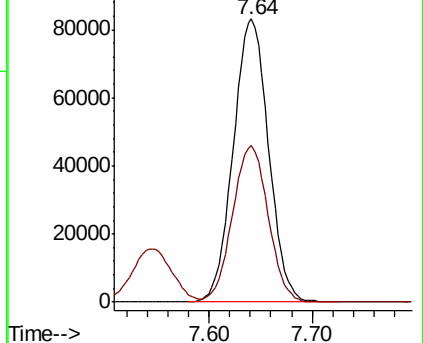
168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 16.999 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060871.D

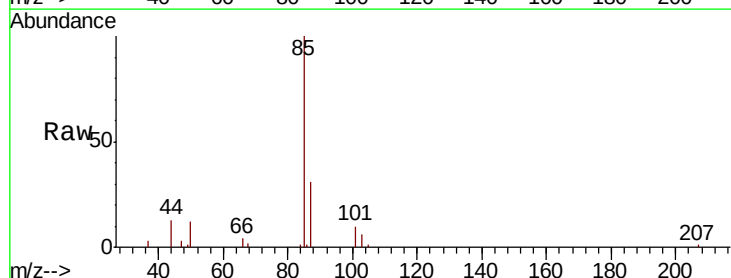
Acq: 7 Apr 2020 12:40

Tgt Ion: 85 Resp: 32507

Ion Ratio Lower Upper

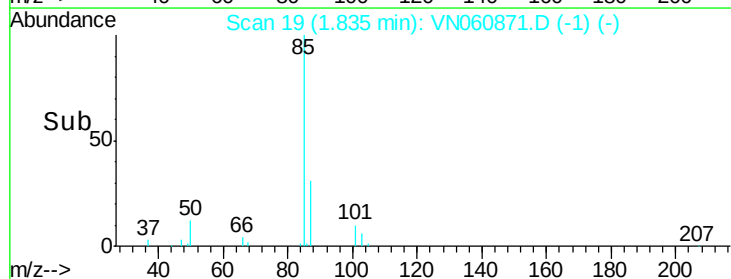
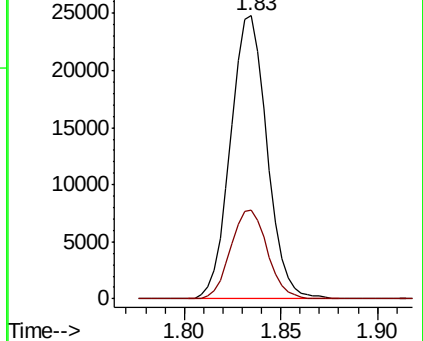
85 100

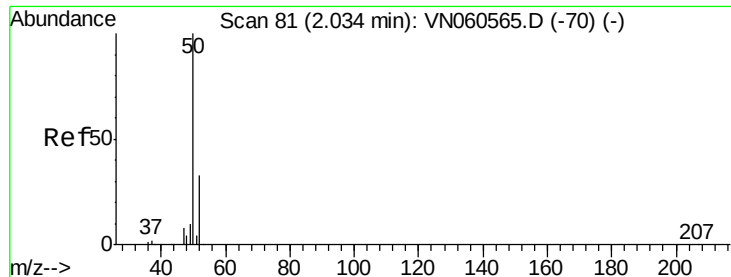
87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 15.579 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

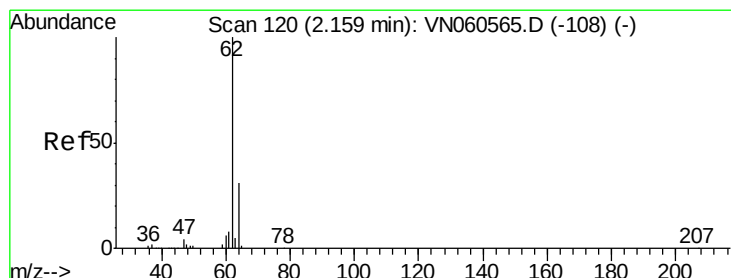
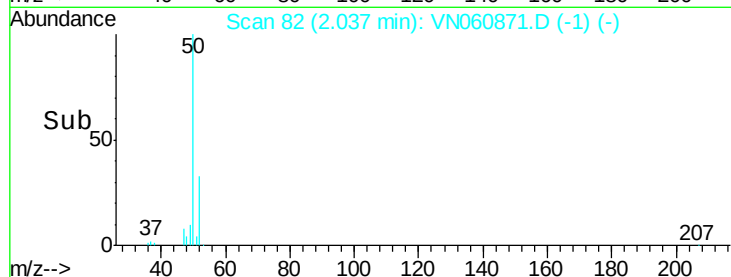
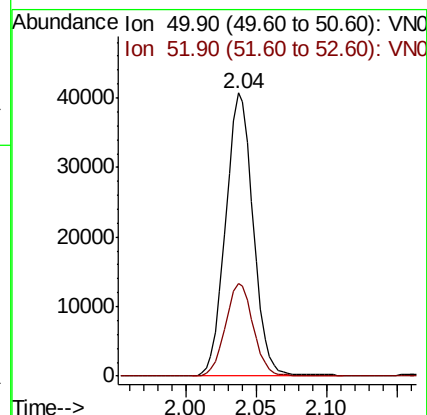
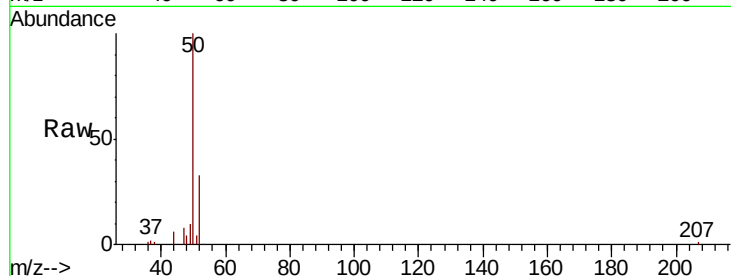
VN0407WBS01

Tot Ion: 50 Resp: 55640

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.2



#4

Vinyl Chloride

Concen: 16.209 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060871.D

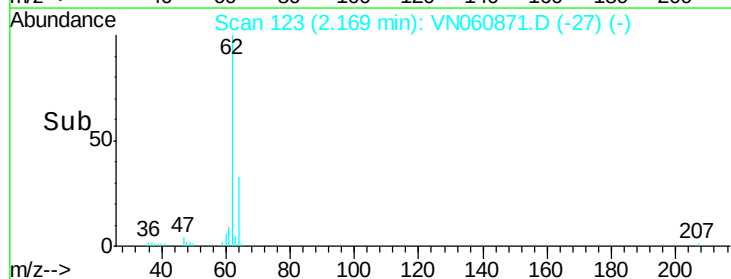
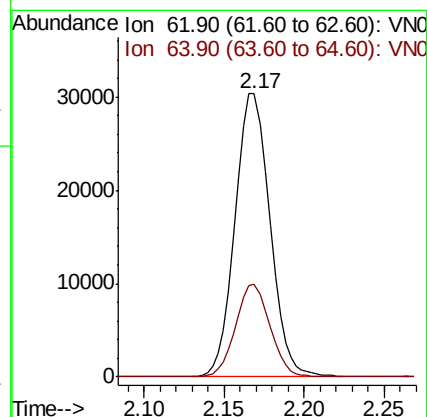
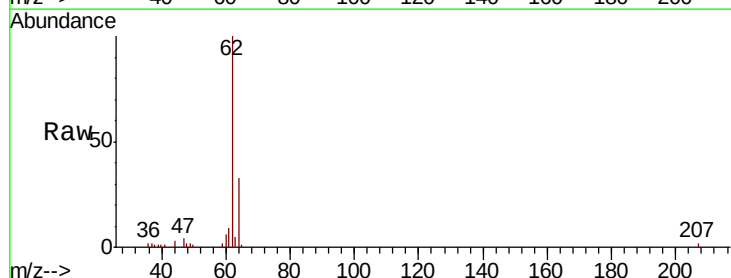
Acq: 7 Apr 2020 12:40

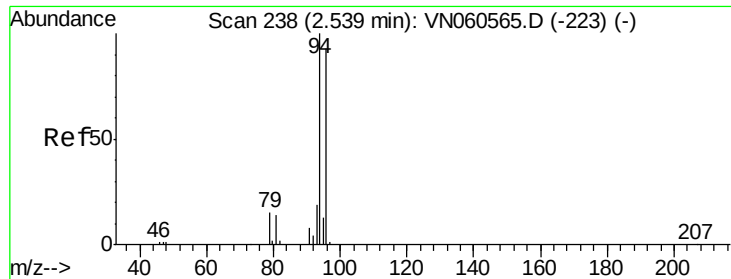
Tgt Ion: 62 Resp: 45279

Ion Ratio Lower Upper

62 100

64 32.6 24.7 37.1





#5

Bromomethane

Concen: 19.962 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

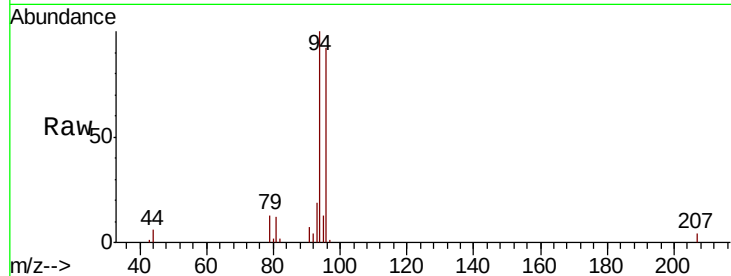
VN0407WBS01

Tot Ion: 94 Resp: 24073

Ion Ratio Lower Upper

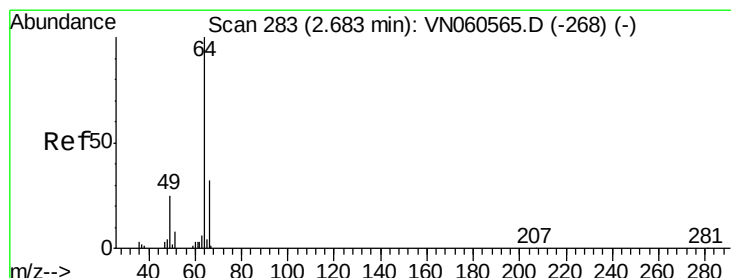
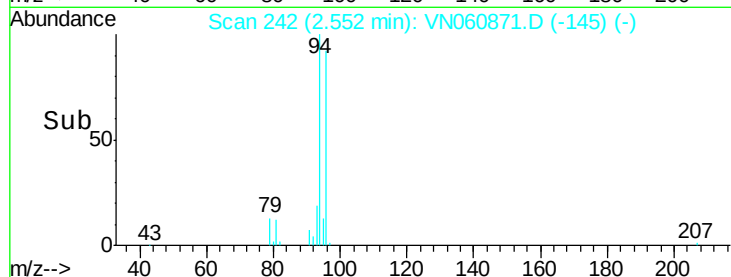
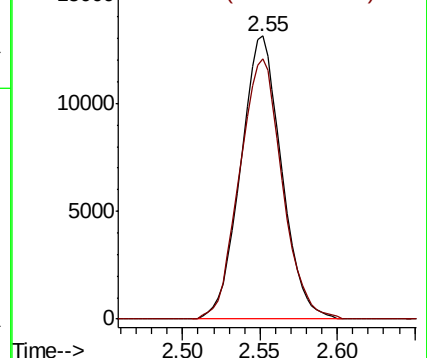
94 100

96 91.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.183 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060871.D

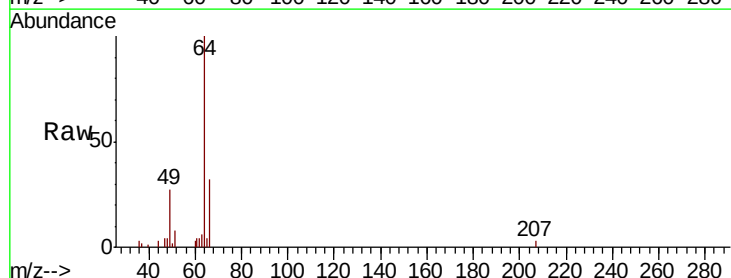
Acq: 7 Apr 2020 12:40

Tgt Ion: 64 Resp: 29260

Ion Ratio Lower Upper

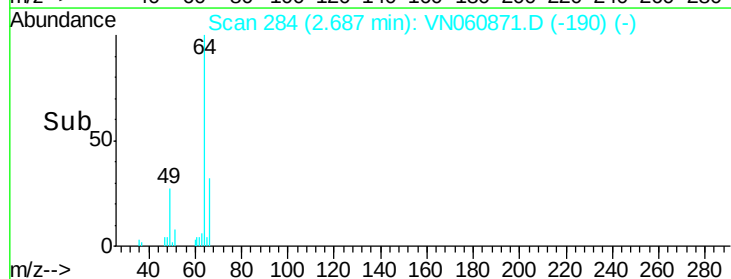
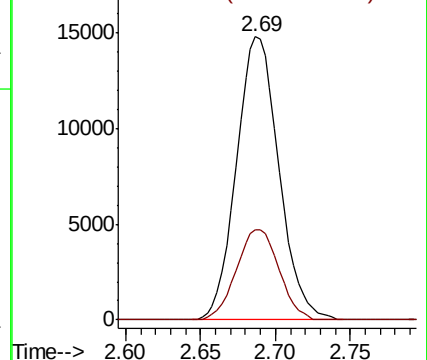
64 100

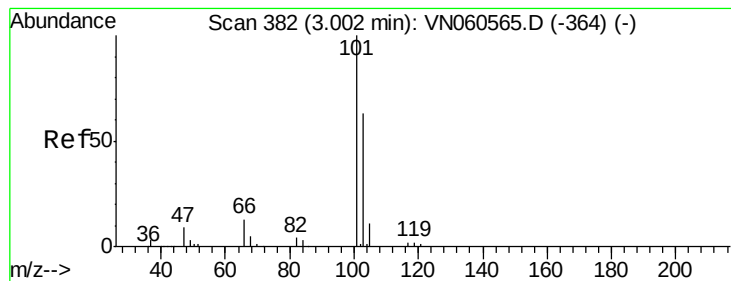
66 32.0 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



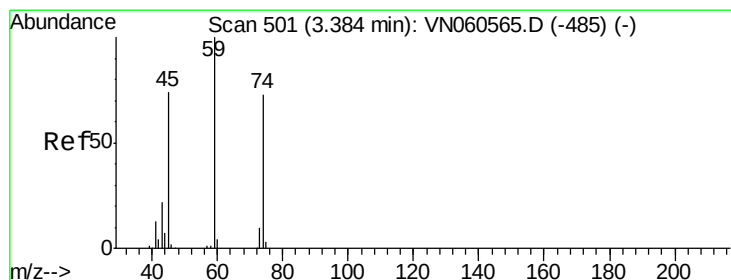
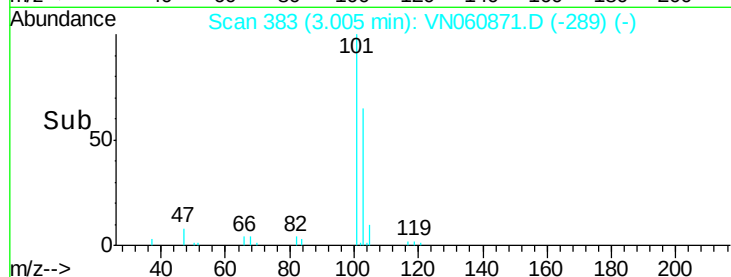
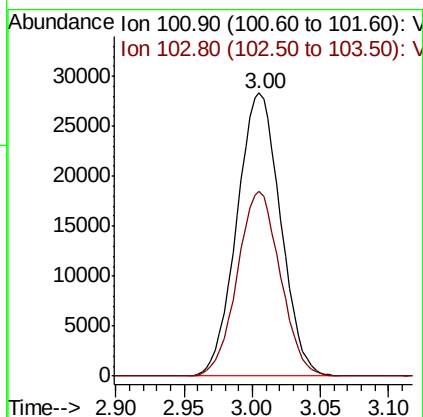
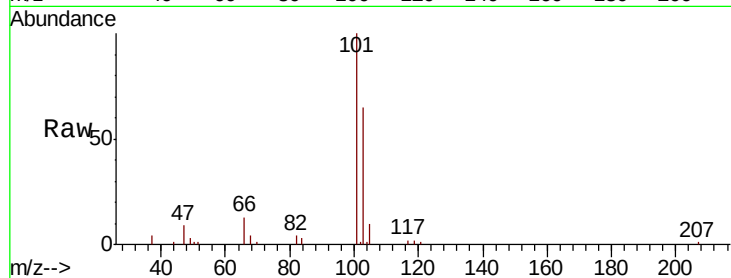


#7

Trichlorofluoromethane
 Concen: 18.301 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Instrument :
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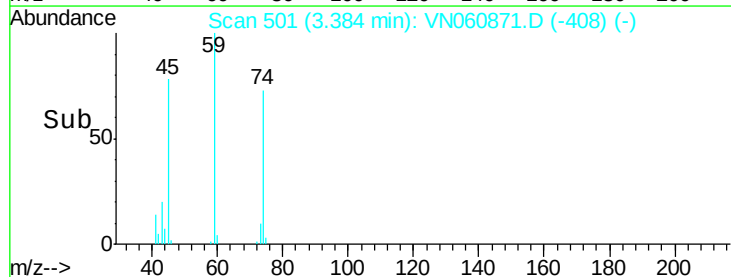
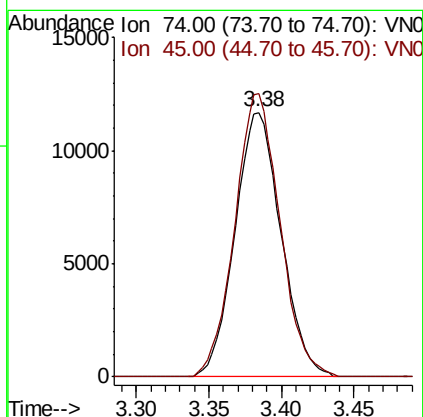
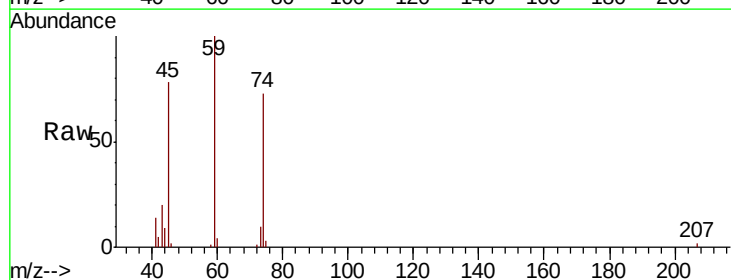
Tot Ion:101 Resp: 62979
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.6 76.0

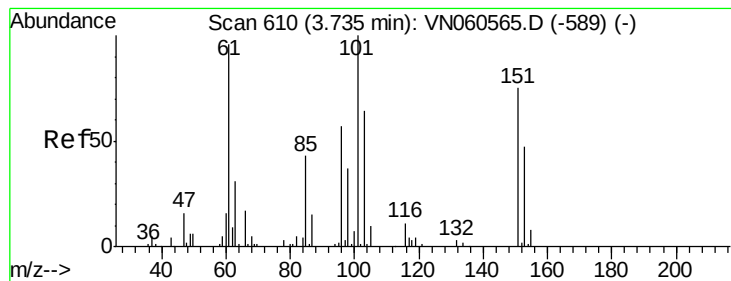


#8

Diethyl Ether
 Concen: 18.649 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 74 Resp: 25781
 Ion Ratio Lower Upper
 74 100
 45 105.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.931 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

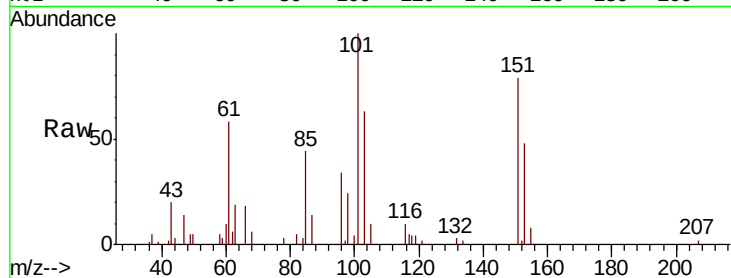
Tot Ion:101 Resp: 37749

Ion Ratio Lower Upper

101 100

85 45.3 35.6 53.4

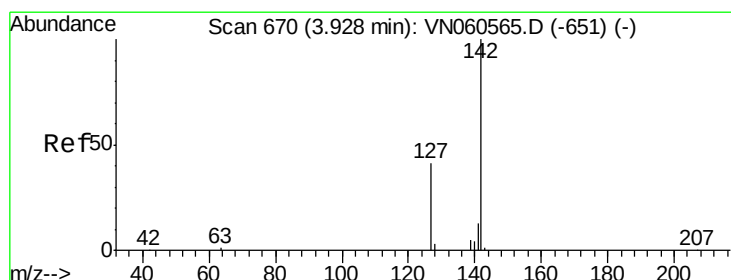
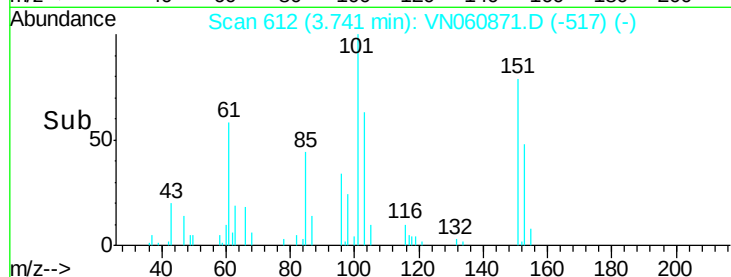
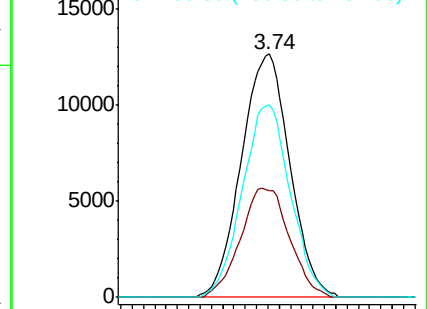
151 78.2 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.946 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

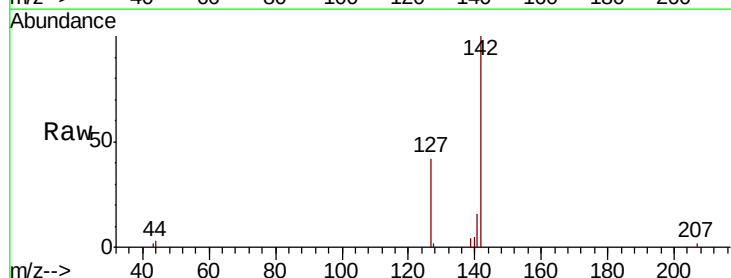
Tgt Ion:142 Resp: 30067

Ion Ratio Lower Upper

142 100

127 40.3 33.5 50.3

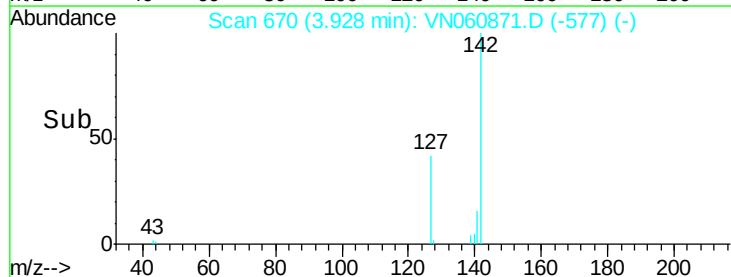
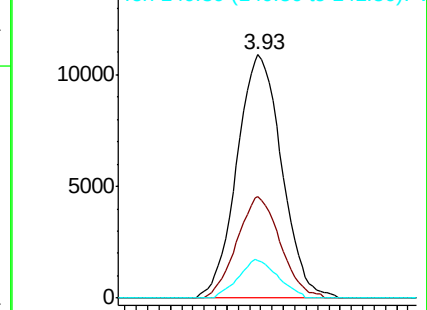
141 14.0 11.0 16.6

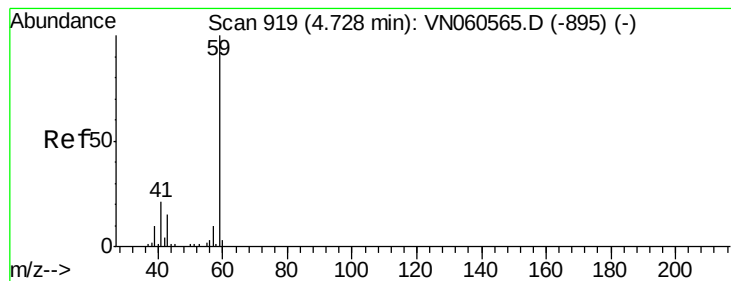


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



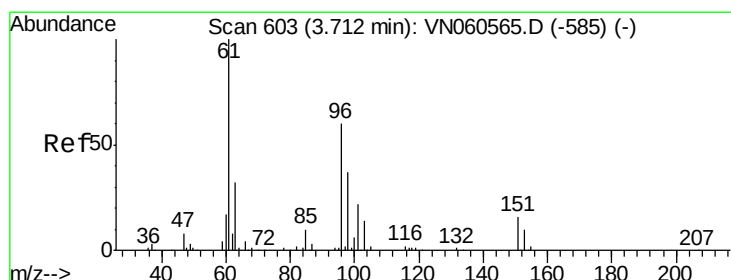
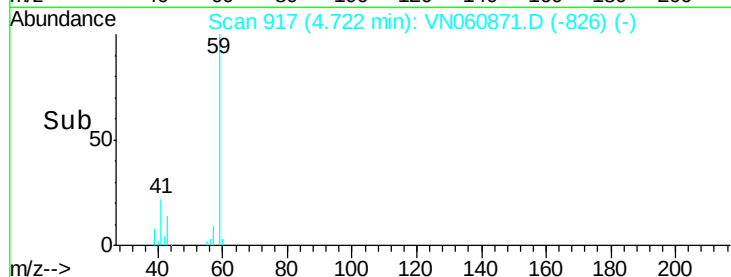
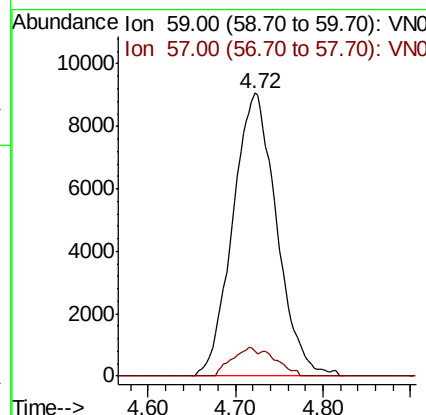
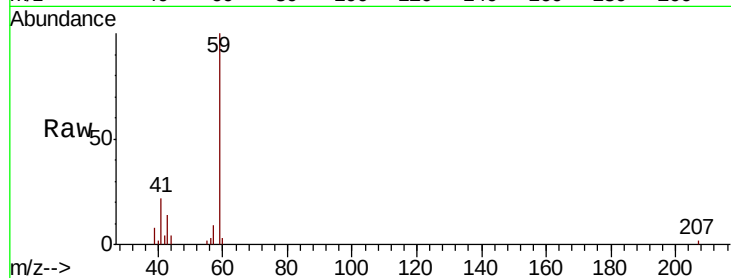


#11

Tert butyl alcohol
 Concen: 78.940 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

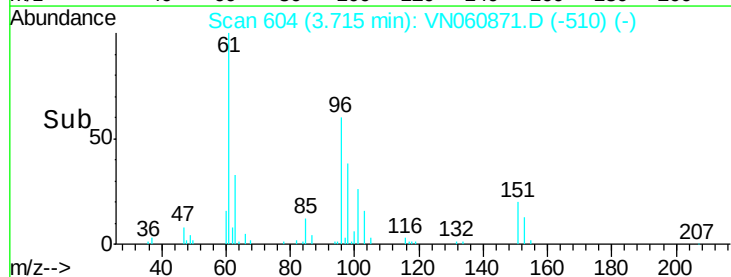
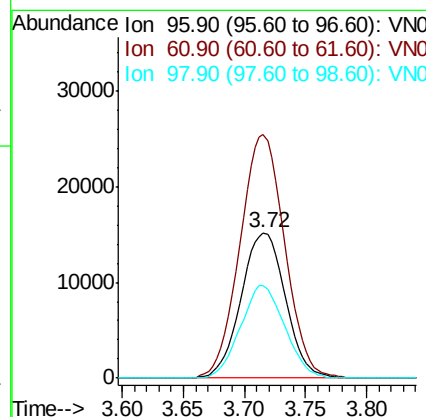
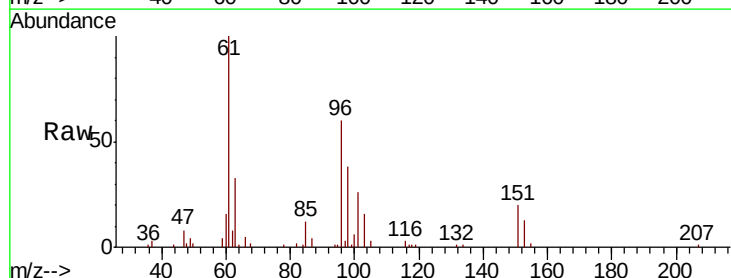
Tot Ion: 59 Resp: 31498
 Ion Ratio Lower Upper
 59 100
 57 5.7 8.2 12.4#

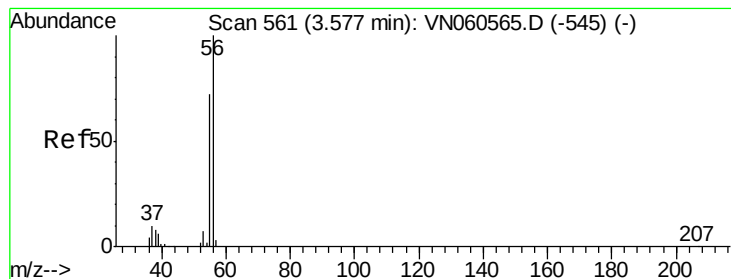


#12

1,1-Dichloroethene
 Concen: 17.864 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 96 Resp: 38225
 Ion Ratio Lower Upper
 96 100
 61 167.8 134.1 201.1
 98 63.8 49.9 74.9





#13

Acrolein

Concen: 69.045 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

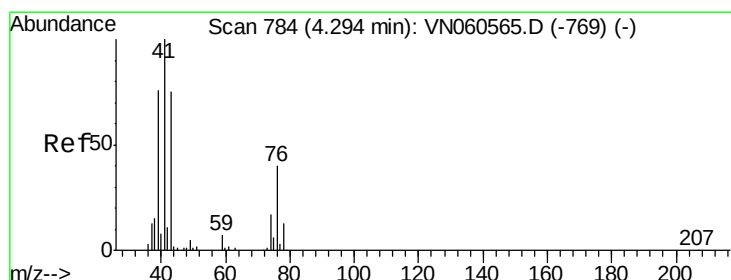
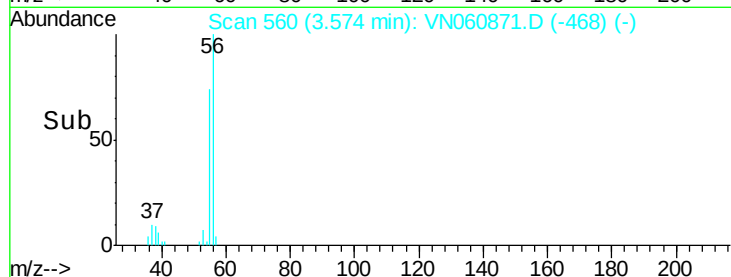
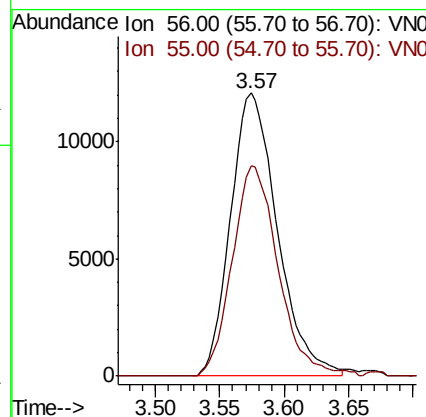
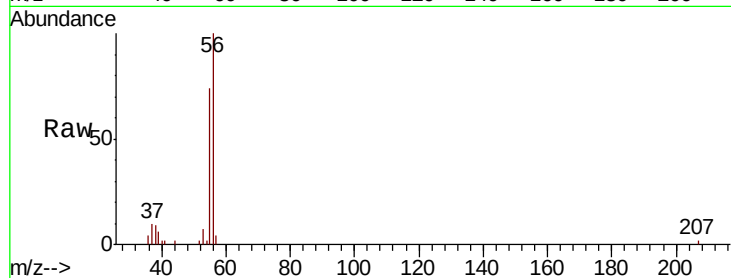
VN0407WBS01

