

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032420\
 Data File : VN060664.D
 Acq On : 24 Mar 2020 12:01
 Operator : JC/MD
 Sample : VN0324WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 25 03:50:27 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	201354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	330779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139358	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	135107	48.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.76%	
35) Dibromofluoromethane	7.56	113	99748	49.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.74%	
50) Toluene-d8	10.08	98	405832	49.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.39	95	145541	48.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	39266	20.154	ug/l	100
3) Chloromethane	2.04	50	65665	18.046	ug/l	99
4) Vinyl Chloride	2.16	62	53459	18.783	ug/l	100
5) Bromomethane	2.55	94	25441	20.707	ug/l	99
6) Chloroethane	2.68	64	31981	19.507	ug/l	99
7) Trichlorofluoromethane	3.00	101	68846	19.637	ug/l	99
8) Diethyl Ether	3.38	74	28269	20.072	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	40781	20.074	ug/l	98
10) Methyl Iodide	3.92	142	35814	19.812	ug/l	100
11) Tert butyl alcohol	4.72	59	41253	101.479	ug/l	99
12) 1,1-Dichloroethene	3.71	96	42281	19.395	ug/l	96
13) Acrolein	3.57	56	49478	109.819	ug/l	99
14) Allyl chloride	4.29	41	73050	19.052	ug/l	99
15) Acrylonitrile	4.94	53	115619	96.720	ug/l	99
16) Acetone	3.77	43	119860	122.417	ug/l	97
17) Carbon Disulfide	4.03	76	126068	19.014	ug/l	99
18) Methyl Acetate	4.28	43	54739	19.862	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	143933	19.203	ug/l	99
20) Methylene Chloride	4.52	84	46676	19.379	ug/l	95
21) trans-1,2-Dichloroethene	5.00	96	45451	19.562	ug/l	98
22) Diisopropyl ether	5.91	45	163029	20.126	ug/l	98
23) Vinyl Acetate	5.85	43	654196	98.981	ug/l	99
24) 1,1-Dichloroethane	5.81	63	87091	19.722	ug/l	99
25) 2-Butanone	6.79	43	162613	102.636	ug/l	99
26) 2,2-Dichloropropane	6.79	77	75046	21.599	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	52080	19.725	ug/l	100
28) Bromochloromethane	7.17	49	42194	19.971	ug/l	100
29) Tetrahydrofuran	7.18	42	106478	94.984	ug/l	99
30) Chloroform	7.34	83	83164	19.645	ug/l	100
31) Cyclohexane	7.63	56	85697	19.249	ug/l	95
32) 1,1,1-Trichloroethane	7.54	97	72031	19.737	ug/l	99
36) 1,1-Dichloropropene	7.77	75	64632	20.179	ug/l	99
37) Ethyl Acetate	6.89	43	65046	18.795	ug/l	98
38) Carbon Tetrachloride	7.75	117	56097	19.541	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	76960	20.219	ug/l	98
40) Benzene	8.02	78	194920	20.159	ug/l	100
41) Methacrylonitrile	7.18	41	95141	64.415	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	67273	20.359	ug/l	100
43) Isopropyl Acetate	8.14	43	112218	19.661	ug/l	99
44) Trichloroethene	8.81	130	50350	20.657	ug/l	99
45) 1,2-Dichloropropane	9.10	63	51428	20.157	ug/l	98
46) Dibromomethane	9.19	93	31342	20.320	ug/l	98
47) Bromodichloromethane	9.38	83	63244	19.732	ug/l	99
48) Methyl methacrylate	9.18	41	48081	18.921	ug/l	99
49) 1,4-Dioxane	9.18	88	15502	513.222	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	322041	99.153	ug/l	99
52) Toluene	10.14	92	116413	19.936	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	74740	20.300	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	82789	20.497	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	44266	19.704	ug/l	98
56) Ethyl methacrylate	10.42	69	67160	19.173	ug/l	97
57) 1,3-Dichloropropane	10.70	76	79310	20.344	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	174723	100.361	ug/l	99
59) 2-Hexanone	10.74	43	234809	100.361	ug/l	99
60) Dibromochloromethane	10.89	129	45860	19.763	ug/l	99
61) 1,2-Dibromoethane	10.99	107	44687	19.782	ug/l	99
64) Tetrachloroethene	10.62	164	48607	20.620	ug/l	98
65) Chlorobenzene	11.42	112	118889	20.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42657	19.840	ug/l	99
67) Ethyl Benzene	11.50	91	224509	20.330	ug/l	98
68) m/p-Xylenes	11.61	106	163600	39.866	ug/l	99
69) o-Xylene	11.94	106	80070	20.439	ug/l	100
70) Styrene	11.96	104	126159	19.690	ug/l	100
71) Bromoform	12.12	173	31523	18.728	ug/l #	98
73) Isopropylbenzene	12.24	105	211036	20.179	ug/l	100
74) N-amyl acetate	12.06	43	92440	19.128	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	61732	19.519	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	85117	28.306	ug/l #	100
77) Bromobenzene	12.52	156	49604	19.684	ug/l	99
78) n-propylbenzene	12.59	91	248716	20.130	ug/l	100
79) 2-Chlorotoluene	12.67	91	145377	19.692	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	178499	20.112	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	23037	19.676	ug/l	98
82) 4-Chlorotoluene	12.77	91	151711	20.177	ug/l	99
83) tert-Butylbenzene	12.99	119	147408	20.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.03	105	177285	20.191	ug/l	100
85) sec-Butylbenzene	13.17	105	197285	19.941	ug/l	99
86) p-Isopropyltoluene	13.28	119	178182	20.029	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	89853	20.216	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	87482	19.591	ug/l	98
89) n-Butylbenzene	13.61	91	161282	20.080	ug/l	100
90) Hexachloroethane	13.87	117	23456	18.139	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	85804	20.189	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	12254	18.329	ug/l	96

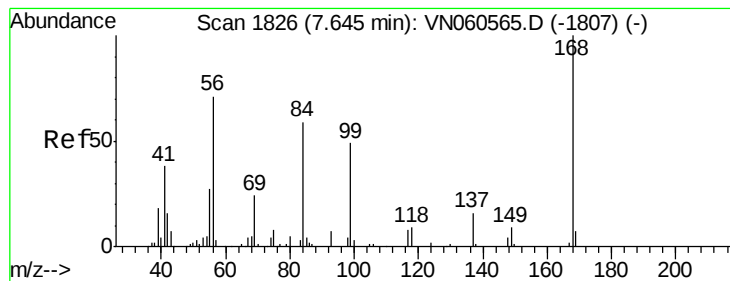
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	52126	19.973	ug/l	100
94) Hexachlorobutadiene	15.01	225	26170	20.455	ug/l	98
95) Naphthalene	15.13	128	153015	19.492	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50342	19.583	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

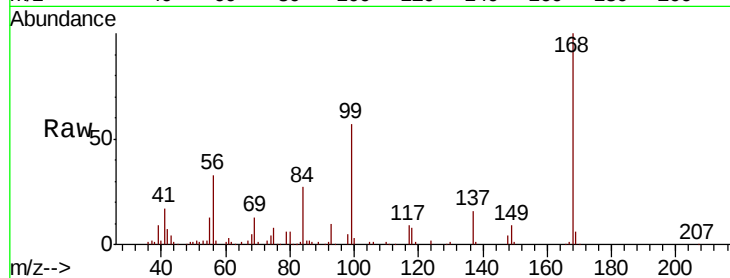
ClientSampleId :

Tot Ion:168 Resp: 201354

Ion Ratio Lower Upper

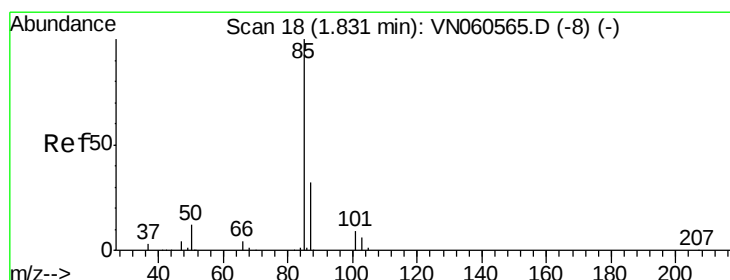
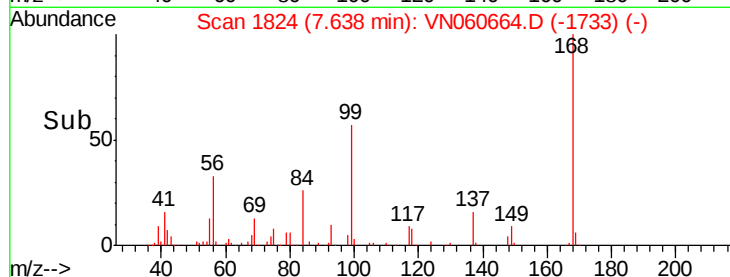
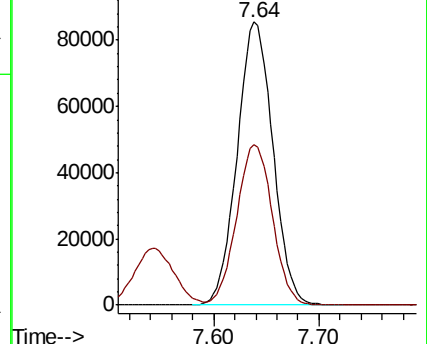
168 100

99 56.7 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 20.154 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060664.D

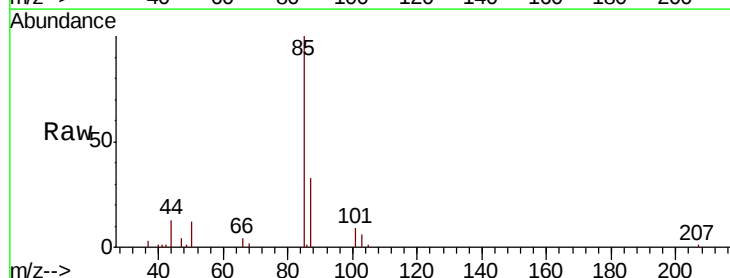
Acq: 24 Mar 2020 12:01

Tgt Ion: 85 Resp: 39266

Ion Ratio Lower Upper

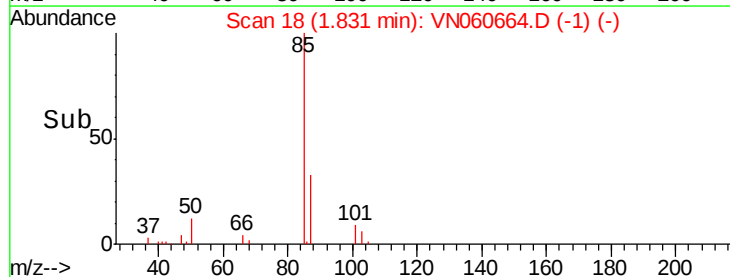
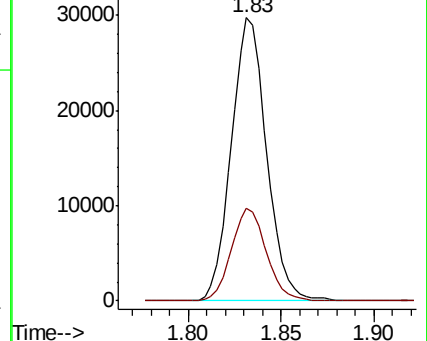
85 100

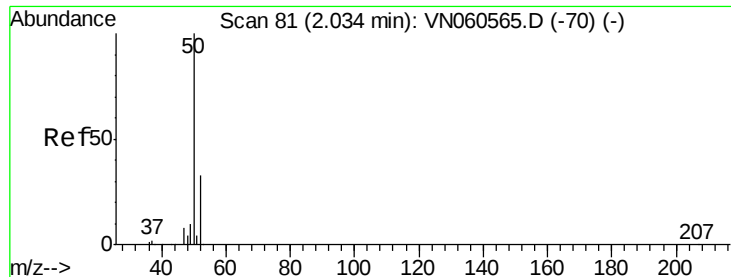
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.046 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

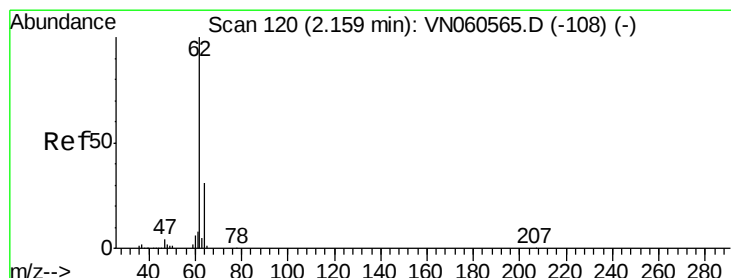
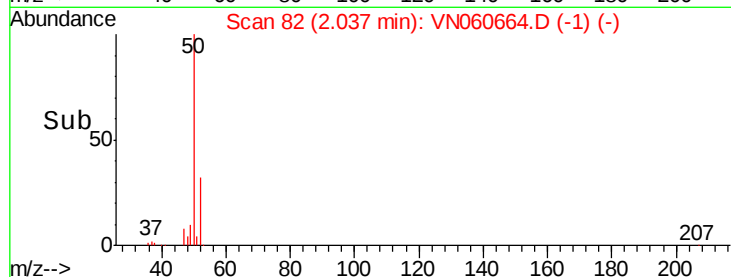
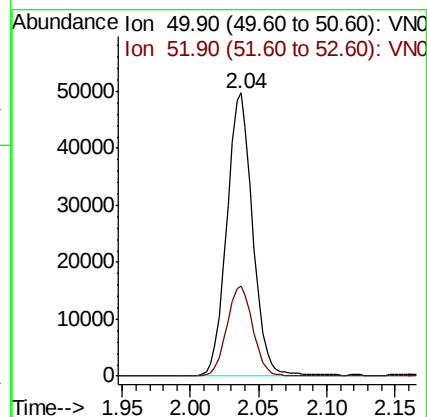
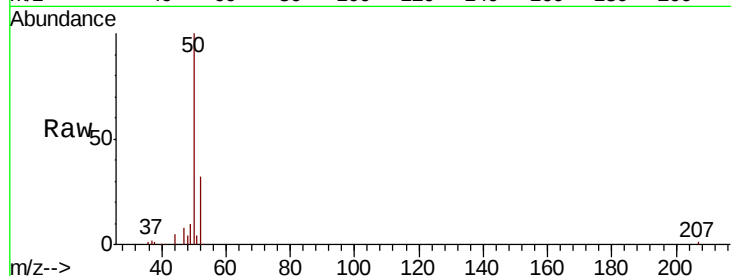
ClientSampled :

Tot Ion: 50 Resp: 65665

Ion Ratio Lower Upper

50 100

52 31.9 26.2 39.2



#4

Vinyl Chloride

Concen: 18.783 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060664.D

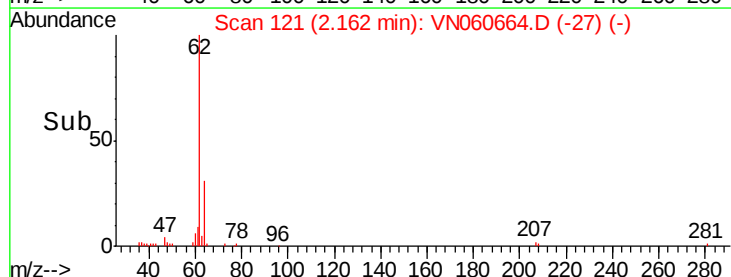
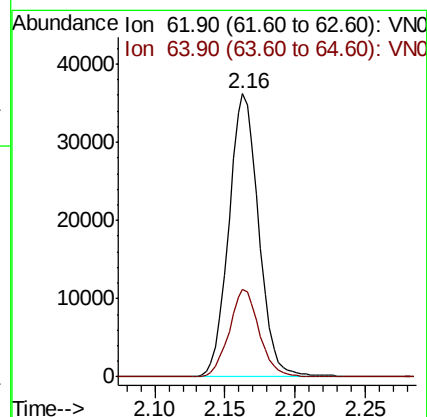
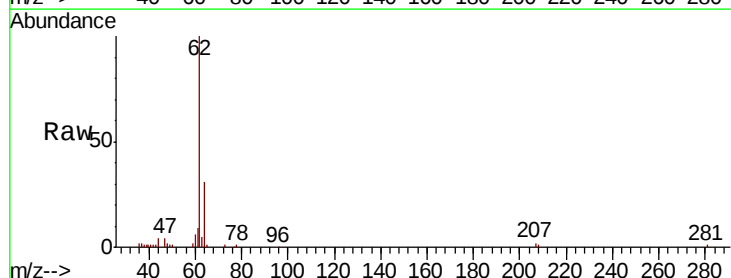
Acq: 24 Mar 2020 12:01

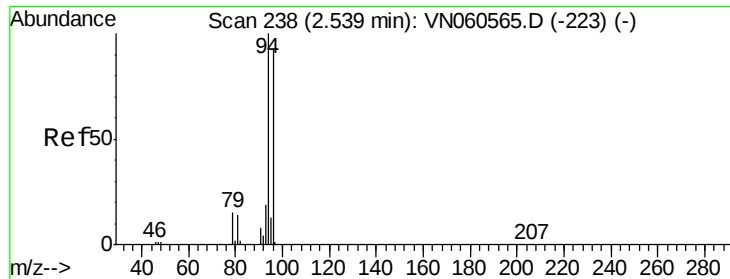
Tgt Ion: 62 Resp: 53459

Ion Ratio Lower Upper

62 100

64 31.0 24.7 37.1





#5

Bromomethane

Concen: 20.707 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

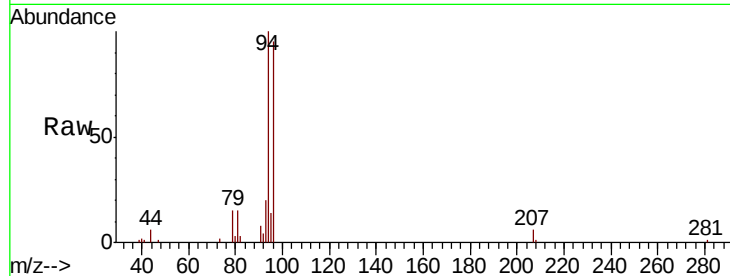
ClientSampleId :

Tot Ion: 94 Resp: 25441

Ion Ratio Lower Upper

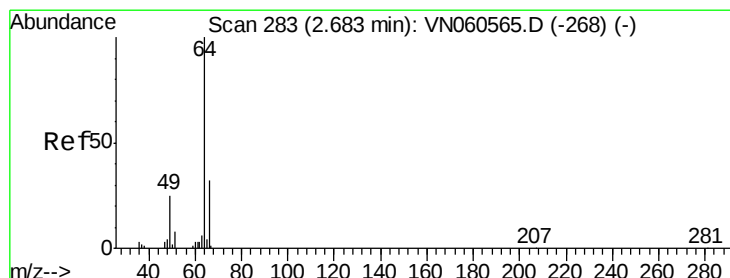
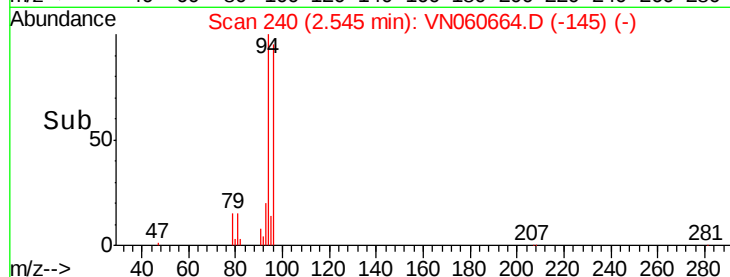
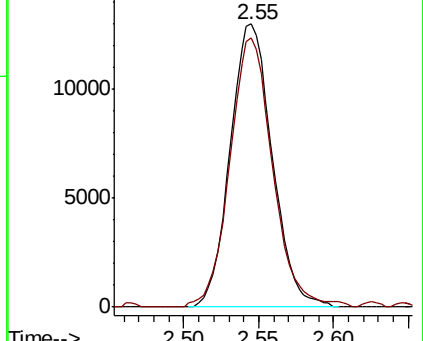
94 100

96 94.0 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060664.D (-240) (-)

Ion 95.90 (95.60 to 96.60): VN060664.D (-240) (-)



#6

Chloroethane

Concen: 19.507 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060664.D

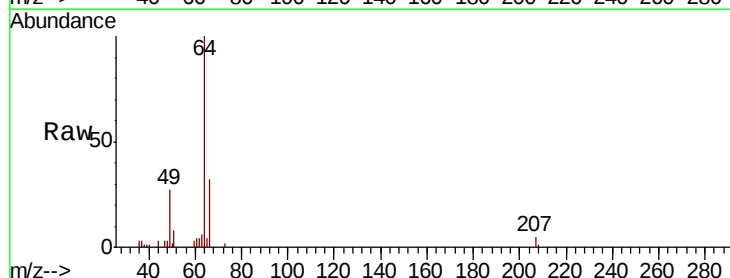
Acq: 24 Mar 2020 12:01

Tgt Ion: 64 Resp: 31981

Ion Ratio Lower Upper

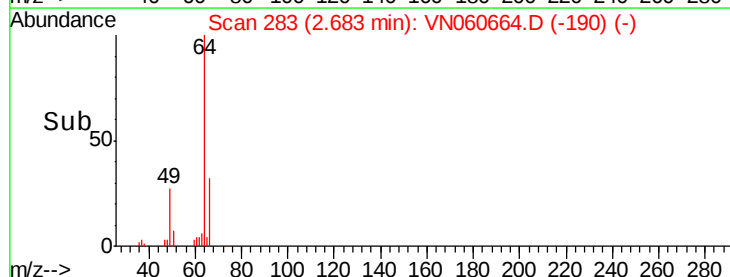
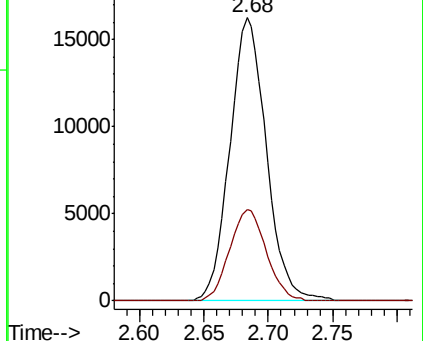
64 100

66 32.3 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060664.D (-283) (-)

Ion 65.90 (65.60 to 66.60): VN060664.D (-283) (-)



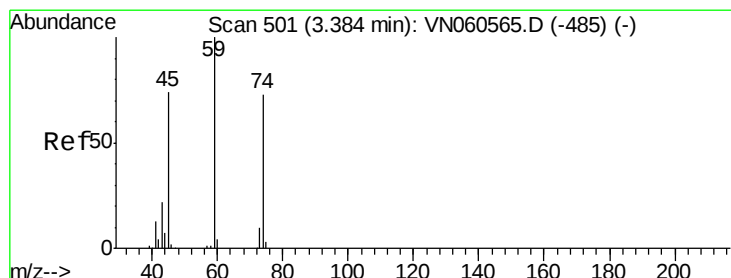
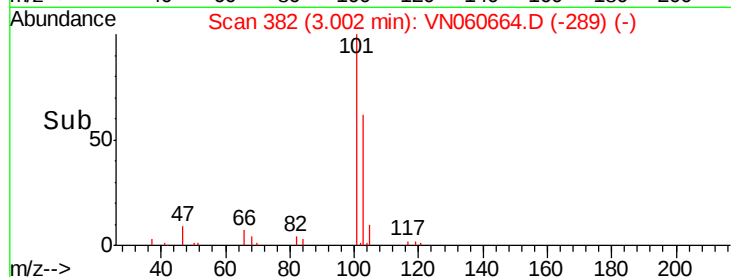
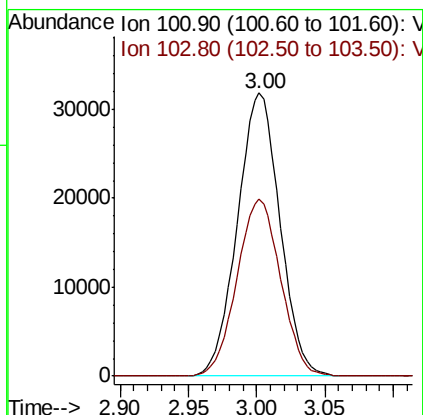
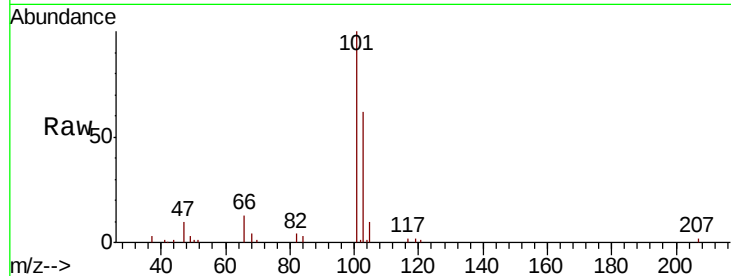