Tot Ion: 56 Resp: 30533

Ion Ratio Lower Upper

56 100

55 72.9 56.7 85.1



#14

Allyl chloride

Concen: 18.157 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

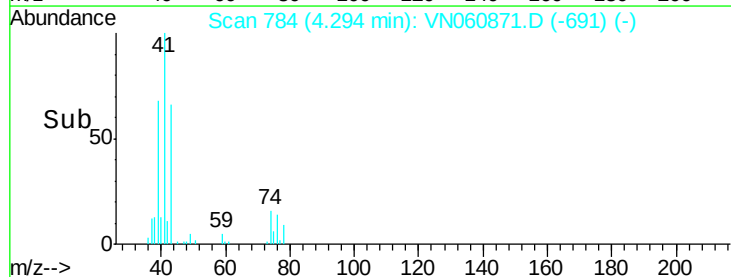
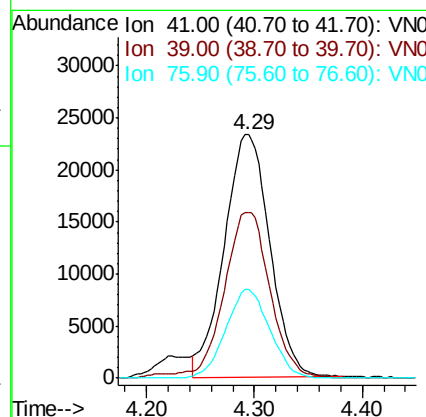
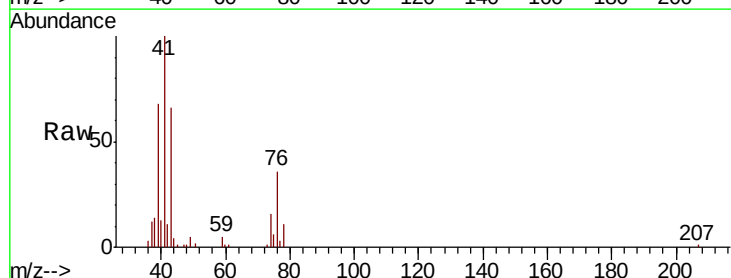
Tgt Ion: 41 Resp: 68334

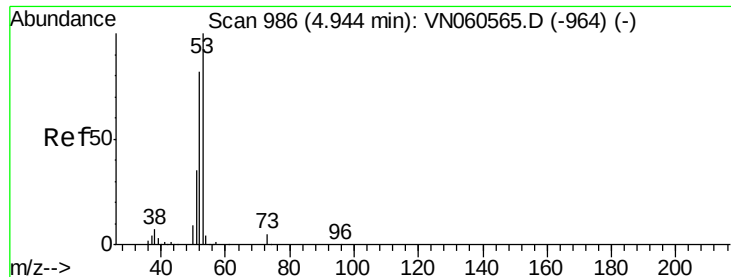
Ion Ratio Lower Upper

41 100

39 69.6 57.8 86.8

76 35.3 28.6 43.0





#15

Acrylonitrile

Concen: 88.944 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

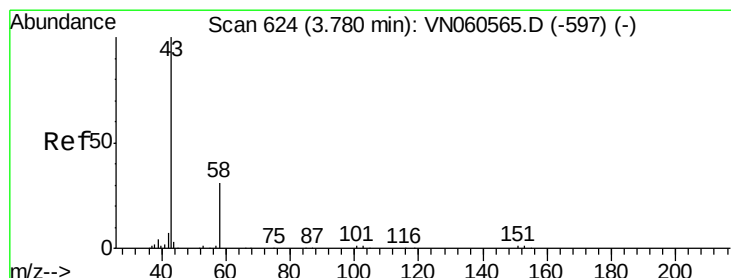
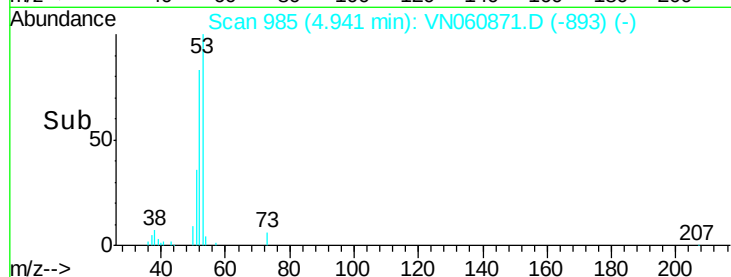
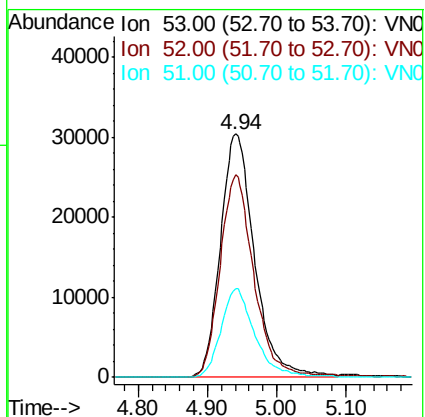
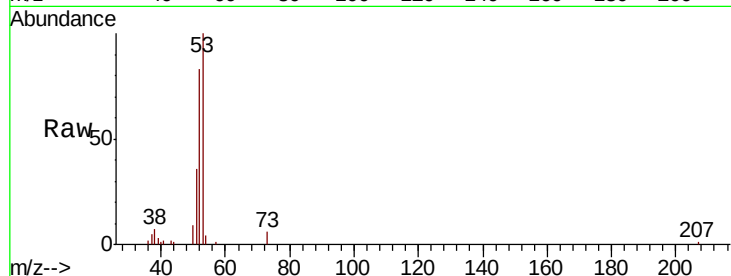
Tot Ion: 53 Resp: 104360

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.4

51 36.1 28.7 43.1



#16

Acetone

Concen: 93.762 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060871.D

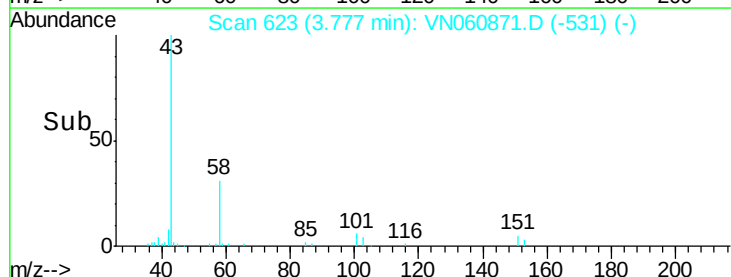
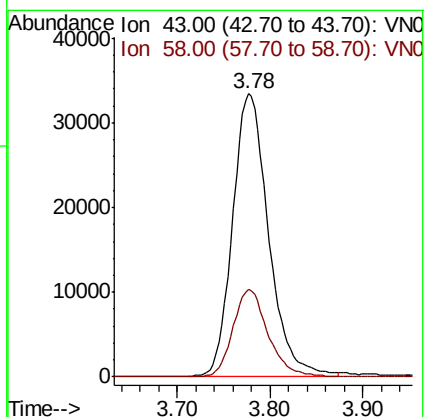
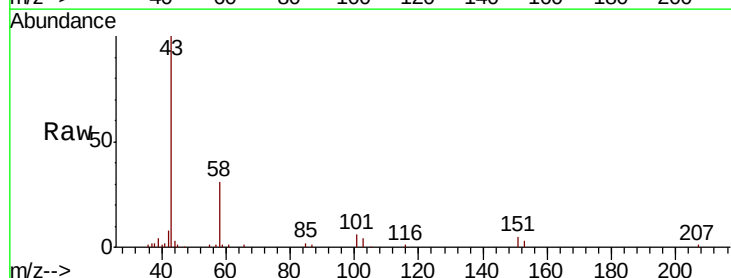
Acq: 7 Apr 2020 12:40

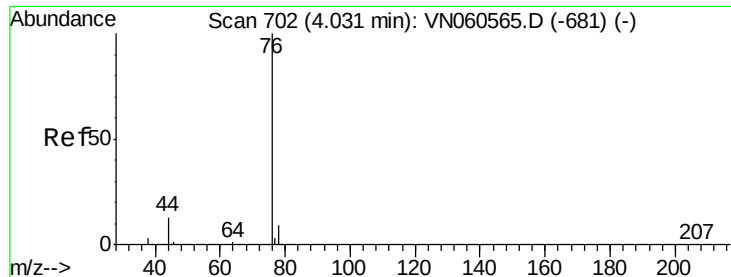
Tgt Ion: 43 Resp: 90108

Ion Ratio Lower Upper

43 100

58 30.7 25.1 37.7





#17

Carbon Disulfide

Concen: 16.360 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

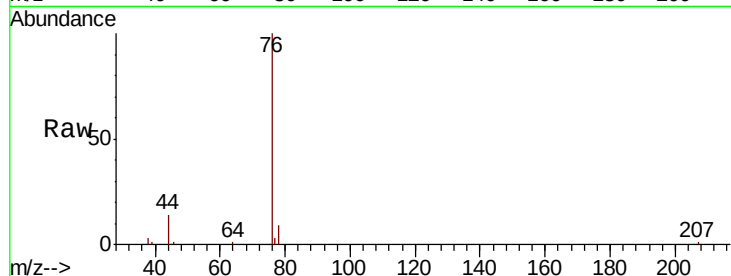
VN0407WBS01

Tot Ion: 76 Resp: 106466

Ion Ratio Lower Upper

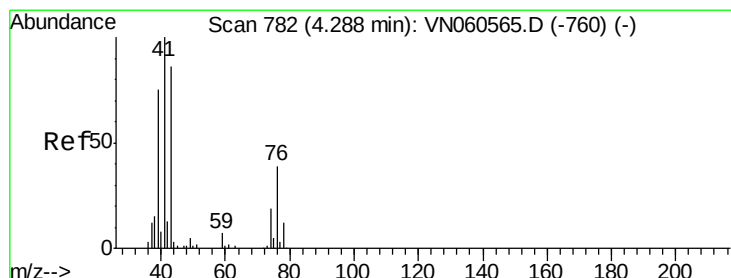
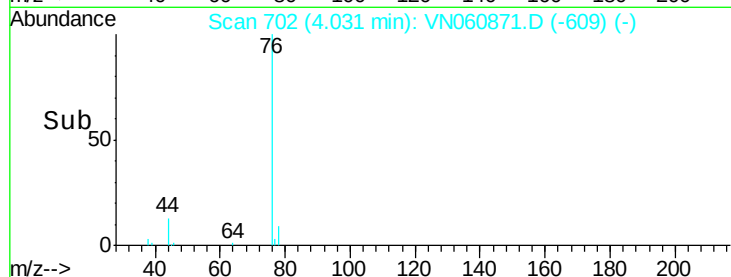
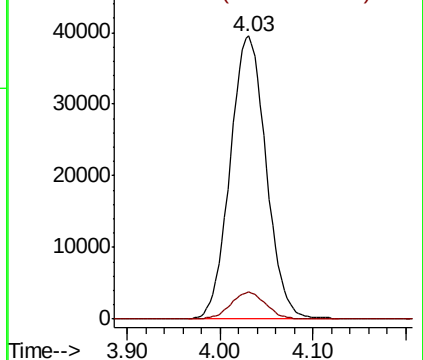
76 100

78 9.5 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.619 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060871.D

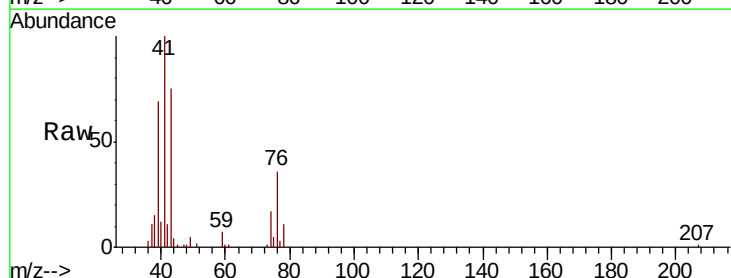
Acq: 7 Apr 2020 12:40

Tgt Ion: 43 Resp: 50366

Ion Ratio Lower Upper

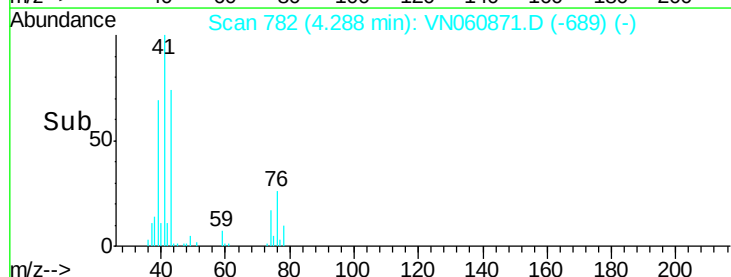
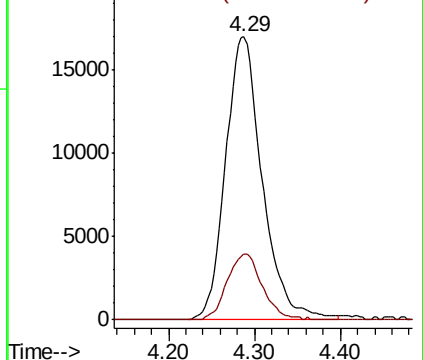
43 100

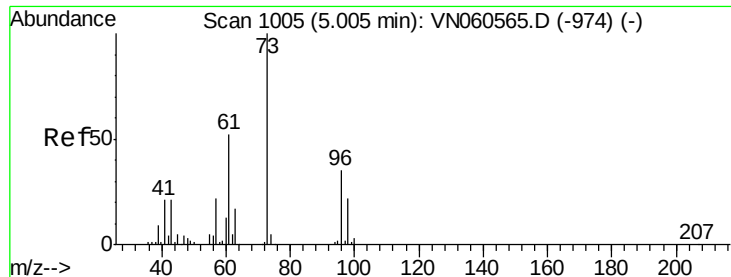
74 22.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

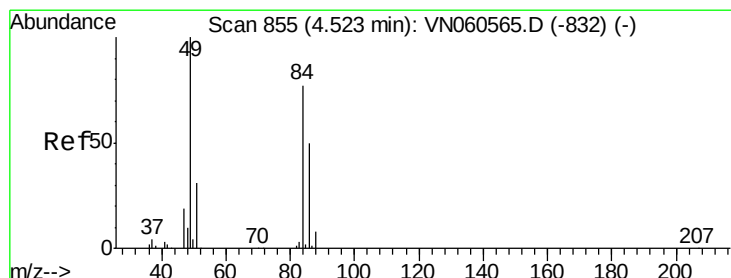
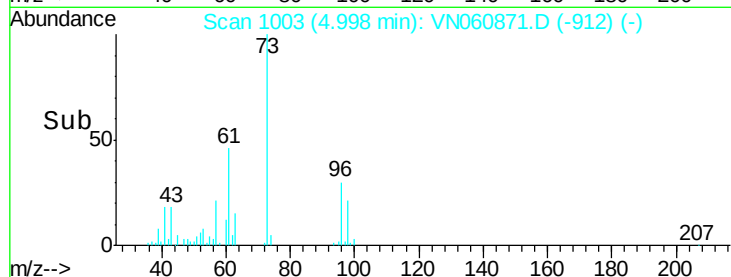
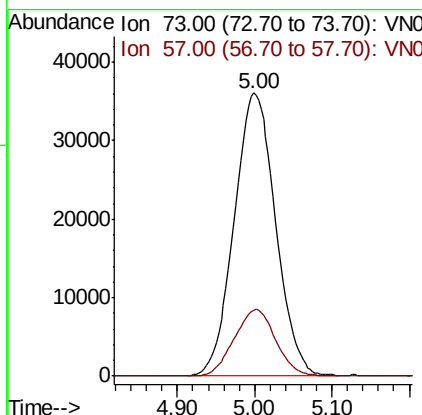
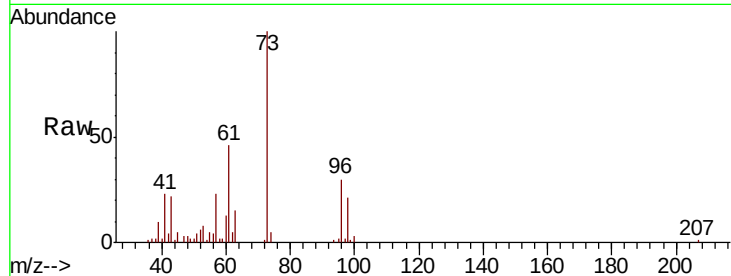




#19
Methvl tert-butvl Ether
Concen: 18.259 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

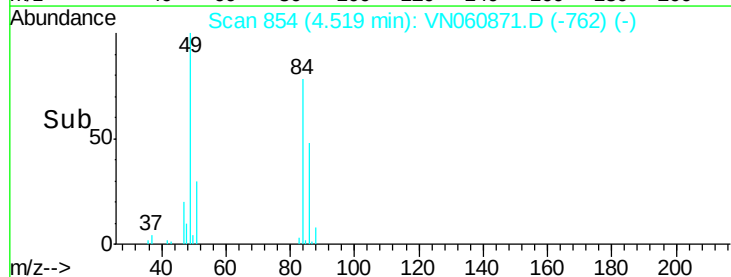
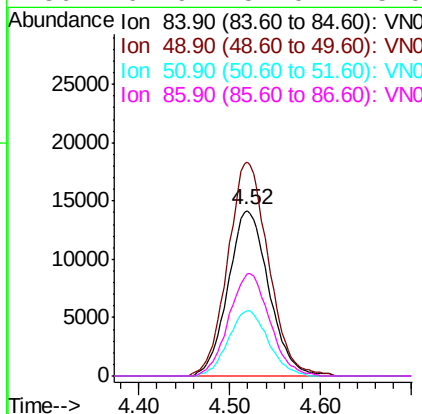
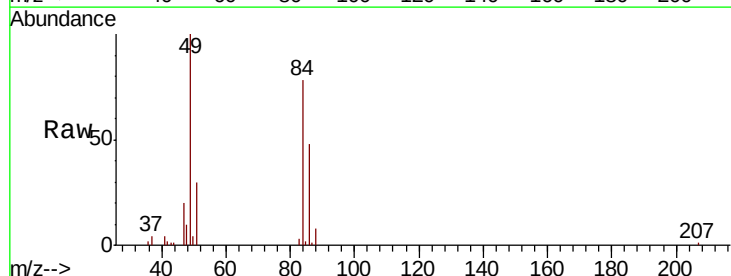
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

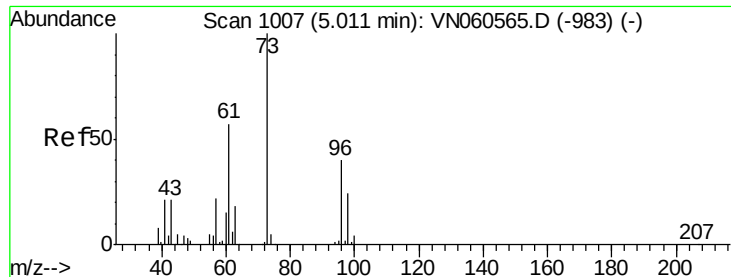
Tot Ion: 73 Resp: 134327
Ion Ratio Lower Upper
73 100
57 23.4 17.5 26.3



#20
Methylene Chloride
Concen: 18.665 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 84 Resp: 44126
Ion Ratio Lower Upper
84 100
49 128.9 103.3 154.9
51 39.3 31.6 47.4
86 61.9 52.0 78.0

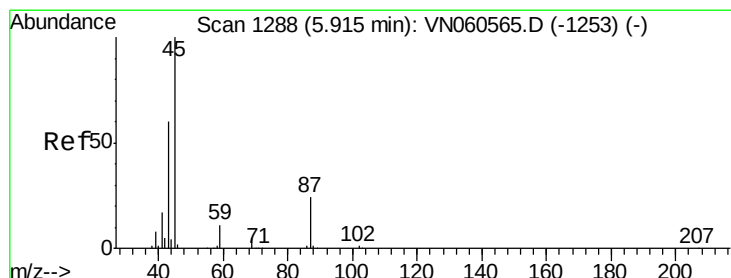
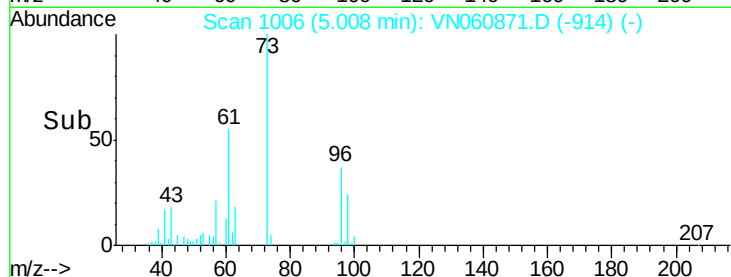
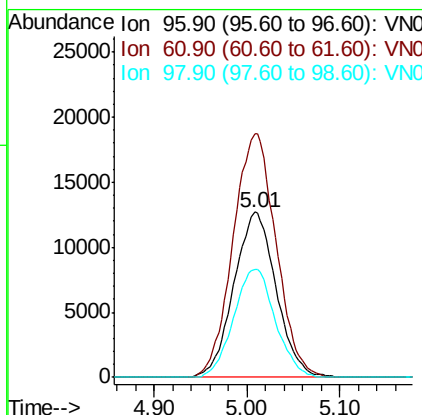
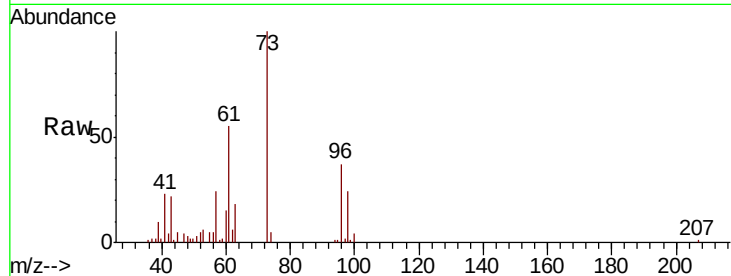




#21
trans-1,2-Dichloroethene
Concen: 17.634 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

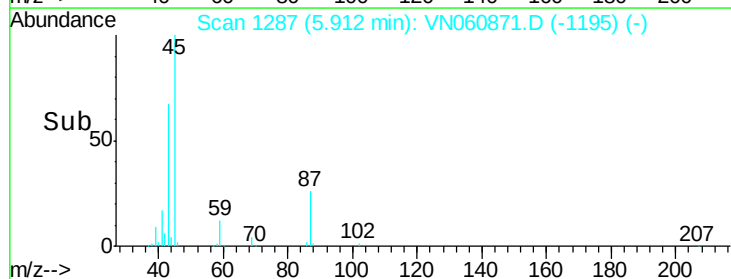
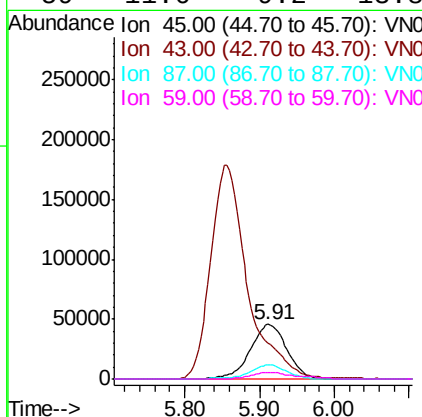
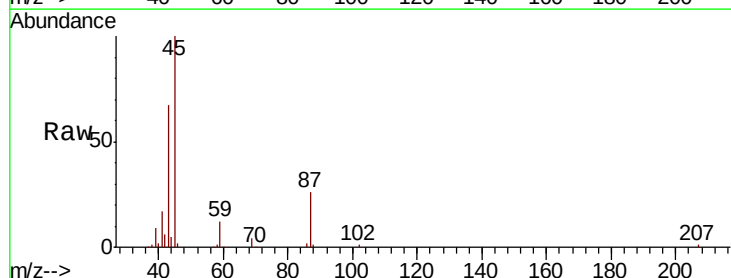
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

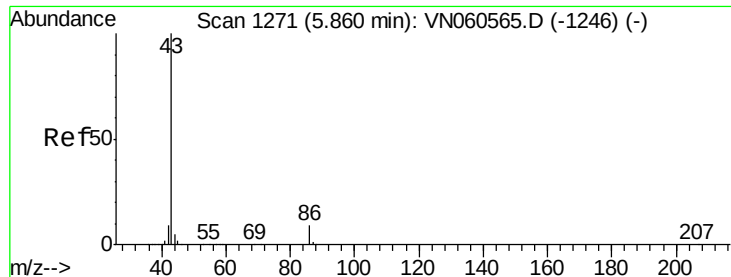
Tot Ion: 96 Resp: 40214
Ion Ratio Lower Upper
96 100
61 146.9 114.4 171.6
98 65.3 48.4 72.6



#22
Diisopropyl ether
Concen: 19.473 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 45 Resp: 154832
Ion Ratio Lower Upper
45 100
43 65.0 49.8 74.8
87 26.0 20.1 30.1
59 11.6 9.2 13.8





#23

Vinyl Acetate

Concen: 94.337 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

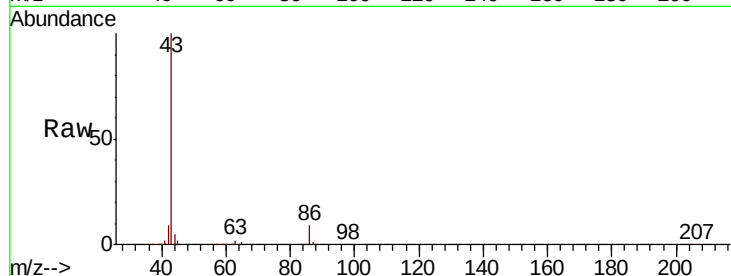
VN0407WBS01

Tot Ion: 43 Resp: 611994

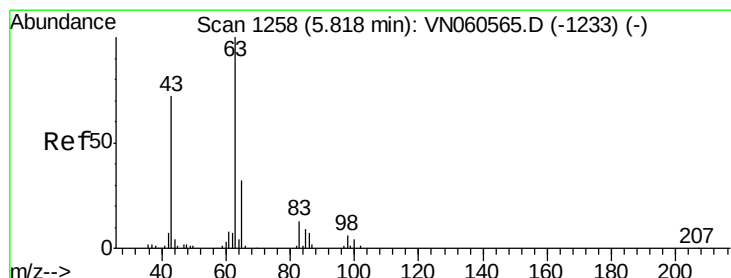
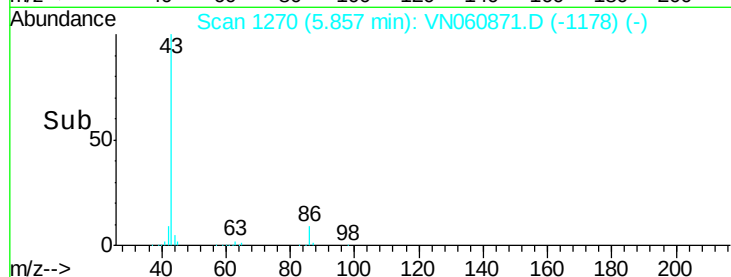
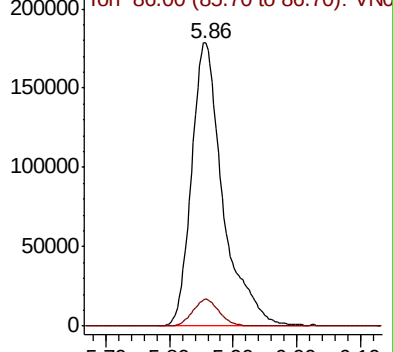
Ion Ratio Lower Upper

43 100

86 9.5 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060871.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 19.023 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

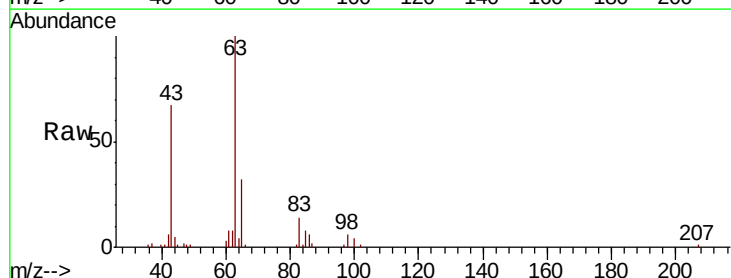
Tgt Ion: 63 Resp: 82453

Ion Ratio Lower Upper

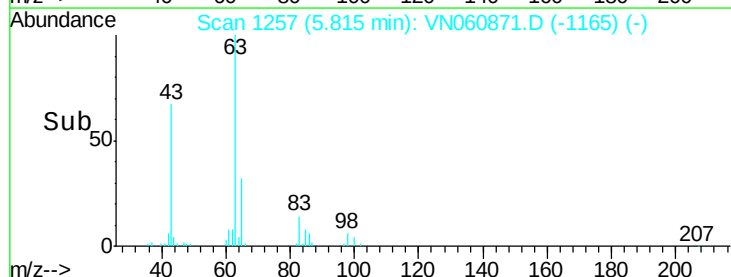
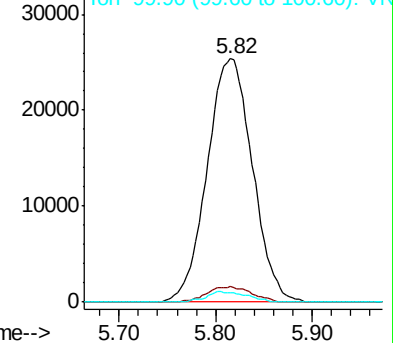
63 100

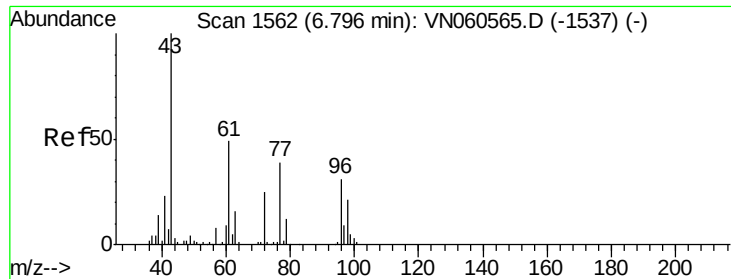
98 6.3 2.9 8.7

100 4.0 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060871.D (-1165) (-)