#7

Trichlorofluoromethane
 Concen: 19.637 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

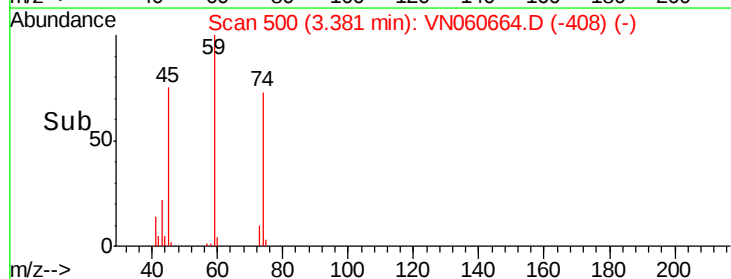
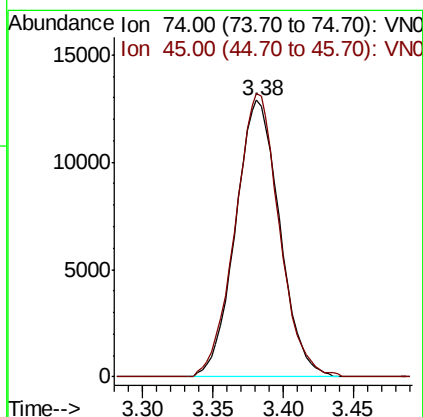
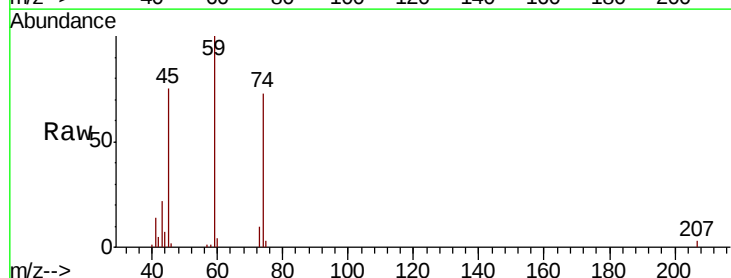
Tot Ion:101 Resp: 68846
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.6 76.0



#8

Diethyl Ether
 Concen: 20.072 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 74 Resp: 28269
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.074 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

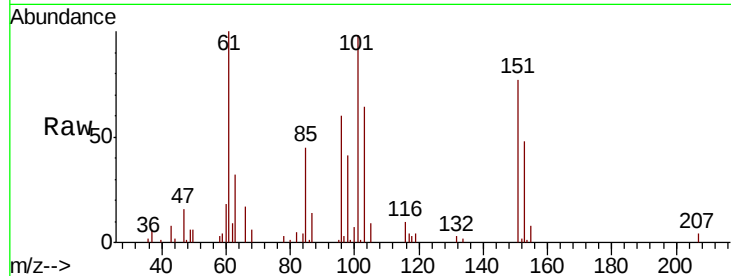
Tot Ion:101 Resp: 40781

Ion Ratio Lower Upper

101 100

85 45.7 35.6 53.4

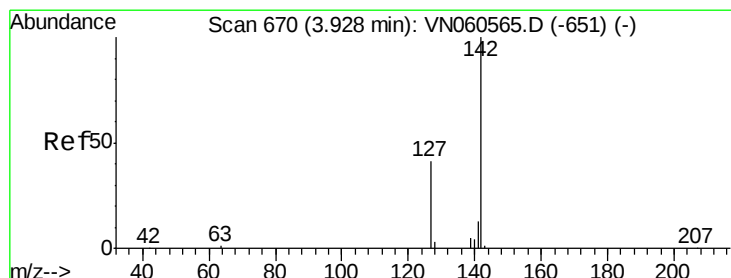
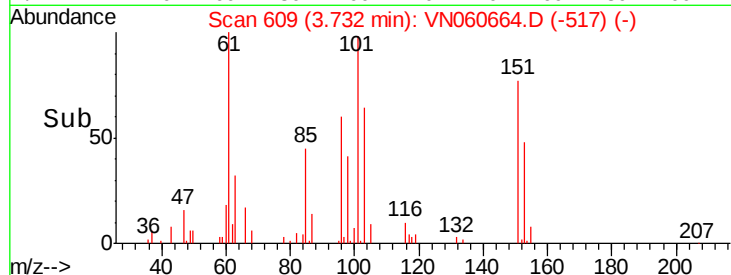
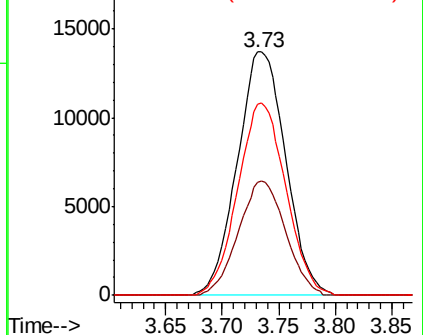
151 78.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.812 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

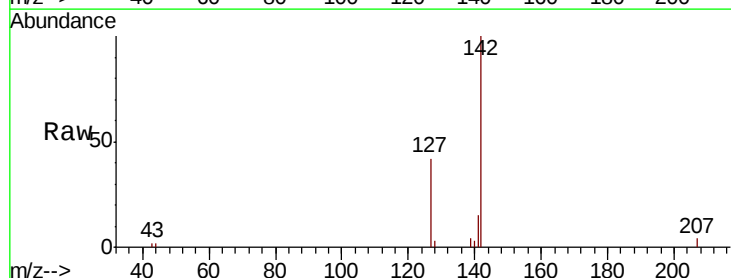
Tgt Ion:142 Resp: 35814

Ion Ratio Lower Upper

142 100

127 41.8 33.5 50.3

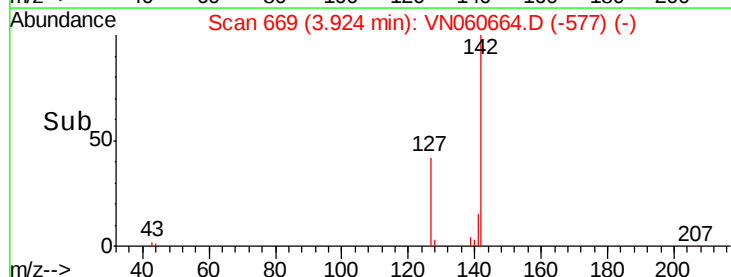
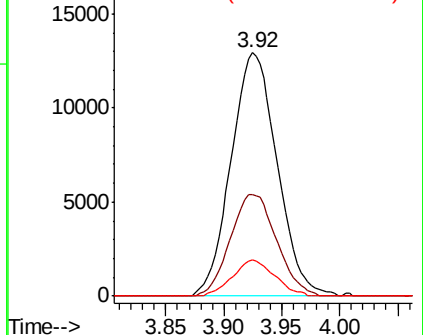
141 13.6 11.0 16.6

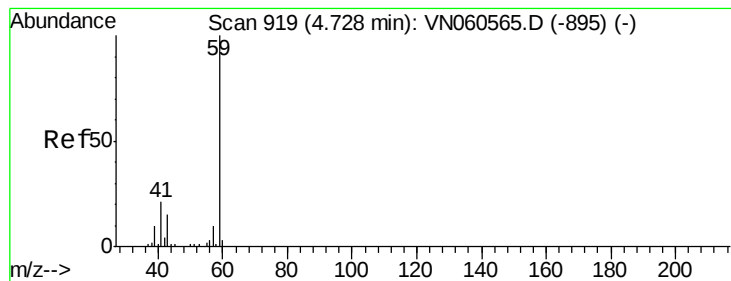


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



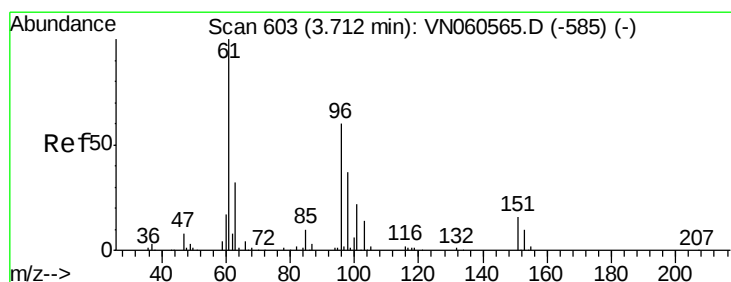
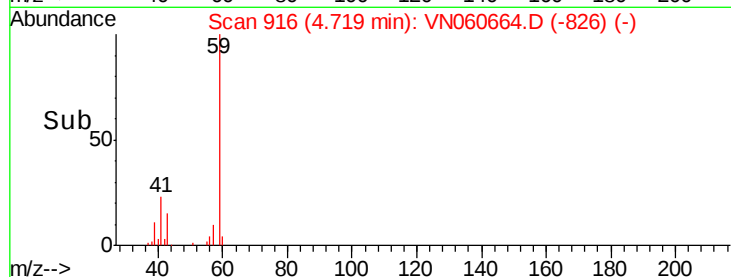
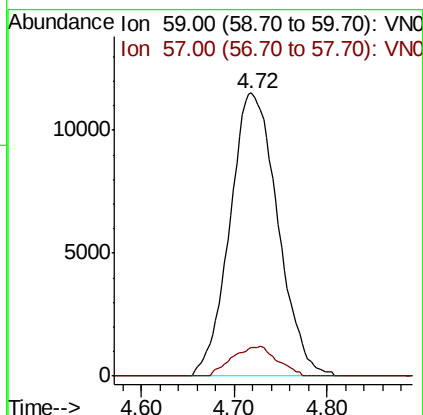
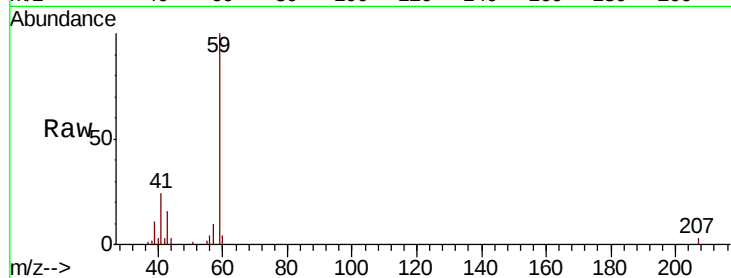


#11

Tert butyl alcohol
Concen: 101.479 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

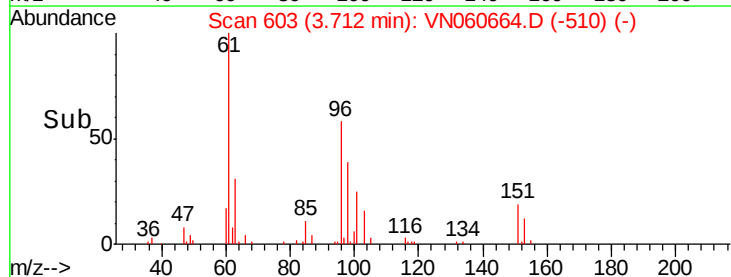
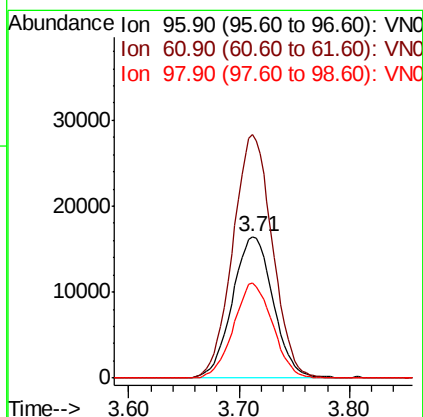
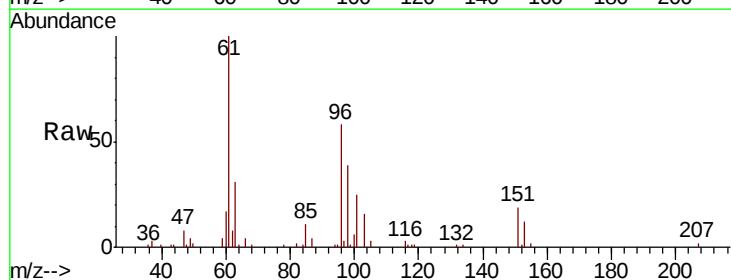
Tot Ion: 59 Resp: 41253
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

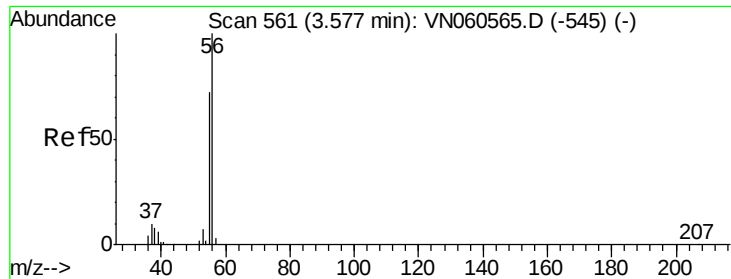


#12

1,1-Dichloroethene
Concen: 19.395 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 96 Resp: 42281
Ion Ratio Lower Upper
96 100
61 171.8 134.1 201.1
98 67.1 49.9 74.9





#13

Acrolein

Concen: 109.819 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

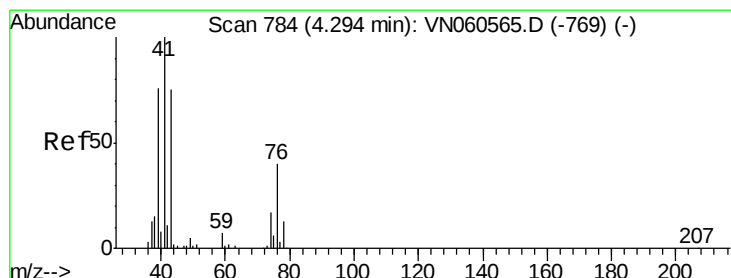
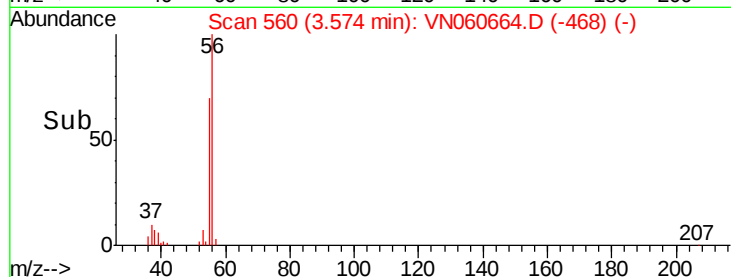
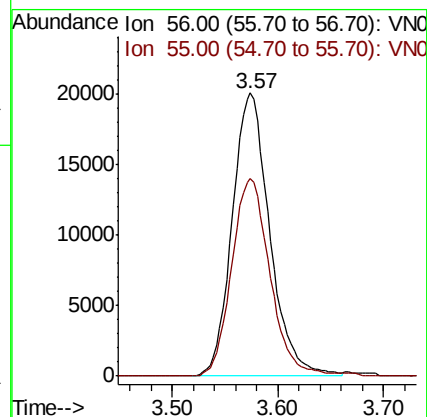
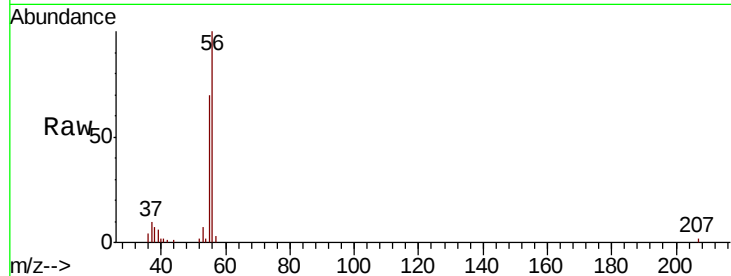
ClientSampleId :

Tot Ion: 56 Resp: 49478

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Allyl chloride

Concen: 19.052 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

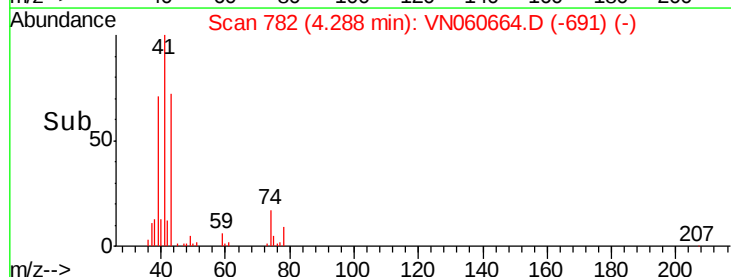
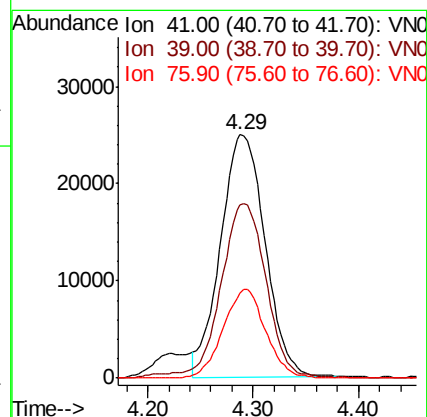
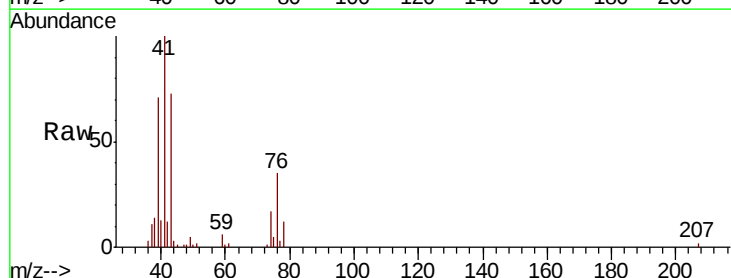
Tgt Ion: 41 Resp: 73050

Ion Ratio Lower Upper

41 100

39 72.8 57.8 86.8

76 35.0 28.6 43.0





#15

Acrylonitrile

Concen: 96.720 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

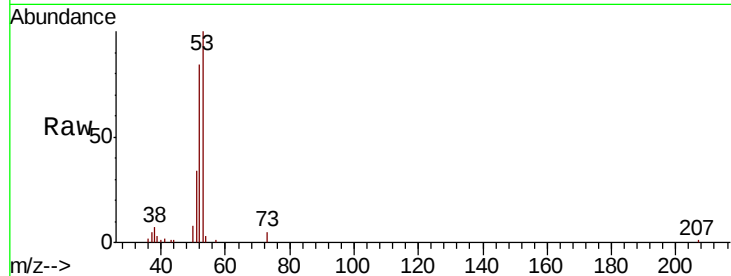
Tot Ion: 53 Resp: 115619

Ion Ratio Lower Upper

53 100

52 82.1 66.2 99.4

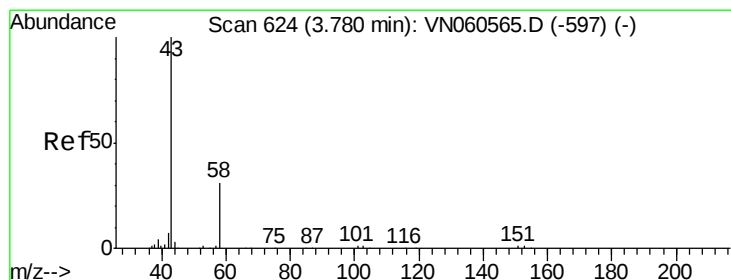
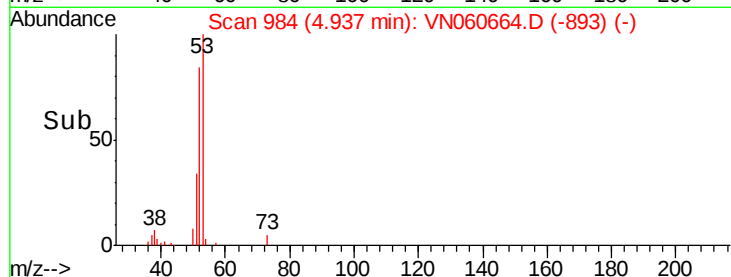
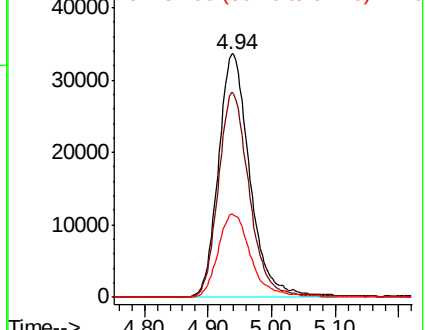
51 35.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 122.417 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060664.D

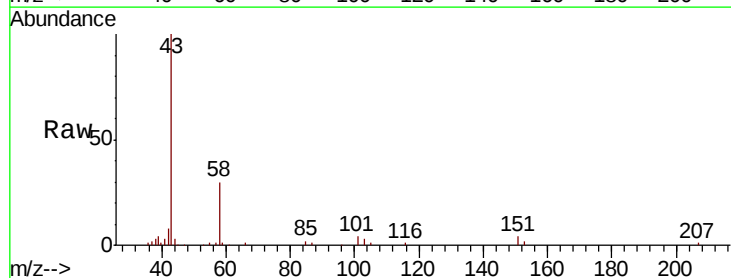
Acq: 24 Mar 2020 12:01

Tgt Ion: 43 Resp: 119860

Ion Ratio Lower Upper

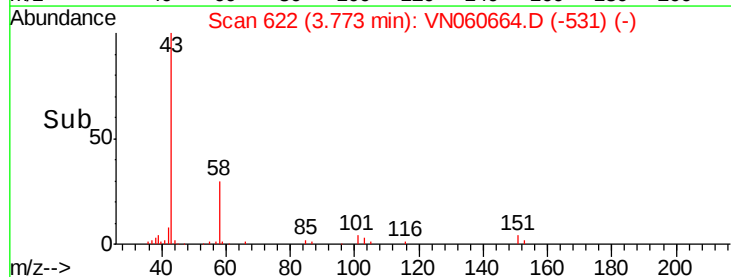
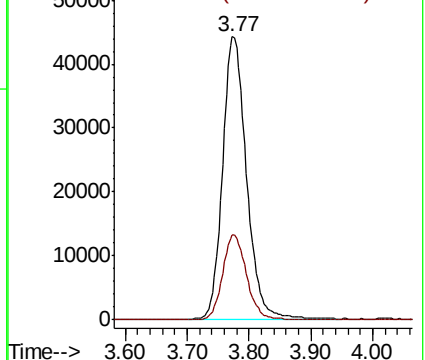
43 100

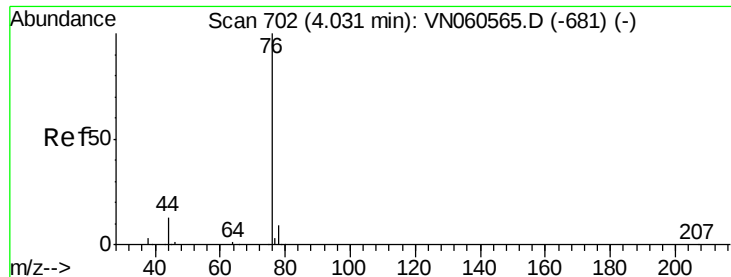
58 29.9 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 19.014 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

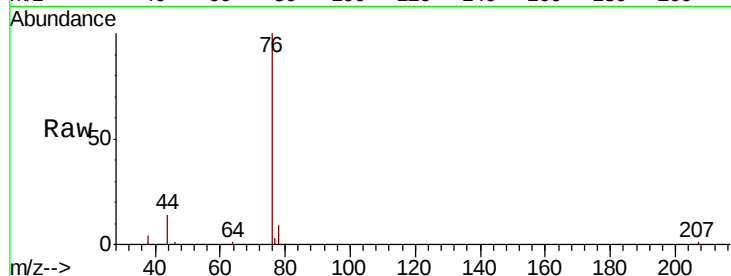
ClientSampled :

Tot Ion: 76 Resp: 126068

Ion Ratio Lower Upper

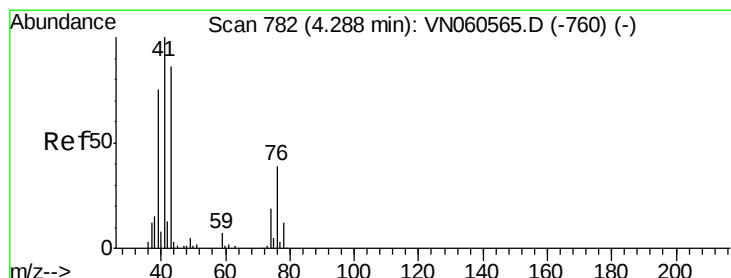
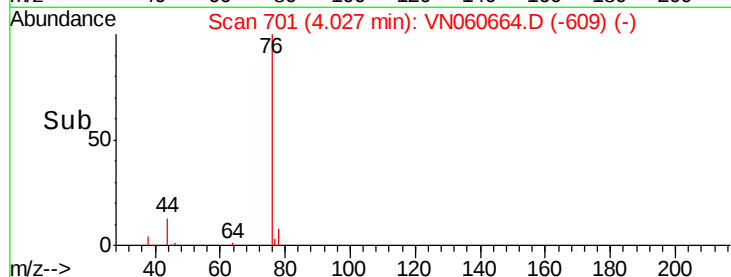
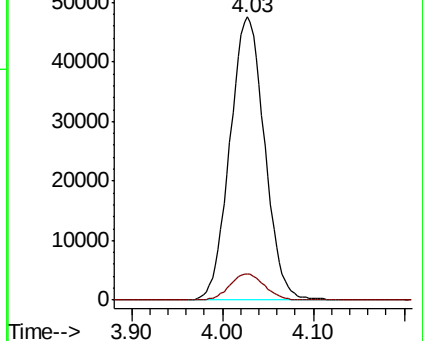
76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060565.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN060565.D (-681) (-)



#18

Methyl Acetate

Concen: 19.862 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060664.D

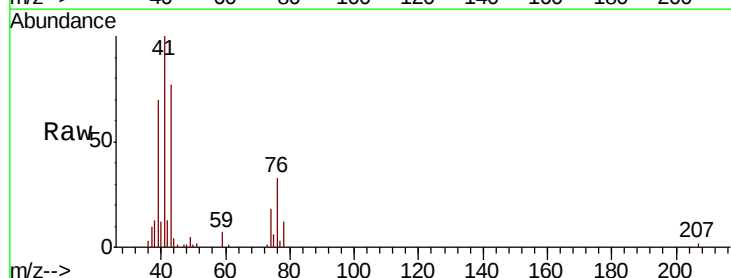
Acq: 24 Mar 2020 12:01

Tgt Ion: 43 Resp: 54739

Ion Ratio Lower Upper

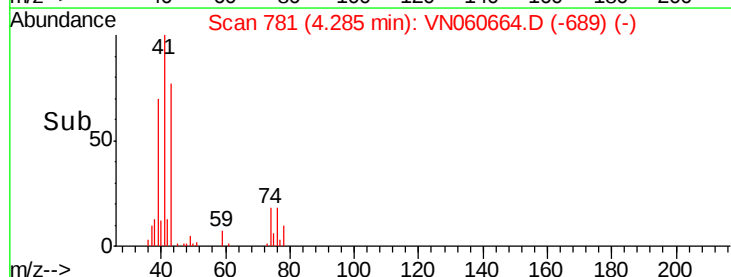
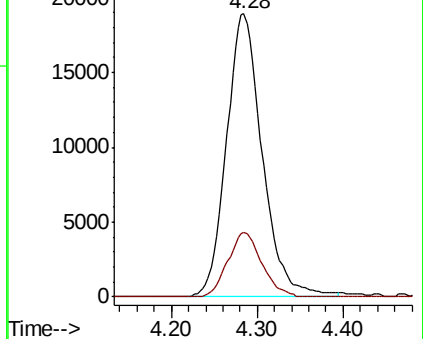
43 100

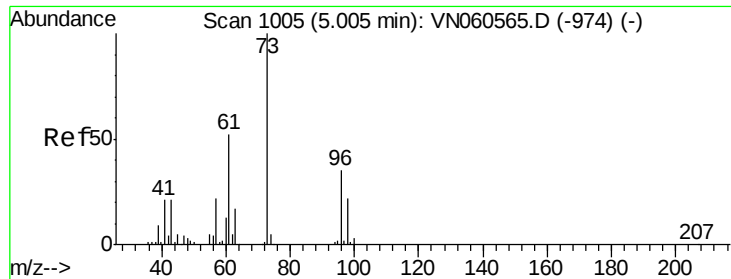
74 21.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-760) (-)

Ion 74.00 (73.70 to 74.70): VN060565.D (-760) (-)

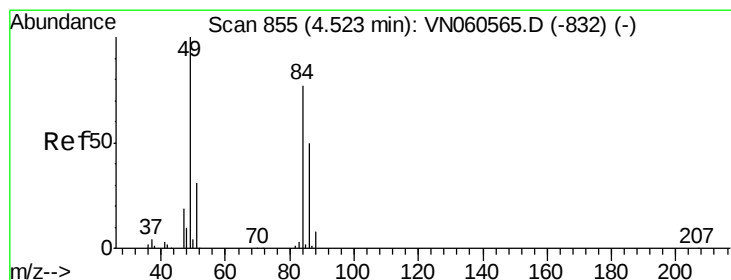
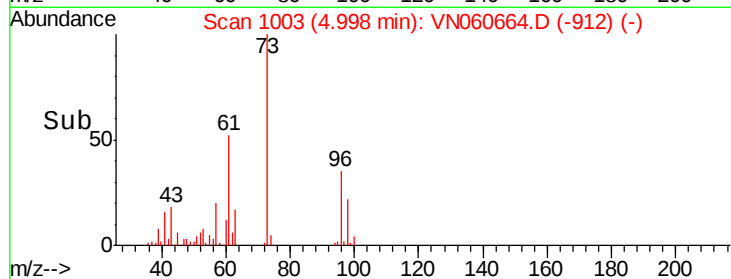
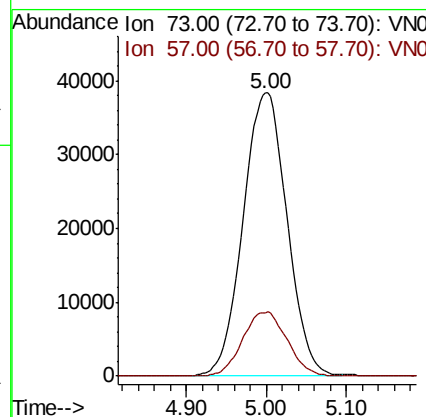
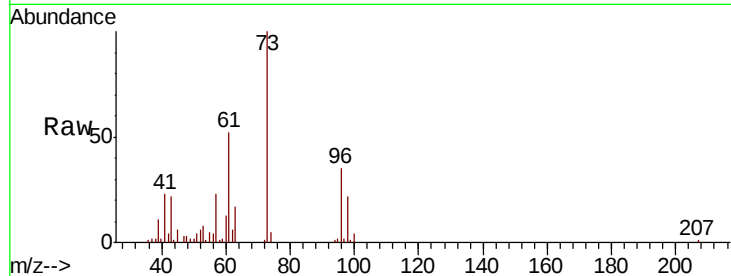




#19
Methvl tert-butvl Ether
Concen: 19.203 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

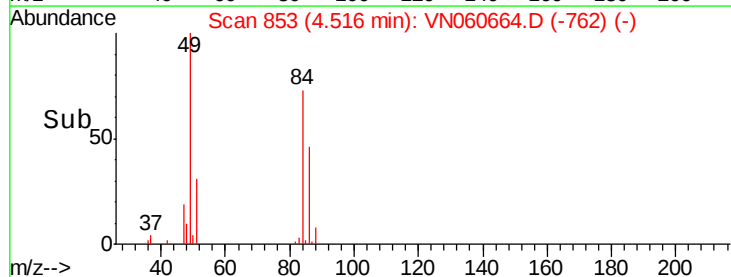
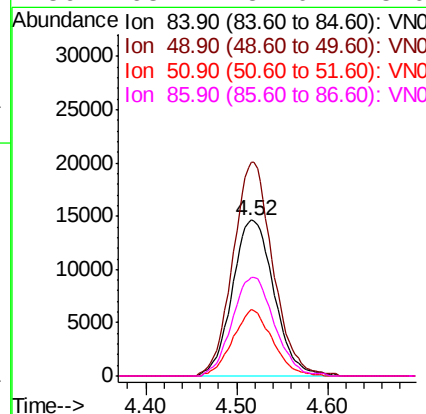
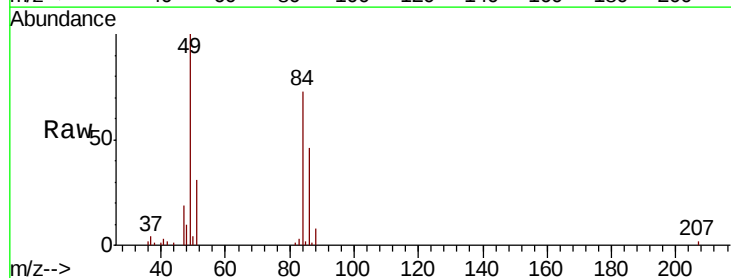
Instrument :
MSVOA_N
ClientSampled :

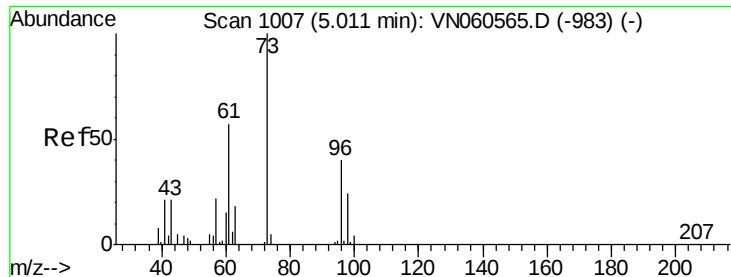
Tot Ion: 73 Resp: 143933
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3



#20
Methylene Chloride
Concen: 19.379 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 84 Resp: 46676
Ion Ratio Lower Upper
84 100
49 137.3 103.3 154.9
51 42.8 31.6 47.4
86 63.1 52.0 78.0

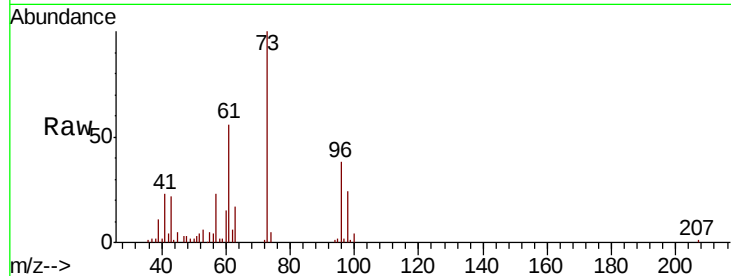




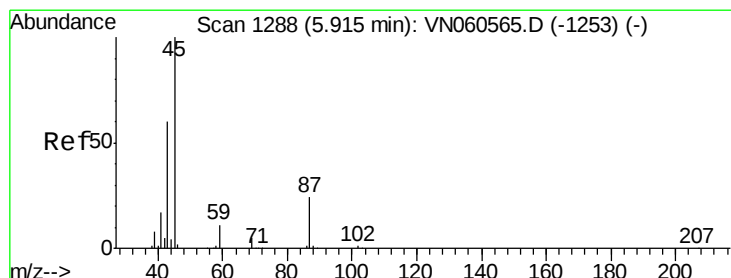
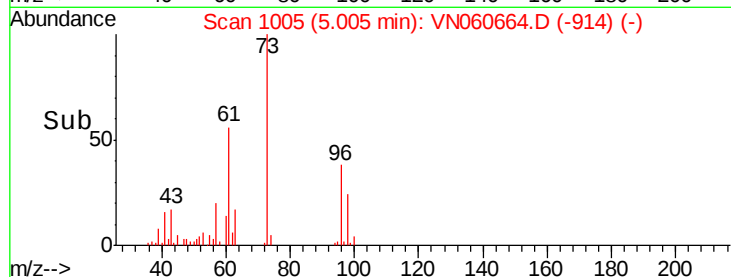
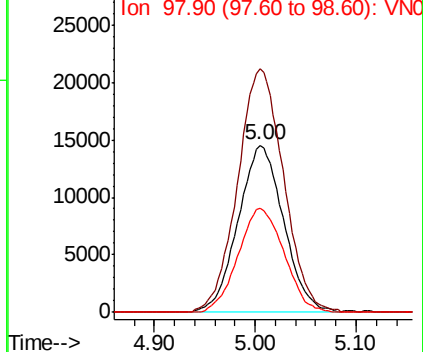
#21
trans-1,2-Dichloroethene
Concen: 19.562 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 45451
Ion Ratio Lower Upper
96 100
61 145.9 114.4 171.6
98 62.6 48.4 72.6

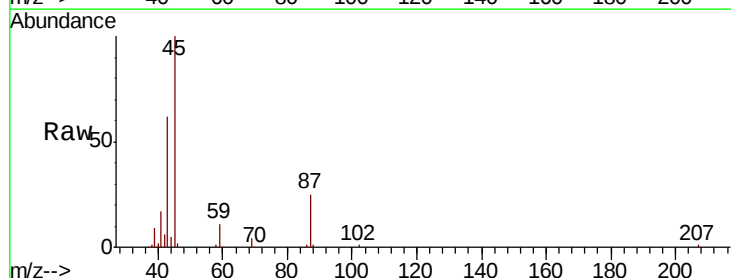


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

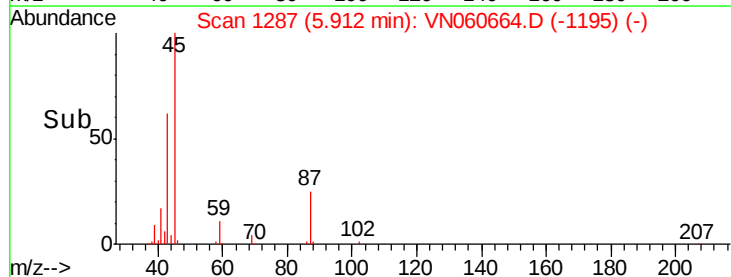
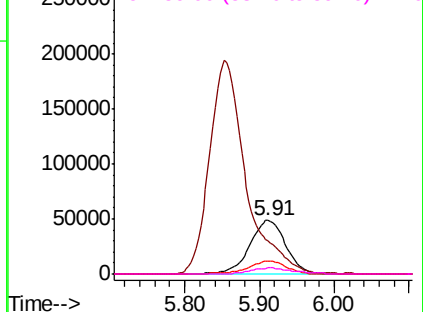


#22
Diisopropyl ether
Concen: 20.126 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 45 Resp: 163029
Ion Ratio Lower Upper
45 100
43 60.4 49.8 74.8
87 25.2 20.1 30.1
59 10.6 9.2 13.8



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





#23

Vinyl Acetate

Concen: 98.981 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

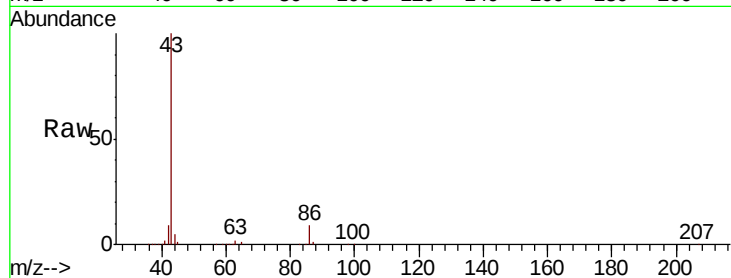
ClientSampled :

Tot Ion: 43 Resp: 654196

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1246) (-)

Ion 86.00 (85.70 to 86.70): VN060565.D (-1246) (-)

5.85

200000

150000

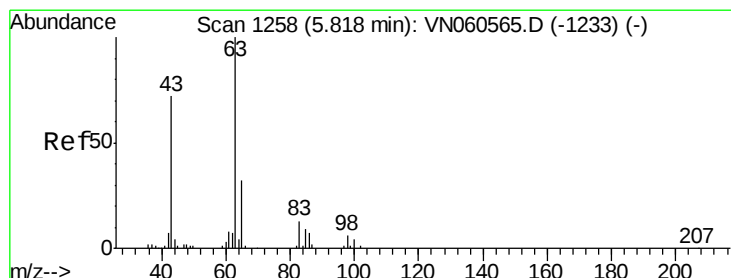
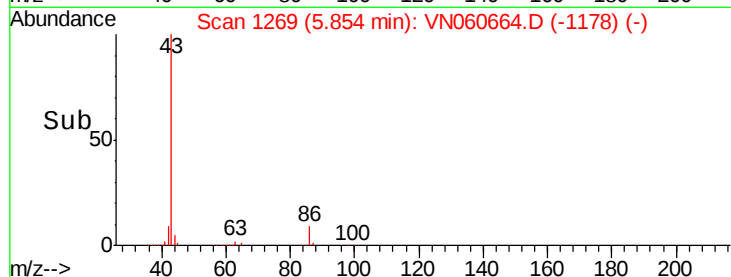
100000

50000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 19.722 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

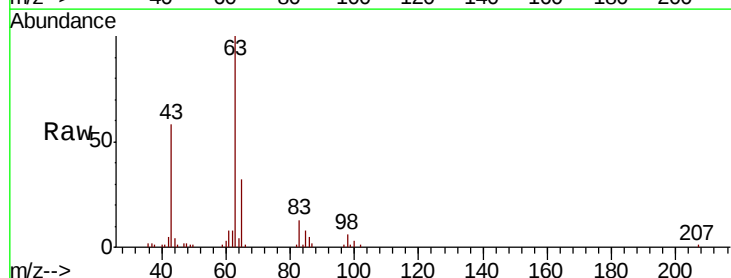
Tgt Ion: 63 Resp: 87091

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060565.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN060565.D (-1233) (-)

5.81

30000

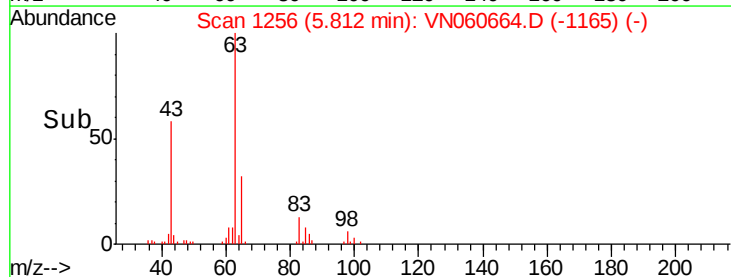
20000

10000

0

Time-->

5.70 5.80 5.90

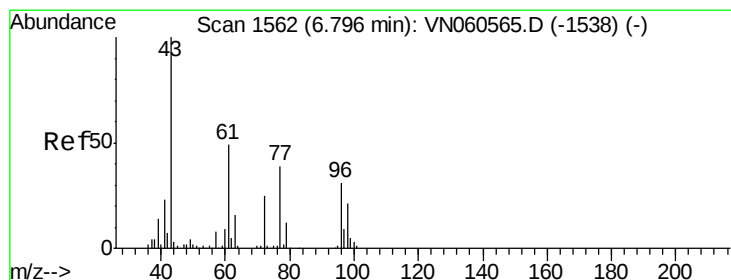
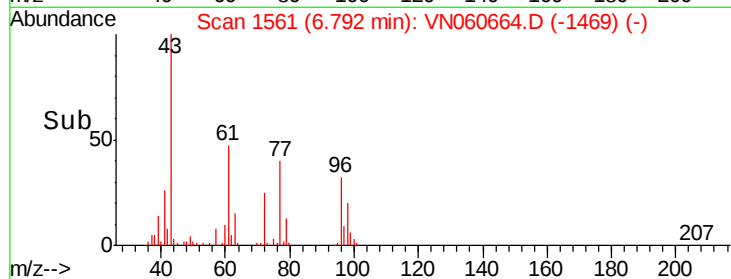
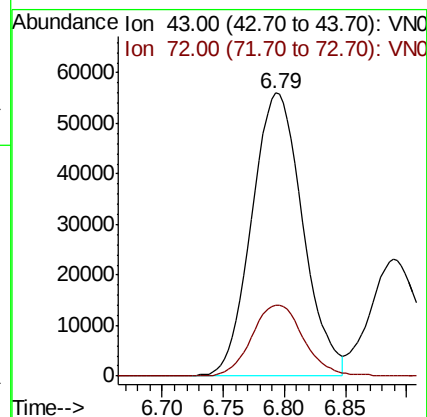
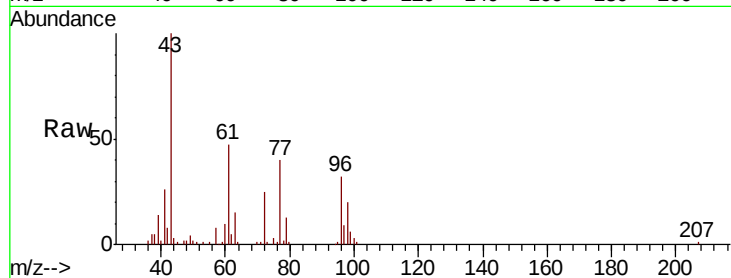




#25
2-Butanone
Concen: 102.636 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