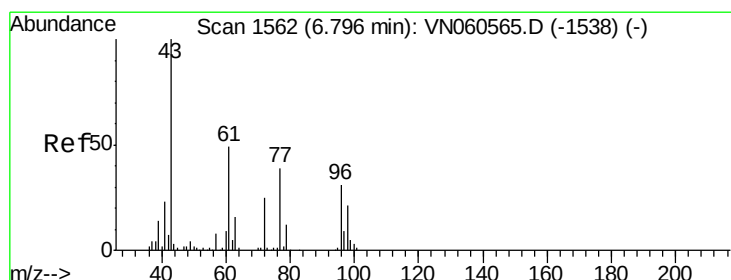
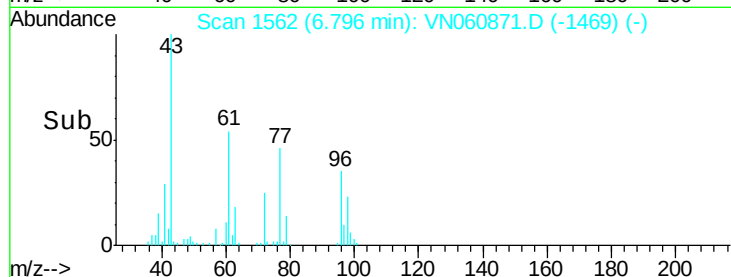
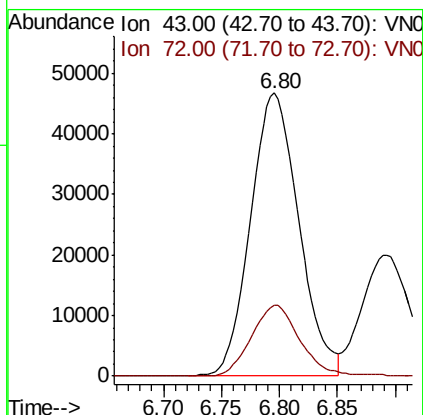
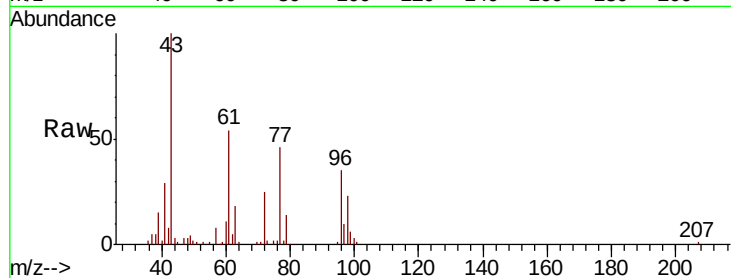




#25
 2-Butanone
 Concen: 87.349 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

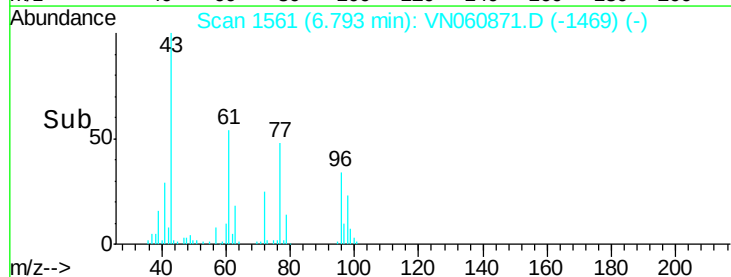
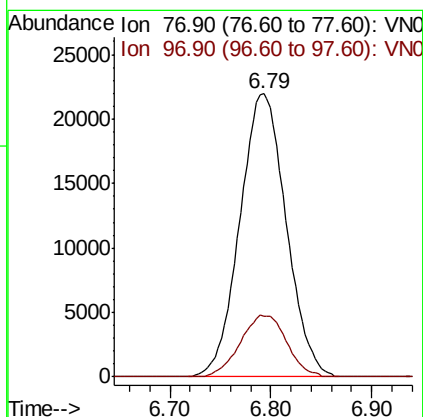
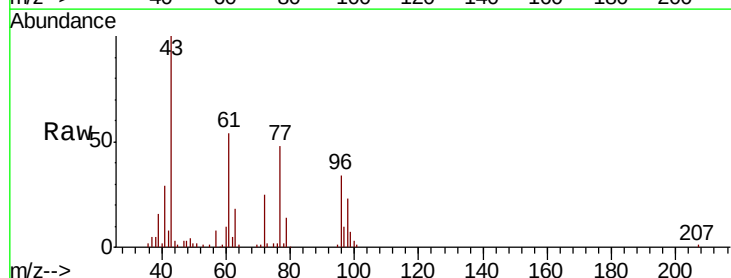
Instrument :
 MSVOA_N
 ClientSampled :
 VN0407WBS01

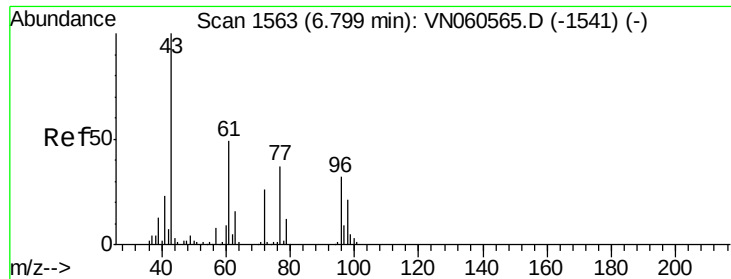
Tot Ion: 43 Resp: 135838
 Ion Ratio Lower Upper
 43 100
 72 25.1 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 20.506 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 77 Resp: 69932
 Ion Ratio Lower Upper
 77 100
 97 21.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 18.496 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

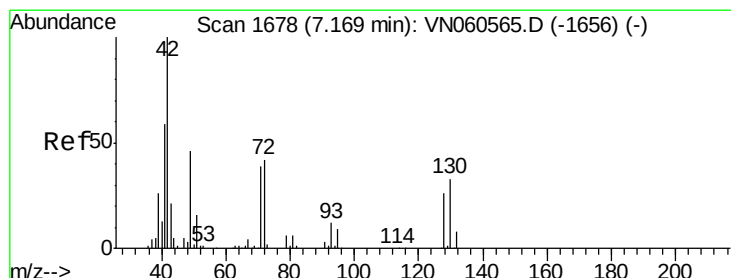
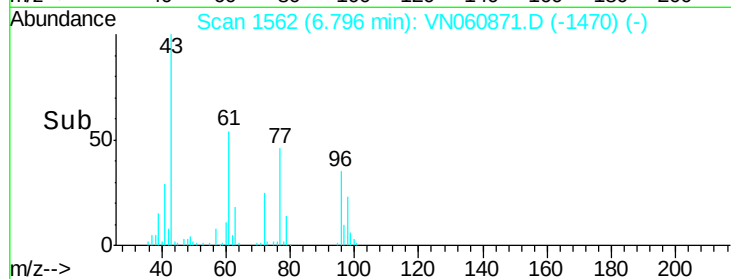
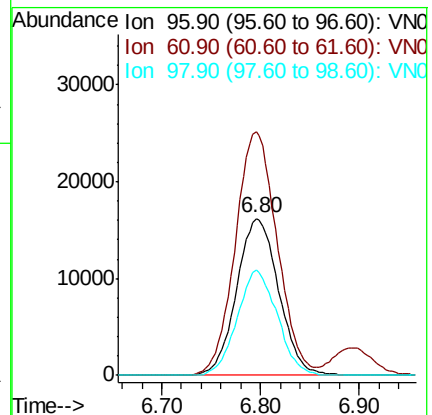
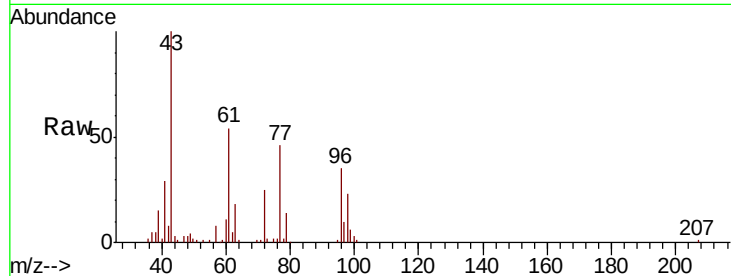
Tot Ion: 96 Resp: 47933

Ion Ratio Lower Upper

96 100

61 154.6 0.0 305.6

98 63.7 0.0 127.6



#28

Bromochloromethane

Concen: 18.379 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

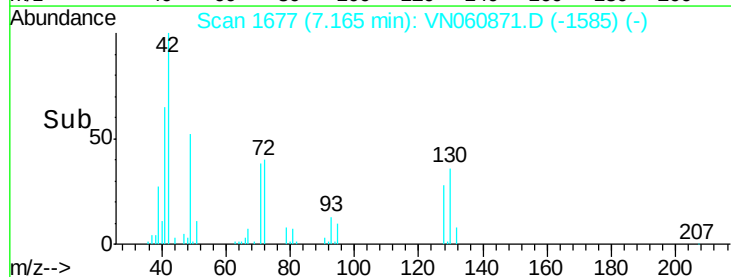
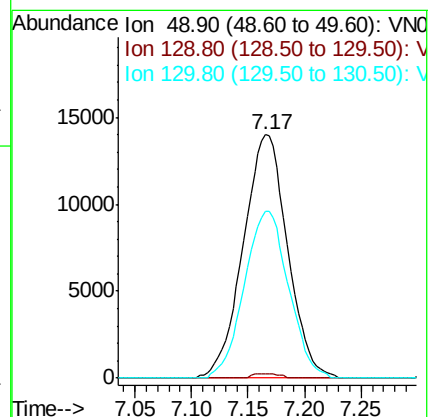
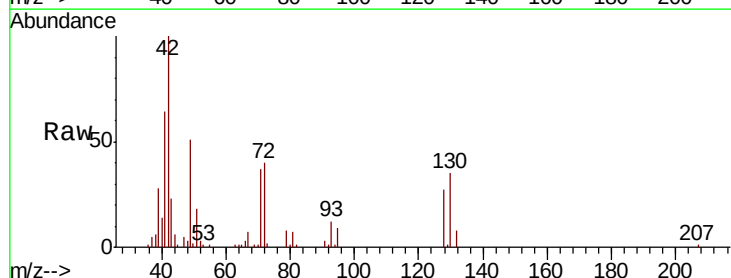
Tgt Ion: 49 Resp: 38114

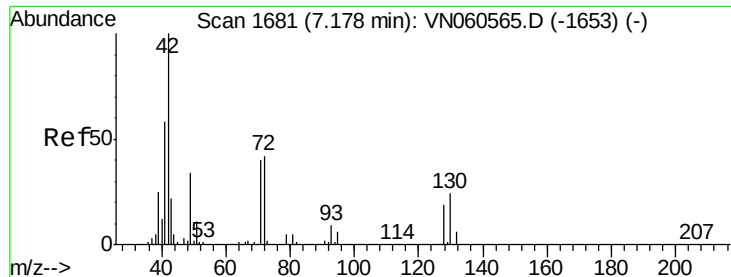
Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.4

130 68.5 55.0 82.4

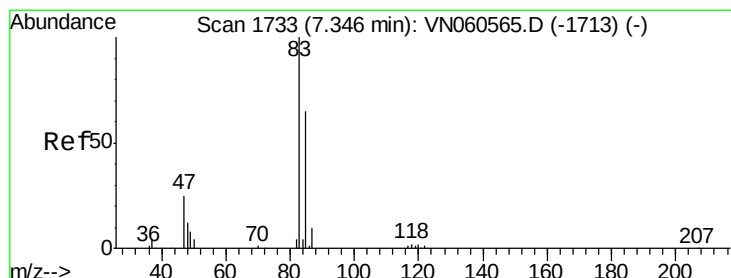
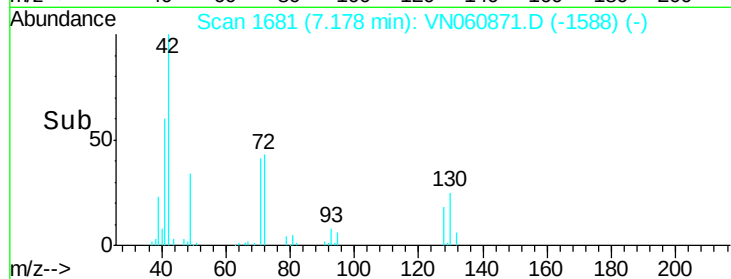
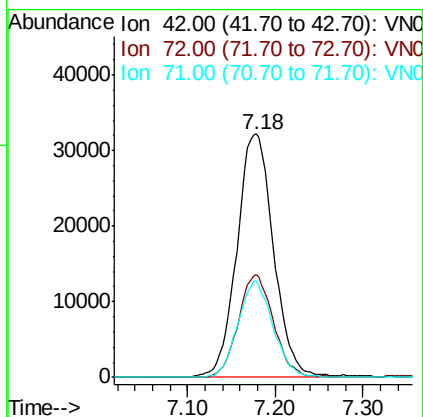
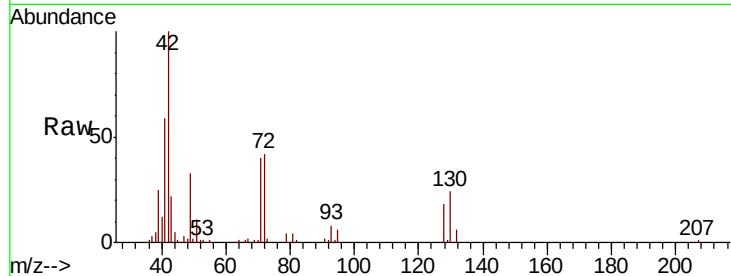




#29
Tetrahydrofuran
Concen: 84.944 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

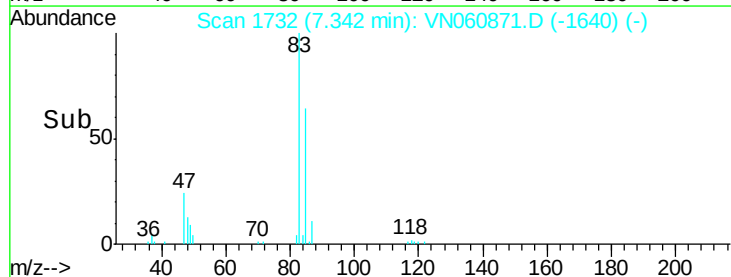
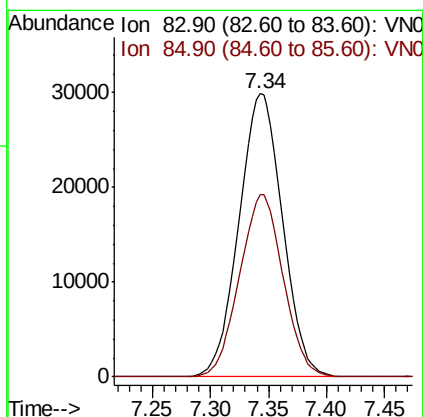
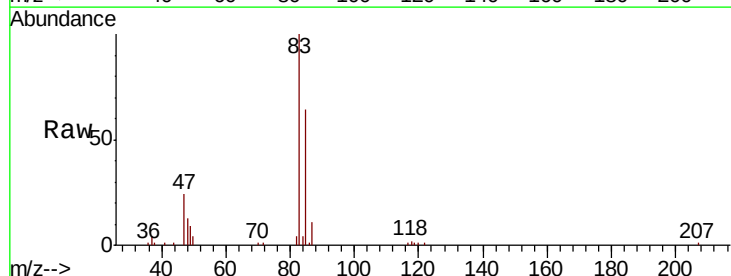
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

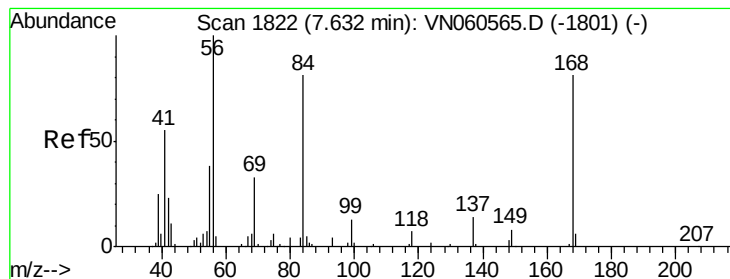
Tot Ion: 42 Resp: 93464
Ion Ratio Lower Upper
42 100
72 40.3 33.2 49.8
71 37.8 31.1 46.7



#30
Chloroform
Concen: 18.833 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 83 Resp: 78254
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8





#31

Cyclohexane

Concen: 17.901 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

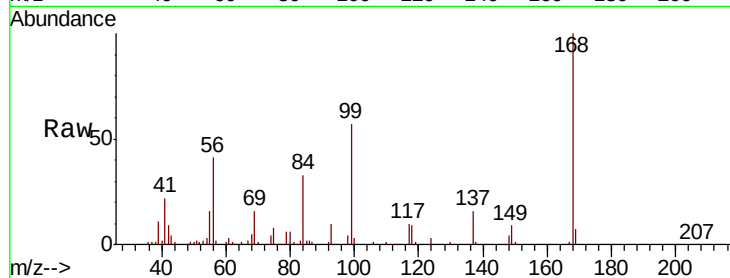
Tot Ion: 56 Resp: 78221

Ion Ratio Lower Upper

56 100

69 38.2 26.6 40.0

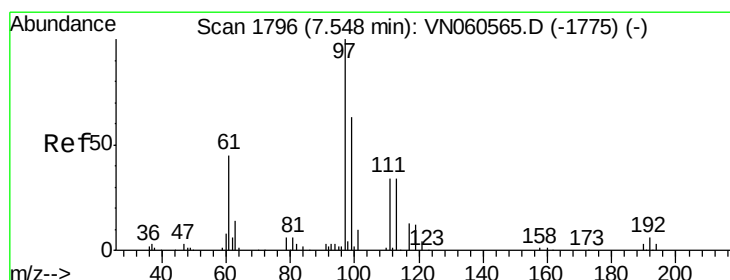
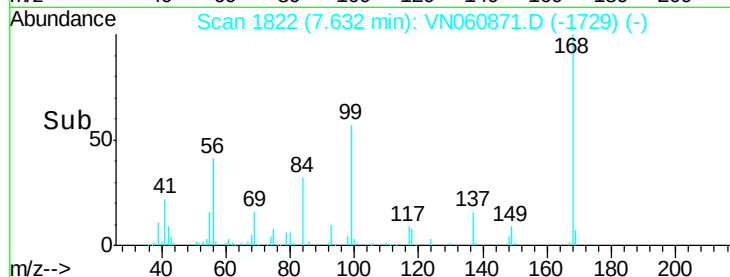
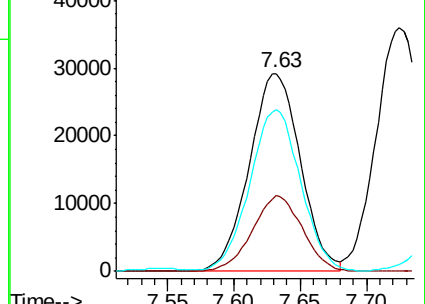
84 80.9 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060871.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060871.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060871.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 18.633 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

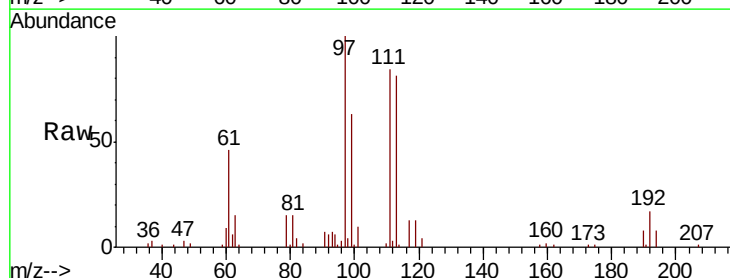
Tgt Ion: 97 Resp: 66745

Ion Ratio Lower Upper

97 100

99 63.6 50.6 75.8

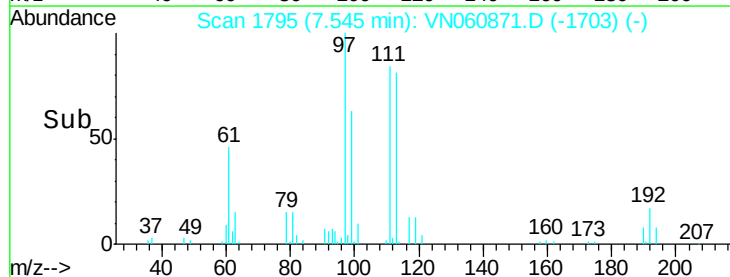
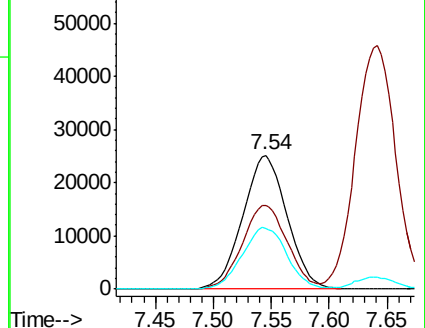
61 46.8 36.2 54.4

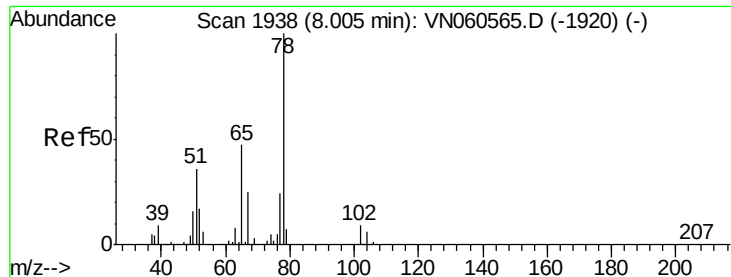


Abundance Ion 96.90 (96.60 to 97.60): VN060871.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060871.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060871.D (-1703) (-)

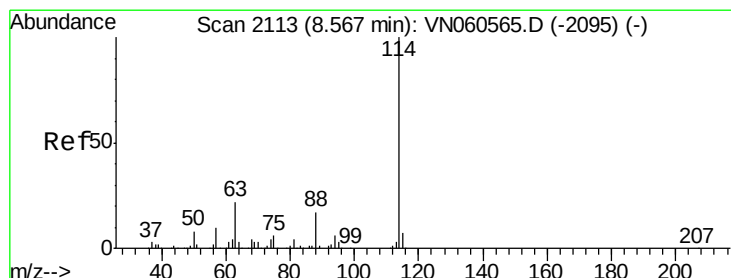
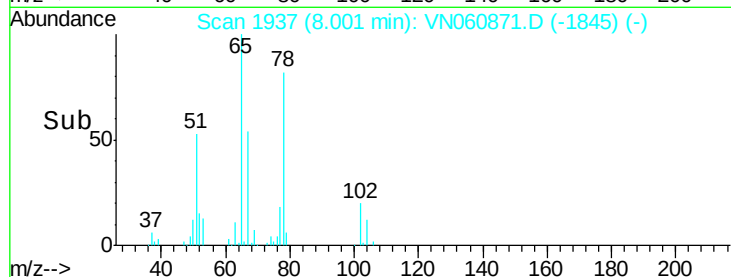
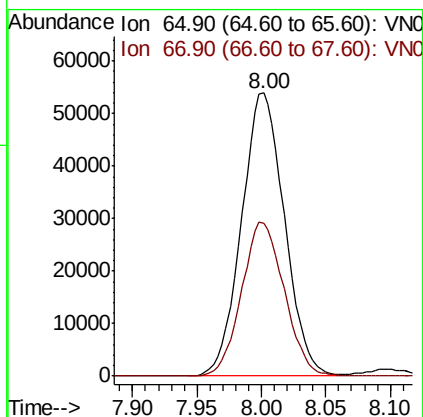
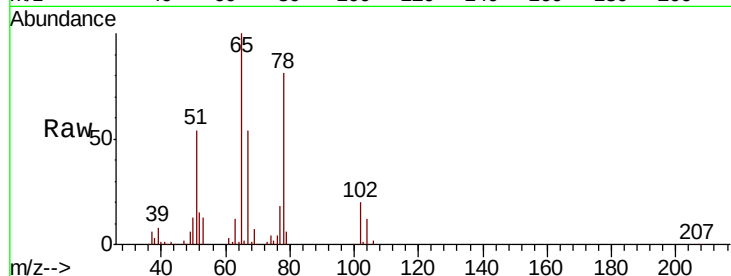




#33
 1,2-Dichloroethane-d4
 Concen: 46.195 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

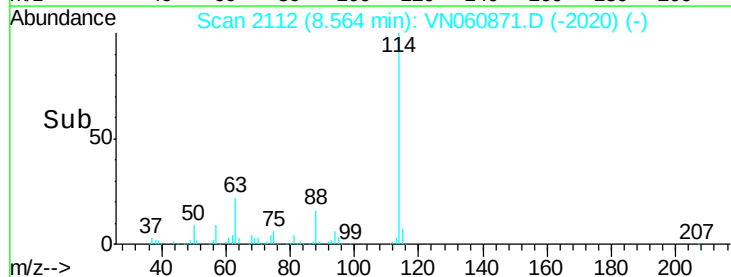
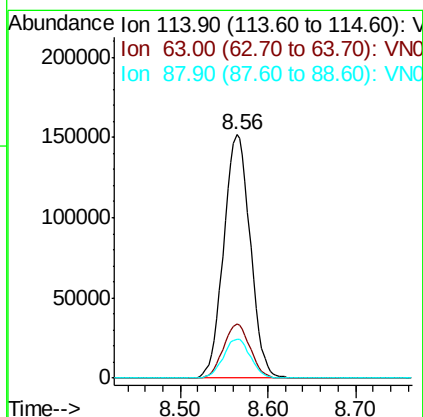
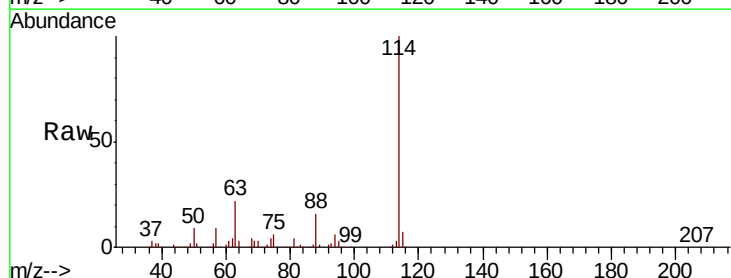
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

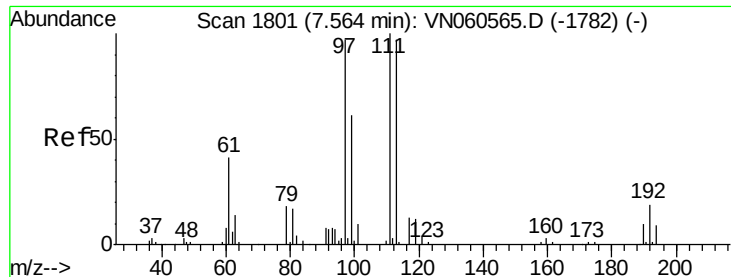
Tot Ion: 65 Resp: 125330
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 114 Resp: 319794
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.8
 88 16.0 0.0 33.0

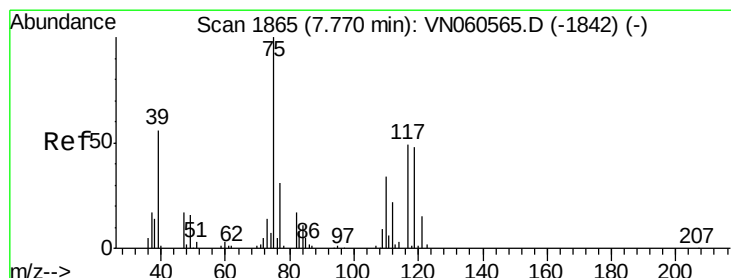
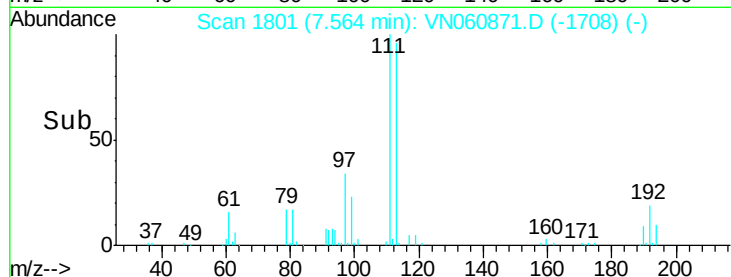
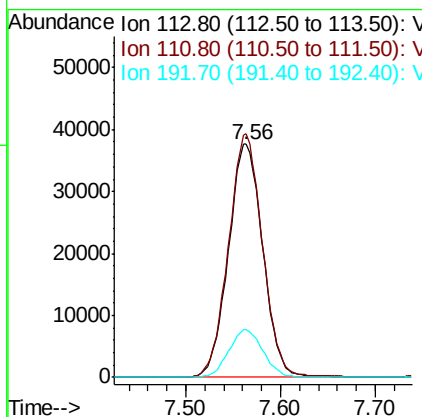
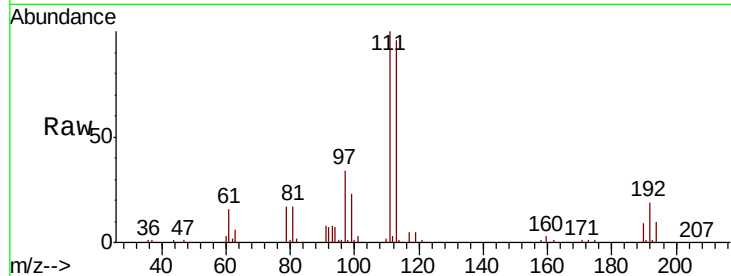




#35
 Dibromofluoromethane
 Concen: 49.188 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

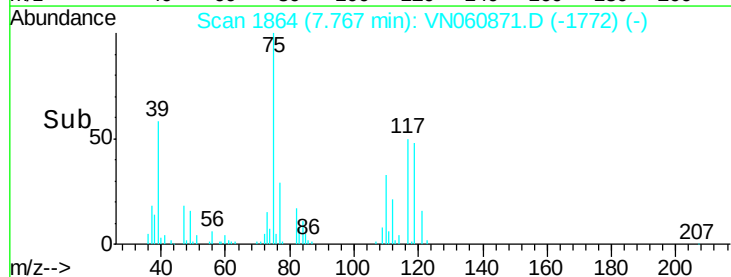
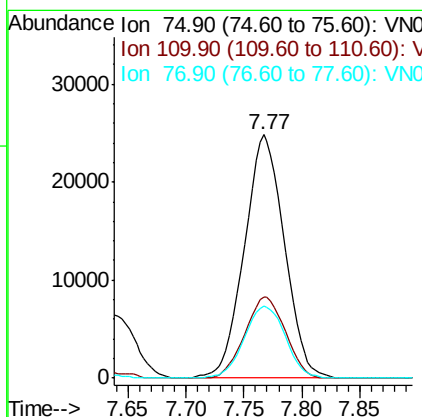
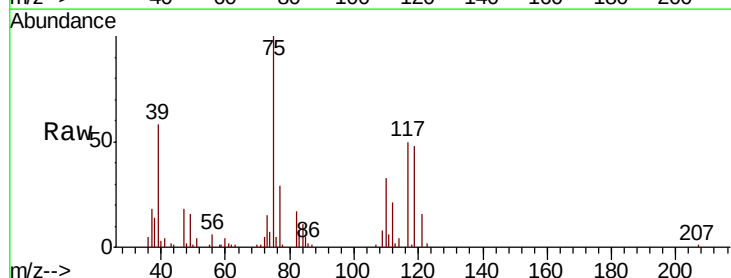
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

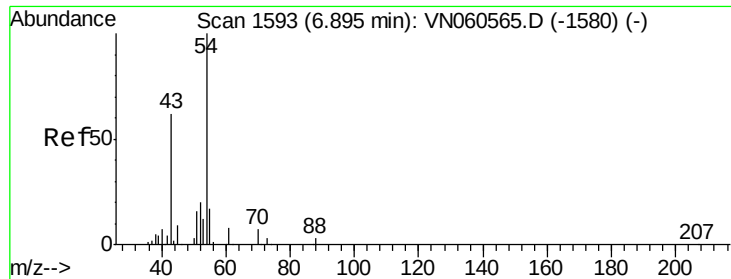
Tot Ion:113 Resp: 95114
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 19.309 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 75 Resp: 59791
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.6
 77 30.4 24.6 36.8