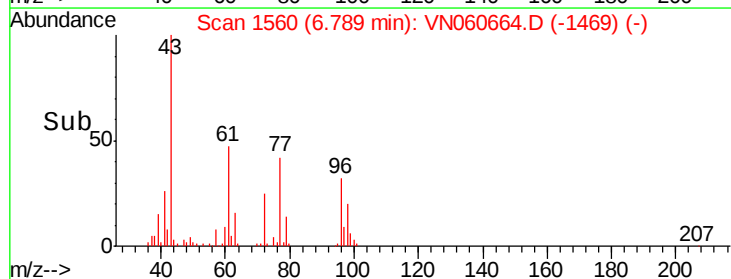
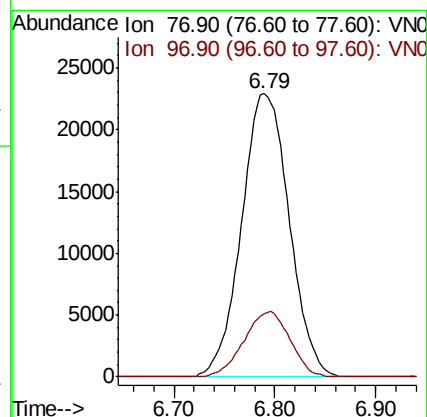
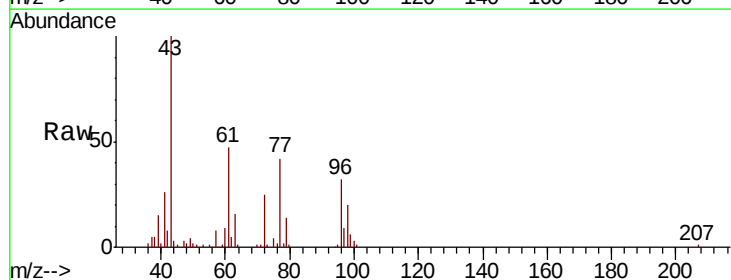
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 162613
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 21.599 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 77 Resp: 75046
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 19.725 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

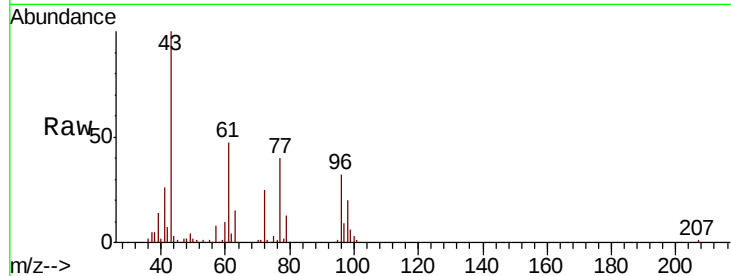
Tot Ion: 96 Resp: 52080

Ion Ratio Lower Upper

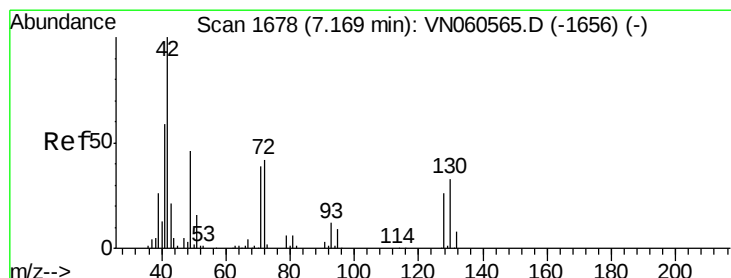
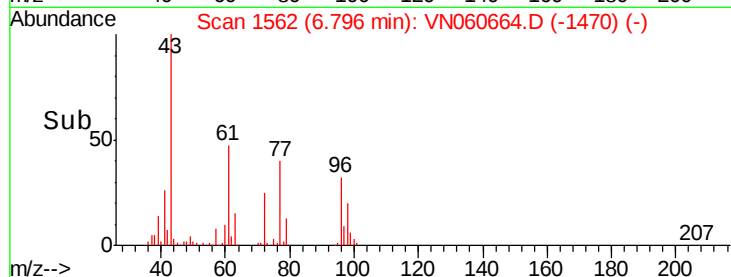
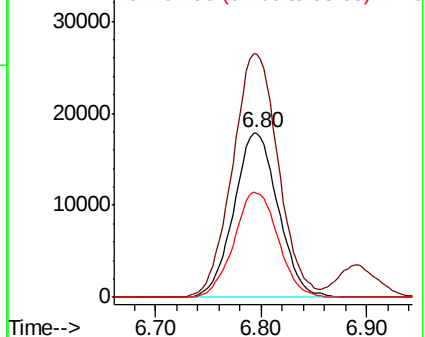
96 100

61 153.5 0.0 305.6

98 63.9 0.0 127.6



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



#28

Bromochloromethane

Concen: 19.971 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

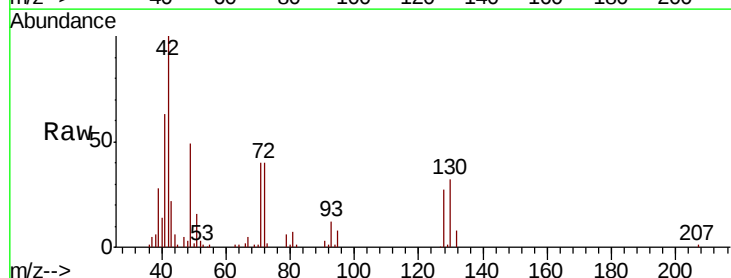
Tgt Ion: 49 Resp: 42194

Ion Ratio Lower Upper

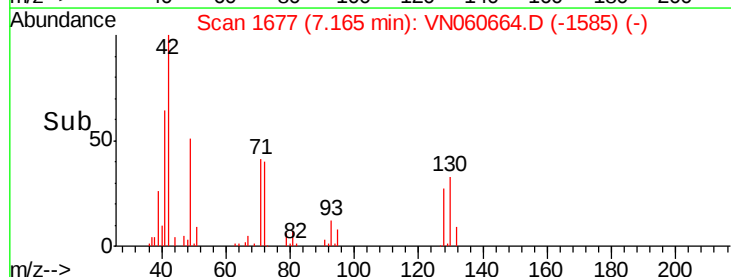
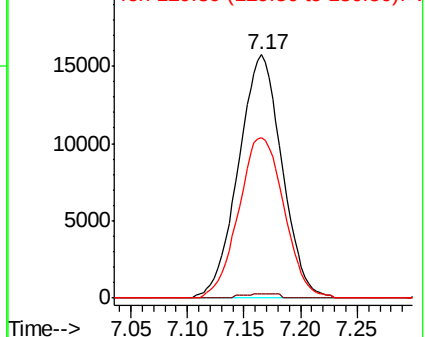
49 100

129 1.4 0.0 3.4

130 68.7 55.0 82.4



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

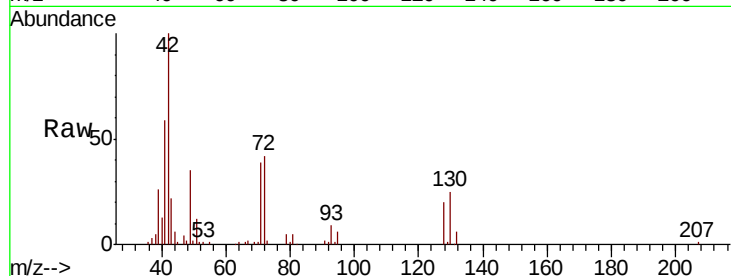




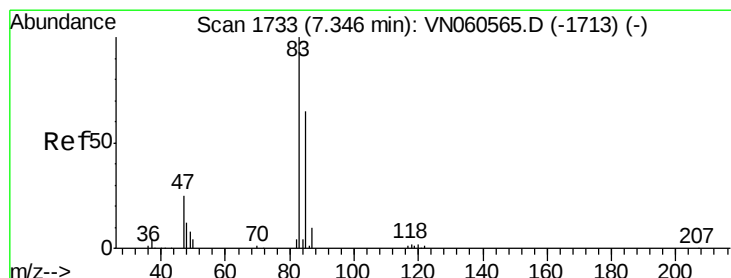
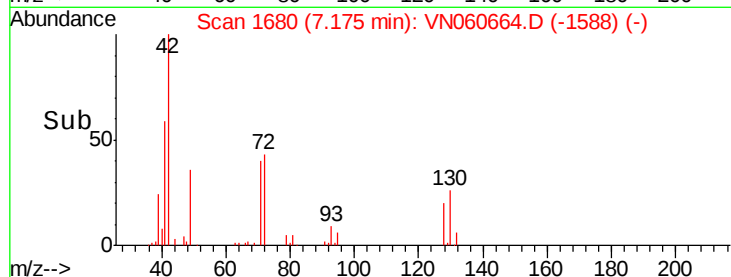
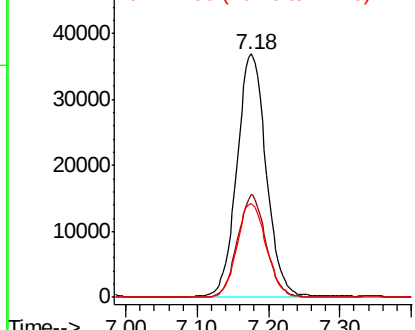
#29
Tetrahydrofuran
Concen: 94.984 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 106478
Ion Ratio Lower Upper
42 100
72 40.6 33.2 49.8
71 38.4 31.1 46.7

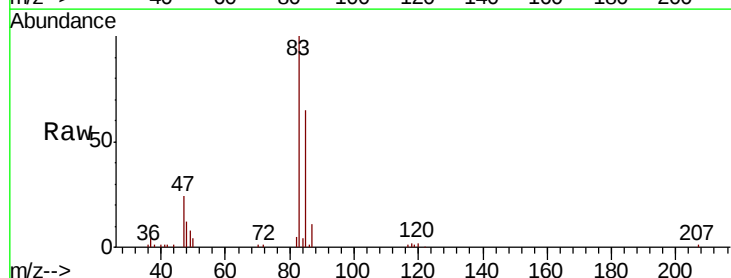


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

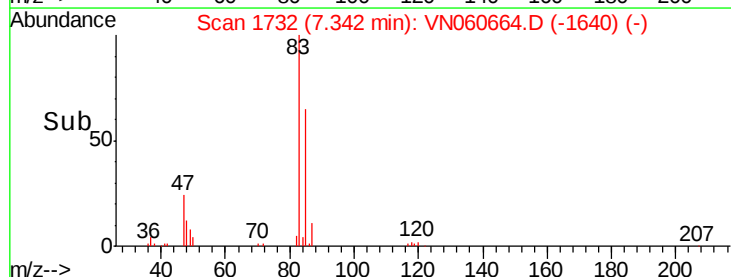
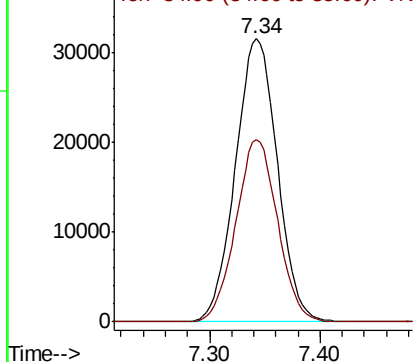


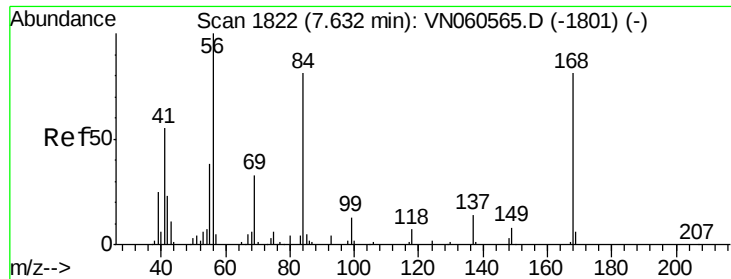
#30
Chloroform
Concen: 19.645 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 83 Resp: 83164
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.8



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

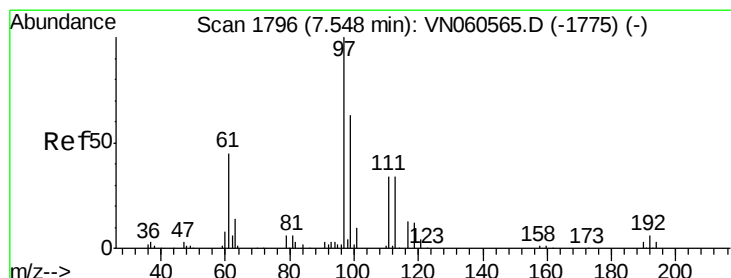
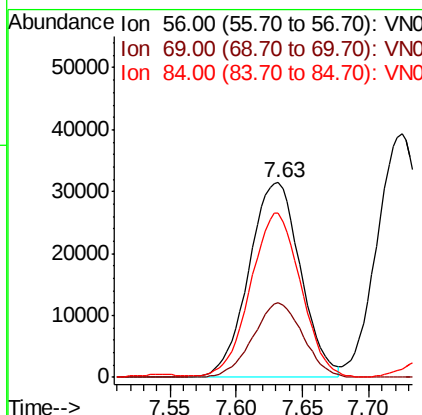
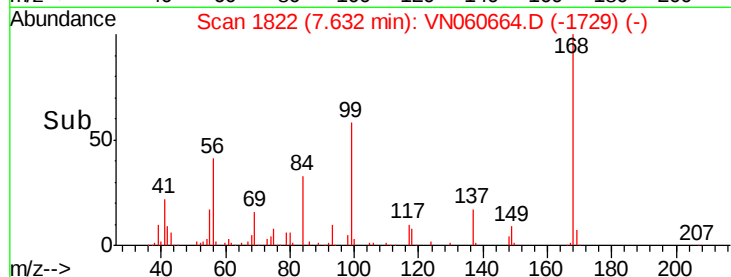
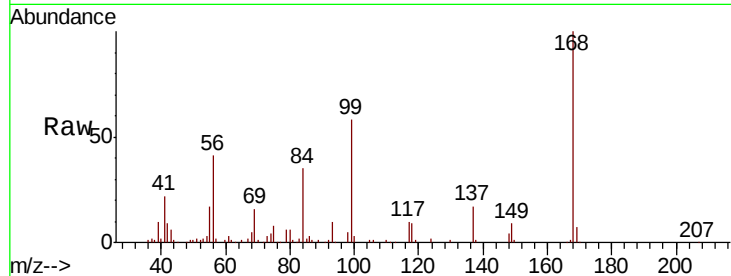




#31
Cyclohexane
Concen: 19.249 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

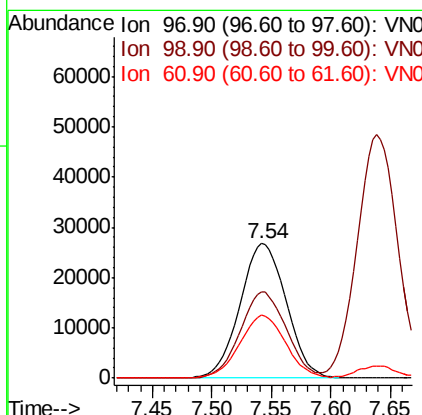
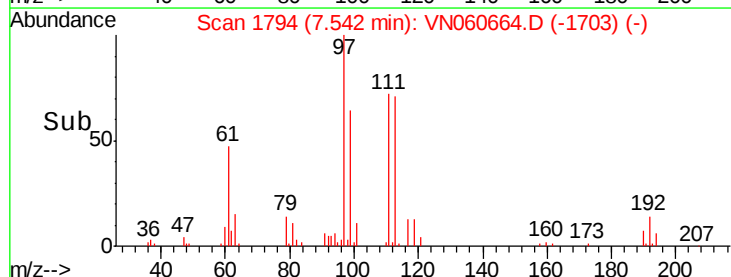
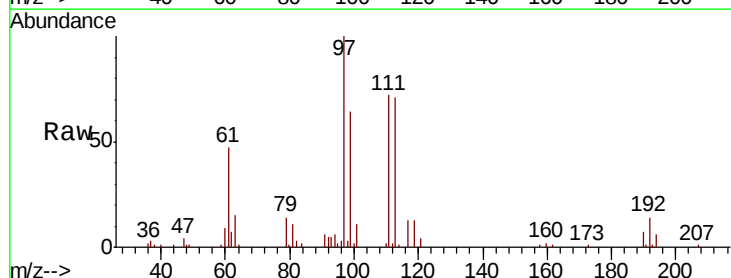
Instrument :
MSVOA_N
ClientSampled :

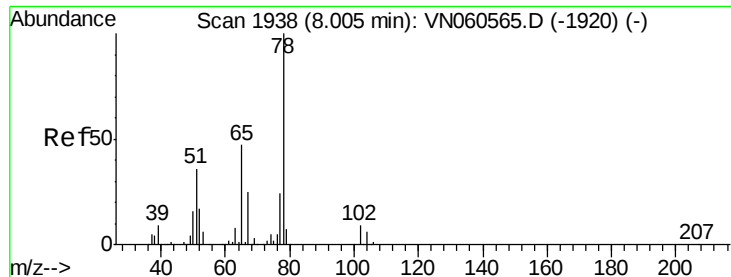
Tot Ion: 56 Resp: 85697
Ion Ratio Lower Upper
56 100
69 38.4 26.6 40.0
84 83.4 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.737 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 97 Resp: 72031
Ion Ratio Lower Upper
97 100
99 64.0 50.6 75.8
61 46.3 36.2 54.4

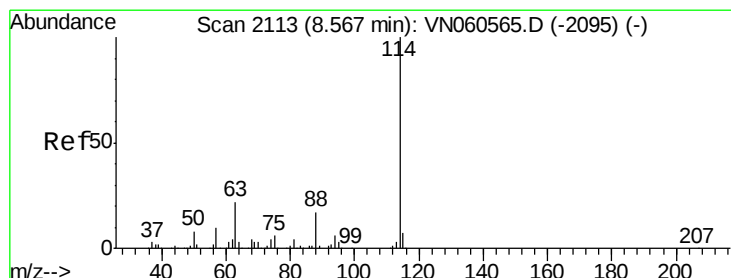
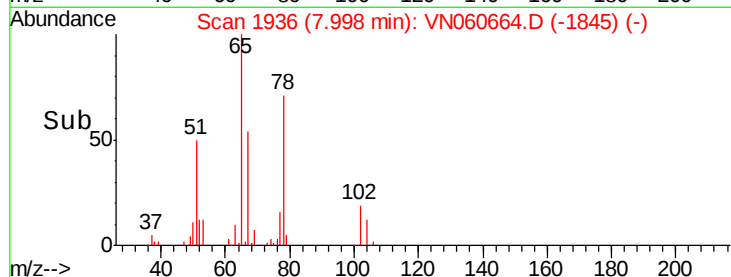
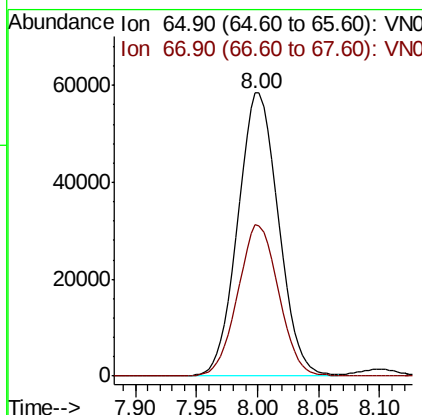
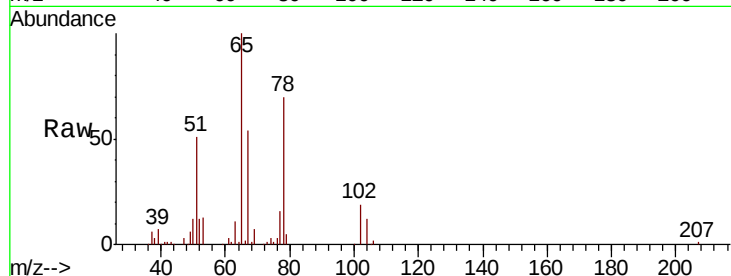




#33
 1,2-Dichloroethane-d4
 Concen: 48.879 ug/l
 RT: 8.00 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

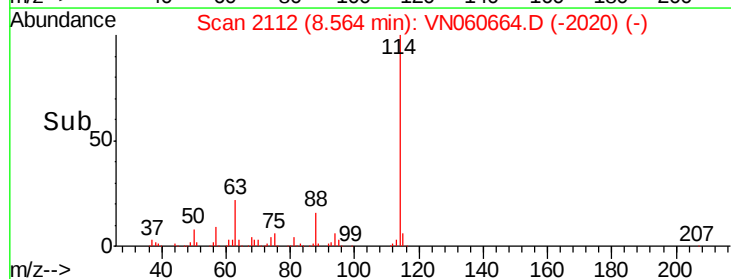
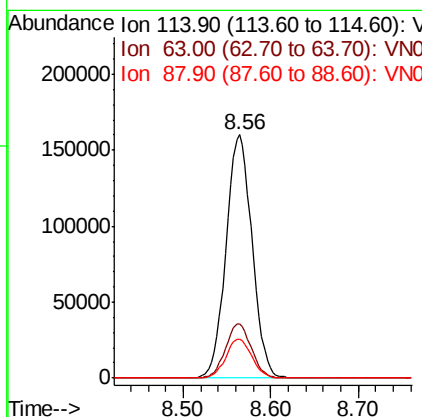
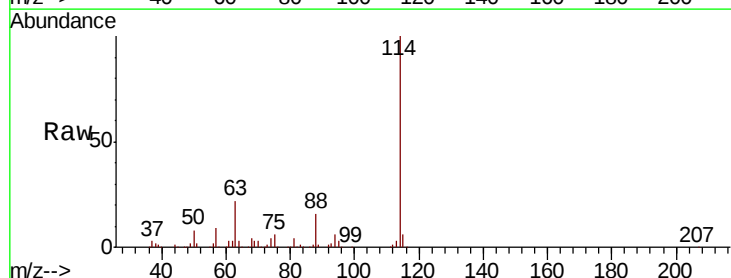
Instrument :
 MSVOA_N
 ClientSampleId :

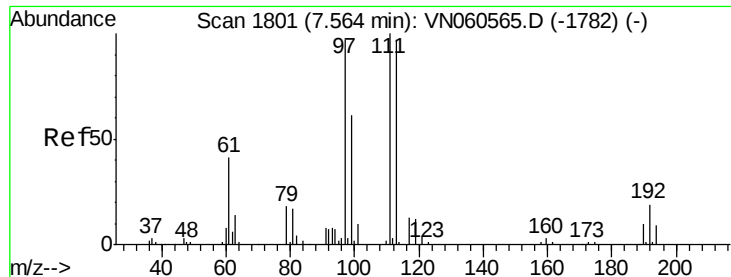
Tot Ion: 65 Resp: 135107
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 114 Resp: 330779
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.0 0.0 33.0

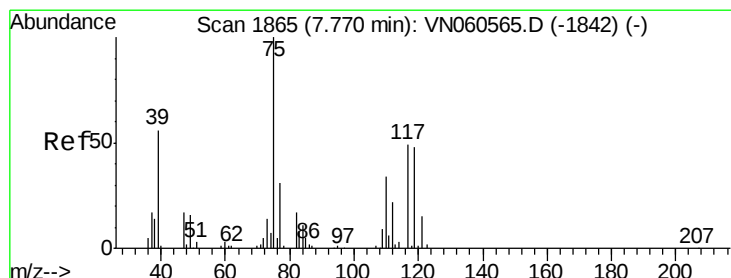
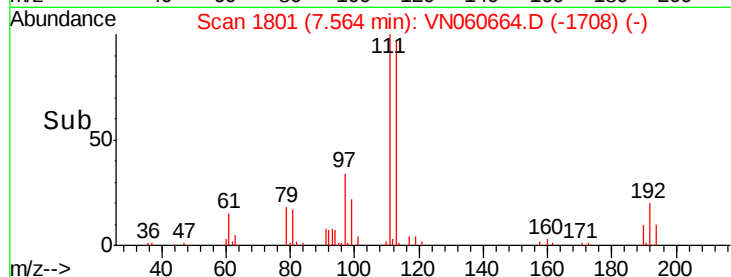
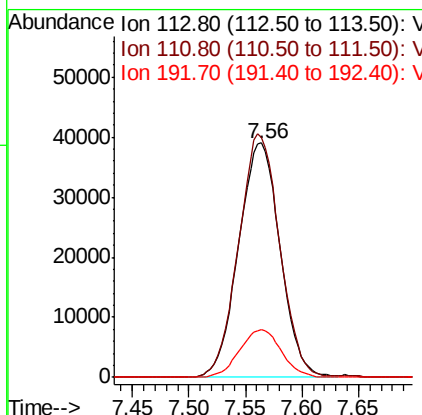
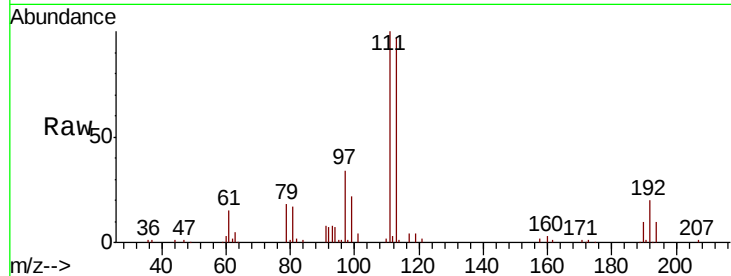




#35
 Dibromofluoromethane
 Concen: 49.871 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

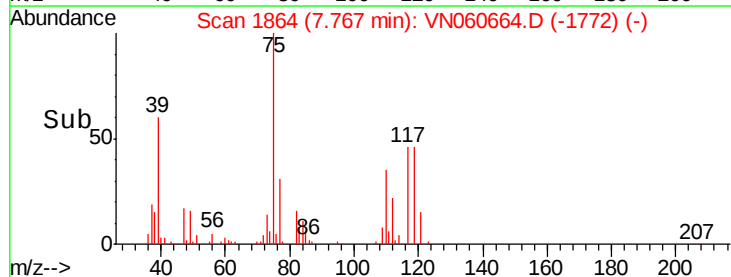
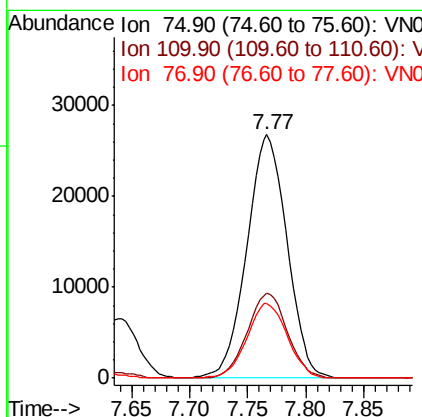
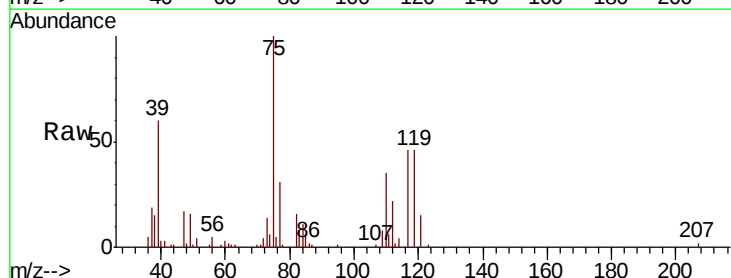
Instrument :
 MSVOA_N
 ClientSampled :

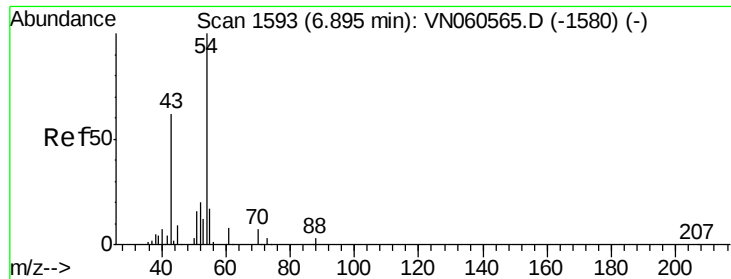
Tot Ion:113 Resp: 99748
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 20.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 20.179 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 75 Resp: 64632
 Ion Ratio Lower Upper
 75 100
 110 34.7 16.9 50.6
 77 31.0 24.6 36.8

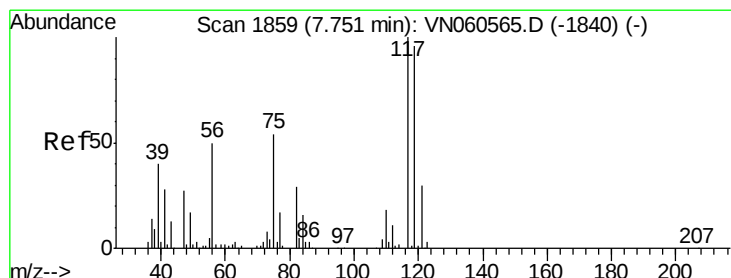
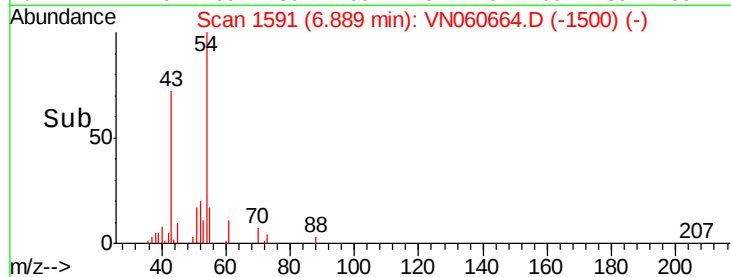
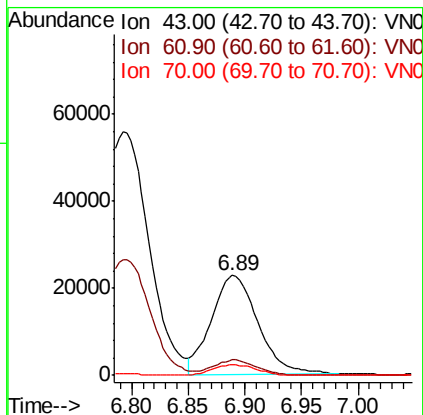
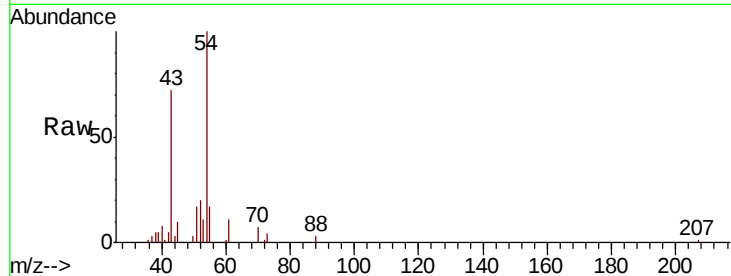




#37
Ethyl Acetate
Concen: 18.795 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

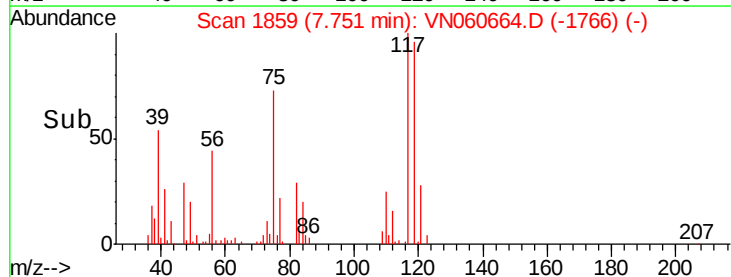
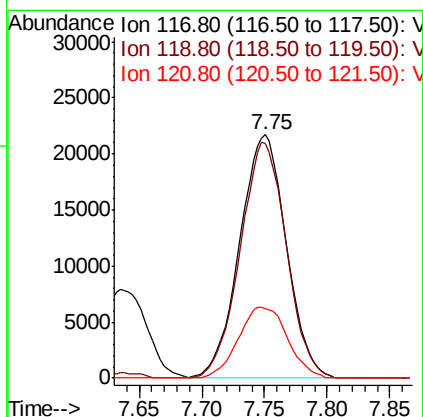
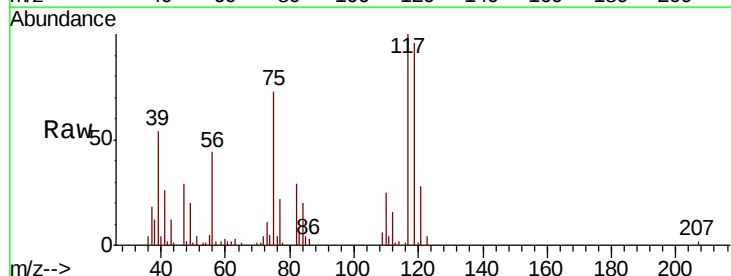
Instrument :
MSVOA_N
ClientSampled :

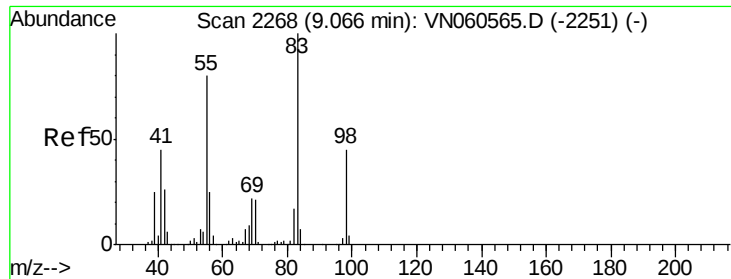
Tot Ion: 43 Resp: 65046
Ion Ratio Lower Upper
43 100
61 14.6 10.6 15.8
70 10.0 7.9 11.9



#38
Carbon Tetrachloride
Concen: 19.541 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 117 Resp: 56097
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.2
121 28.4 23.7 35.5

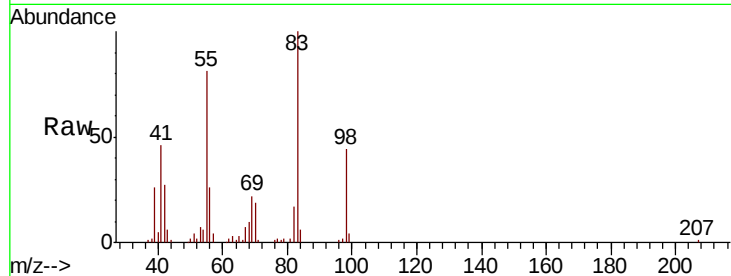




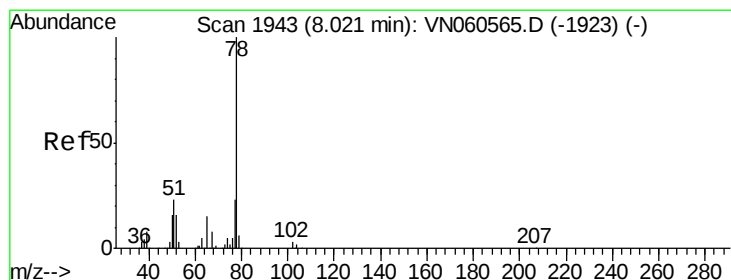
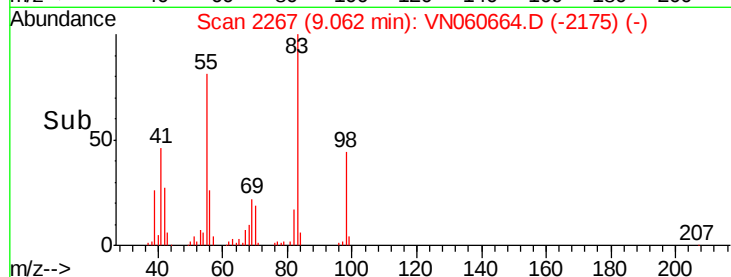
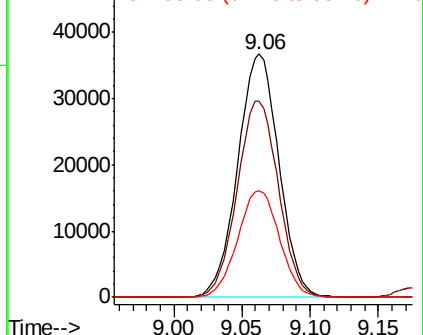
#39
Methvlcvclohexane
Concen: 20.219 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 76960
Ion Ratio Lower Upper
83 100
55 80.8 63.6 95.4
98 43.8 36.0 54.0

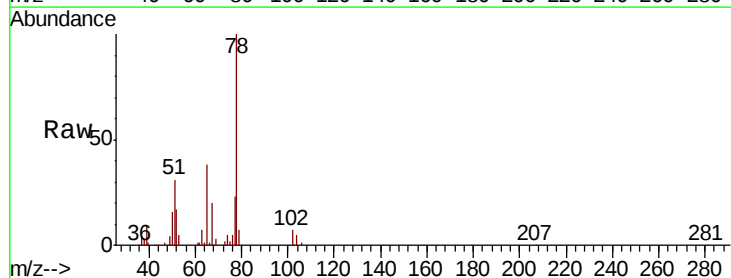


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

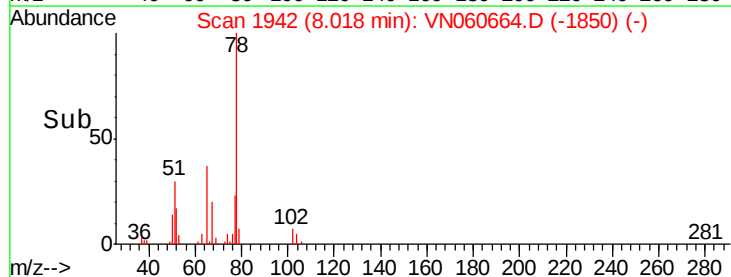
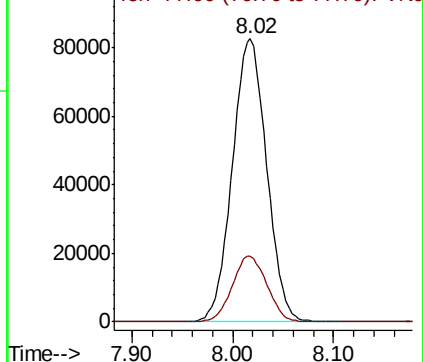


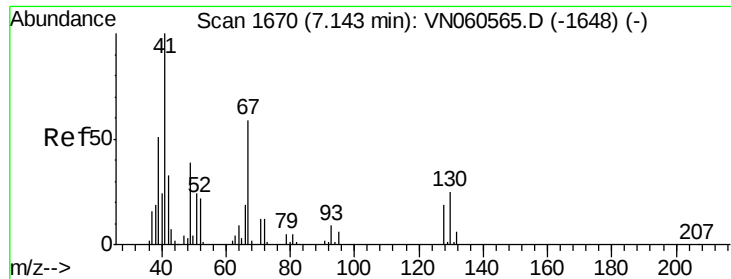
#40
Benzene
Concen: 20.159 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 78 Resp: 194920
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

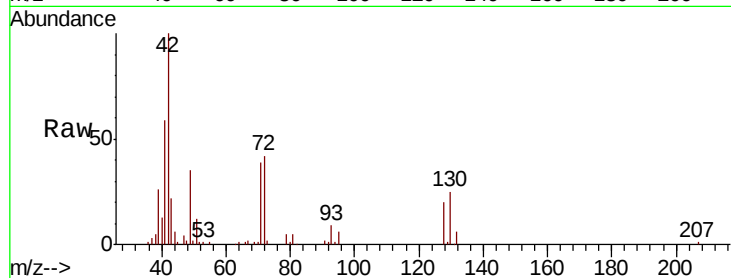




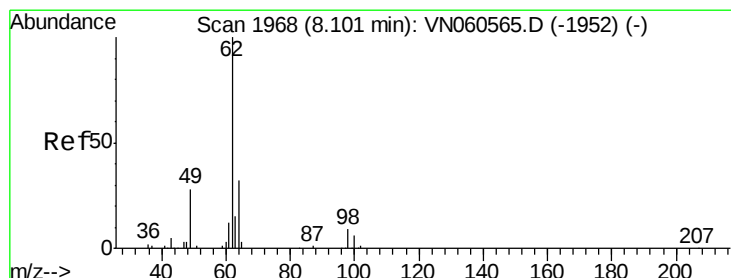
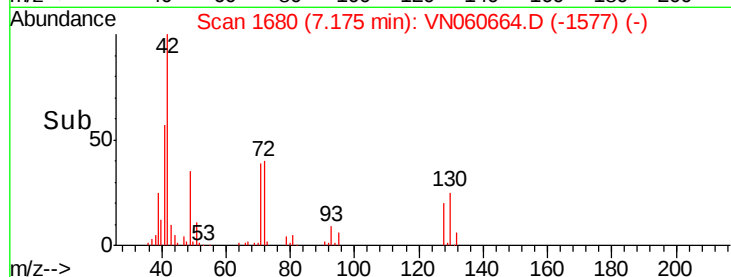
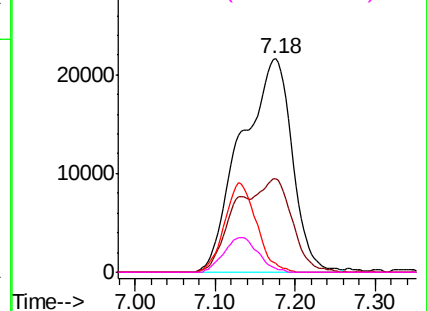
#41
Methacrylonitrile
Concen: 64.415 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	95141
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

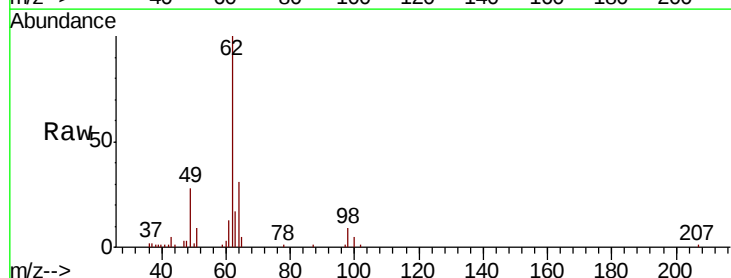


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

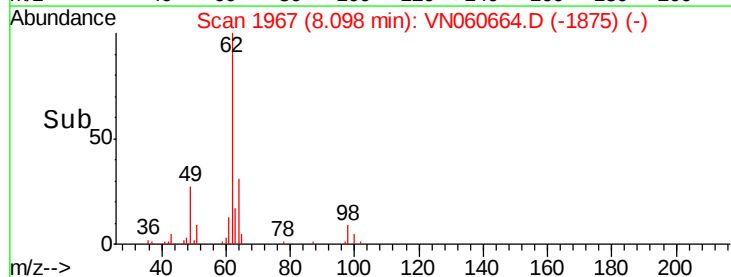
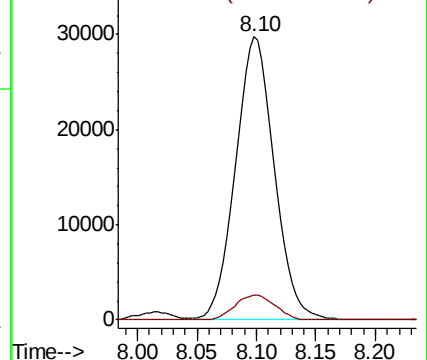


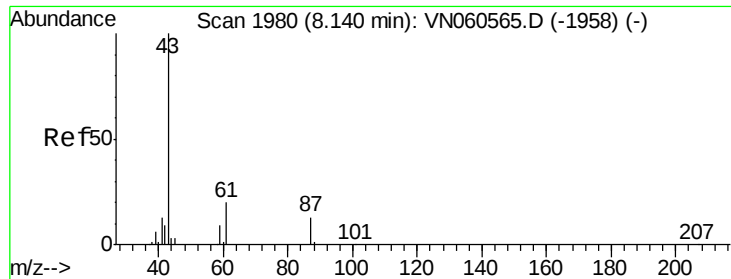
#42
1,2-Dichloroethane
Concen: 20.359 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:	62	Resp:	67273
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

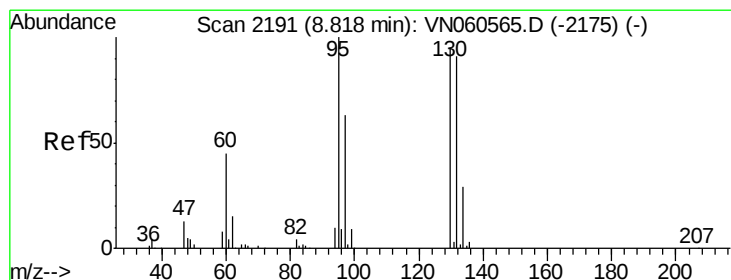
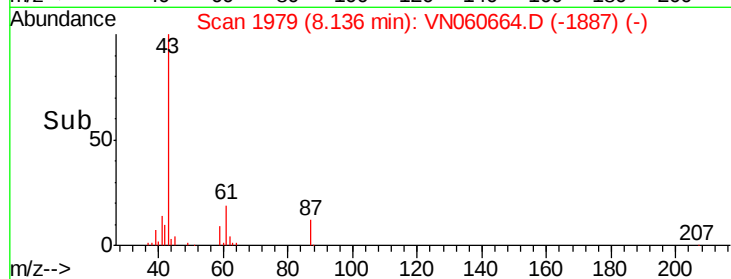
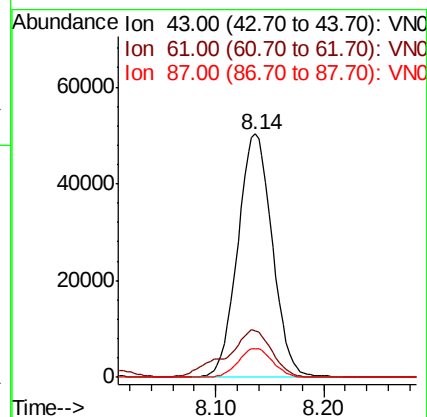
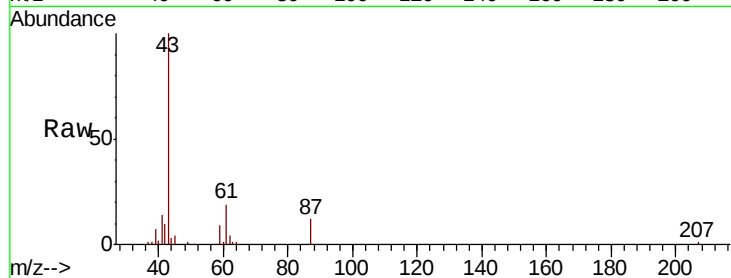




#43
Isopropyl Acetate
Concen: 19.661 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

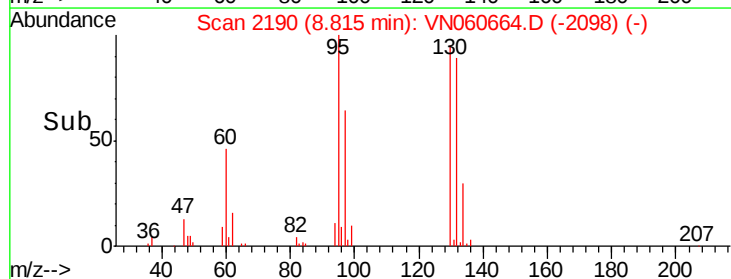
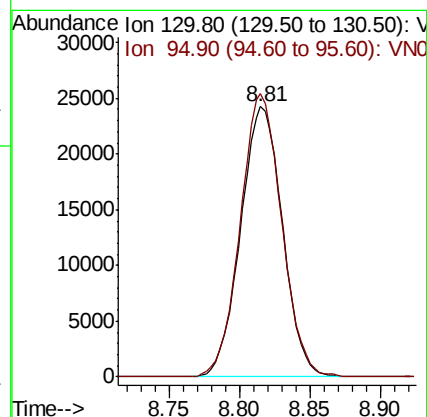
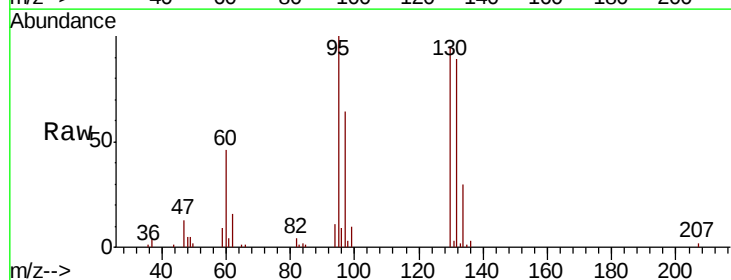
Instrument :
MSVOA_N
ClientSampleId :