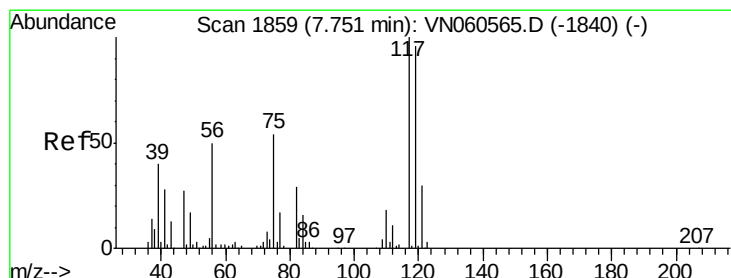
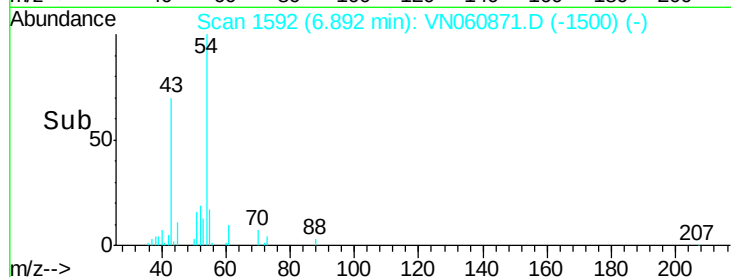
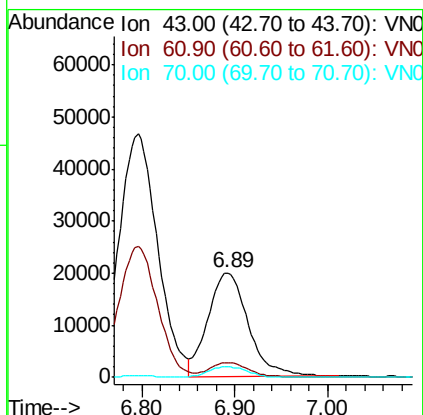
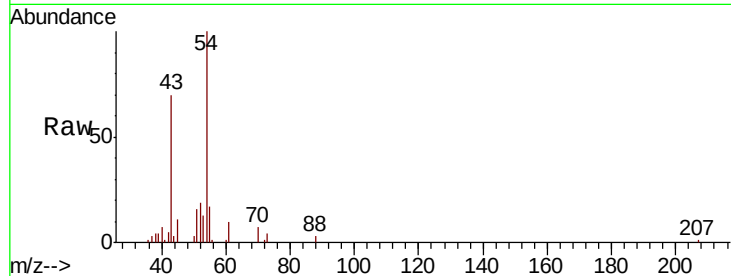




#37
 Ethyl Acetate
 Concen: 17.951 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

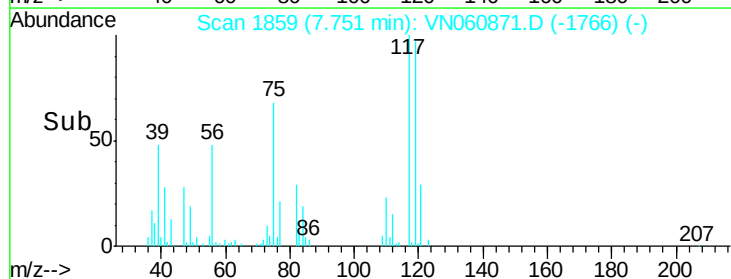
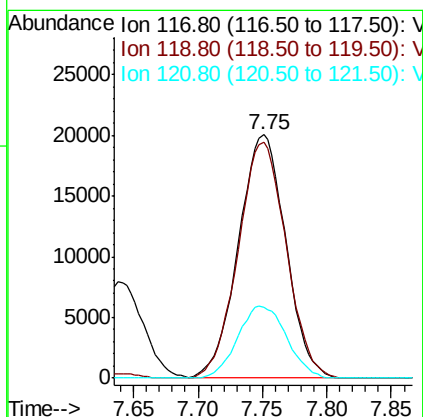
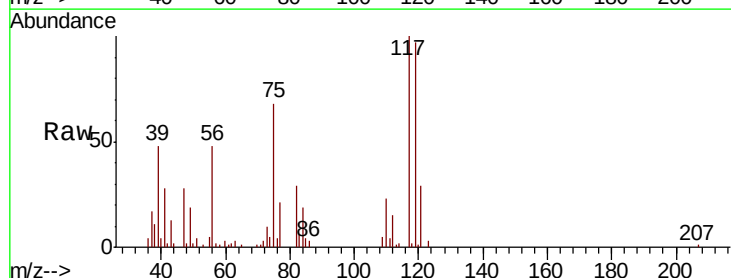
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

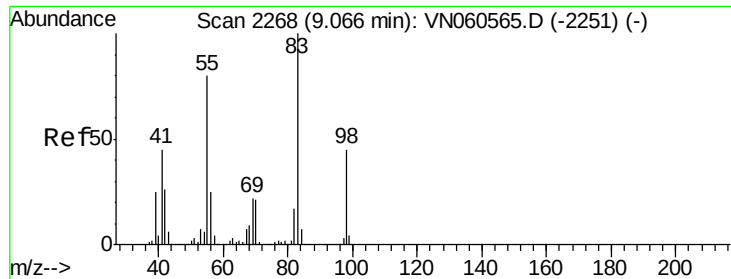
Tot Ion: 43 Resp: 60063
 Ion Ratio Lower Upper
 43 100
 61 13.7 10.6 15.8
 70 9.9 7.9 11.9



#38
 Carbon Tetrachloride
 Concen: 18.475 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 117 Resp: 51273
 Ion Ratio Lower Upper
 117 100
 119 96.8 76.2 114.2
 121 29.0 23.7 35.5

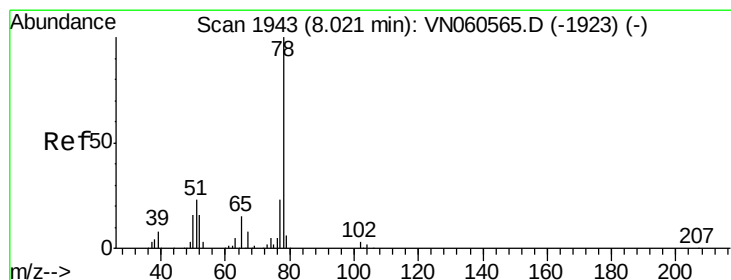
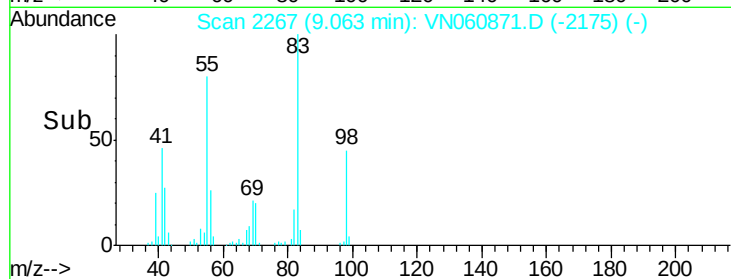
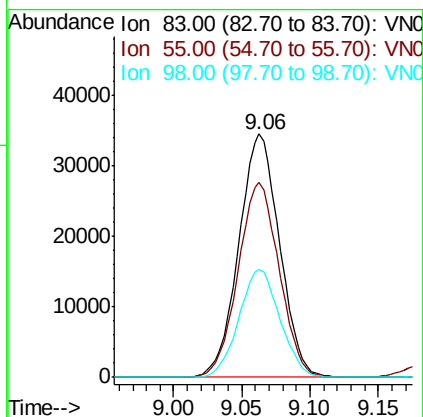
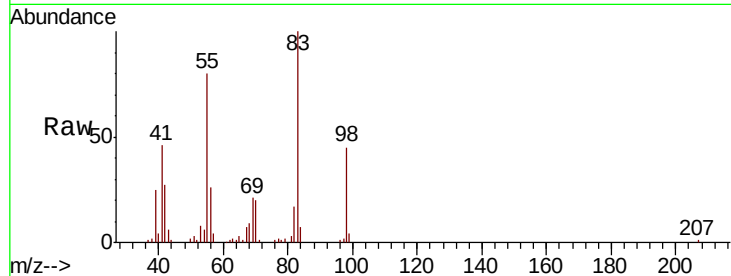




#39
Methylvlcyclohexane
Concen: 19.418 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

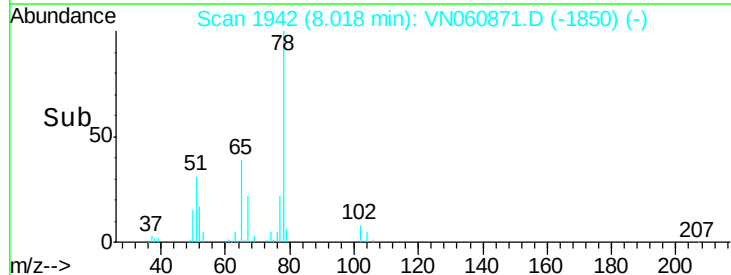
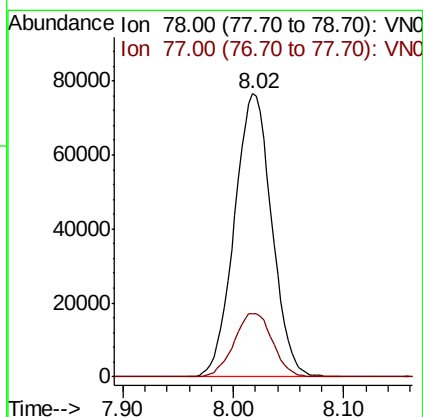
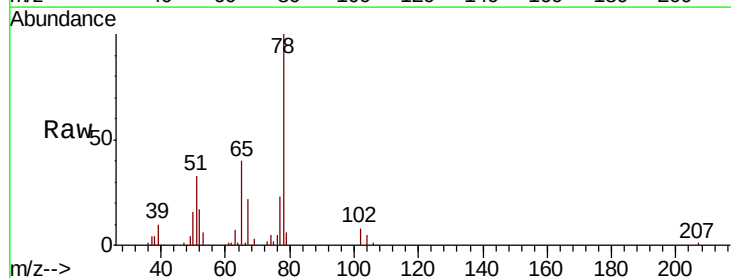
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

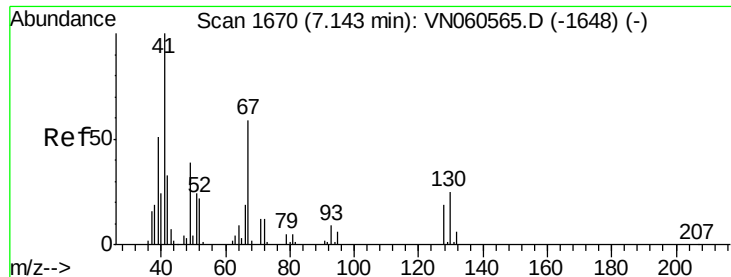
Tot Ion: 83 Resp: 71457
Ion Ratio Lower Upper
83 100
55 80.3 63.6 95.4
98 44.5 36.0 54.0



#40
Benzene
Concen: 19.201 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 78 Resp: 179485
Ion Ratio Lower Upper
78 100
77 22.5 18.6 28.0

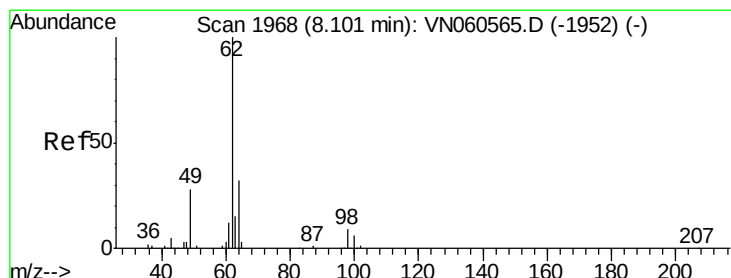
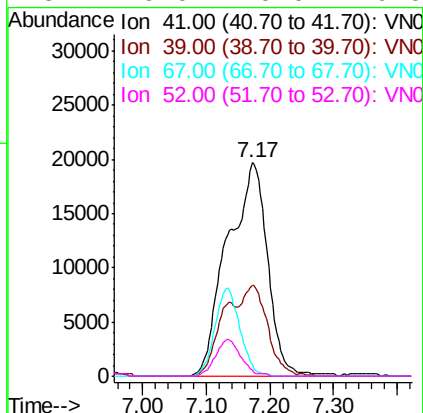
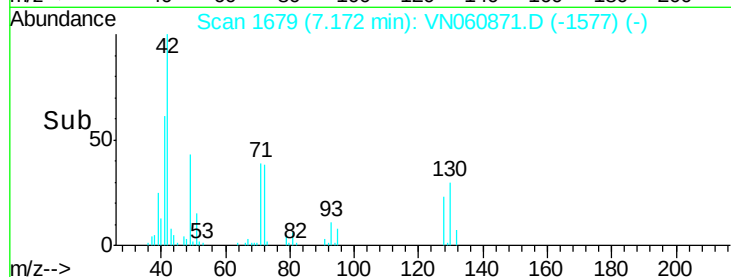
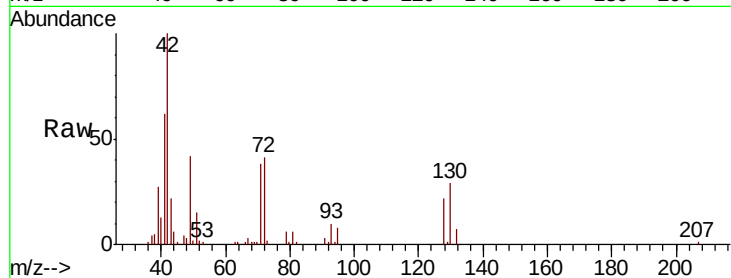




#41
Methacrylonitrile
Concen: 60.348 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.03 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

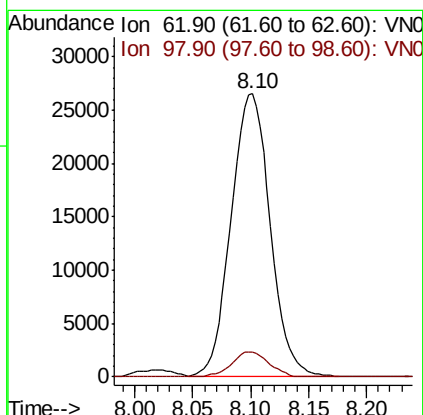
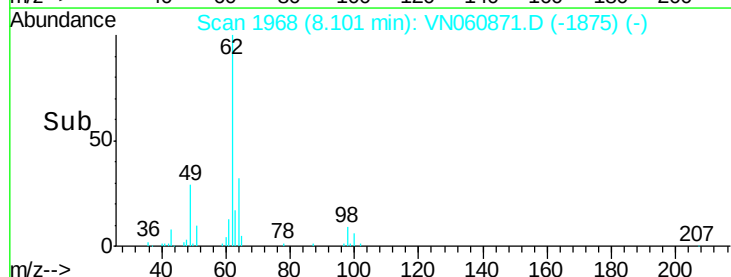
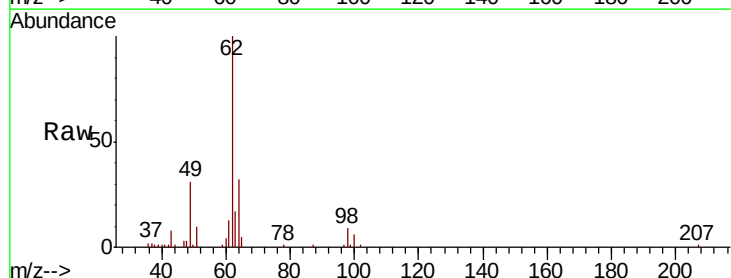
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

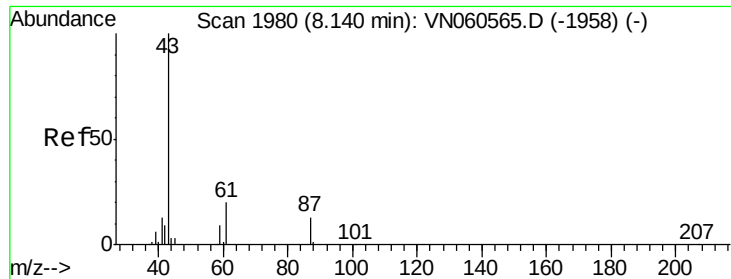
Tot Ion:	41	Resp:	86174
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.464 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:	62	Resp:	62182
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8





#43

Isopropyl Acetate

Concen: 18.398 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

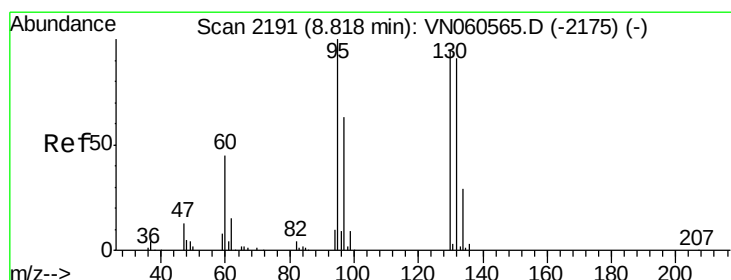
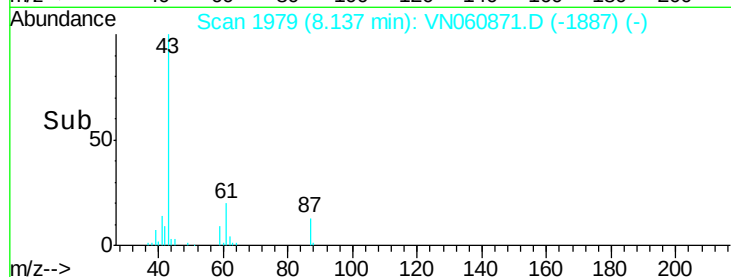
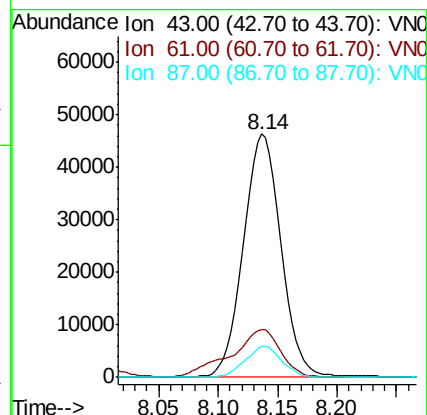
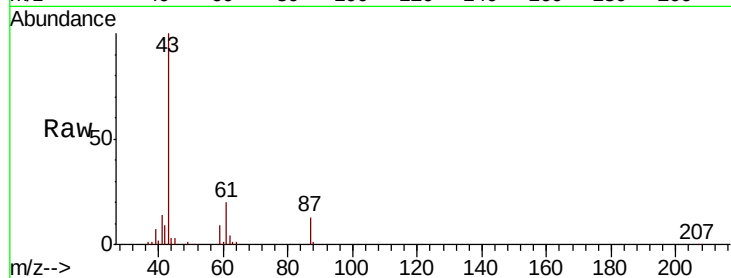
Tot Ion: 43 Resp: 101520

Ion Ratio Lower Upper

43 100

61 26.1 20.7 31.1

87 12.3 9.8 14.8



#44

Trichloroethene

Concen: 19.164 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060871.D

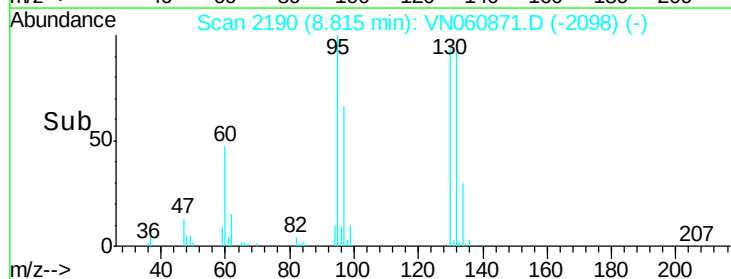
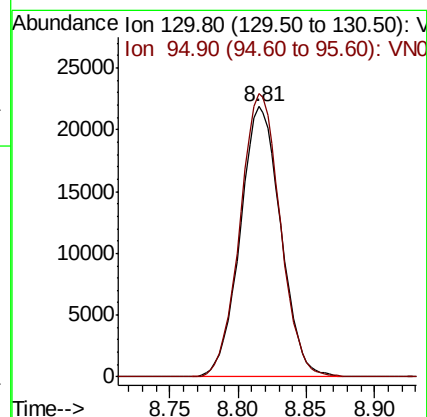
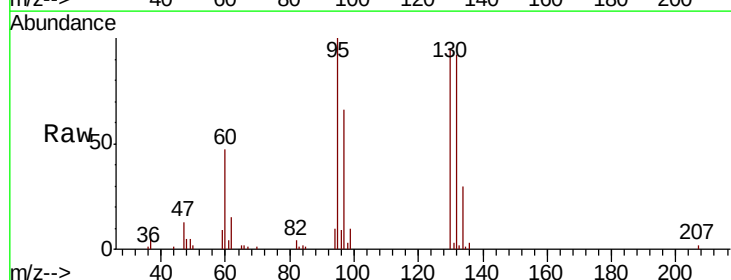
Acq: 7 Apr 2020 12:40

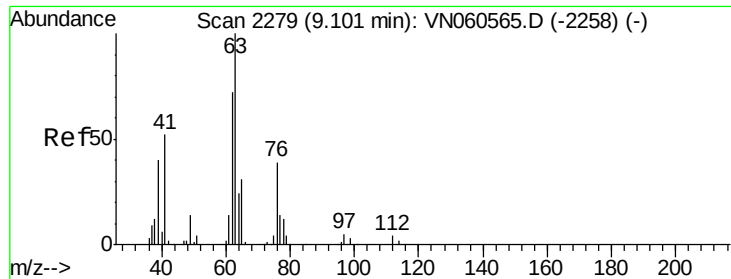
Tgt Ion:130 Resp: 45159

Ion Ratio Lower Upper

130 100

95 104.8 0.0 211.2

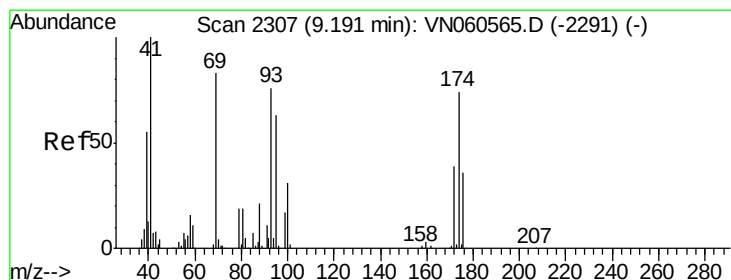
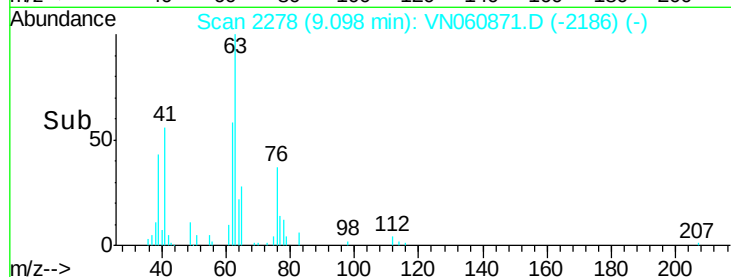
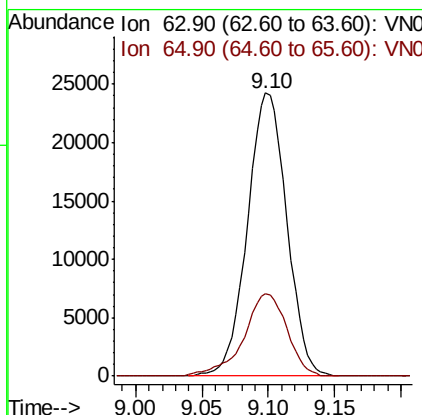
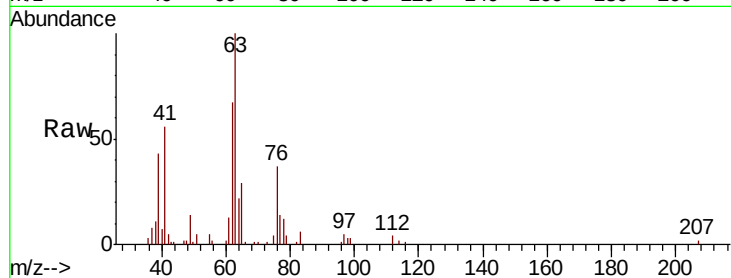




#45
 1,2-Dichloropropane
 Concen: 20.300 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

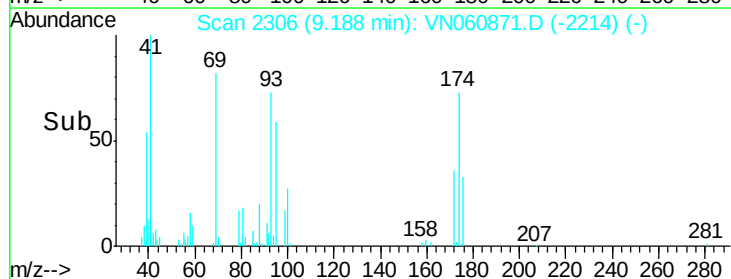
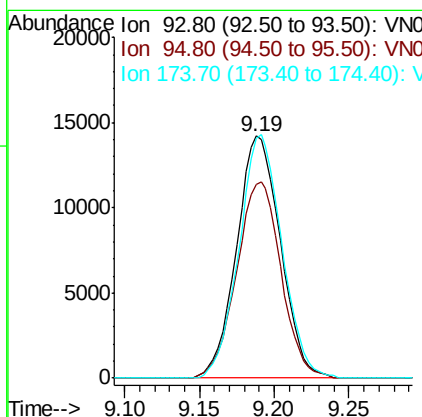
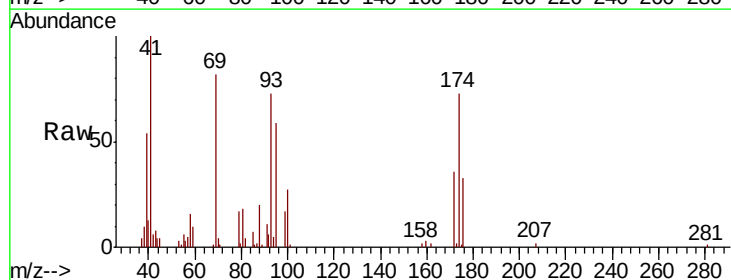
Instrument :
 MSVOA_N
 ClientSampled :
 VN0407WBS01

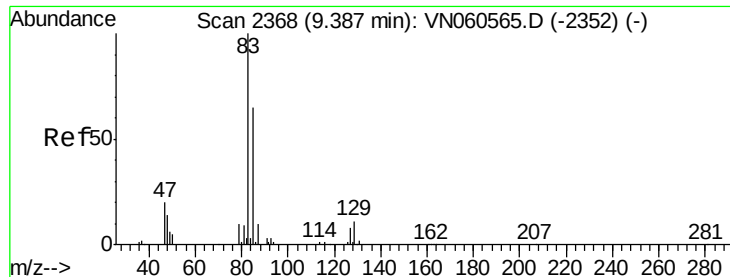
Tot Ion: 63 Resp: 50072
 Ion Ratio Lower Upper
 63 100
 65 29.2 25.4 38.0



#46
 Dibromomethane
 Concen: 19.403 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 93 Resp: 28934
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.2 99.4
 174 98.6 77.9 116.9





#47

Bromodichloromethane

Concen: 19.391 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

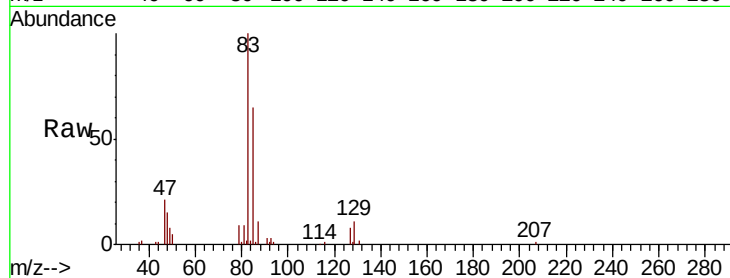
Tot Ion: 83 Resp: 60089

Ion Ratio Lower Upper

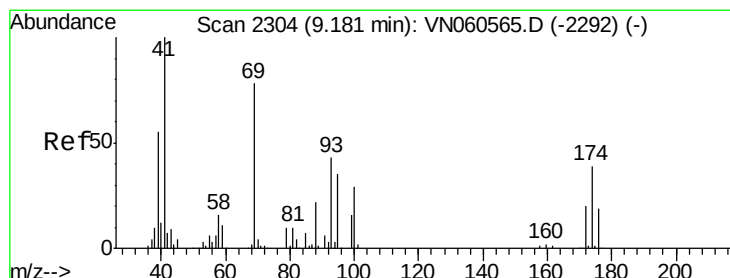
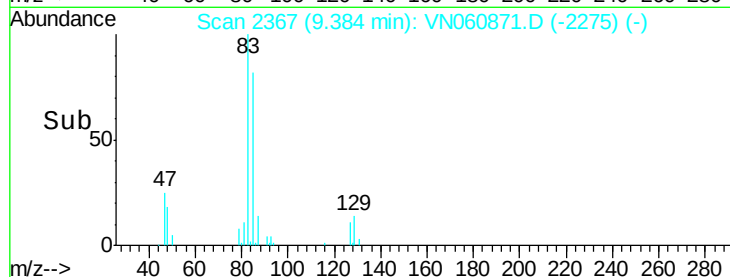
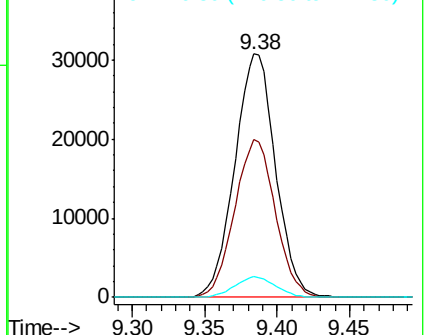
83 100

85 64.7 51.8 77.6

127 8.4 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 17.971 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

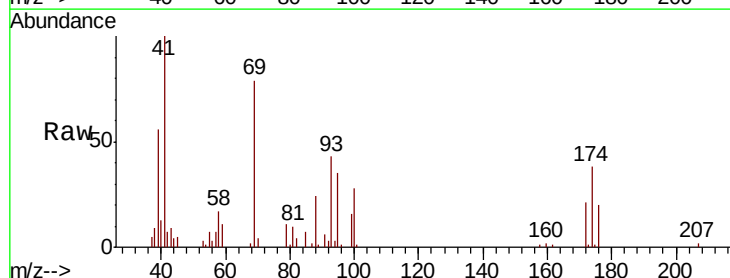
Tgt Ion: 41 Resp: 44151

Ion Ratio Lower Upper

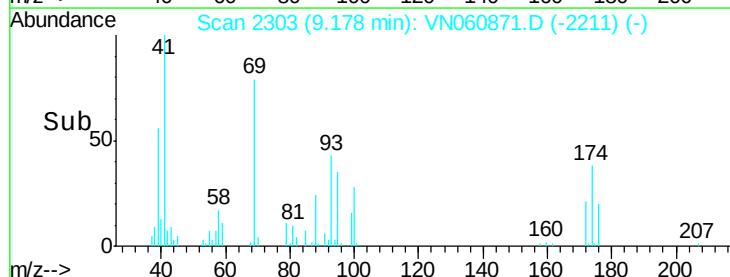
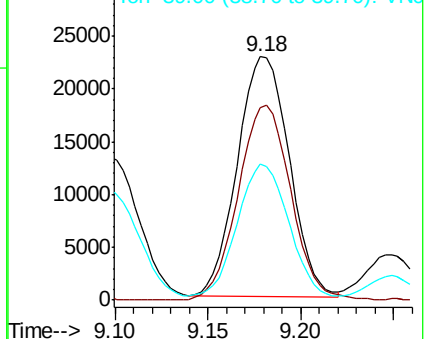
41 100