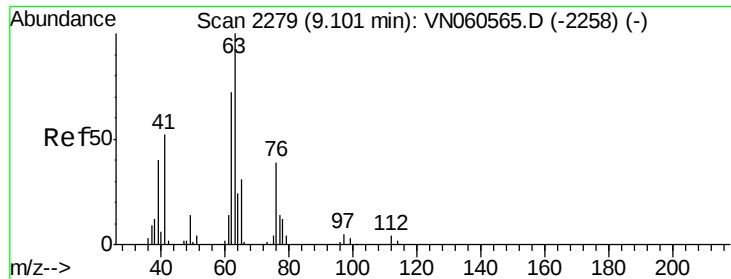
Tot Ion: 43 Resp: 112218
Ion Ratio Lower Upper
43 100
61 25.6 20.7 31.1
87 11.9 9.8 14.8



#44
Trichloroethene
Concen: 20.657 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:130 Resp: 50350
Ion Ratio Lower Upper
130 100
95 104.9 0.0 211.2





#45

1,2-Dichloropropane

Concen: 20.157 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

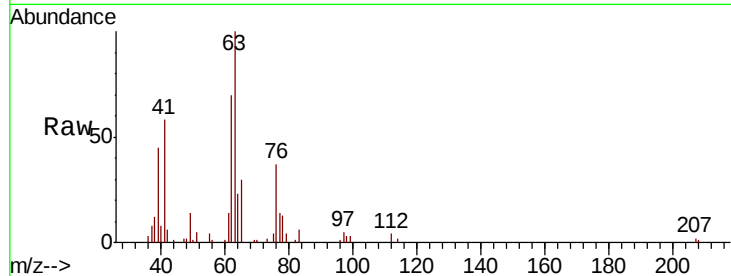
ClientSampled :

Tot Ion: 63 Resp: 51428

Ion Ratio Lower Upper

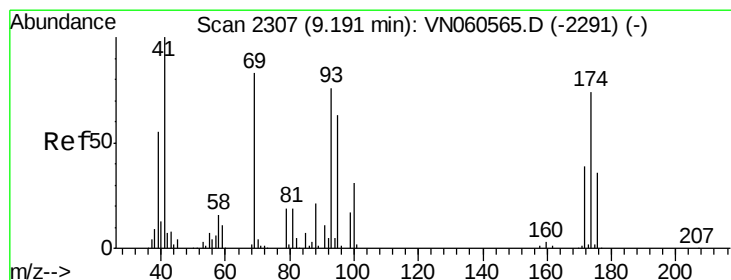
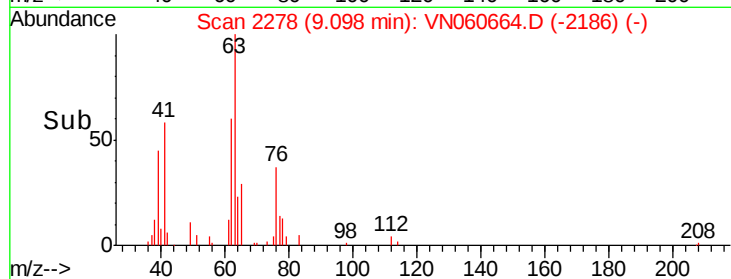
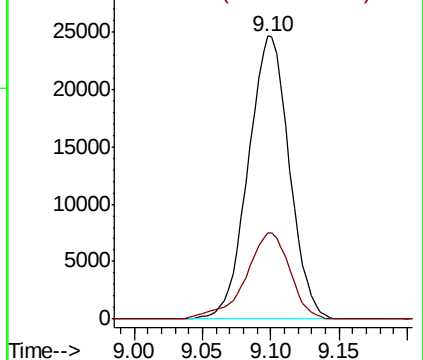
63 100

65 30.4 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.320 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

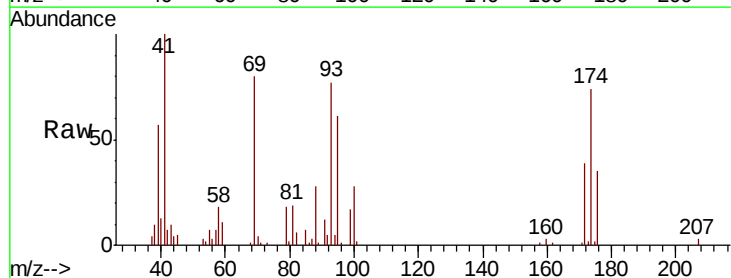
Tgt Ion: 93 Resp: 31342

Ion Ratio Lower Upper

93 100

95 80.3 66.2 99.4

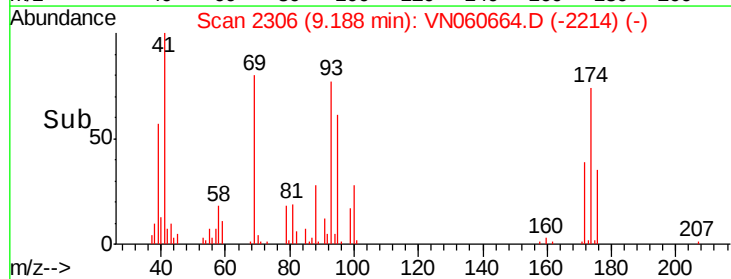
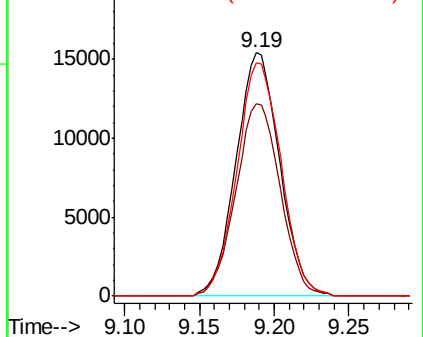
174 96.7 77.9 116.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.732 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

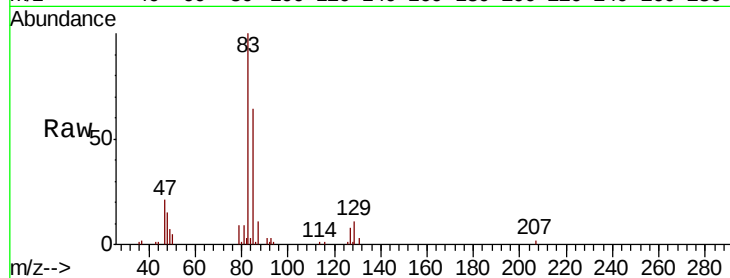
Tot Ion: 83 Resp: 63244

Ion Ratio Lower Upper

83 100

85 63.6 51.8 77.6

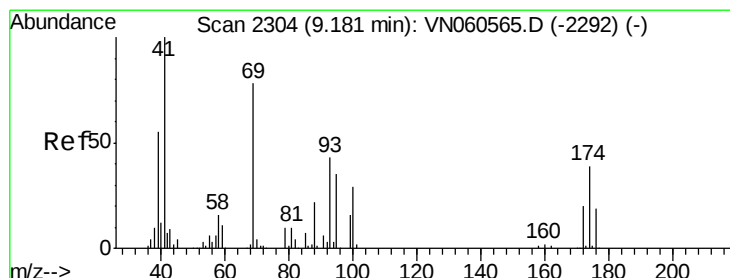
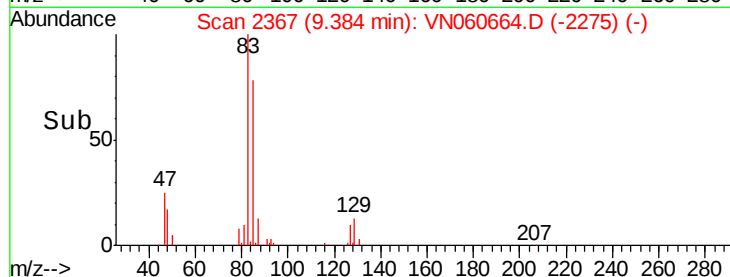
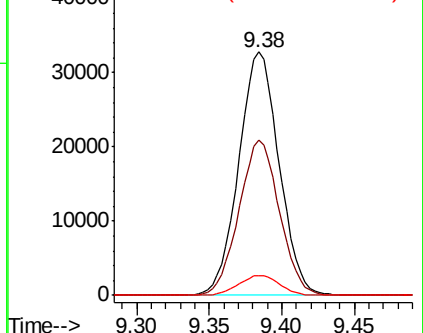
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060565.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN060565.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN060565.D (-2352) (-)



#48

Methyl methacrylate

Concen: 18.921 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

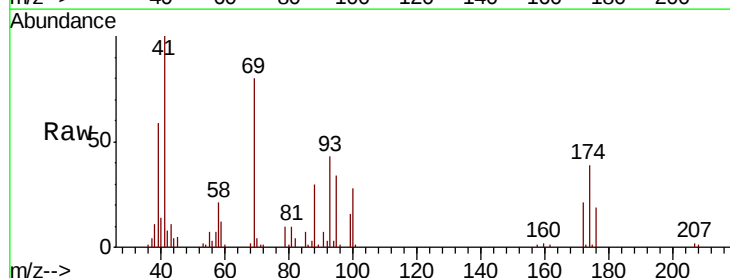
Tgt Ion: 41 Resp: 48081

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.0

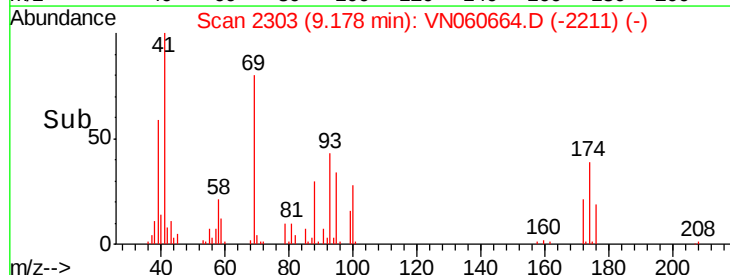
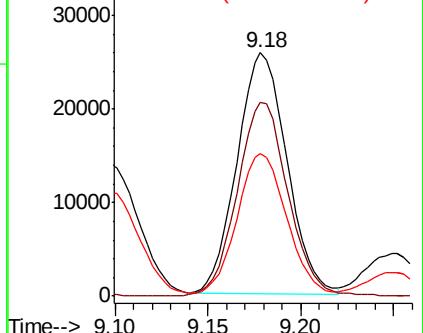
39 56.9 44.0 66.0

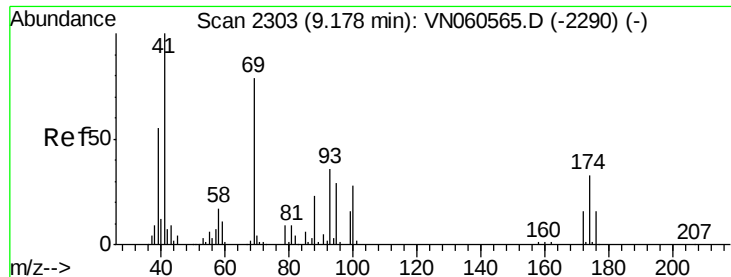


Abundance Ion 41.00 (40.70 to 41.70): VN060565.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN060565.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN060565.D (-2292) (-)

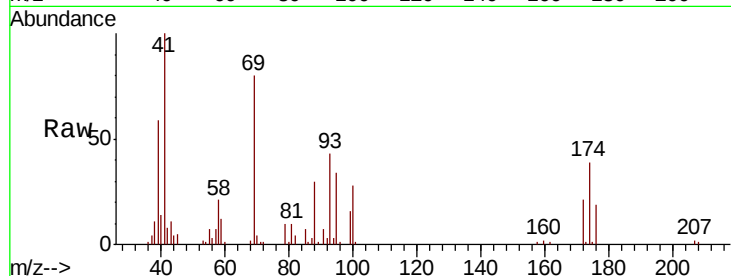




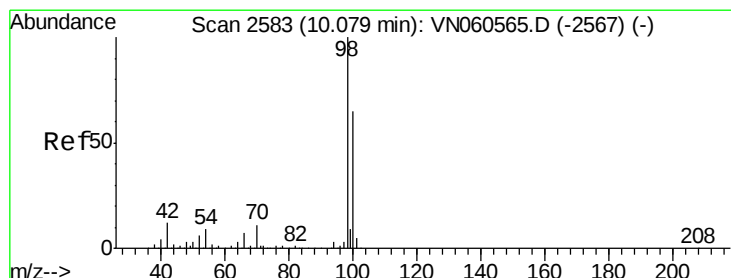
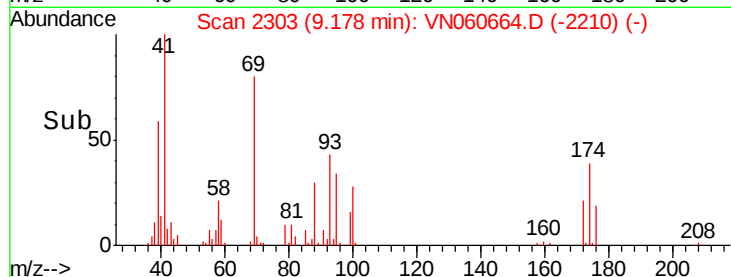
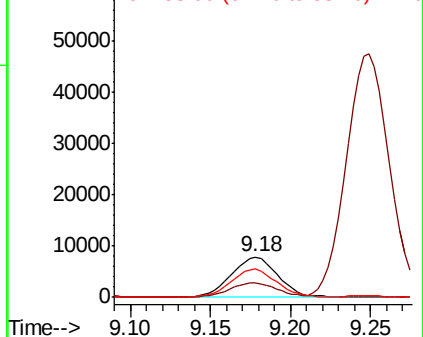
#49
1,4-Dioxane
Concen: 513.222 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 15502
Ion Ratio Lower Upper
88 100
43 36.8 30.8 46.2
58 70.4 59.8 89.8

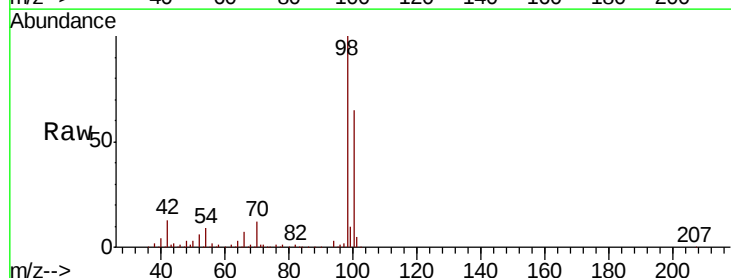


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

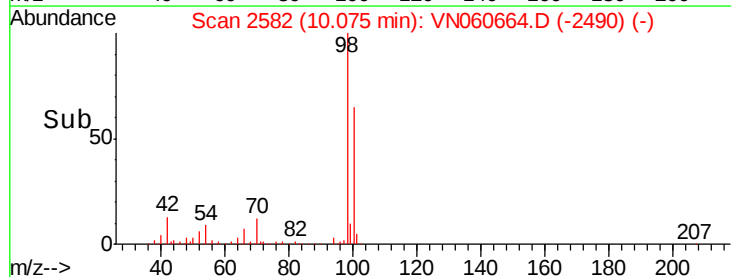
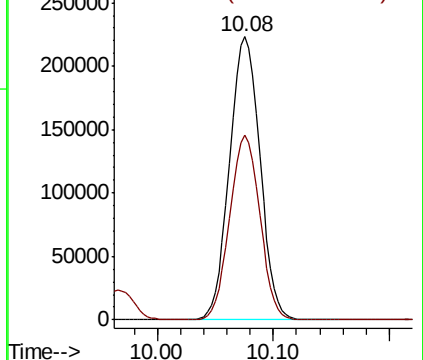


#50
Toluene-d8
Concen: 49.675 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 98 Resp: 405832
Ion Ratio Lower Upper
98 100
100 64.5 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: 99.153 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

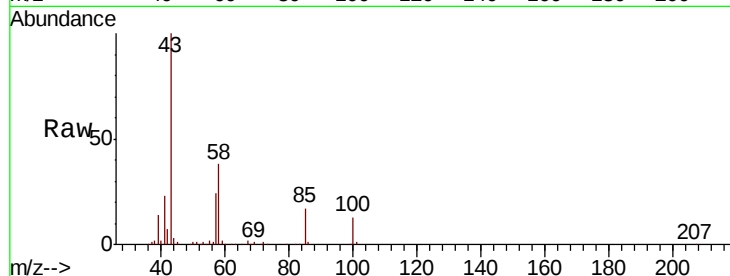
ClientSampled :

Tot Ion: 43 Resp: 322041

Ion Ratio Lower Upper

43 100

58 37.8 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

200000

150000

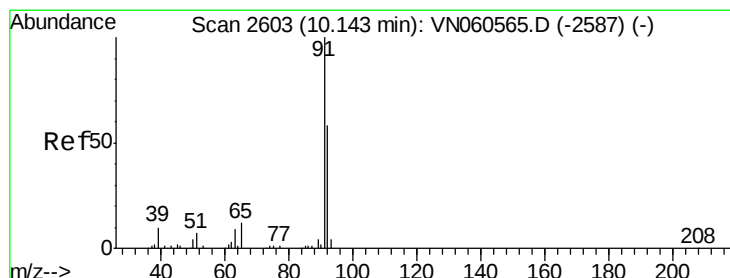
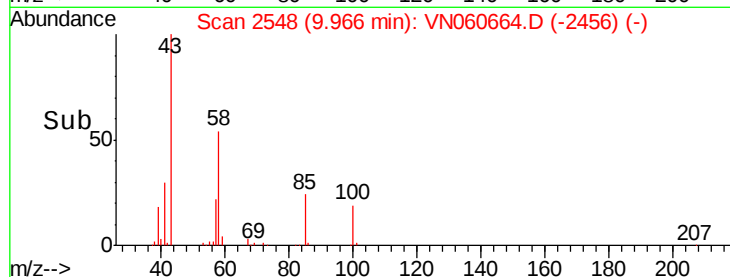
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 19.936 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060664.D

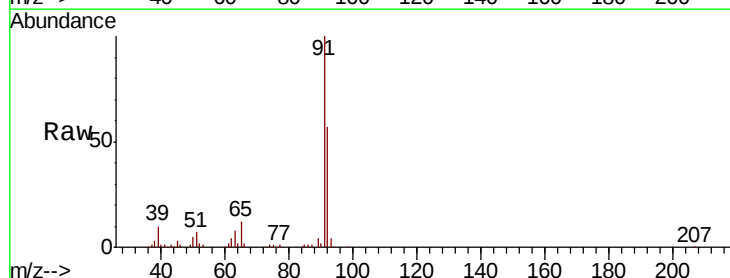
Acq: 24 Mar 2020 12:01

Tgt Ion: 92 Resp: 116413

Ion Ratio Lower Upper

92 100

91 174.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

120000

100000

80000

60000

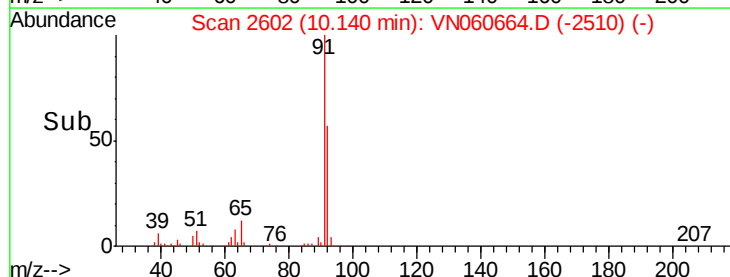
40000

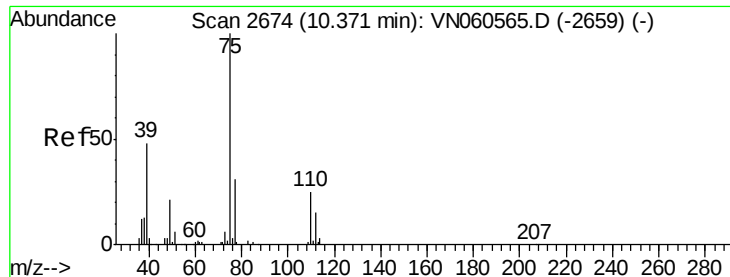
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.300 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

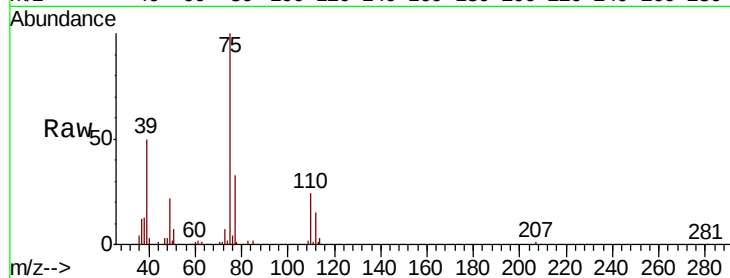
ClientSampleId :

Tot Ion: 75 Resp: 74740

Ion Ratio Lower Upper

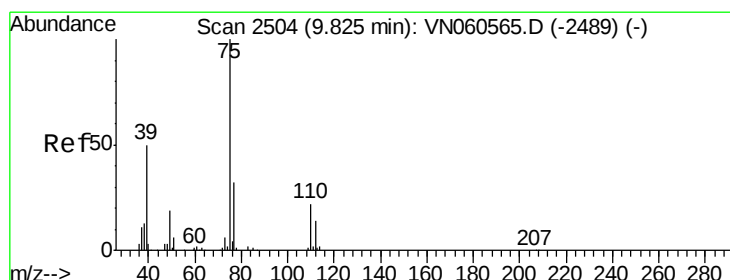
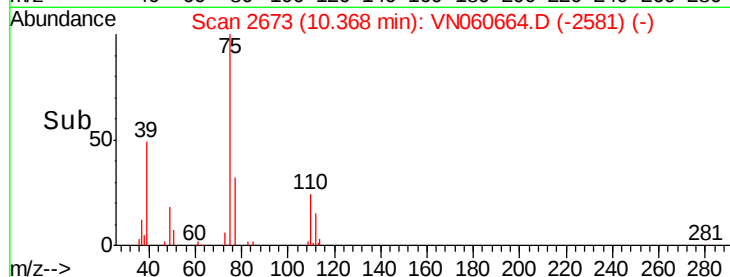
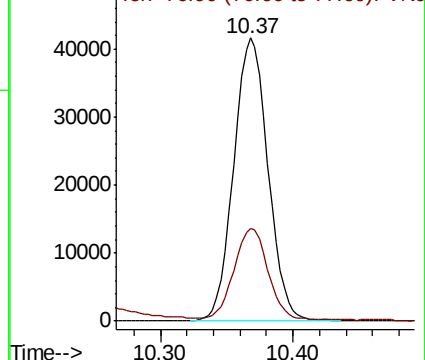
75 100

77 32.3 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.497 ug/l

RT: 9.82 min Scan# 2503

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

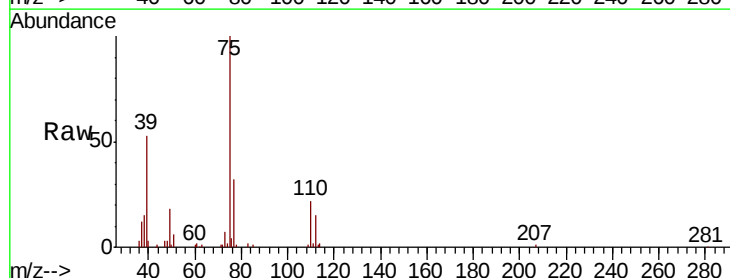
Tgt Ion: 75 Resp: 82789

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

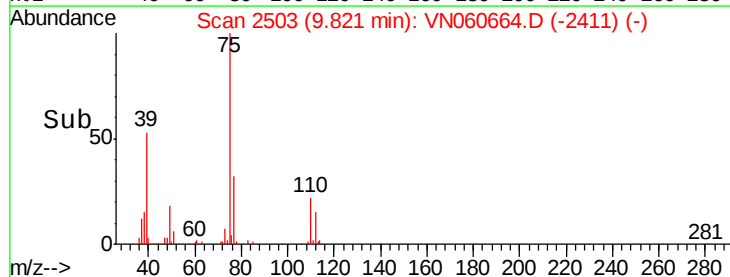
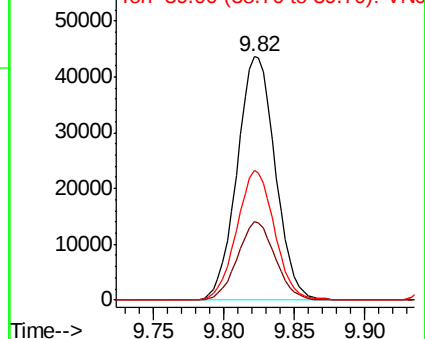
39 53.1 40.2 60.4

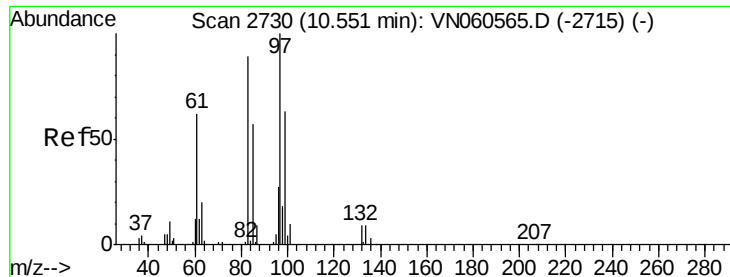


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

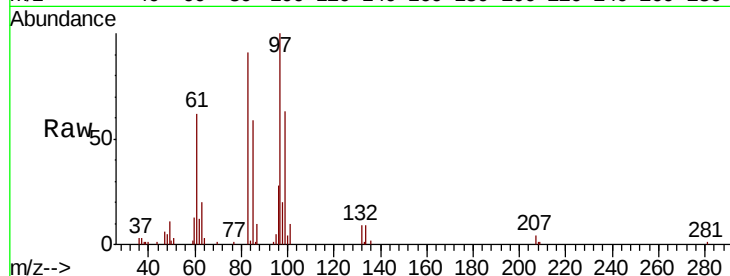




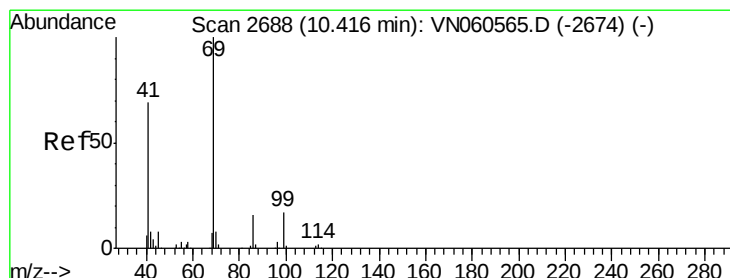
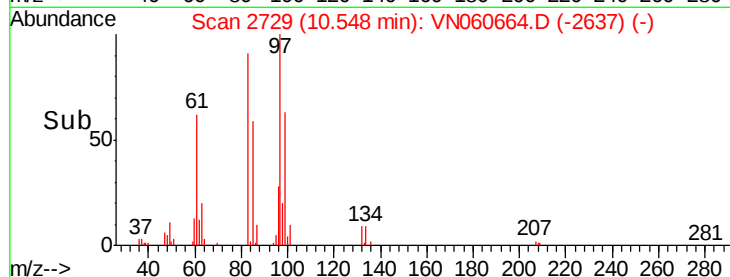
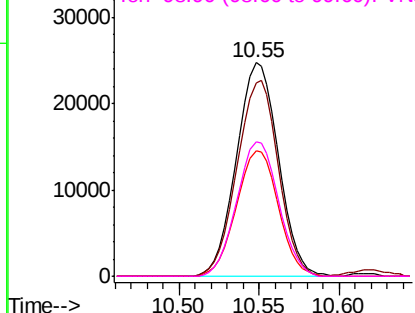
#55
 1,1,2-Trichloroethane
 Concen: 19.704 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	44266
Ion	Ratio	Lower	Upper
97	100		
83	90.8	71.3	106.9
85	58.6	45.2	67.8
99	63.1	50.1	75.1

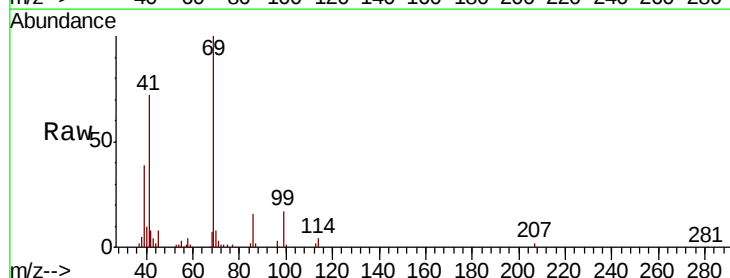


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

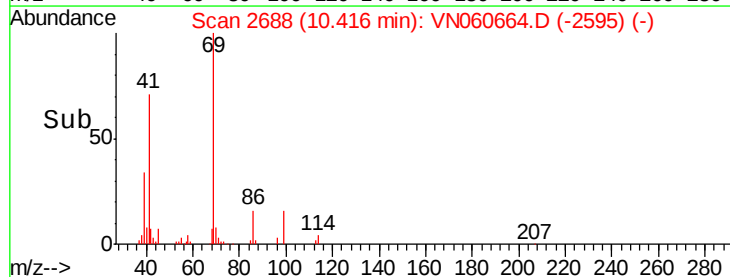
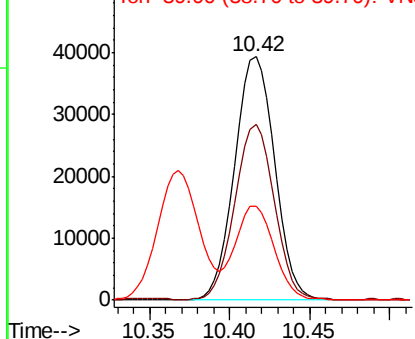


#56
 Ethyl methacrylate
 Concen: 19.173 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion:	69	Resp:	67160
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.4	83.2
39	38.0	29.4	44.0



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





#57

1,3-Dichloropropane

Concen: 20.344 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

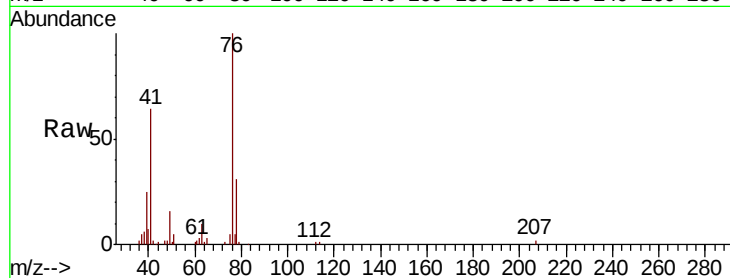
ClientSampleId :

Tot Ion: 76 Resp: 79310

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060664.D (-2761) (-)

Ion 77.90 (77.60 to 78.60): VN060664.D (-2761) (-)

10.70

50000

40000

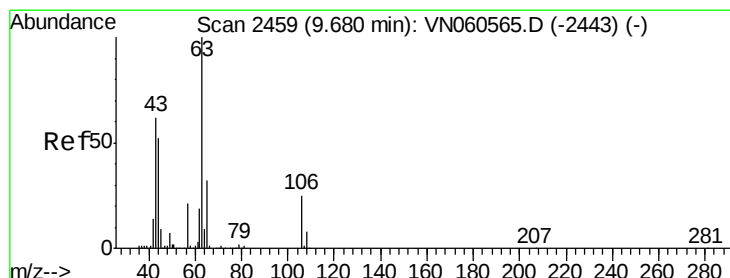
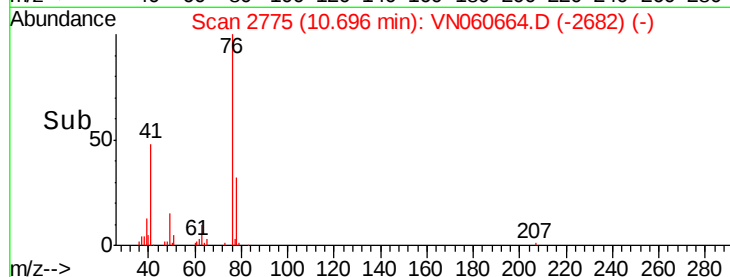
30000

20000

10000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 100.361 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060664.D

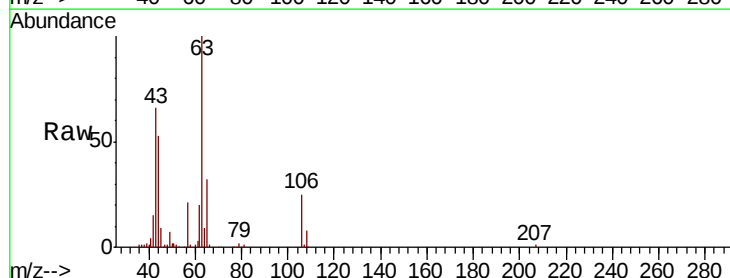
Acq: 24 Mar 2020 12:01

Tgt Ion: 63 Resp: 174723

Ion Ratio Lower Upper

63 100

106 24.7 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060664.D (-2443) (-)

Ion 105.90 (105.60 to 106.60): VN060664.D (-2443) (-)

9.68

100000

80000

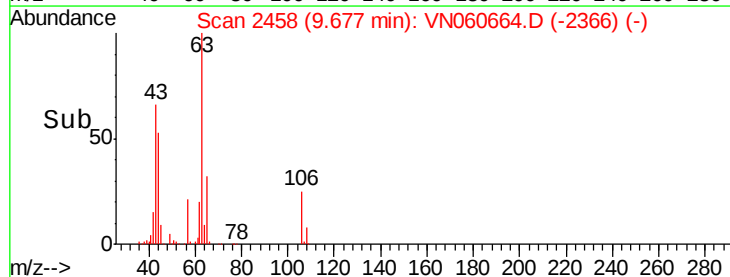
60000

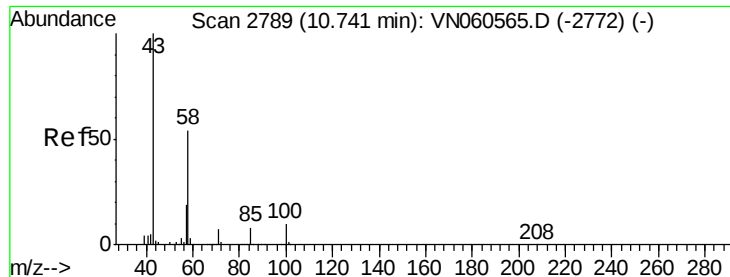
40000

20000

0

Time--> 9.60 9.65 9.70 9.75 9.80

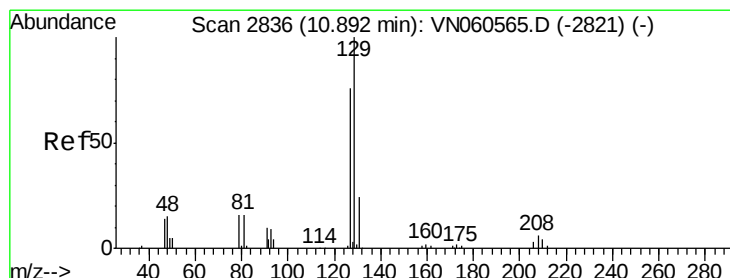
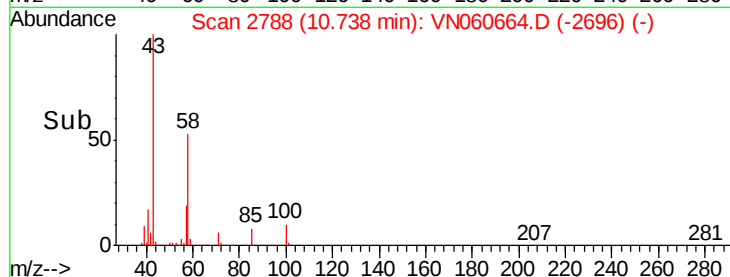
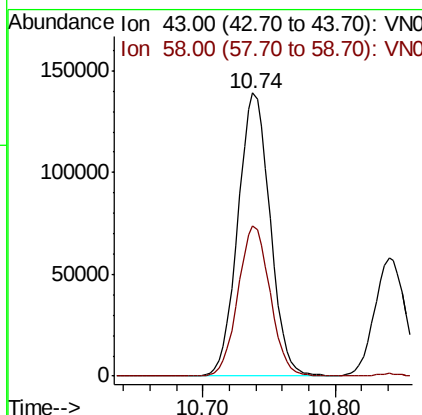
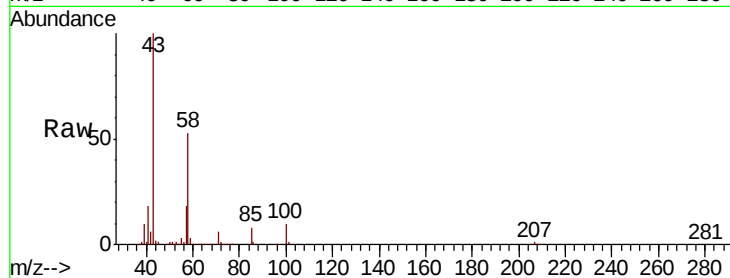




#59
2-Hexanone
Concen: 100.361 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

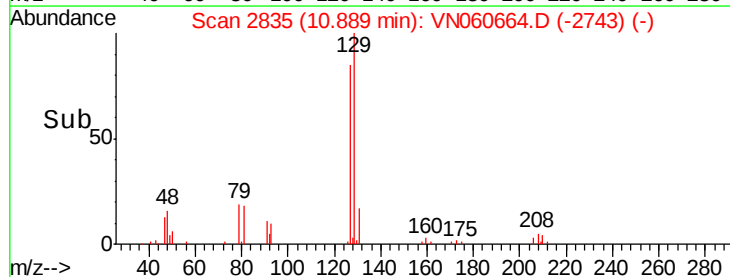
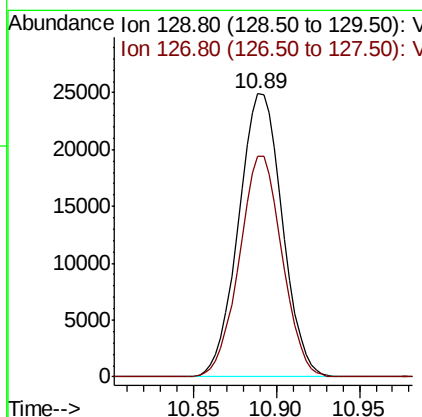
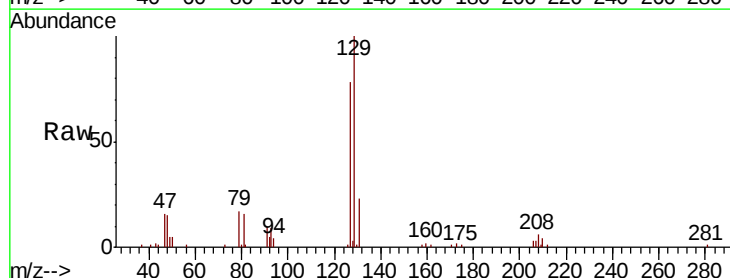
Instrument :
MSVOA_N
ClientSampled :

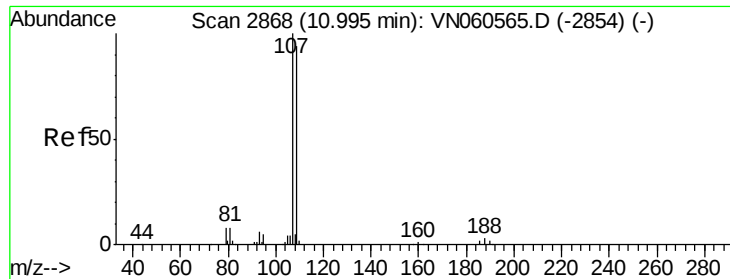
Tot Ion: 43 Resp: 234809
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1



#60
Dibromochloromethane
Concen: 19.763 ug/l
RT: 10.89 min Scan# 2835
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 129 Resp: 45860
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

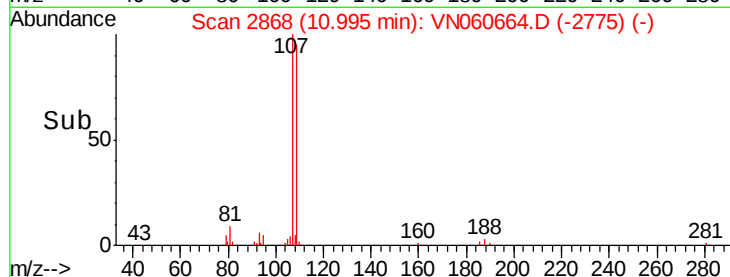
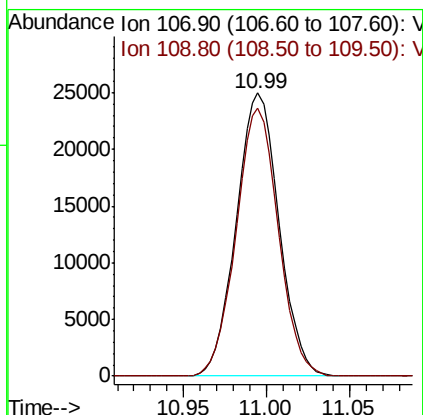
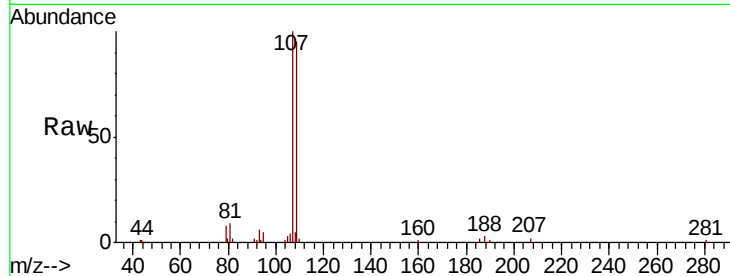




#61
 1,2-Dibromoethane
 Concen: 19.782 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

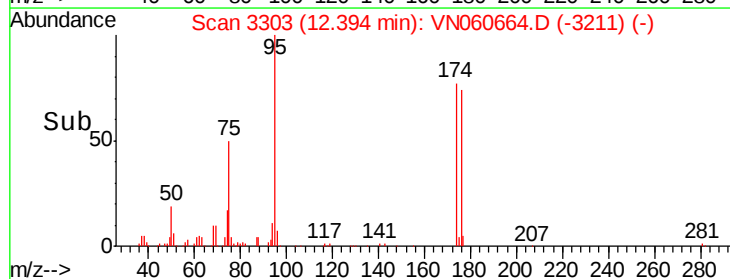
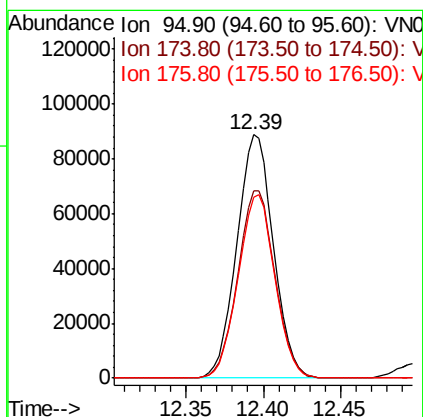
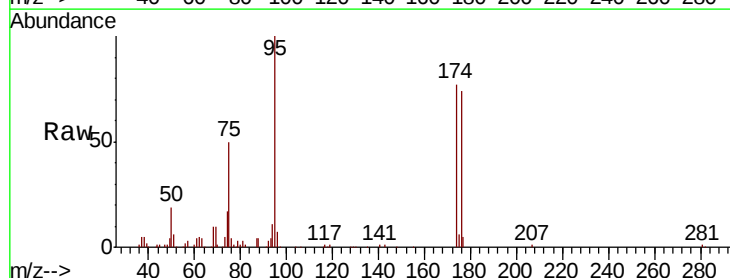
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 44687
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 48.610 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 95 Resp: 145541
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 157.6
 176 75.9 0.0 150.6

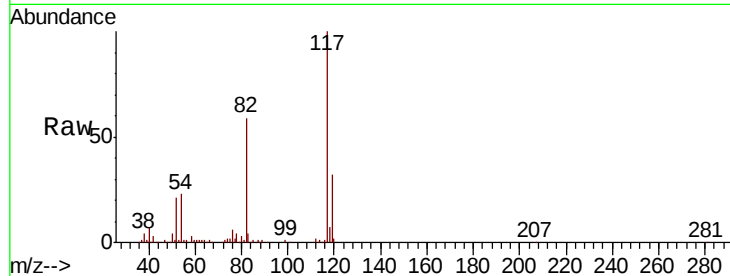




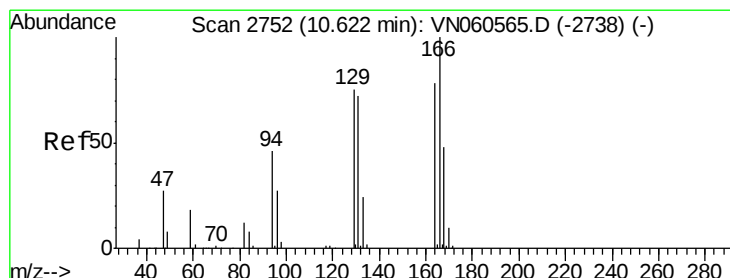
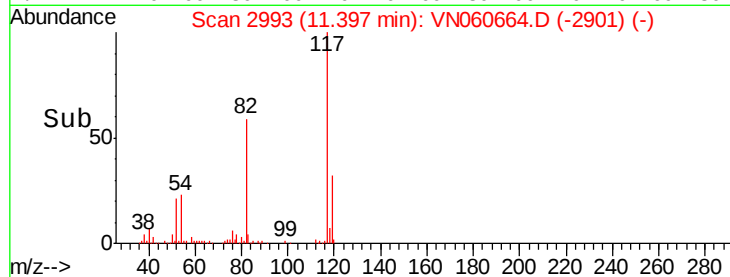
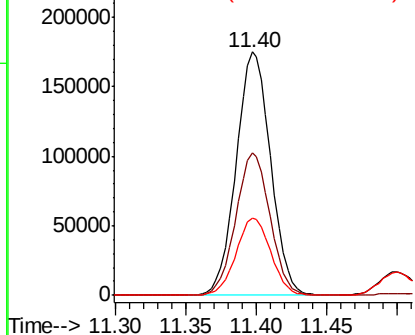
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 299556
Ion Ratio Lower Upper
117 100
82 58.6 46.7 70.1
119 31.8 25.5 38.3