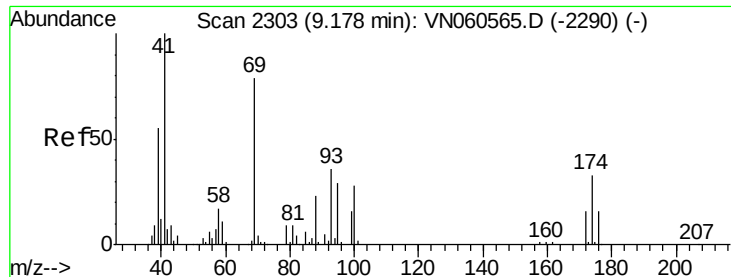
69 82.5 65.4 98.0

39 57.6 44.0 66.0



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

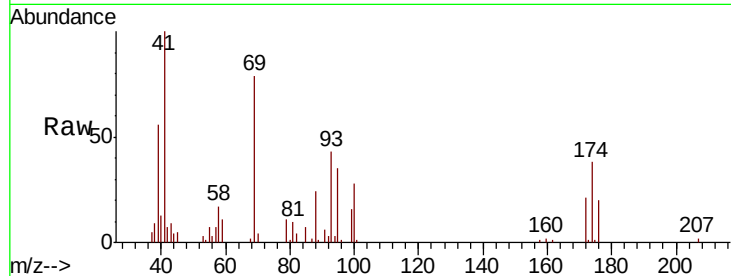




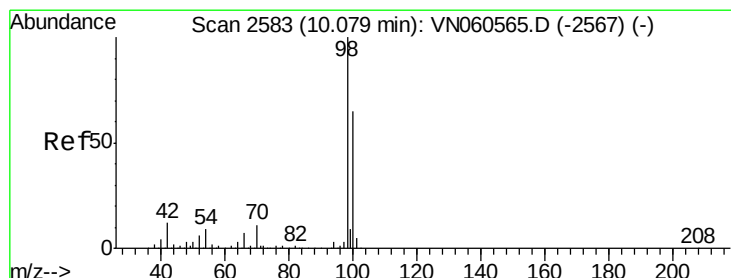
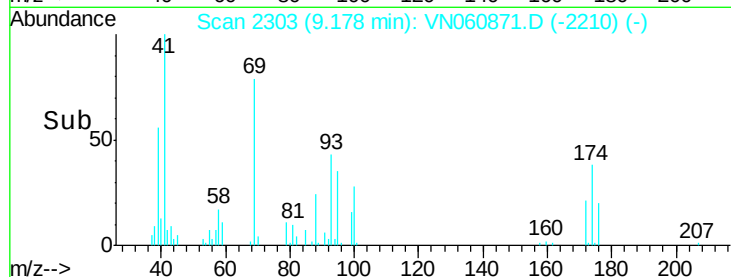
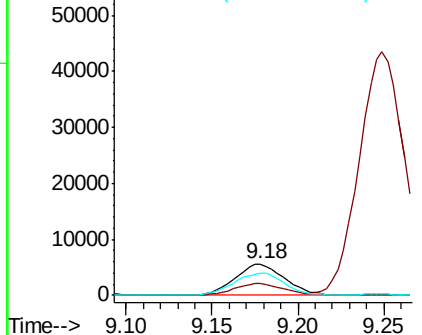
#49
 1,4-Dioxane
 Concen: 379.390 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

Tot Ion: 88 Resp: 11079
 Ion Ratio Lower Upper
 88 100
 43 38.2 30.8 46.2
 58 73.8 59.8 89.8

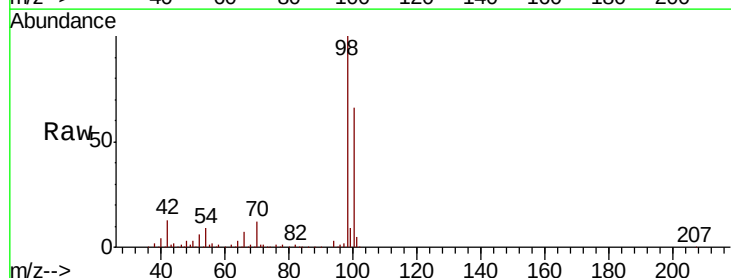


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

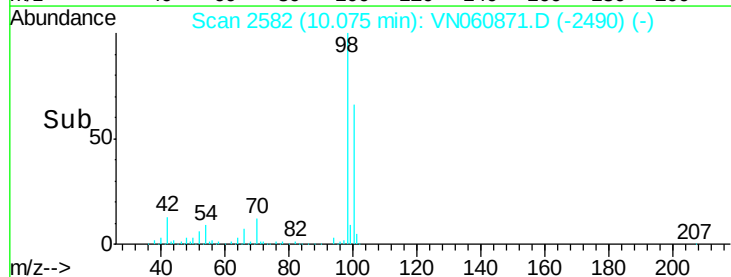
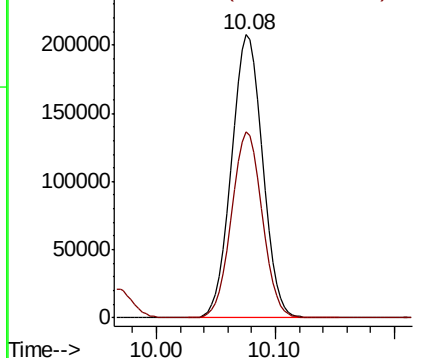


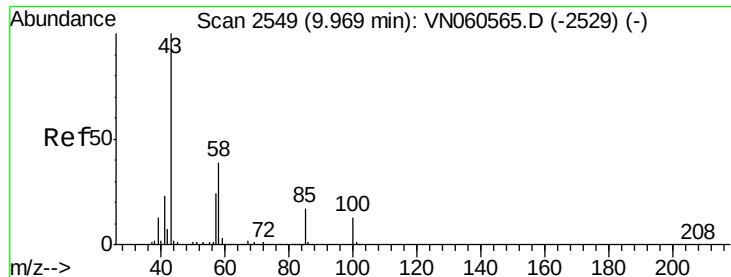
#50
 Toluene-d8
 Concen: 47.742 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 98 Resp: 377088
 Ion Ratio Lower Upper
 98 100
 100 65.0 51.8 77.8



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

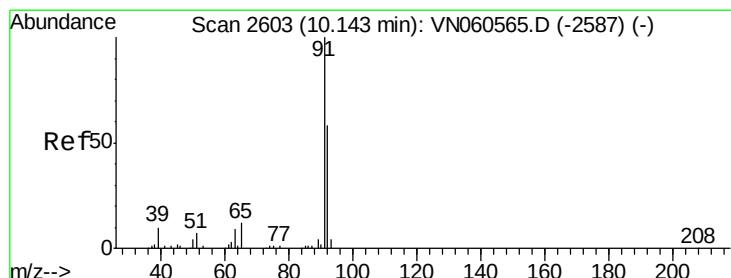
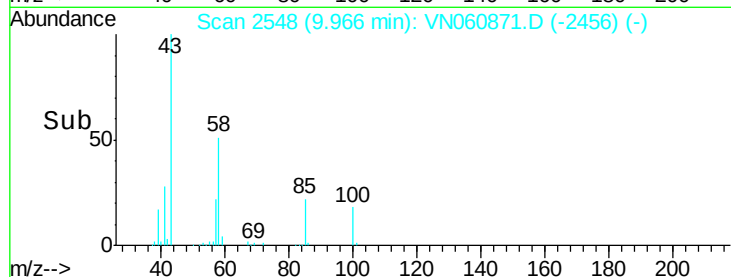
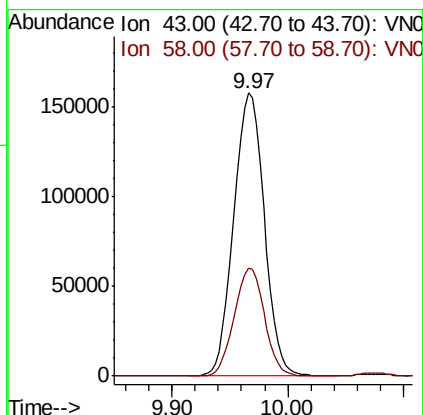
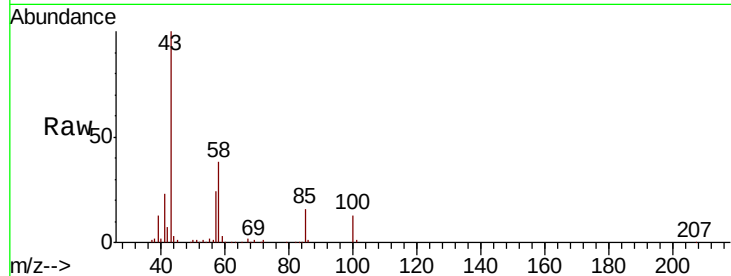




#51
 4-Methyl-2-Pentanone
 Concen: 91.870 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

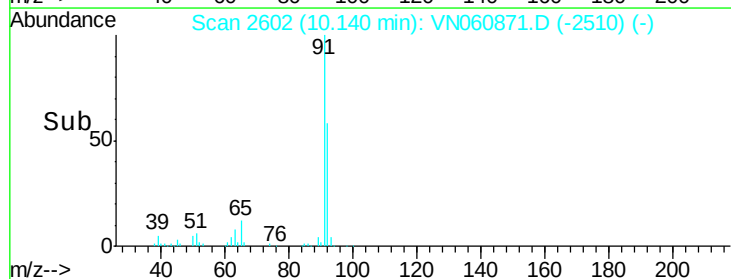
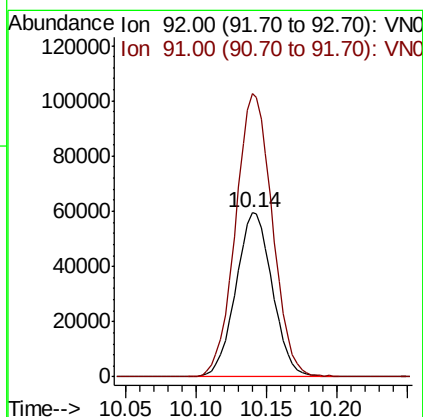
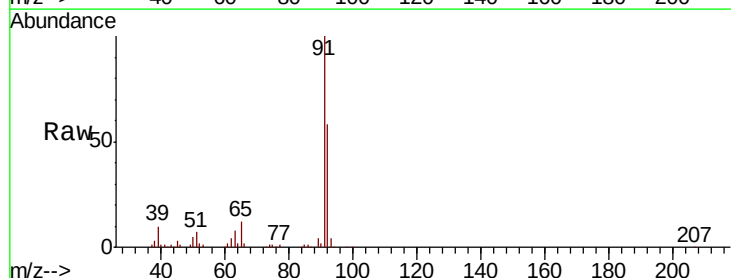
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

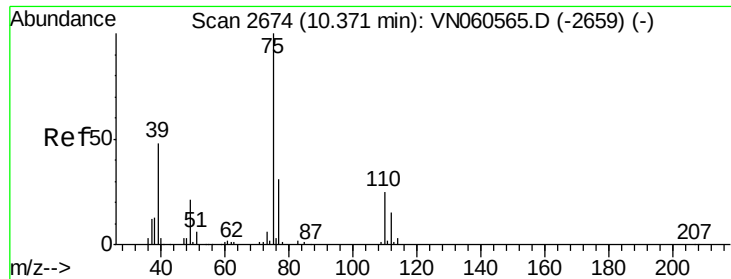
Tot Ion: 43 Resp: 288475
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.8 46.2



#52
 Toluene
 Concen: 19.088 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 92 Resp: 107761
 Ion Ratio Lower Upper
 92 100
 91 174.0 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.648 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

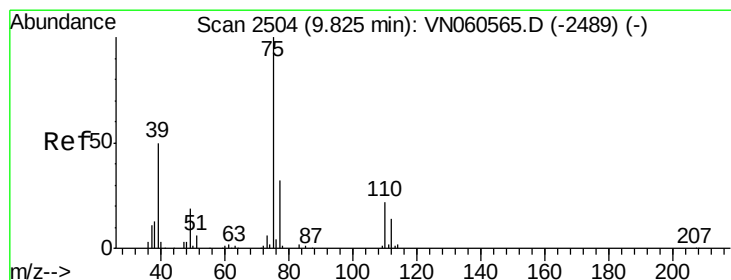
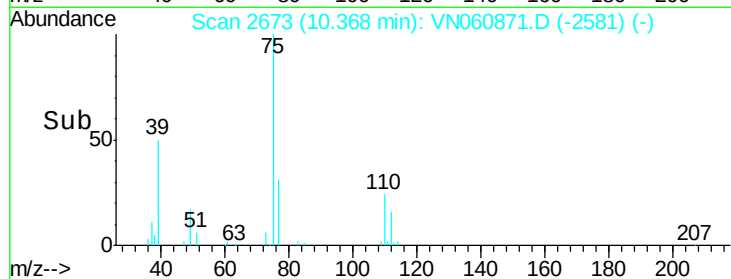
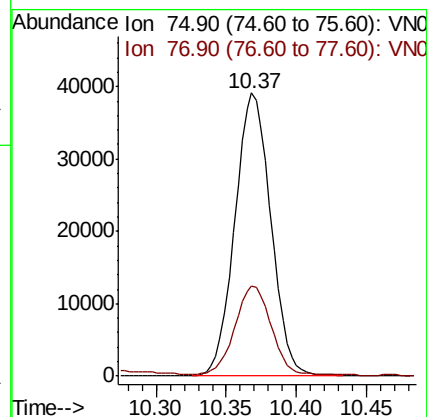
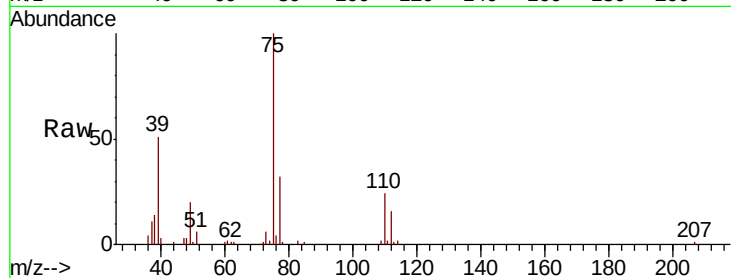
VN0407WBS01

Tot Ion: 75 Resp: 69935

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 19.499 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

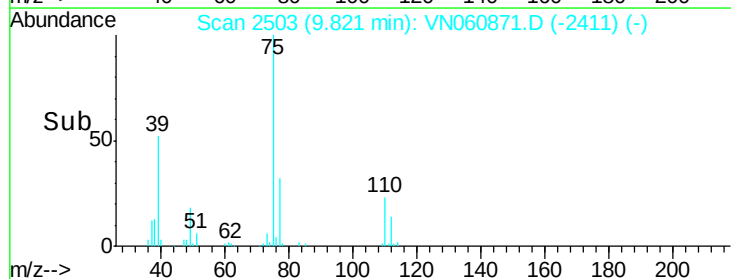
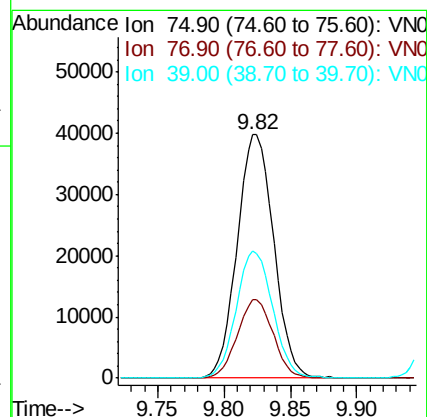
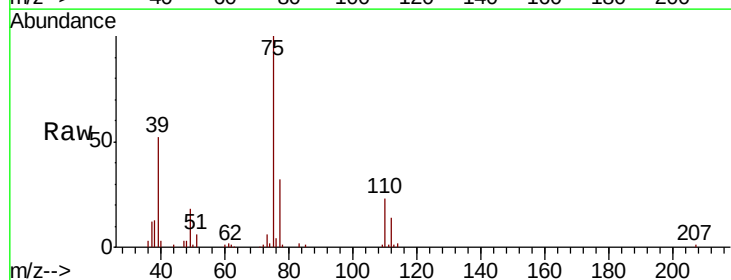
Tgt Ion: 75 Resp: 76142

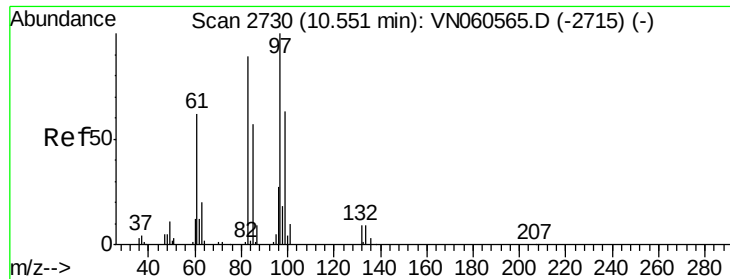
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 52.3 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 19.268 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

VN0407WBS01

Tot Ion: 97 Resp: 41847

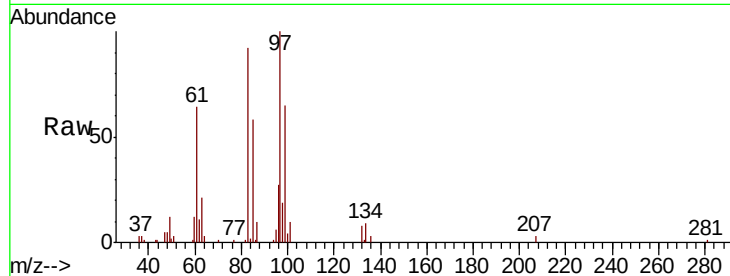
Ion Ratio Lower Upper

97 100

83 91.7 71.3 106.9

85 57.8 45.2 67.8

99 64.5 50.1 75.1

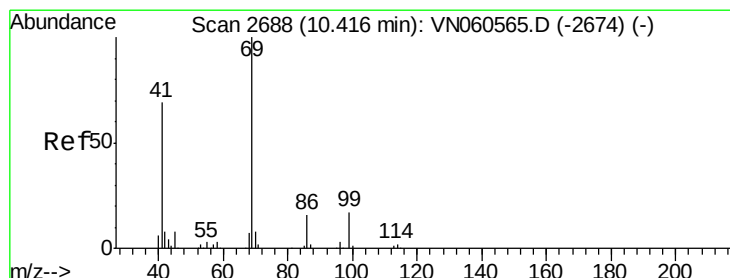
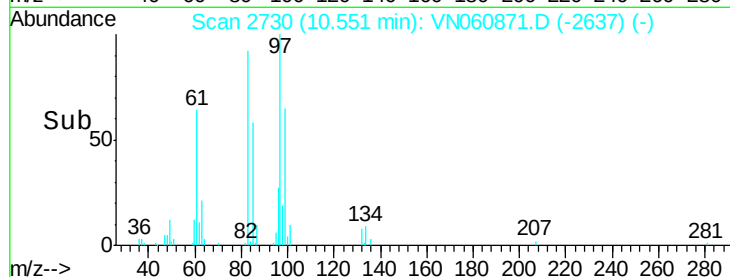
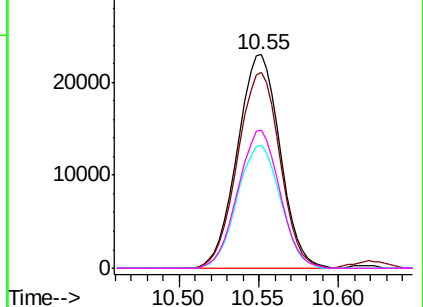


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.444 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

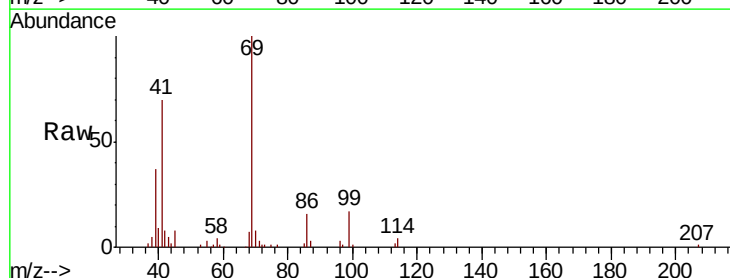
Tgt Ion: 69 Resp: 62460

Ion Ratio Lower Upper

69 100

41 70.8 55.4 83.2

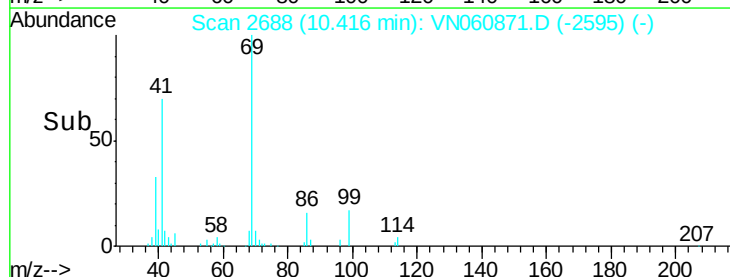
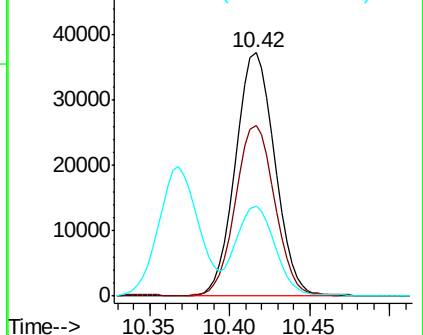
39 37.6 29.4 44.0

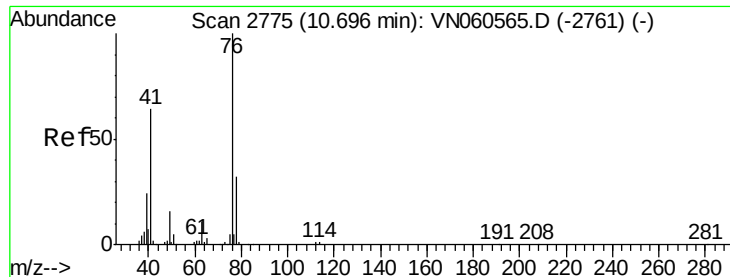


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

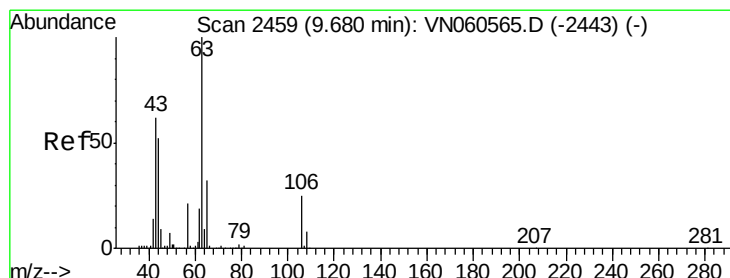
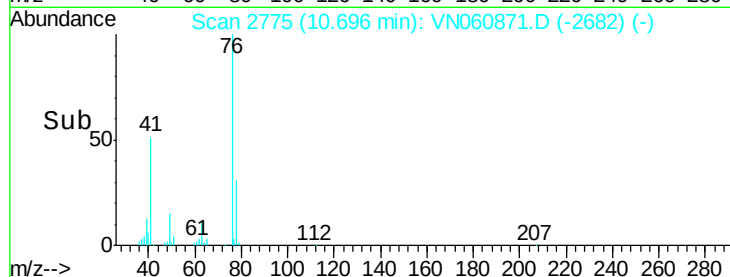
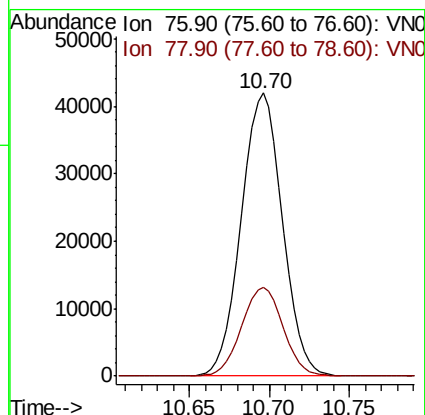
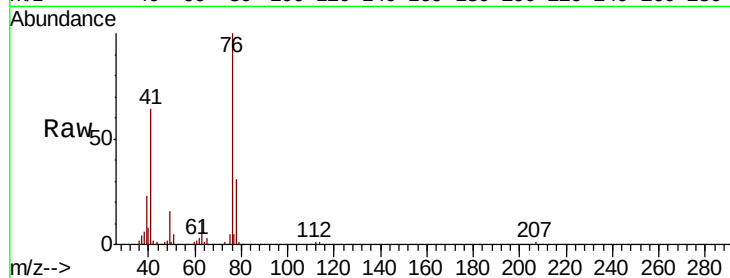
VN0407WBS01

Tot Ion: 76 Resp: 73561

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.312 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060871.D

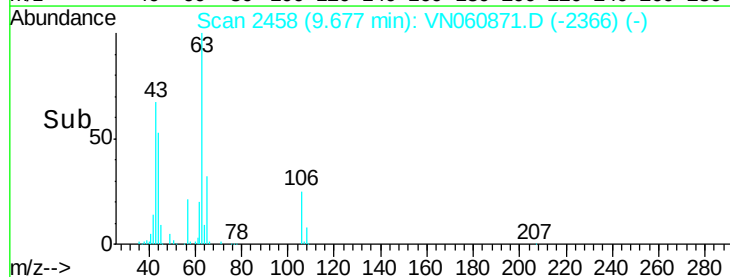
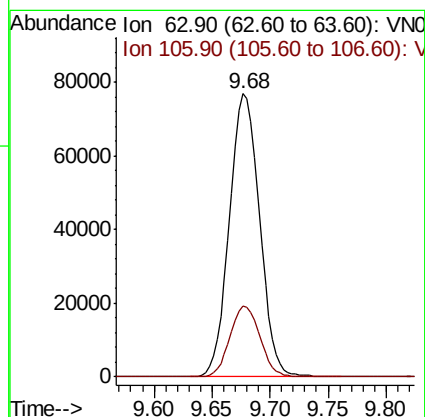
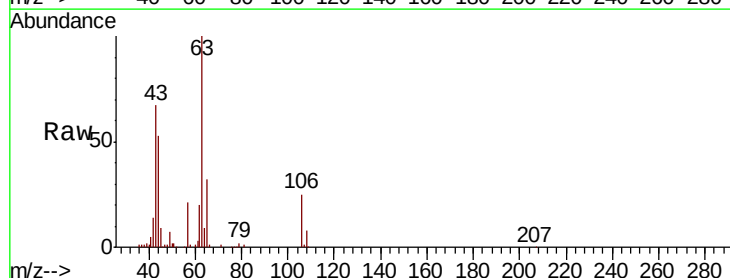
Acq: 7 Apr 2020 12:40

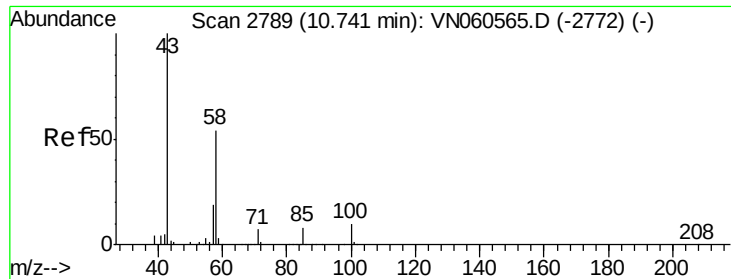
Tgt Ion: 63 Resp: 138541

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0

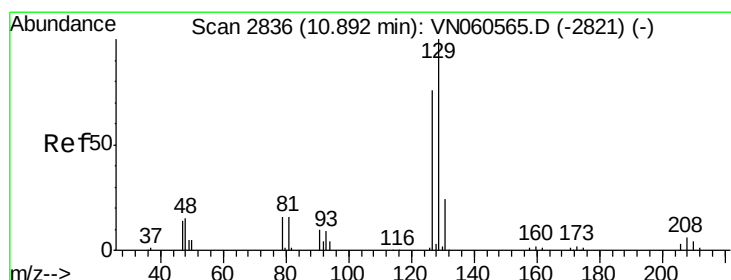
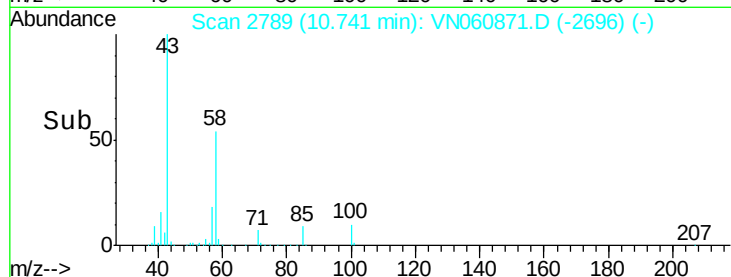
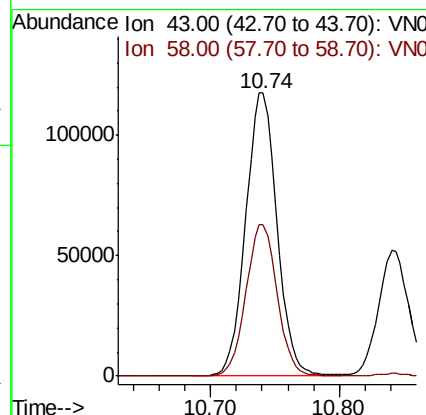
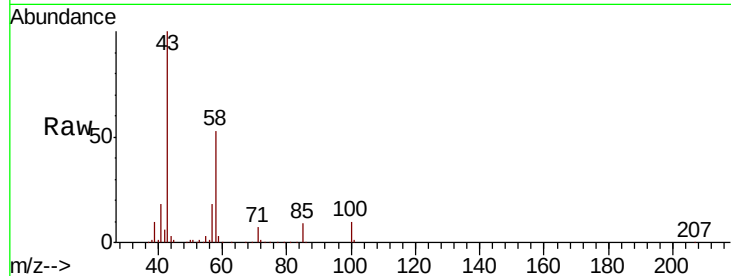




#59
2-Hexanone
Concen: 88.062 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

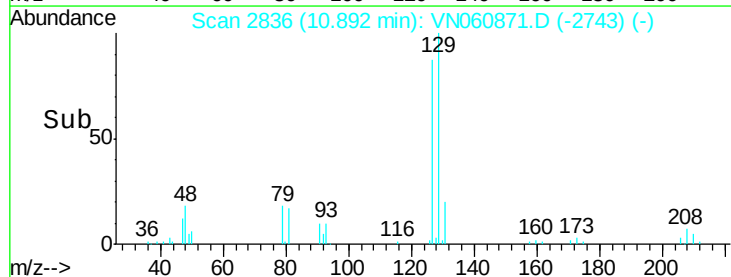
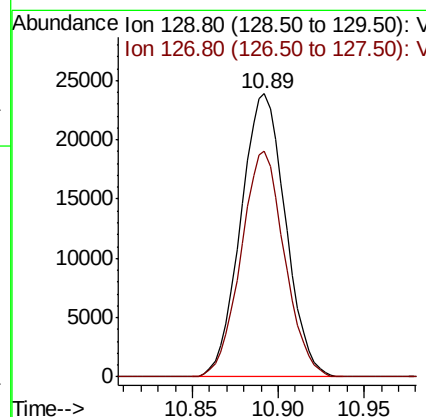
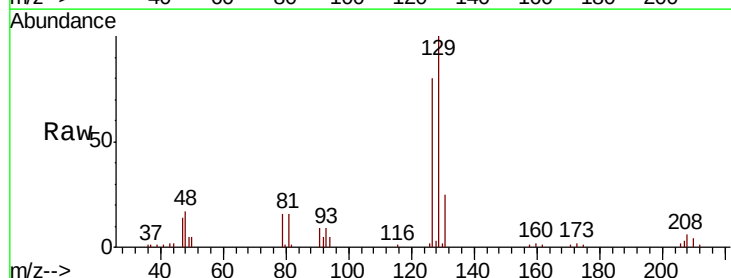
Instrument :
MSVOA_N
ClientSampled :
VN0407WBS01

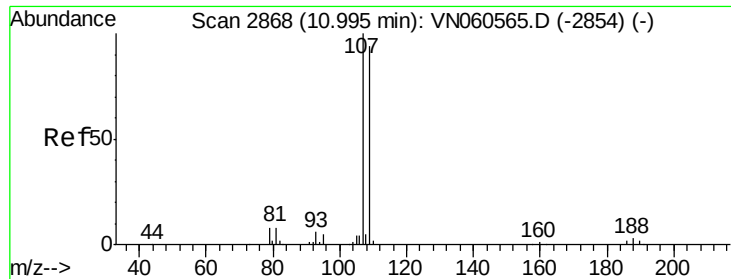
Tot Ion: 43 Resp: 199191
Ion Ratio Lower Upper
43 100
58 53.5 26.7 80.1



#60
Dibromochloromethane
Concen: 19.161 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 129 Resp: 42986
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

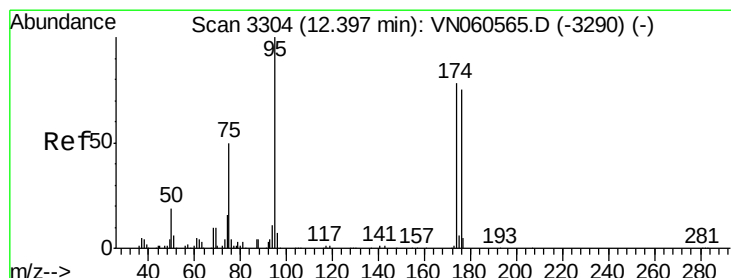
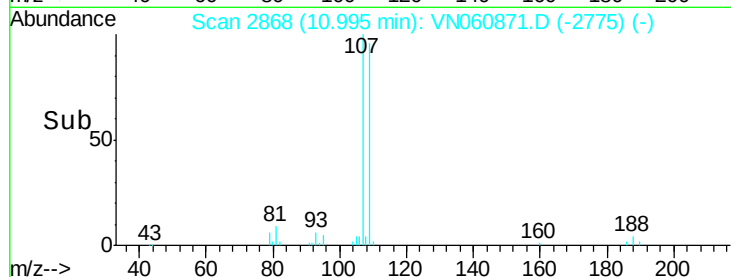
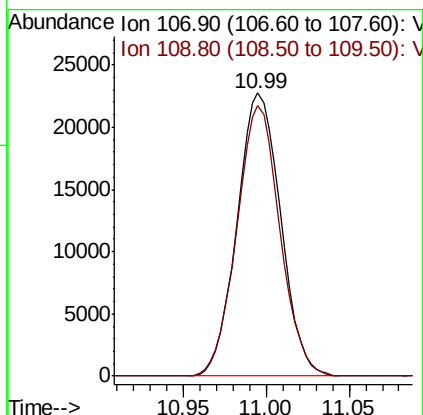
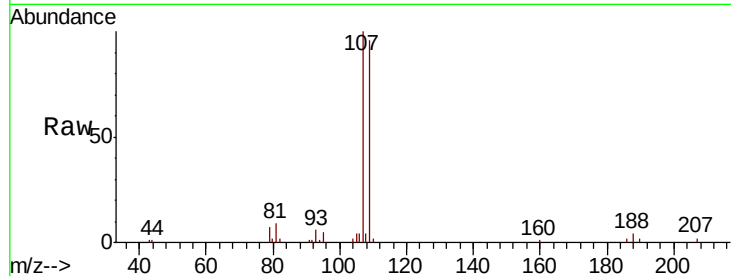




#61
 1,2-Dibromoethane
 Concen: 19.027 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

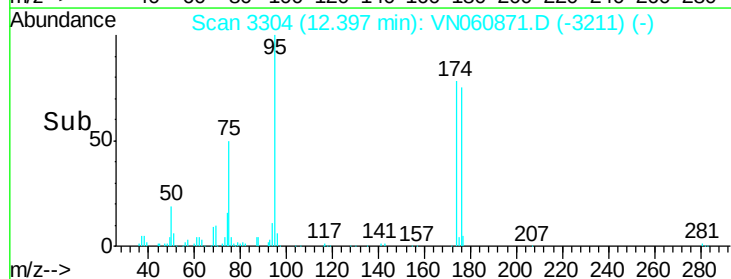
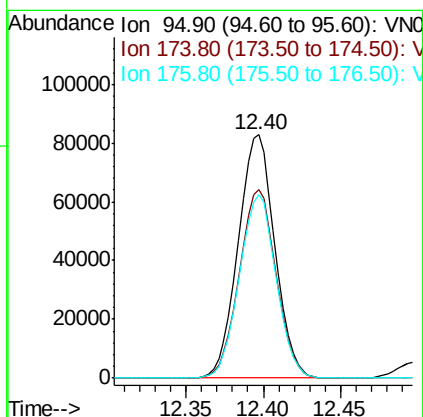
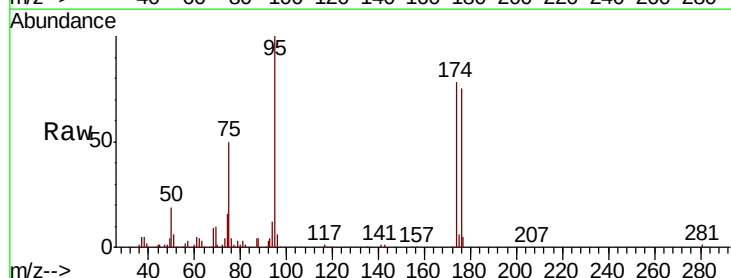
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

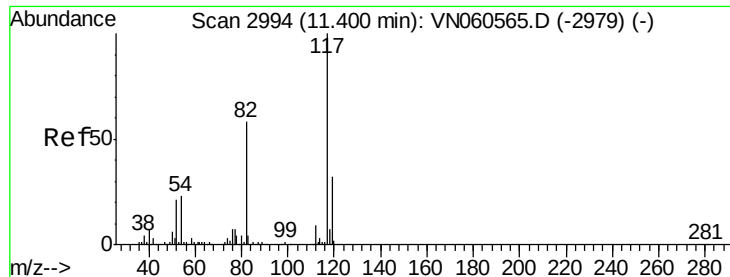
Tot Ion:107 Resp: 41555
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 47.158 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 95 Resp: 136507
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 157.6
 176 75.7 0.0 150.6

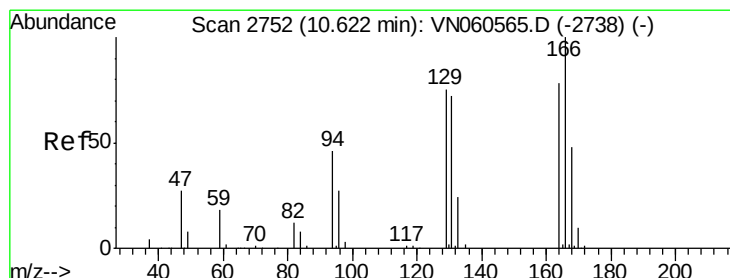
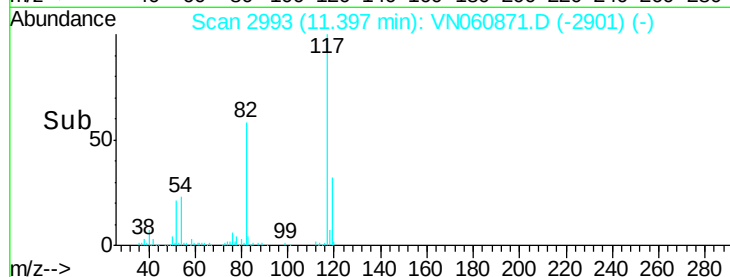
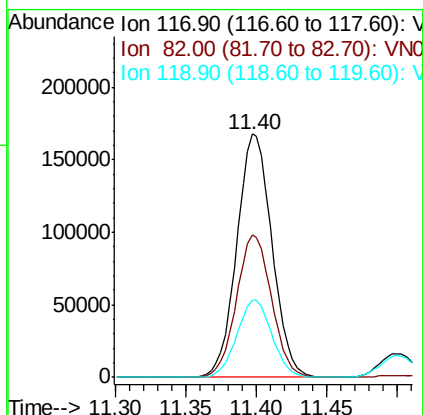
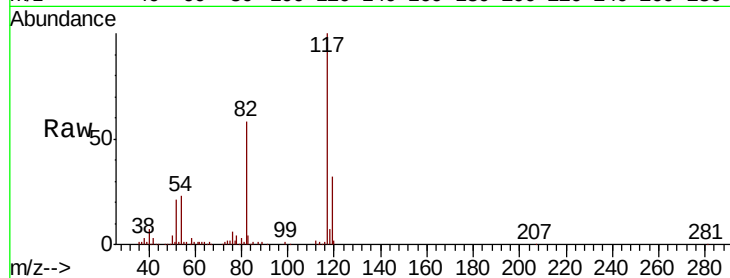




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

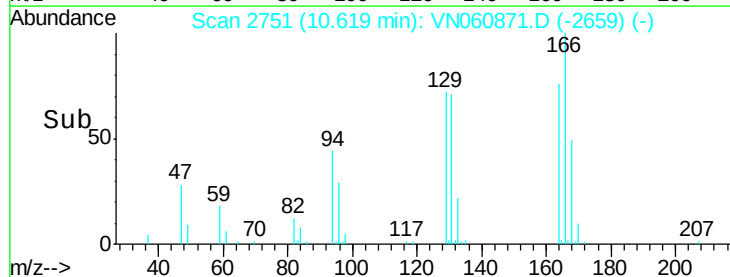
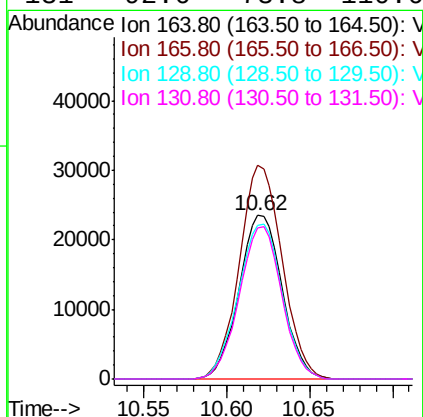
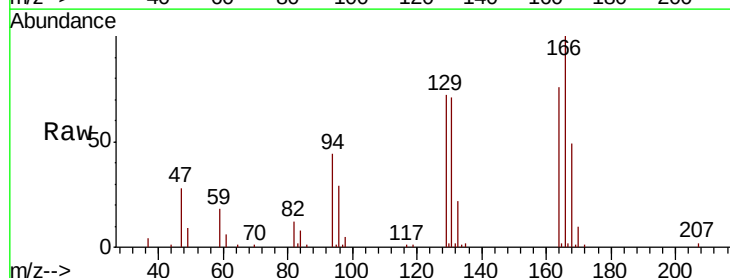
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

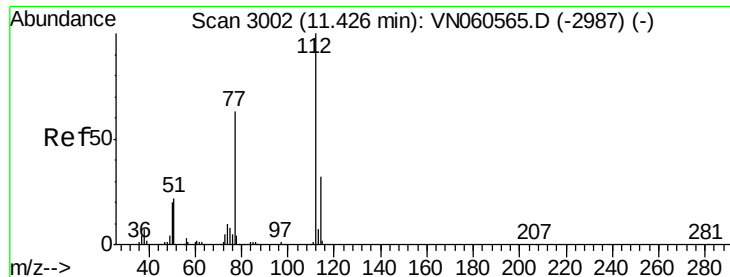
Tot Ion:117 Resp: 293253
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 18.401 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:164 Resp: 42464
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 94.3 77.2 115.8
131 92.6 73.8 110.6

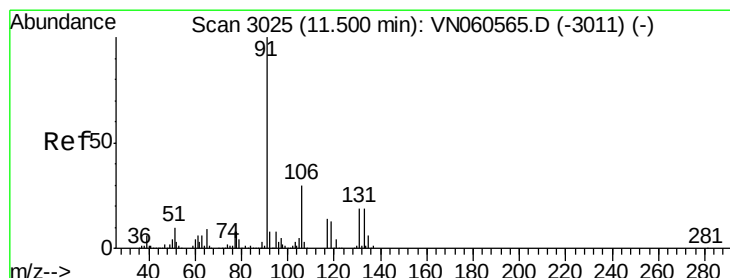
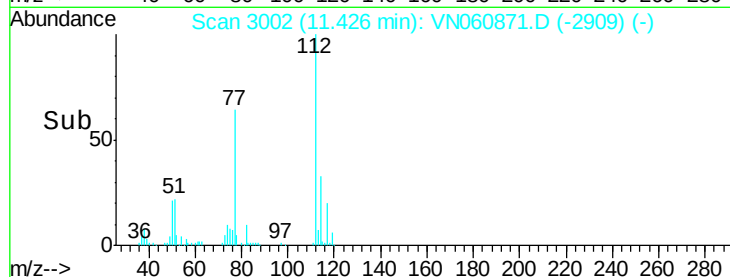
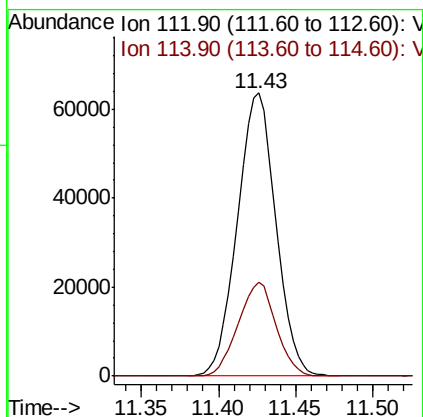
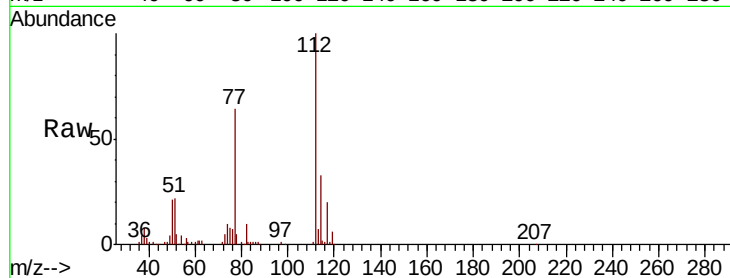




#65
Chlorobenzene
Concen: 18.955 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

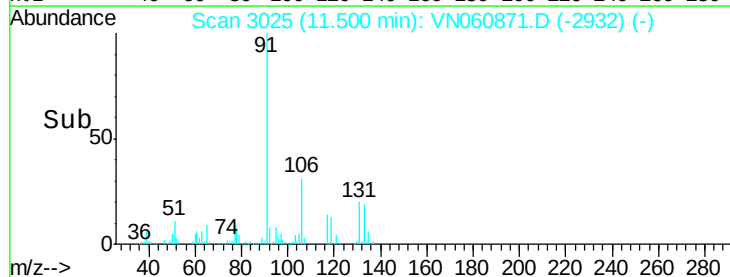
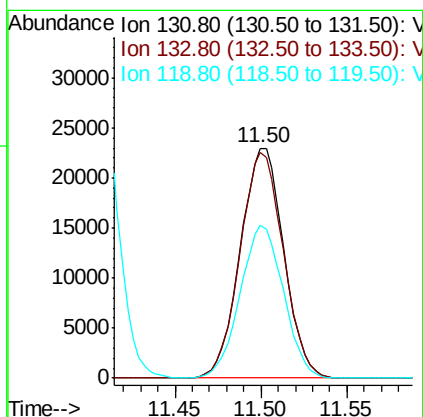
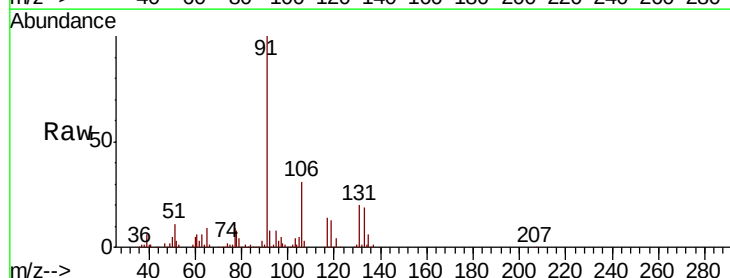
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

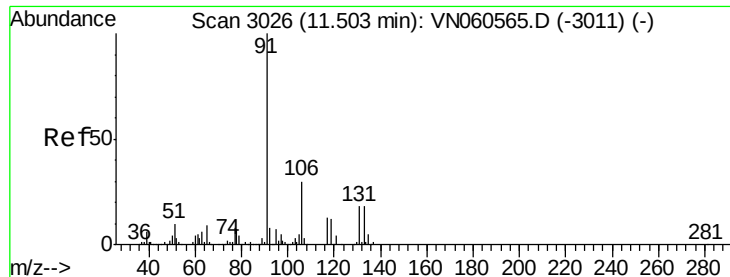
Tot Ion:112 Resp: 110192
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.190 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:131 Resp: 40392
Ion Ratio Lower Upper
131 100
133 98.0 48.9 146.8
119 66.3 33.9 101.7





#67

Ethyl Benzene

Concen: 19.146 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

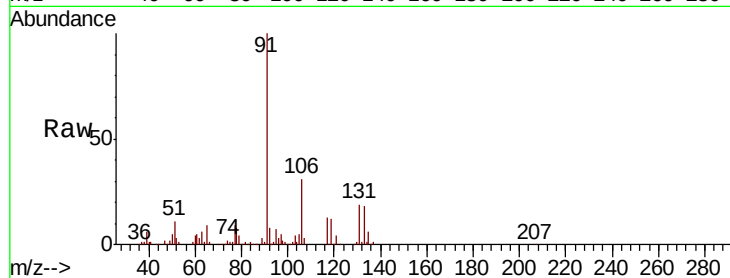
VN0407WBS01

Tot Ion: 91 Resp: 206993

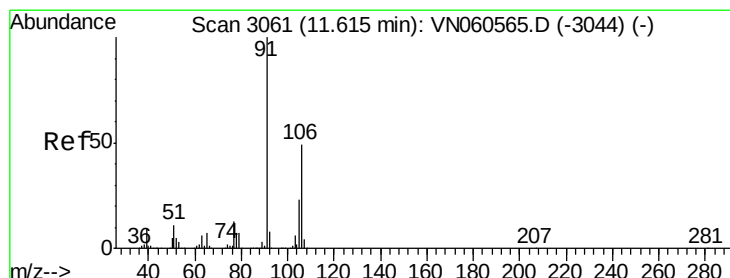
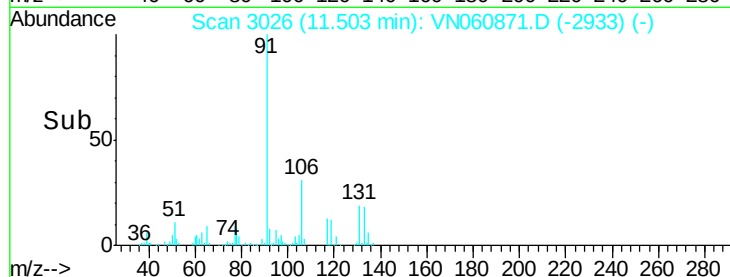
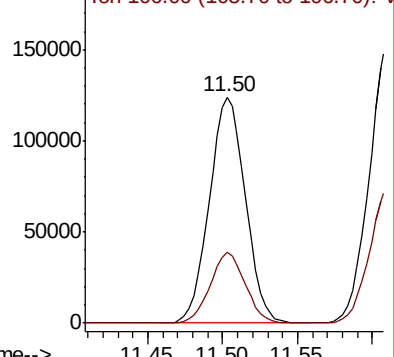
Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060871.D (-2933) (-)



#68

m/p-Xylenes

Concen: 38.419 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060871.D

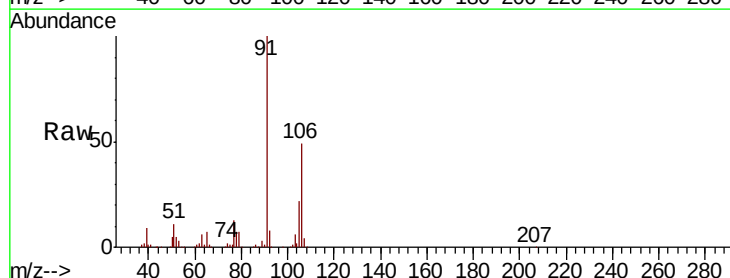
Acq: 7 Apr 2020 12:40

Tgt Ion: 106 Resp: 154344

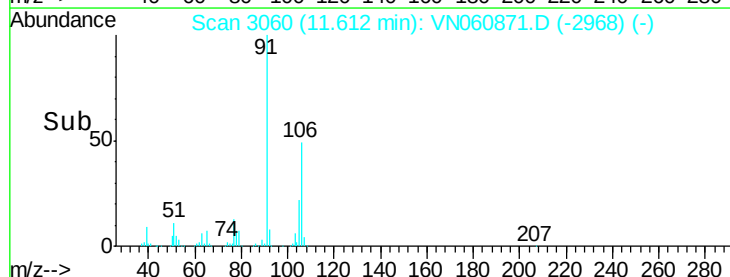
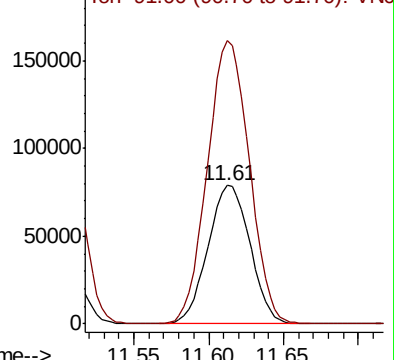
Ion Ratio Lower Upper

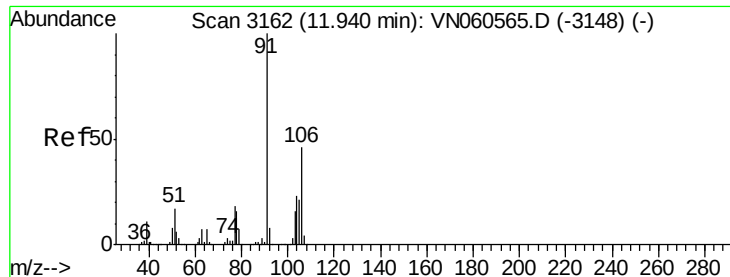
106 100

91 204.6 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060871.D (-2968) (-)

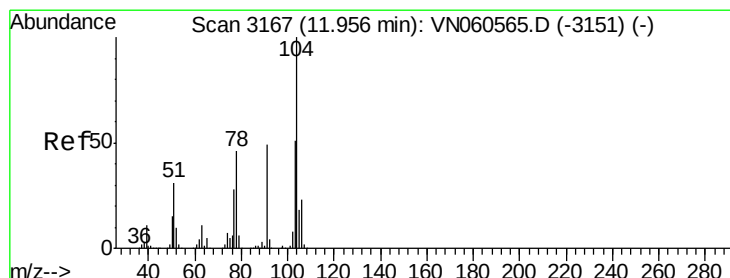
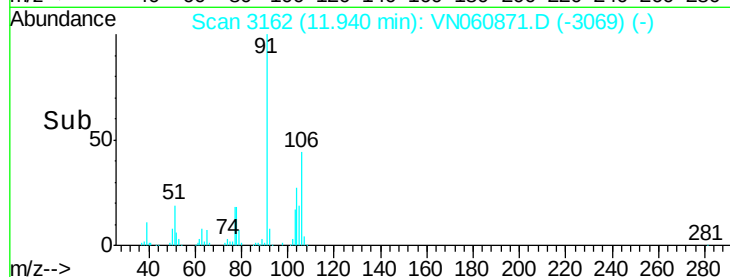
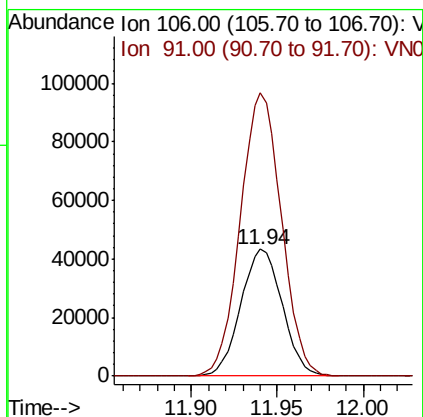
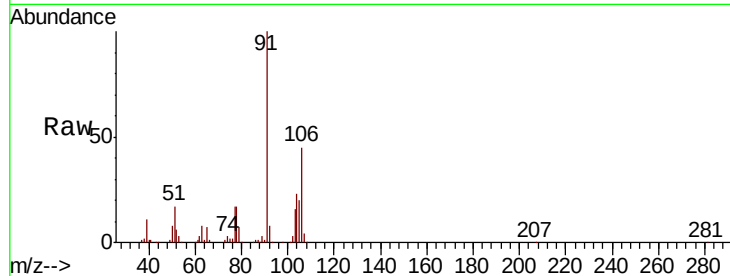




#69
o-Xylene
Concen: 18.947 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

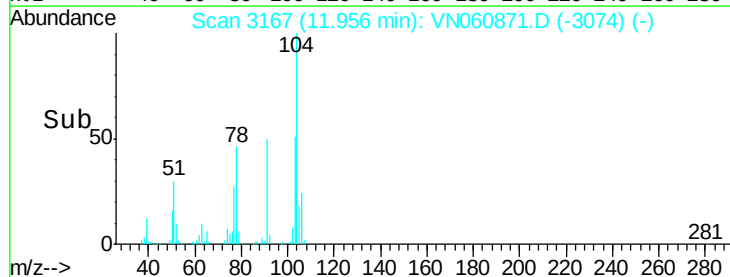
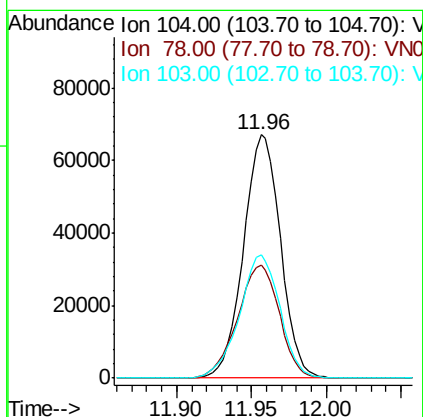
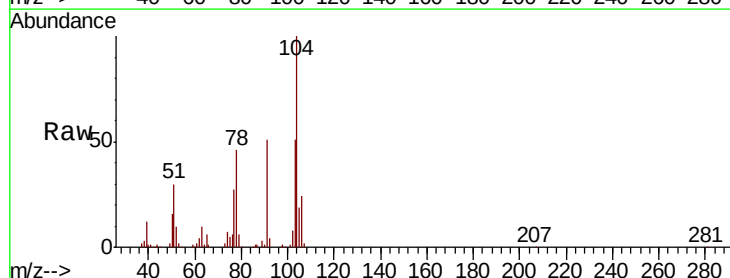
Instrument :
MSVOA_N
ClientSampled :
VN0407WBS01

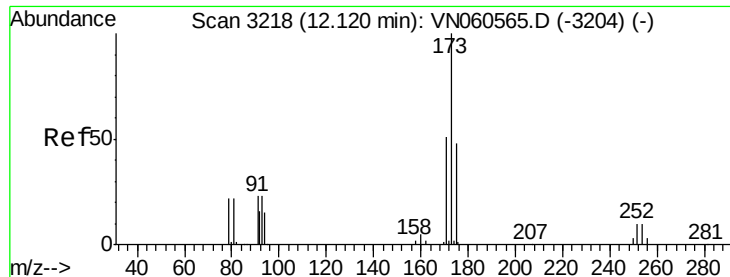
Tot Ion:106 Resp: 72664
Ion Ratio Lower Upper
106 100
91 221.0 109.5 328.4



#70
Styrene
Concen: 18.419 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:104 Resp: 115528
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 55.4 44.0 66.0

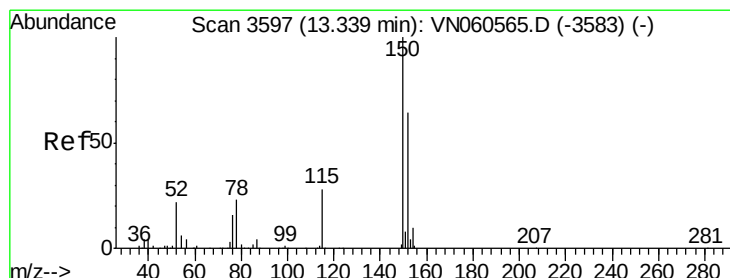
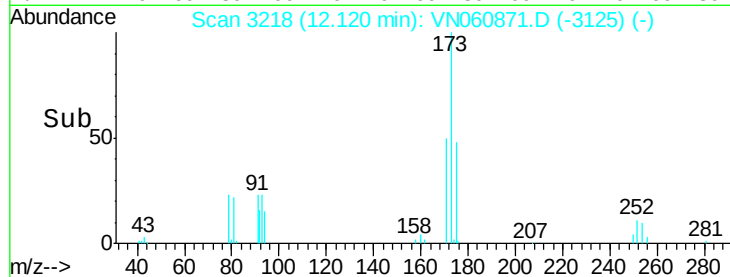
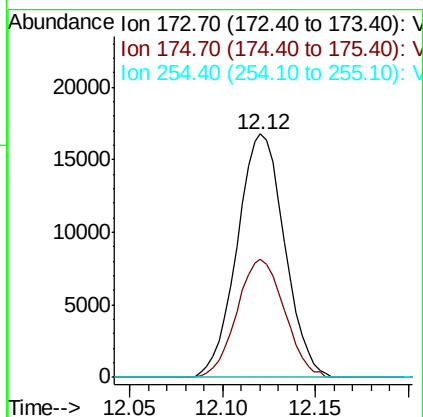
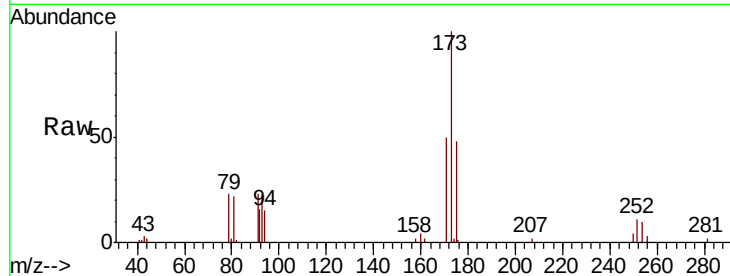




#71
Bromoform
Concen: 18.127 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

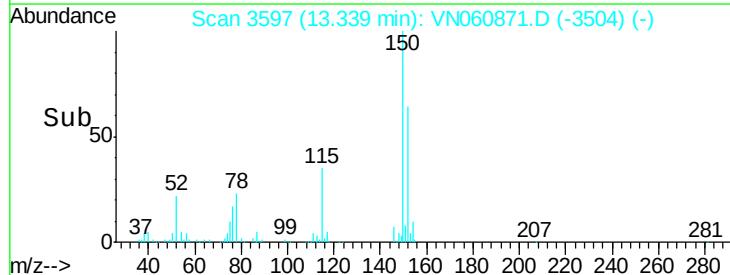
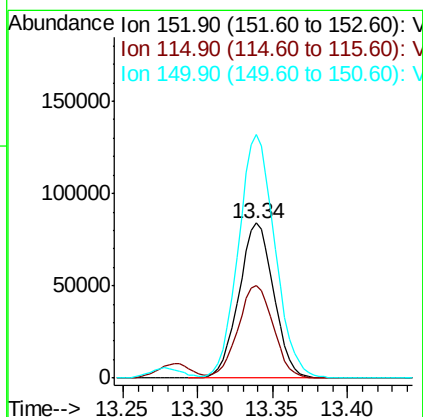
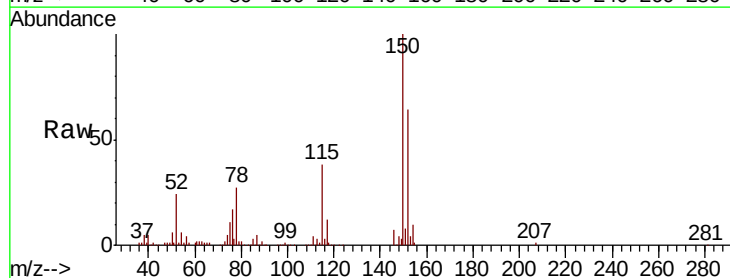
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

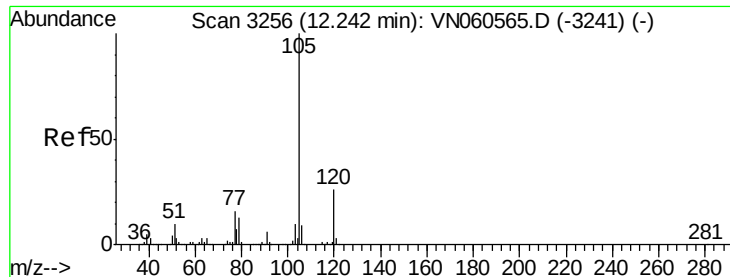
Tot Ion:173 Resp: 29772
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:152 Resp: 136462
Ion Ratio Lower Upper
152 100
115 60.1 30.2 90.6
150 164.1 0.0 350.2





#73

Isopropylbenzene

Concen: 19.205 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

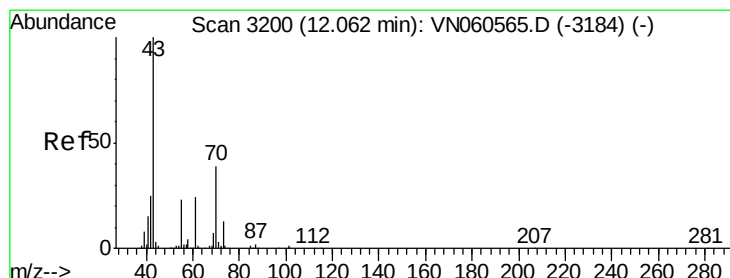
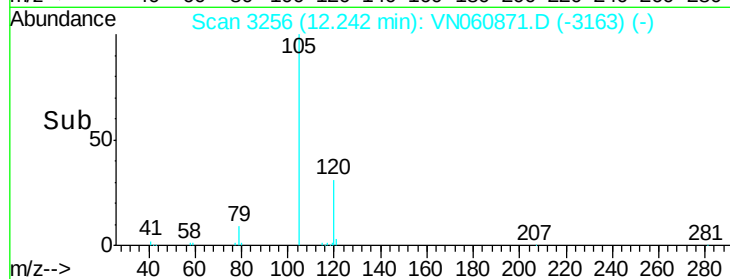
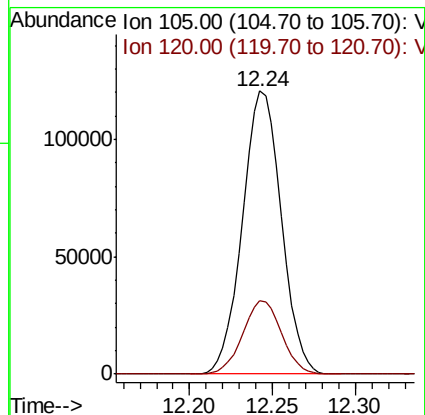
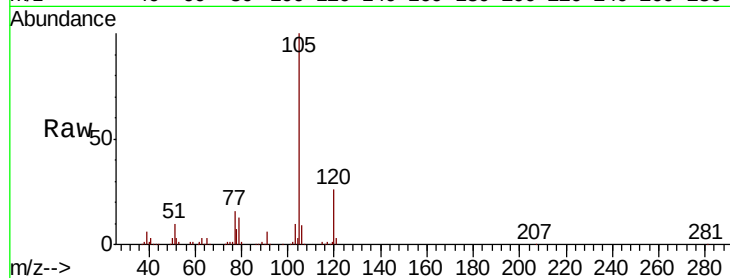
VN0407WBS01

Tot Ion:105 Resp: 196679

Ion Ratio Lower Upper

105 100

120 25.8 13.1 39.1



#74

N-ethyl acetate

Concen: 17.782 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Tgt Ion: 43 Resp: 84147

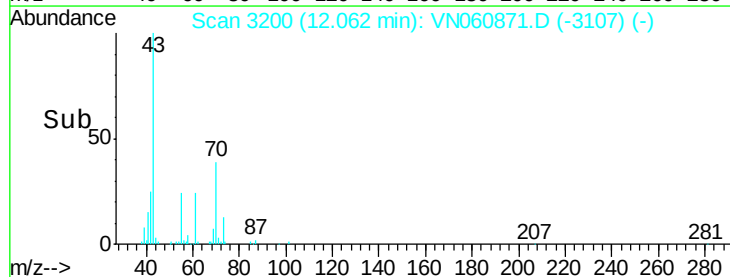
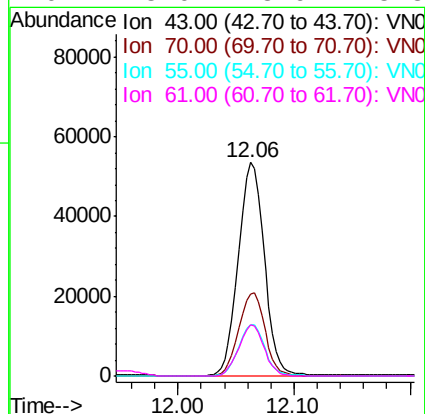
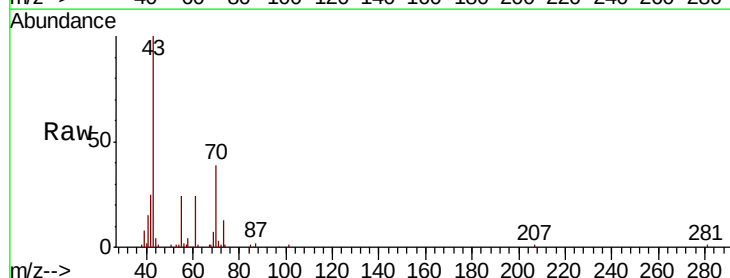
Ion Ratio Lower Upper

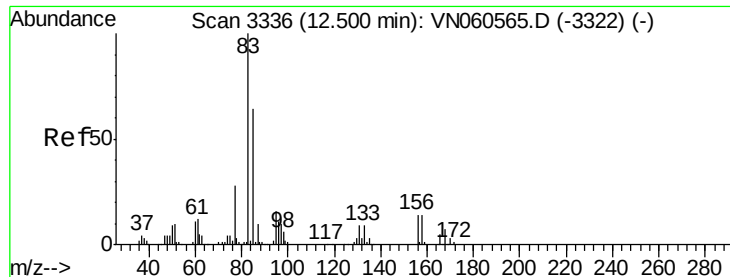
43 100

70 38.9 31.1 46.7

55 24.0 18.6 27.8

61 23.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.580 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

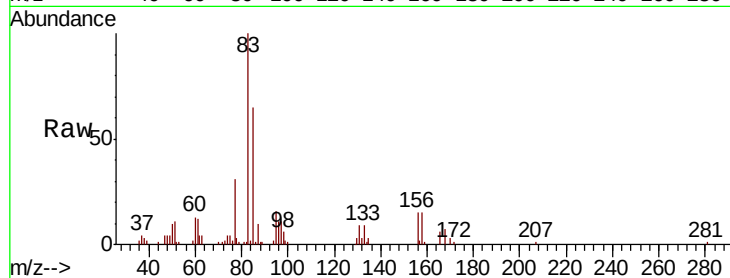
Tot Ion: 83 Resp: 57542

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

85 65.2 32.5 97.4

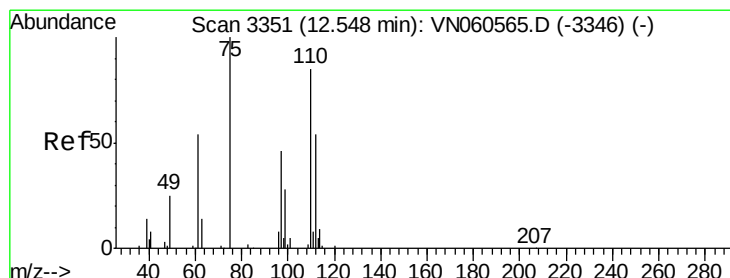
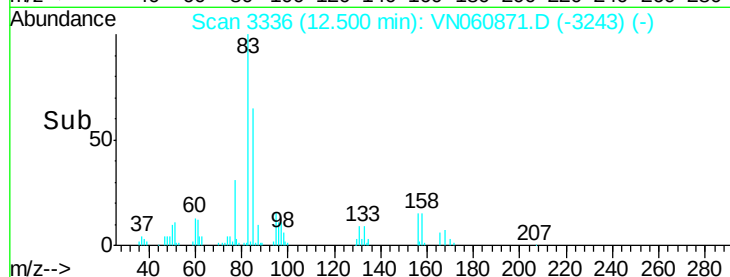


Abundance Ion 82.90 (82.60 to 83.60): VN060871.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060871.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060871.D (-3243) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 26.109 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060871.D

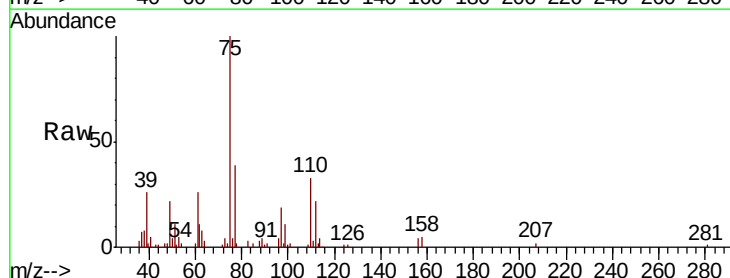
Acq: 7 Apr 2020 12:40

Tgt Ion: 75 Resp: 76879

Ion Ratio Lower Upper

75 100

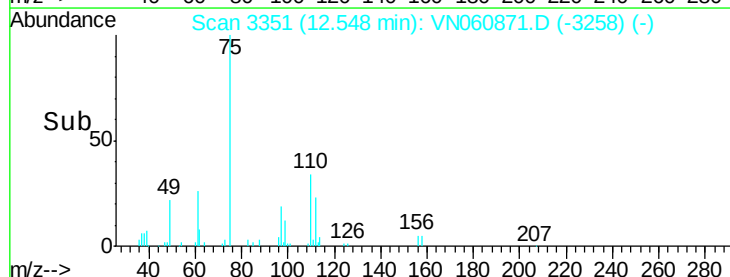
77 0.0 0.0 0.0

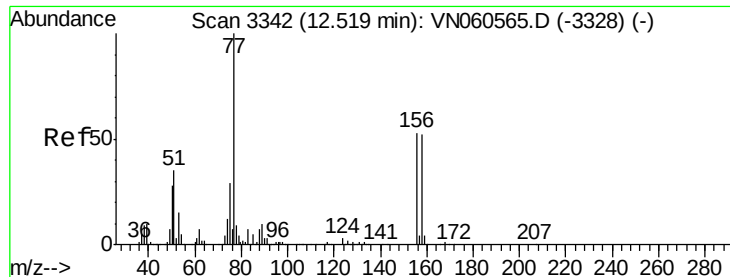


Abundance Ion 74.90 (74.60 to 75.60): VN060871.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060871.D (-3258) (-)

Time-->





#77

Bromobenzene

Concen: 18.728 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

VN0407WBS01

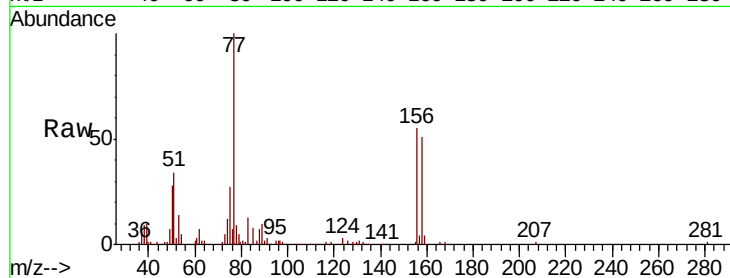
Tot Ion:156 Resp: 46214

Ion Ratio Lower Upper

156 100

77 221.9 112.3 337.0

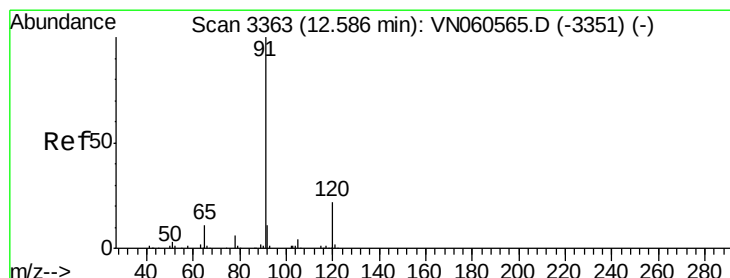
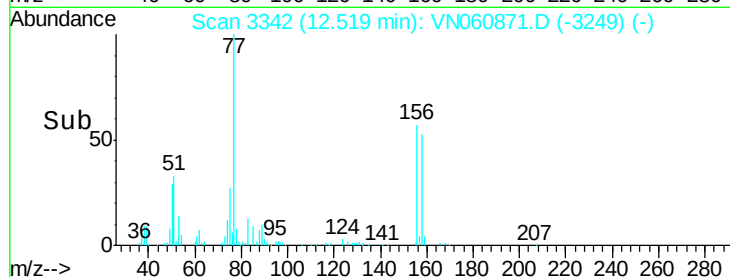
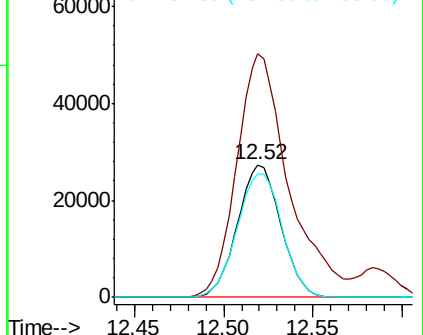
158 97.3 48.6 145.8



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: 19.235 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060871.D

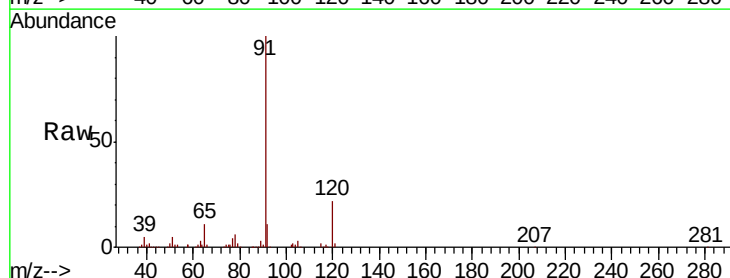
Acq: 7 Apr 2020 12:40

Tgt Ion: 91 Resp: 232727

Ion Ratio Lower Upper

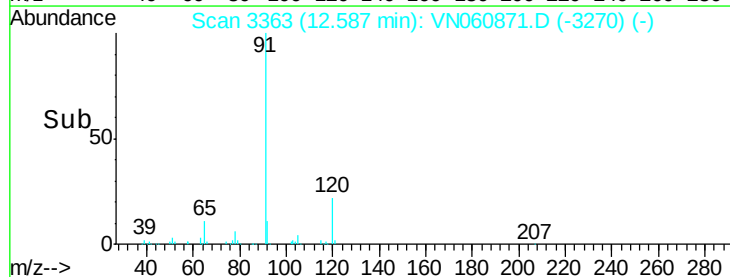
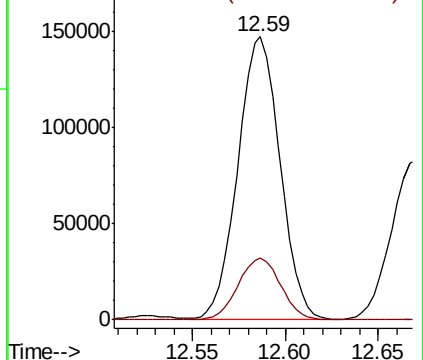
91 100

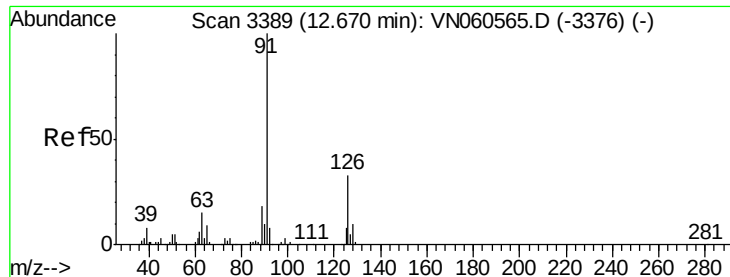
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.698 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

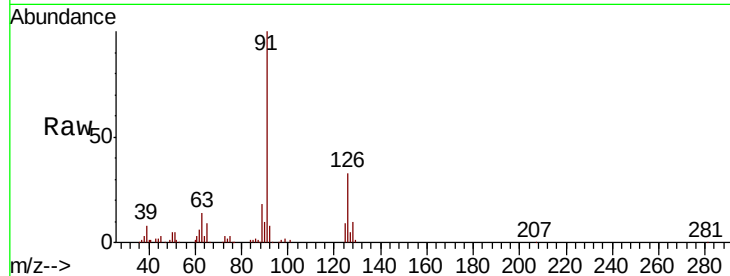
VN0407WBS01

Tot Ion: 91 Resp: 135172

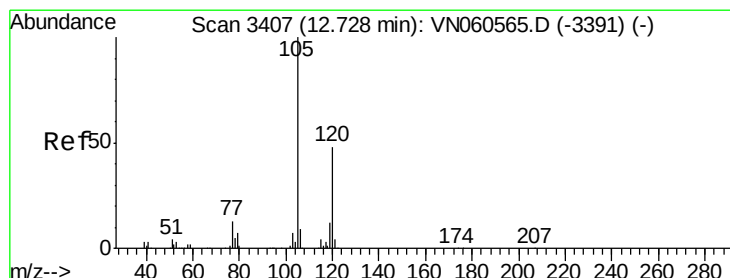
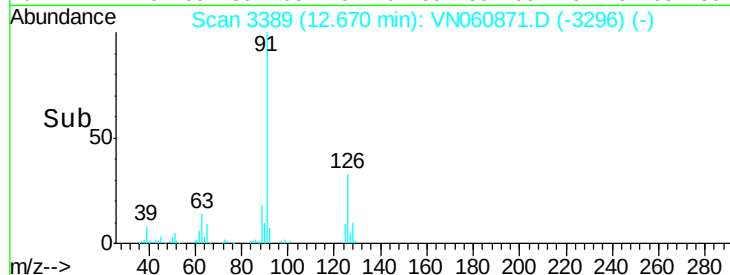
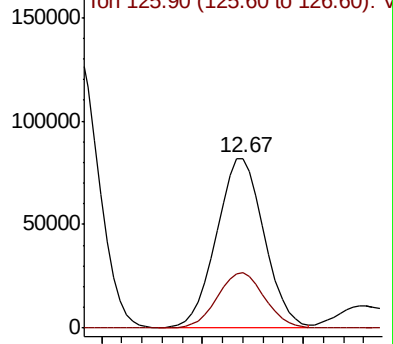
Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060871.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.063 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060871.D

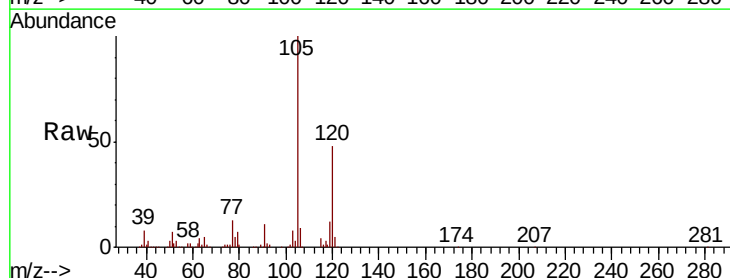
Acq: 7 Apr 2020 12:40

Tgt Ion: 105 Resp: 165673

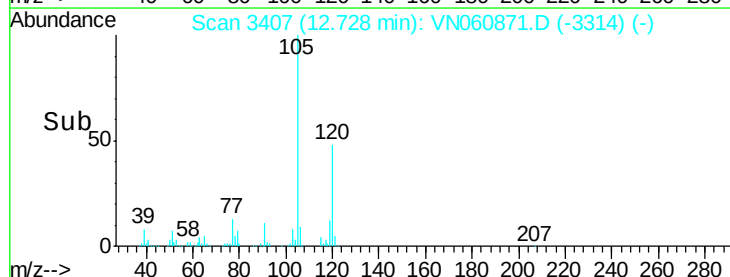
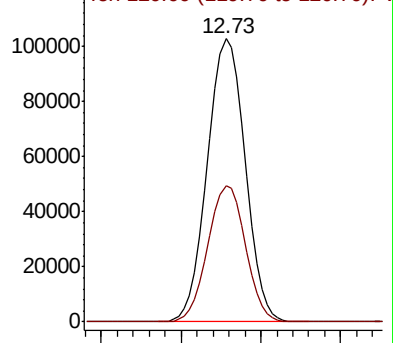
Ion Ratio Lower Upper

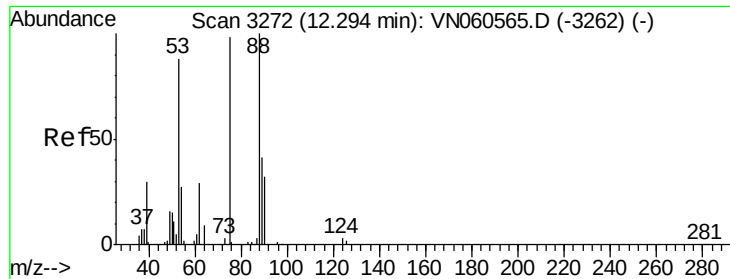
105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060871.D (-3391) (-)

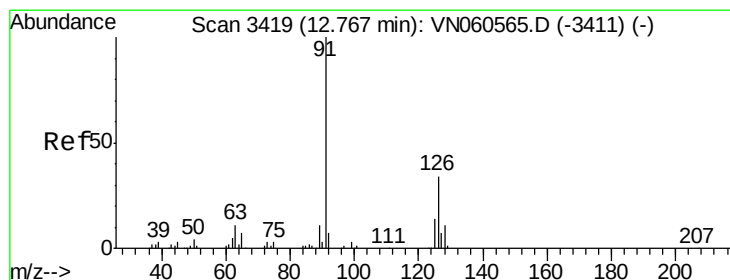
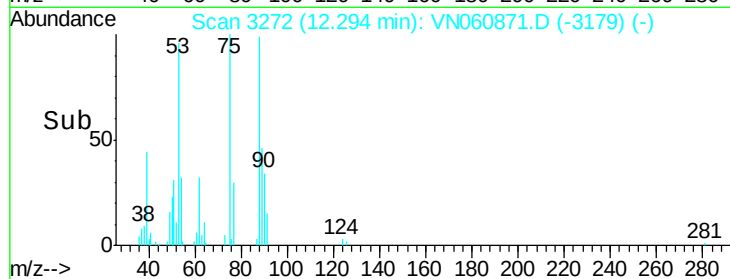
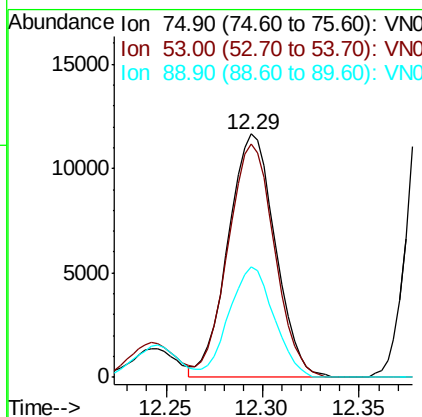
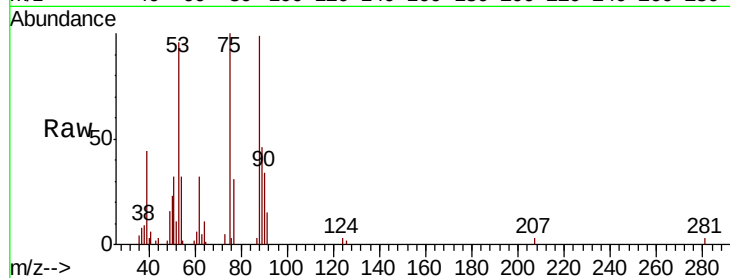




#81
trans-1,4-Dichloro-2-butene
Concen: 17.256 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

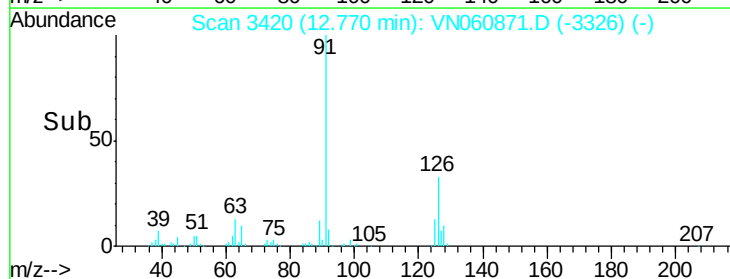
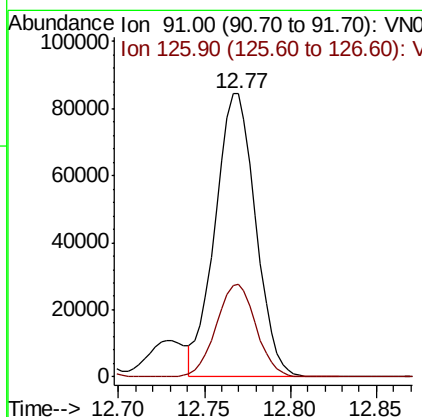
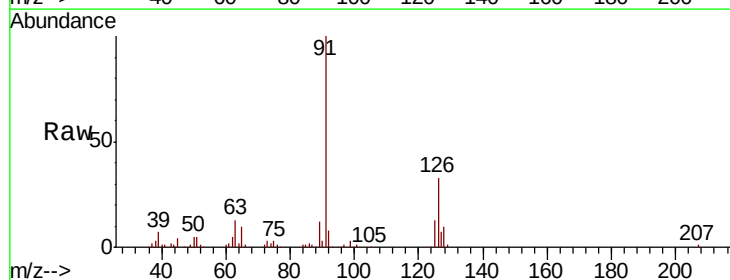
Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

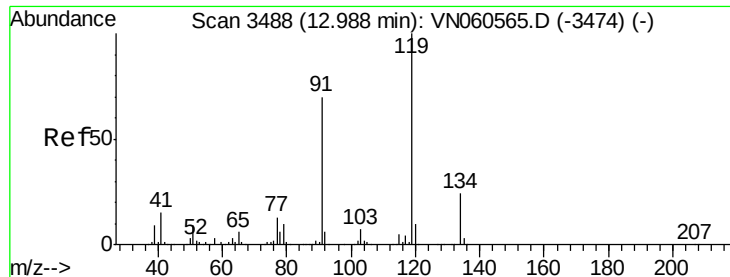
Tot Ion: 75 Resp: 19784
Ion Ratio Lower Upper
75 100
53 94.2 73.0 109.4
89 43.5 34.8 52.2



#82
4-Chlorotoluene
Concen: 18.812 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 91 Resp: 138508
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5

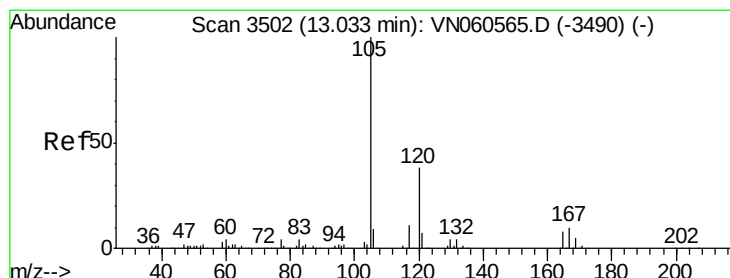
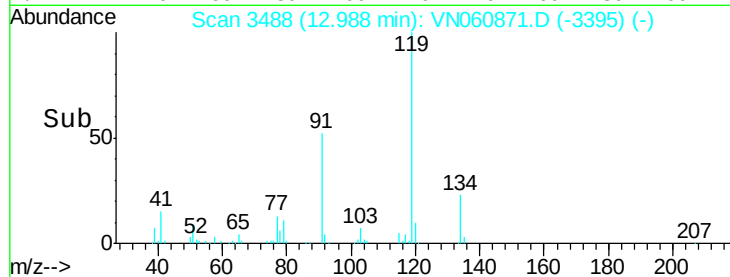
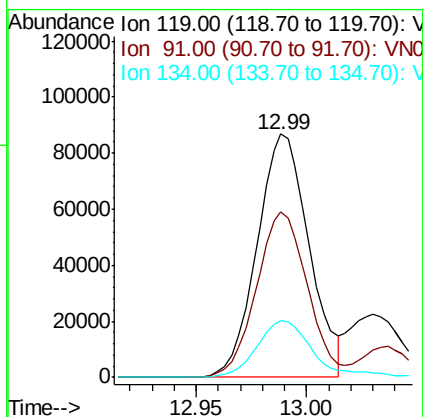
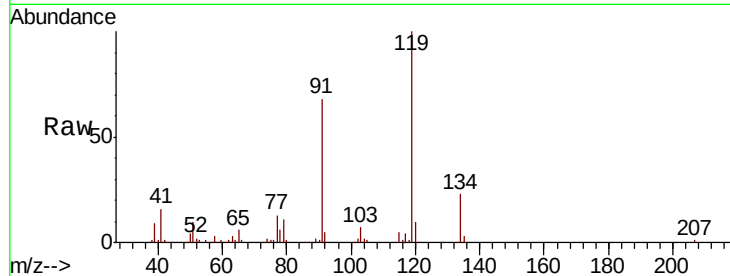




#83
 tert-Butylbenzene
 Concen: 19.708 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

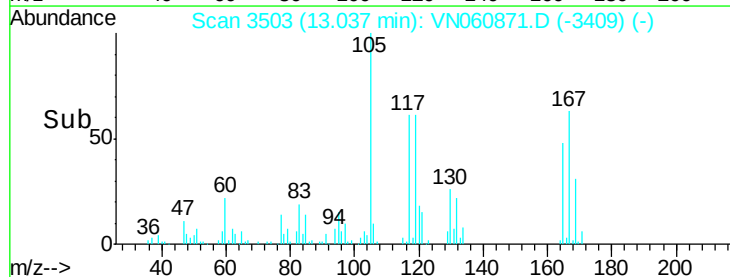
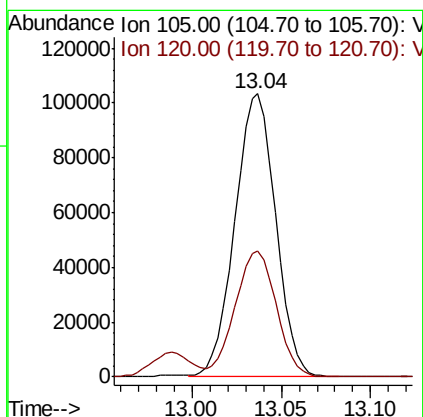
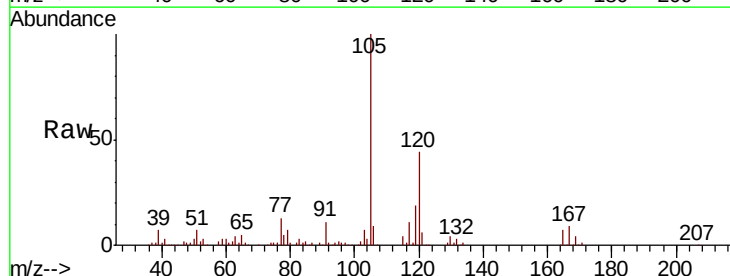
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

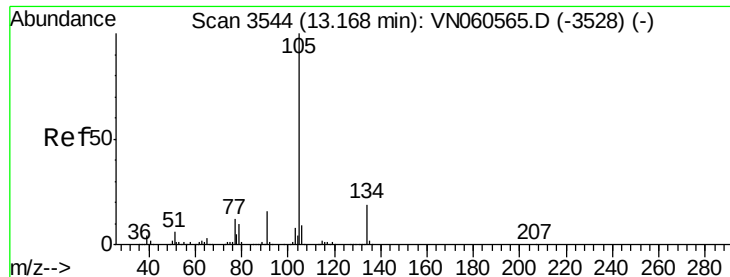
Tot Ion:119 Resp: 141986
 Ion Ratio Lower Upper
 119 100
 91 66.7 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.053 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion:105 Resp: 163817
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.593 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :

MSVOA_N

ClientSampled :

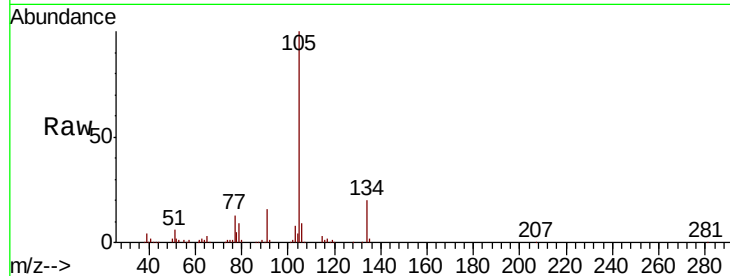
VN0407WBS01

Tot Ion:105 Resp: 189809

Ion Ratio Lower Upper

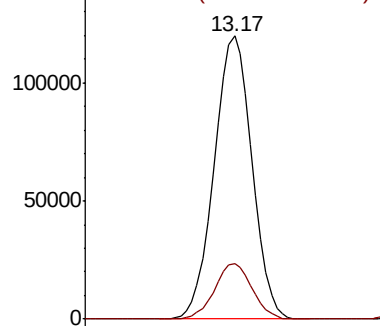
105 100

134 19.5 9.6 28.8

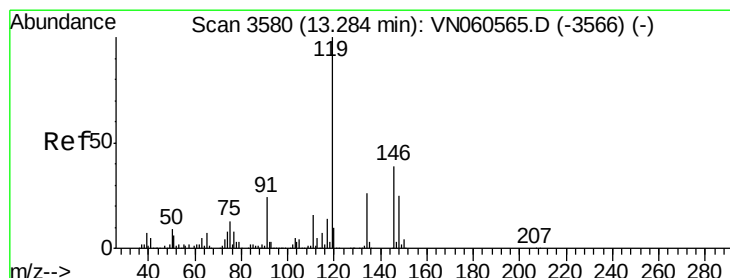
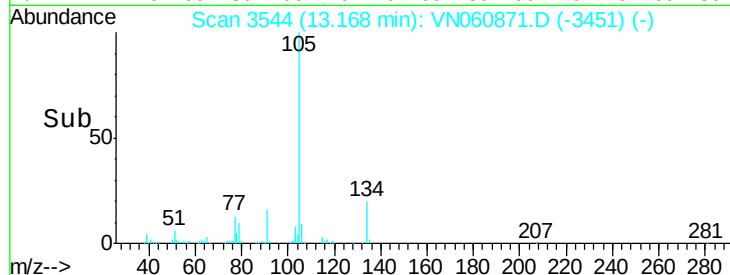


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time--> 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.664 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

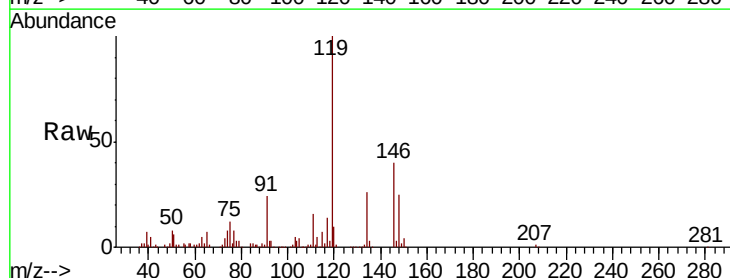
Tgt Ion:119 Resp: 171306

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

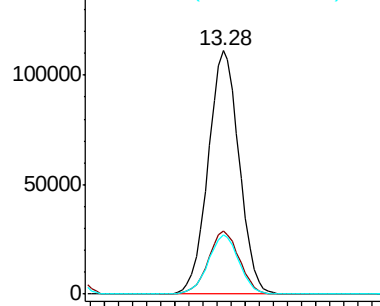
91 24.0 12.0 36.0



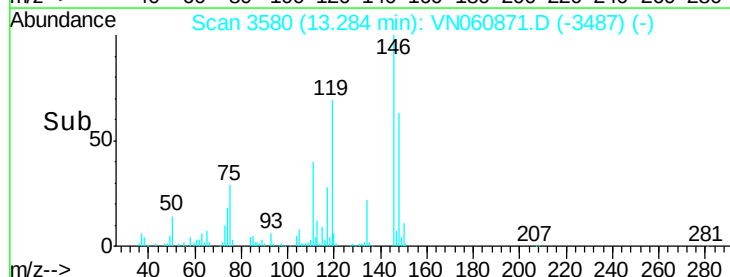
Abundance Ion 119.00 (118.70 to 119.70): V

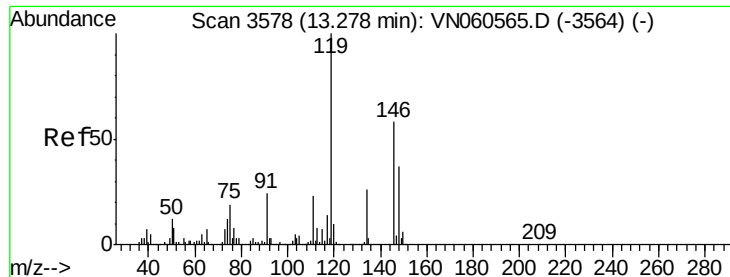
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 19.358 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

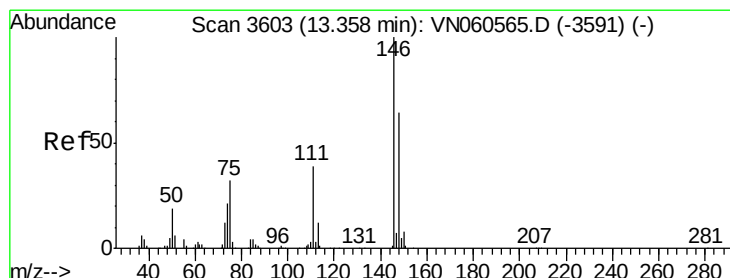
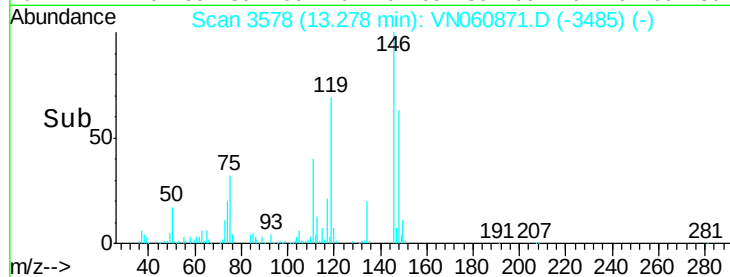
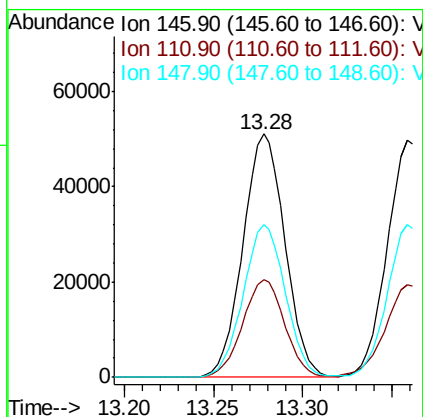
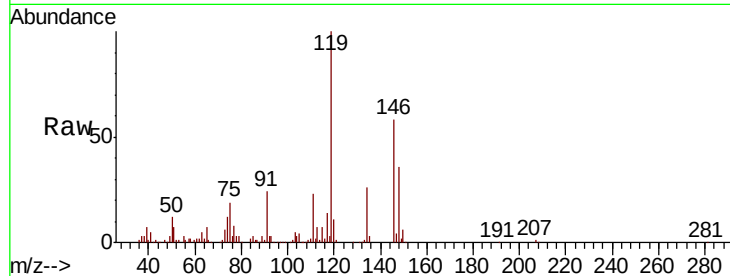
Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Instrument :
MSVOA_N
ClientSampled :
VN0407WBS01

Tot Ion:146 Resp: 84252

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	62.9	32.5	97.4



#88

1,4-Dichlorobenzene

Concen: 18.820 ug/l

RT: 13.36 min Scan# 3603

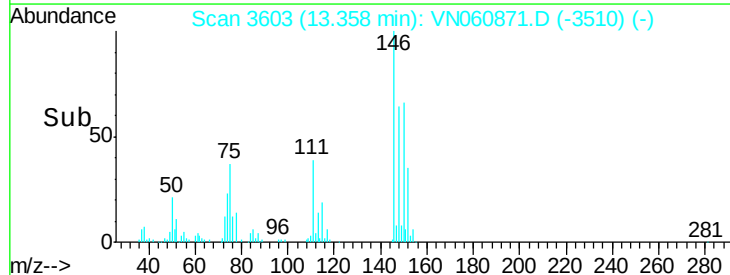
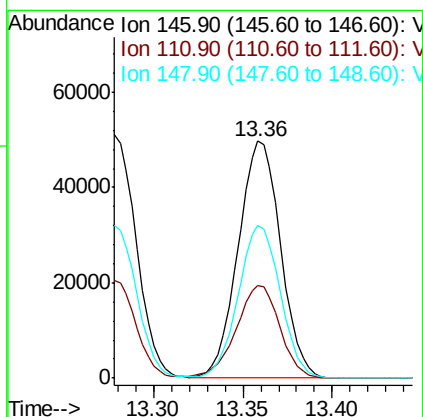
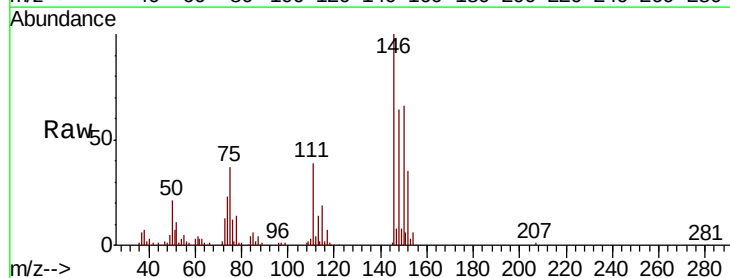
Delta R.T. 0.00 min

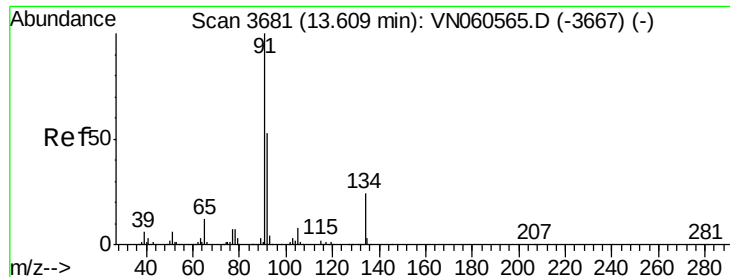
Lab File: VN060871.D

Acq: 7 Apr 2020 12:40

Tgt Ion:146 Resp: 82293

Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.7
148	64.1	32.1	96.3

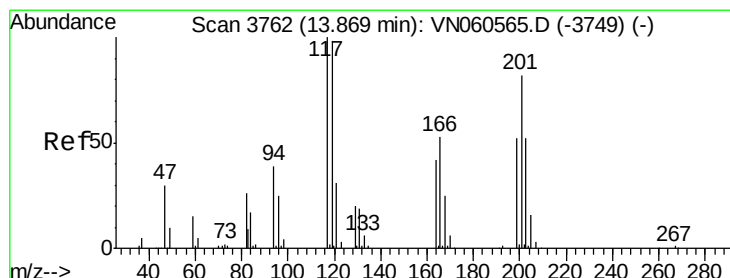
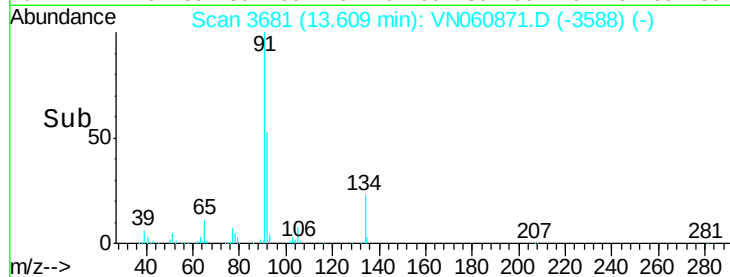
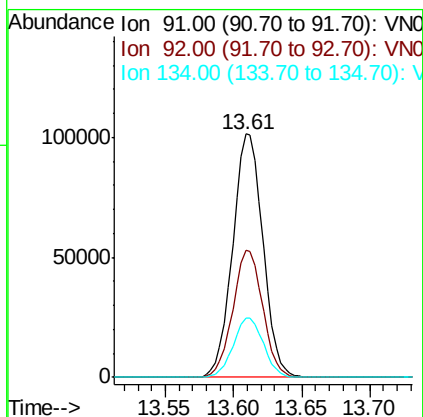
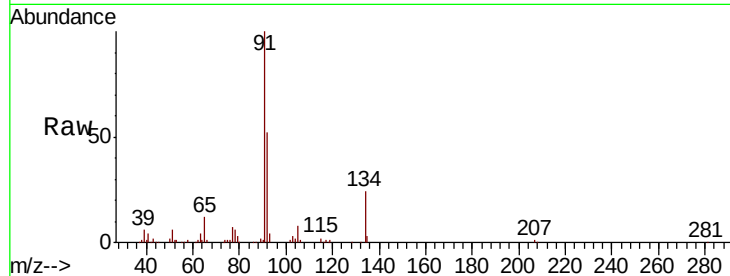




#89
n-Butylbenzene
Concen: 19.824 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

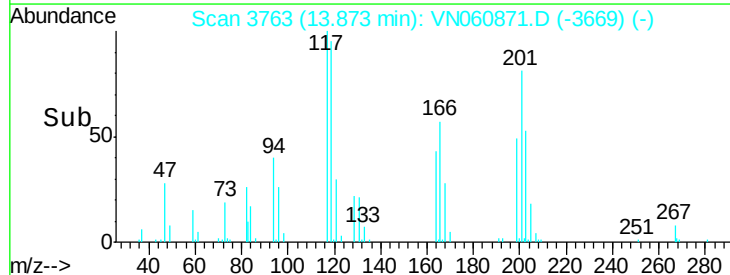
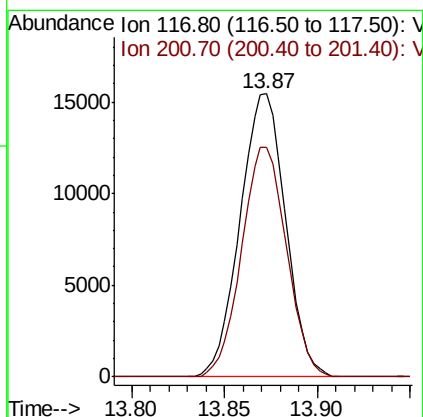
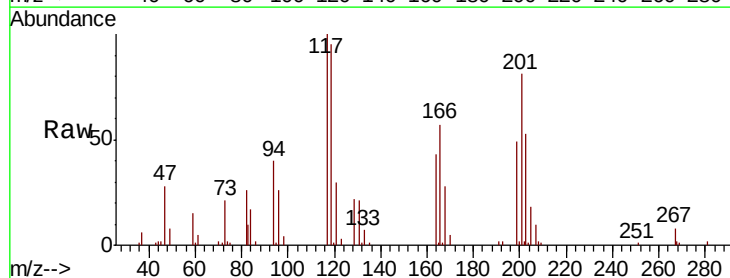
Instrument :
MSVOA_N
ClientSampled :
VN0407WBS01

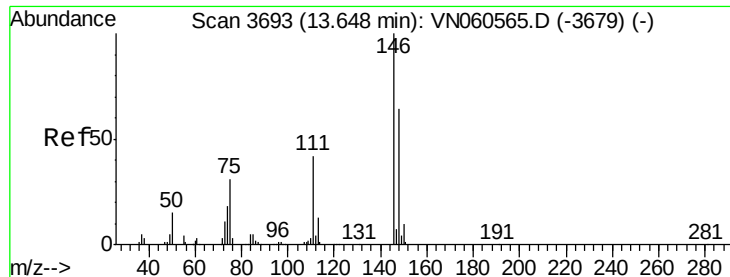
Tot Ion: 91 Resp: 155919
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 24.3 12.3 36.9



#90
Hexachloroethane
Concen: 20.798 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion: 117 Resp: 26336
Ion Ratio Lower Upper
117 100
201 80.2 40.8 122.5

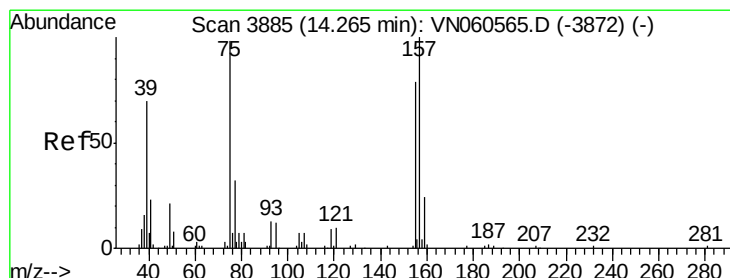
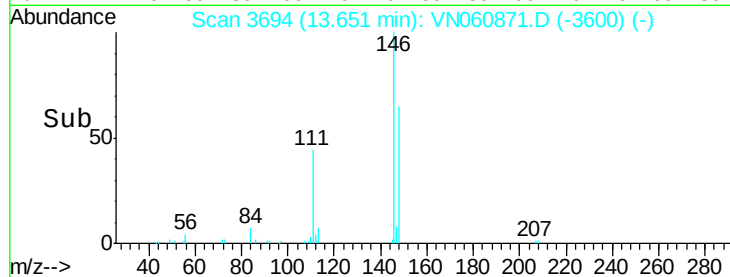
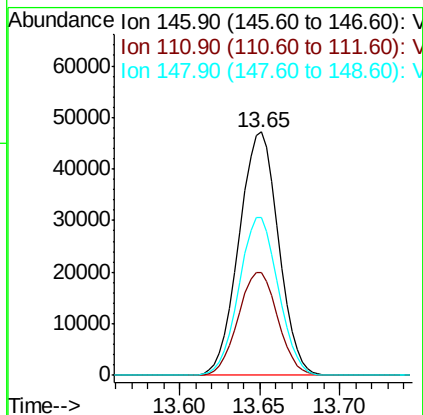
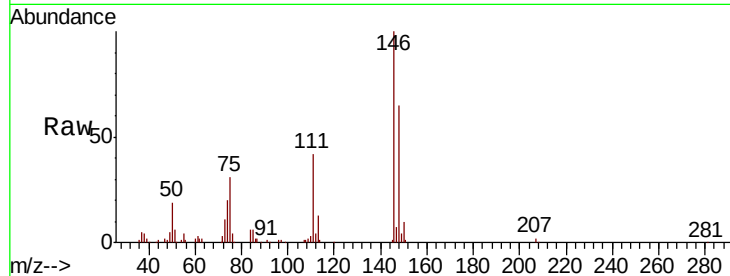




#91
 1,2-Dichlorobenzene
 Concen: 19.106 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

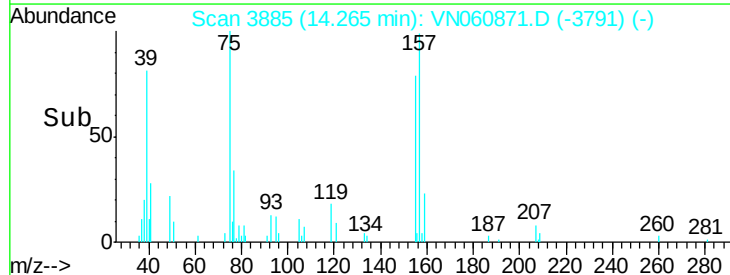
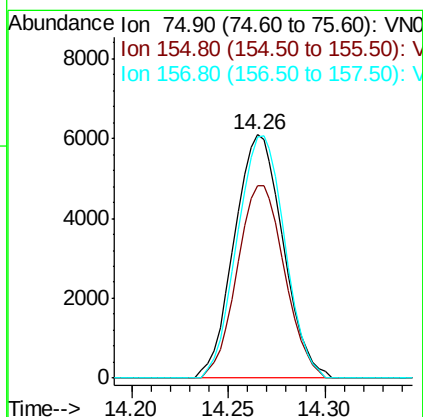
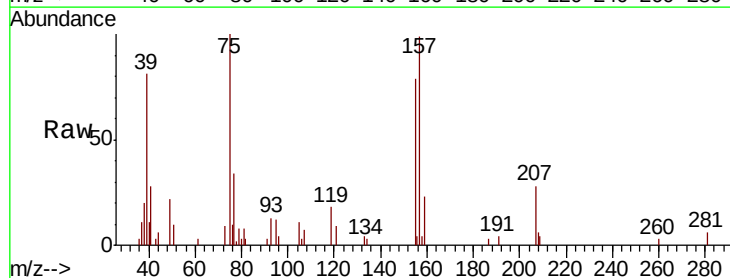
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBS01

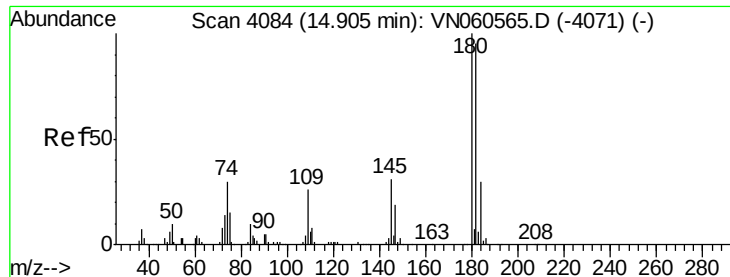
Tot Ion:146 Resp: 79514
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 64.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.304 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion: 75 Resp: 10693
 Ion Ratio Lower Upper
 75 100
 155 76.8 40.7 122.1
 157 96.9 51.5 154.7

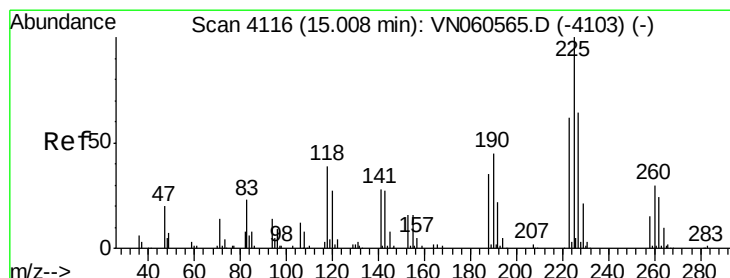
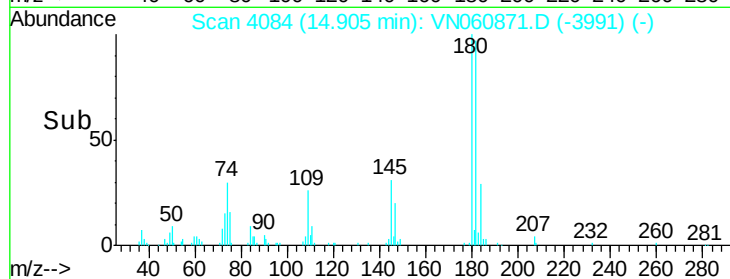
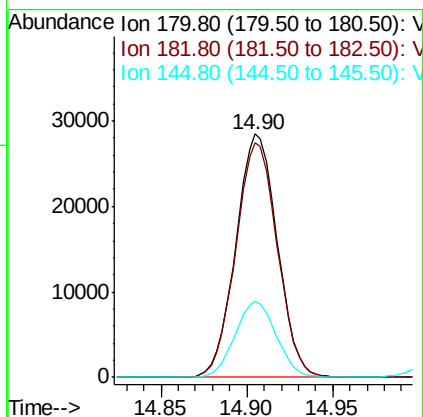
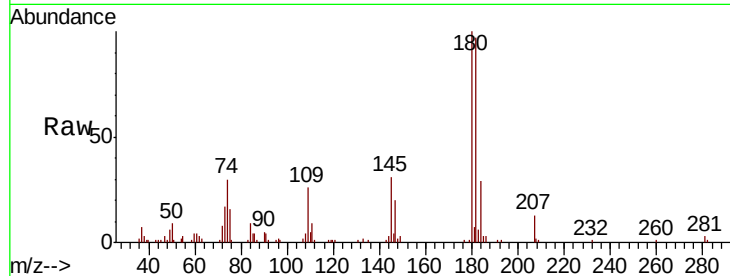




#93
 1,2,4-Trichlorobenzene
 Concen: 18.607 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

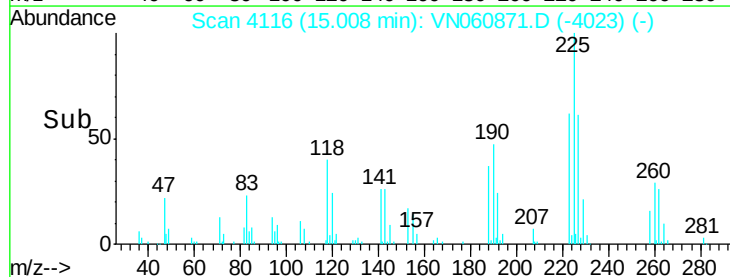
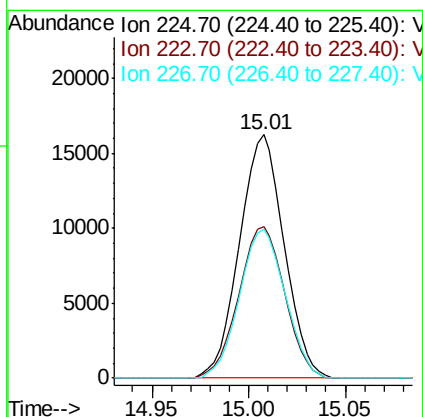
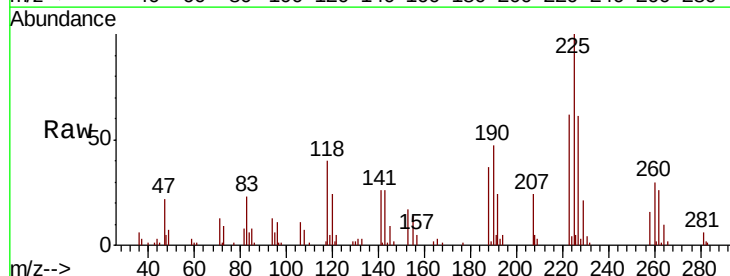
Instrument :
 MSVOA_N
 ClientSampled :
 VN0407WBS01

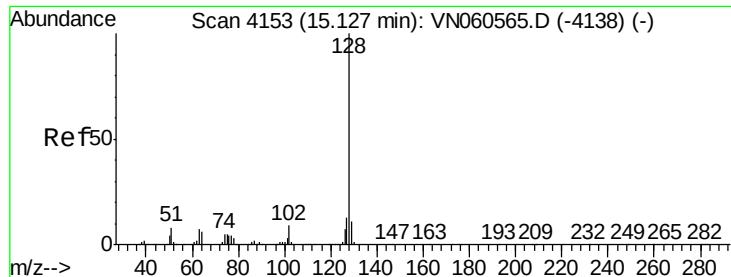
Tot Ion:180 Resp: 47554
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.9 143.8
 145 31.0 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 20.831 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060871.D
 Acq: 7 Apr 2020 12:40

Tgt Ion:225 Resp: 26098
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 95.0
 227 62.3 32.3 96.8

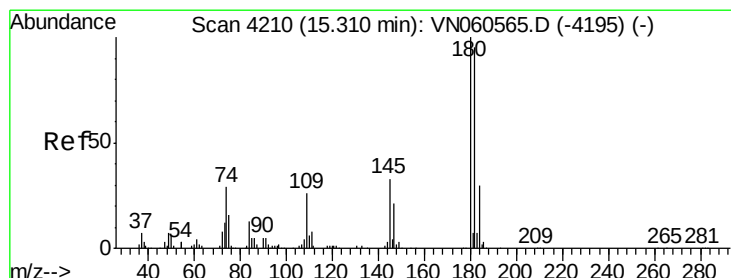
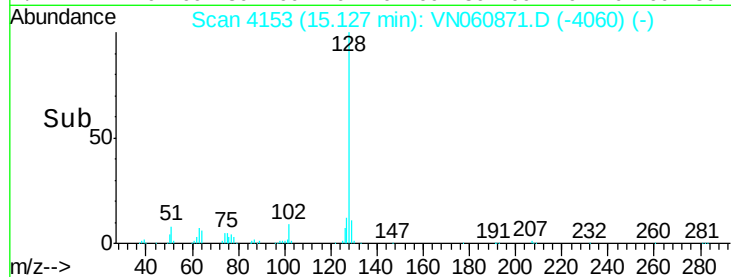
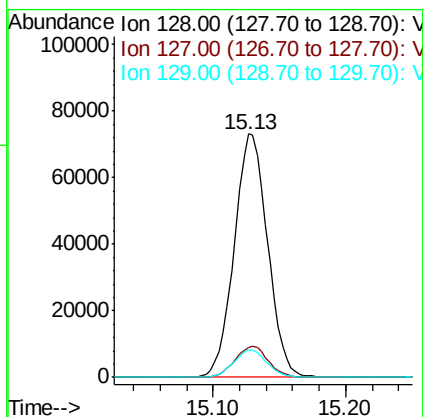
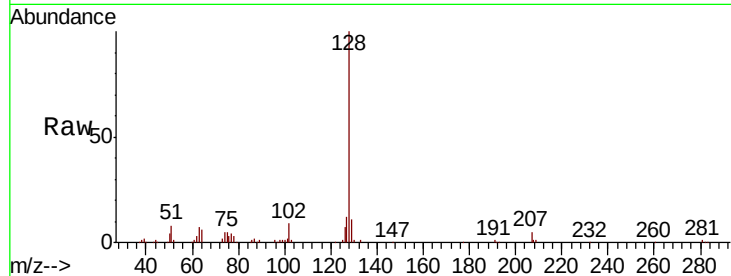




#95
Naphthalene
Concen: 16.607 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBS01

Tot Ion:128 Resp: 127652
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.540 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060871.D
Acq: 7 Apr 2020 12:40

Tgt Ion:180 Resp: 46670
Ion Ratio Lower Upper
180 100
182 91.8 47.5 142.6
145 31.5 16.3 48.8