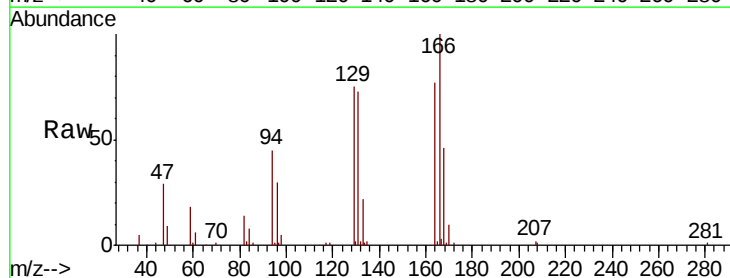


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

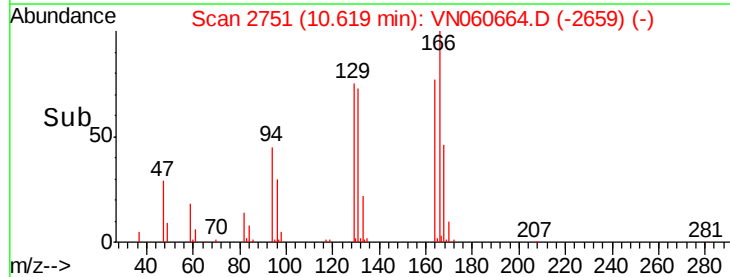
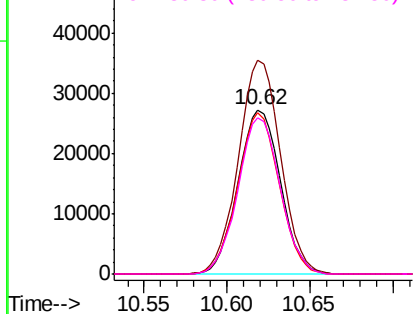


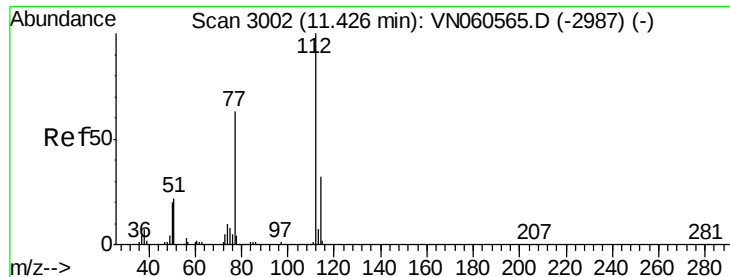
#64
Tetrachloroethene
Concen: 20.620 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:164 Resp: 48607
Ion Ratio Lower Upper
164 100
166 130.1 102.7 154.1
129 98.1 77.2 115.8
131 94.8 73.8 110.6



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

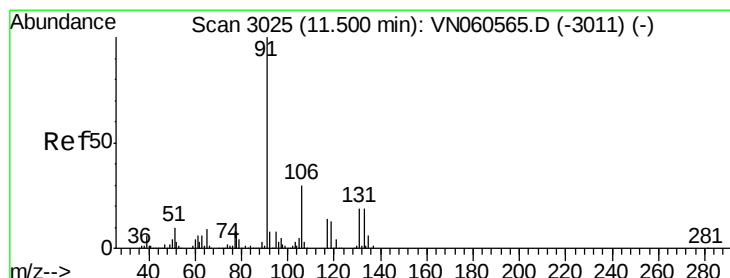
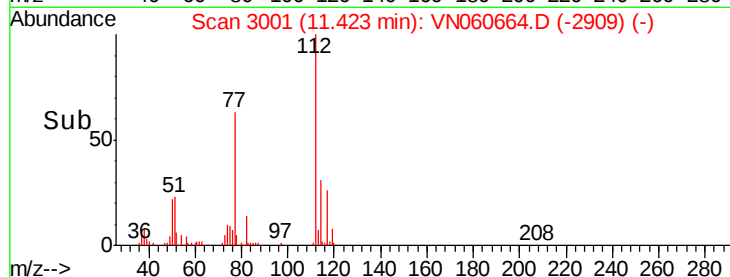
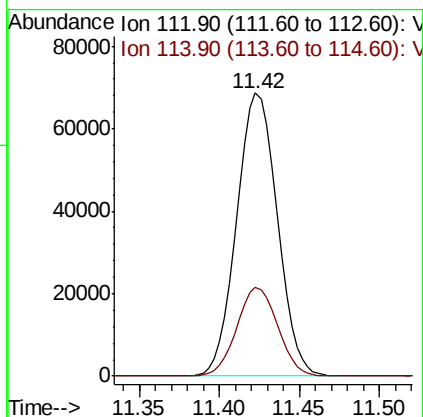
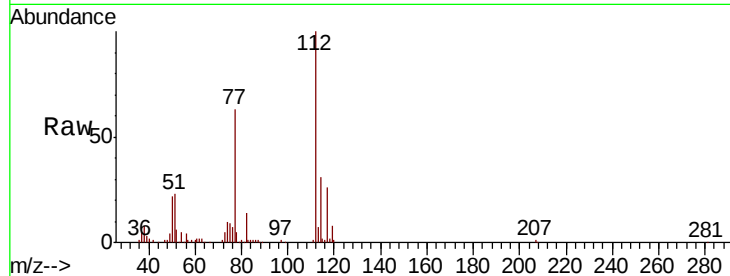




#65
Chlorobenzene
Concen: 20.020 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

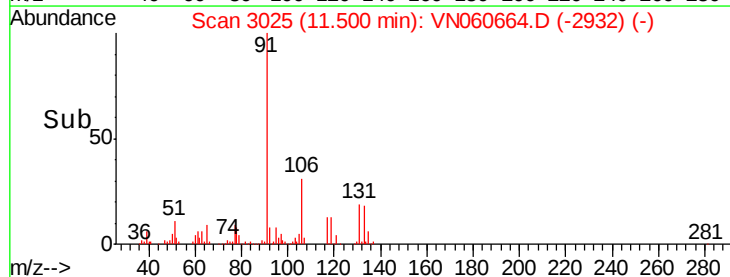
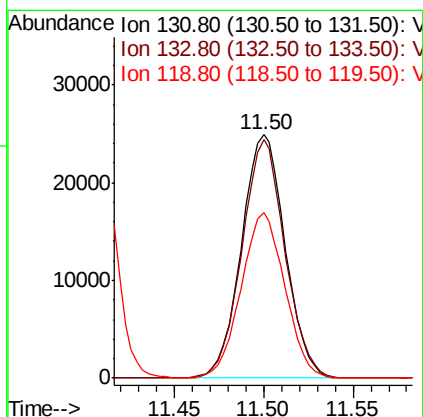
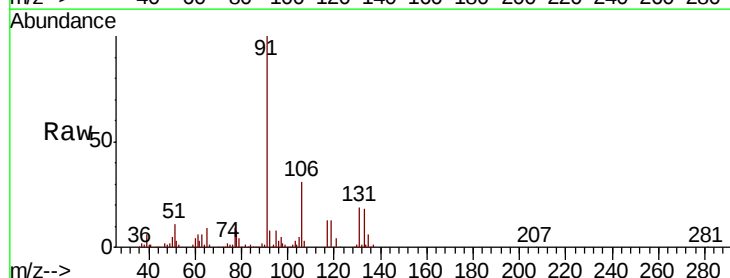
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 118889
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.840 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:131 Resp: 42657
Ion Ratio Lower Upper
131 100
133 96.5 48.9 146.8
119 67.9 33.9 101.7





#67

Ethyl Benzene

Concen: 20.330 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

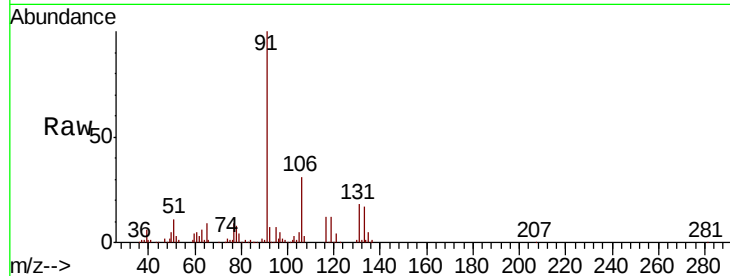
ClientSampleId :

Tot Ion: 91 Resp: 224509

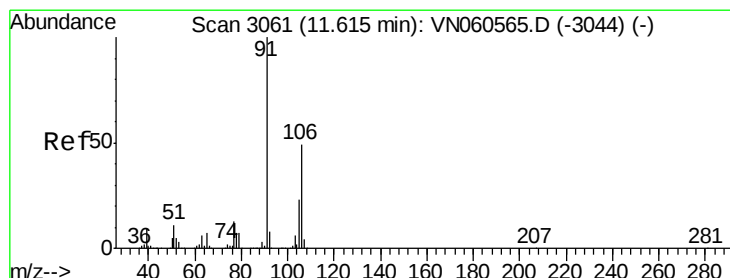
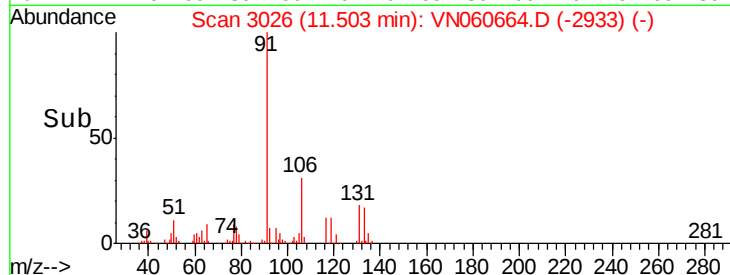
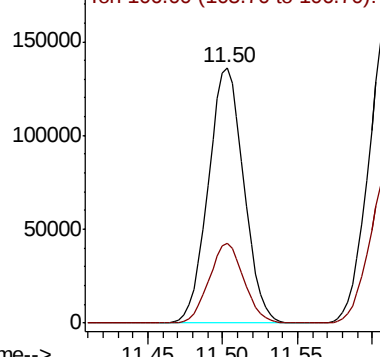
Ion Ratio Lower Upper

91 100

106 31.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 39.866 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060664.D

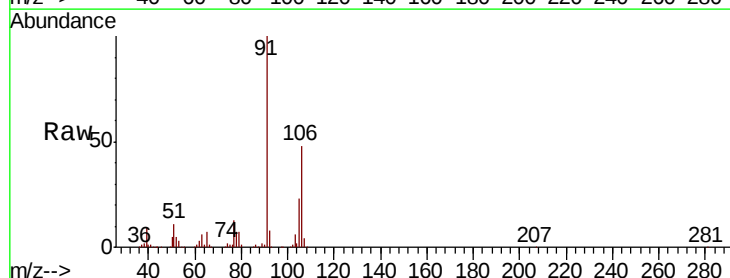
Acq: 24 Mar 2020 12:01

Tgt Ion: 106 Resp: 163600

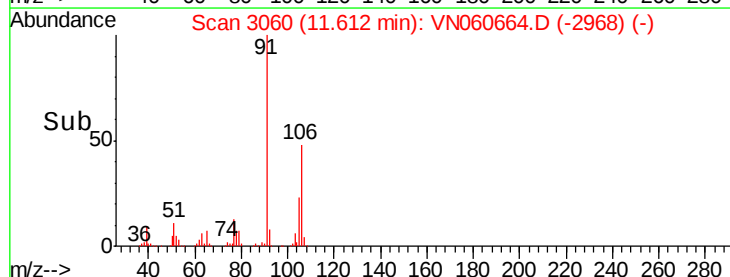
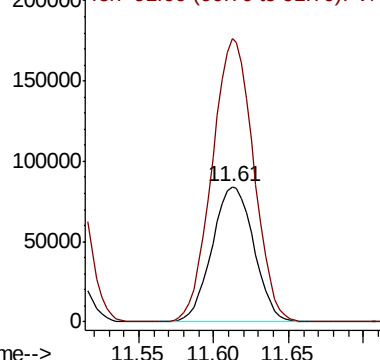
Ion Ratio Lower Upper

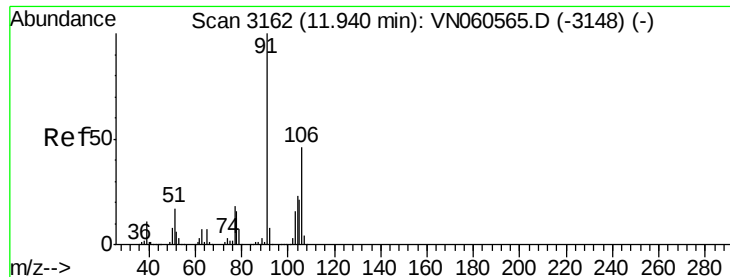
106 100

91 207.8 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

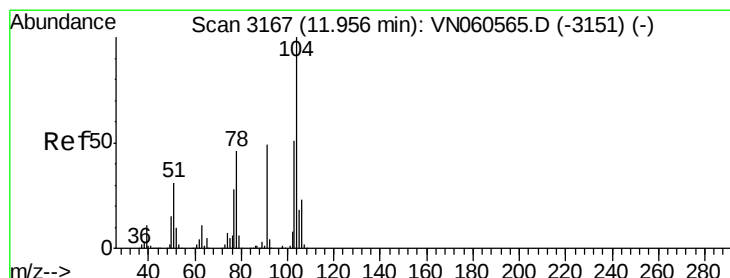
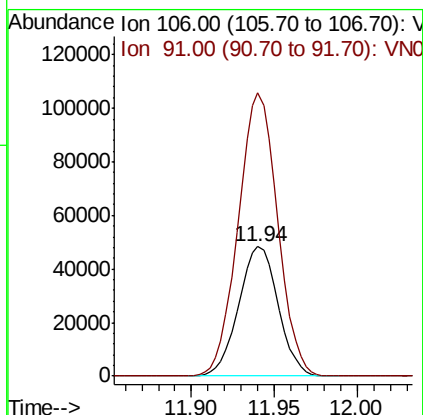
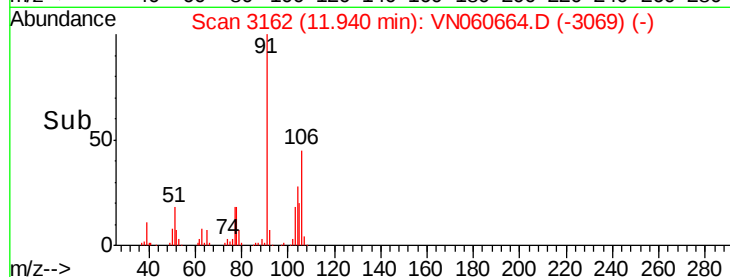
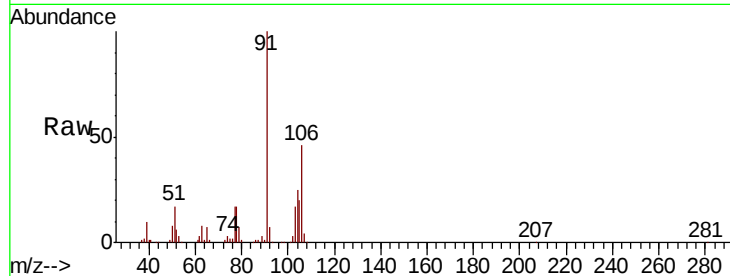




#69
o-Xylene
Concen: 20.439 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

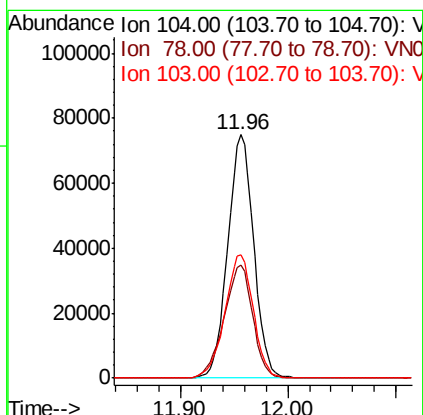
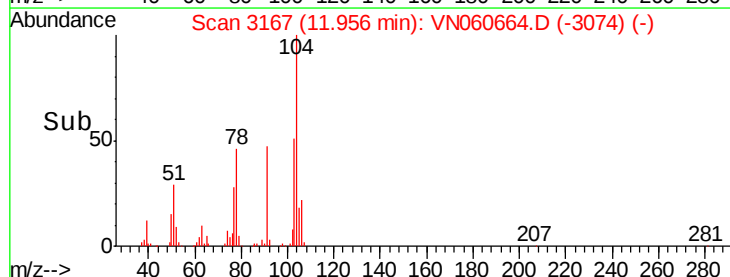
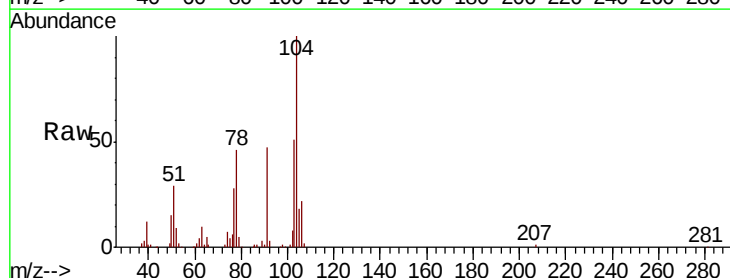
Instrument :
MSVOA_N
ClientSampled :

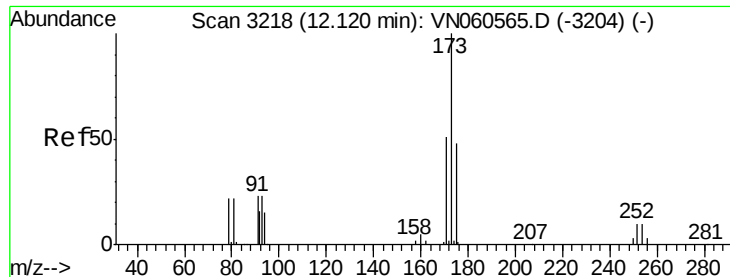
Tot Ion:106 Resp: 80070
Ion Ratio Lower Upper
106 100
91 218.1 109.5 328.4



#70
Styrene
Concen: 19.690 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:104 Resp: 126159
Ion Ratio Lower Upper
104 100
78 51.1 41.2 61.8
103 55.2 44.0 66.0

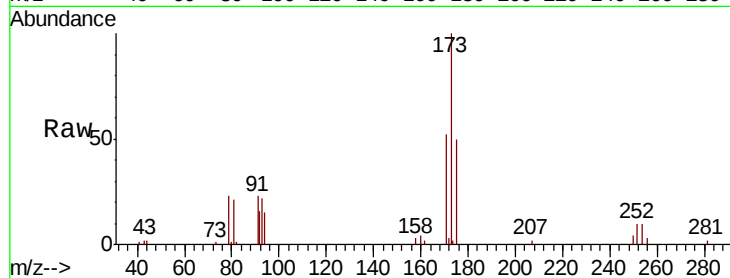




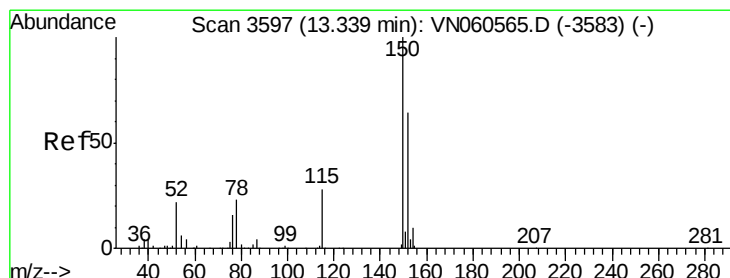
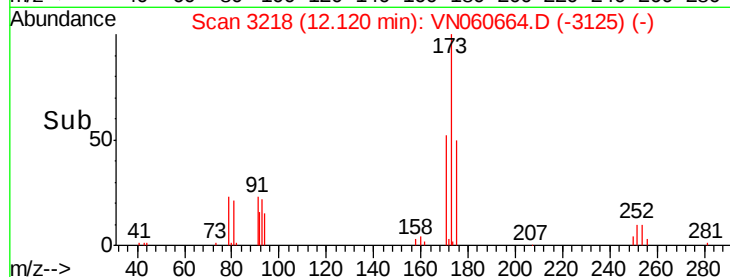
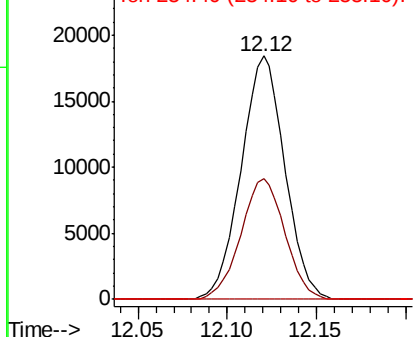
#71
Bromoform
Concen: 18.728 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 31523
Ion Ratio Lower Upper
173 100
175 49.8 24.1 72.4
254 0.0 0.0 0.0

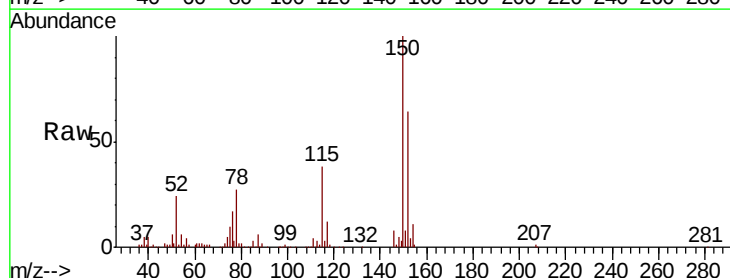


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

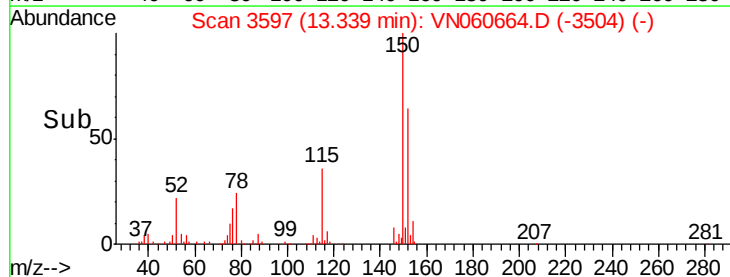
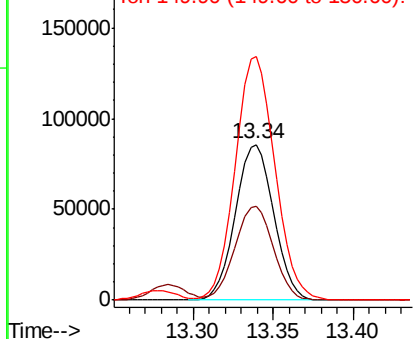


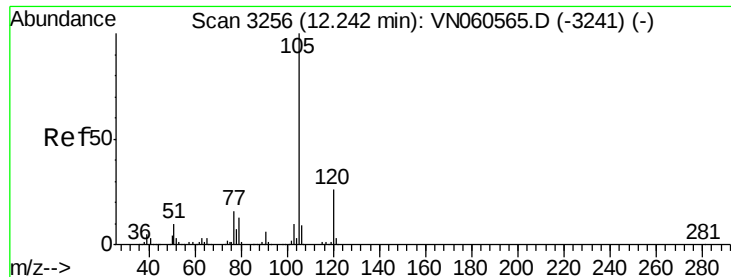
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion:152 Resp: 139358
Ion Ratio Lower Upper
152 100
115 60.7 30.2 90.6
150 162.8 0.0 350.2



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





#73

Isopropylbenzene

Concen: 20.179 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

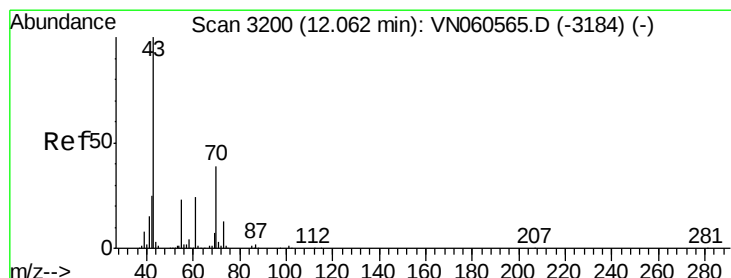
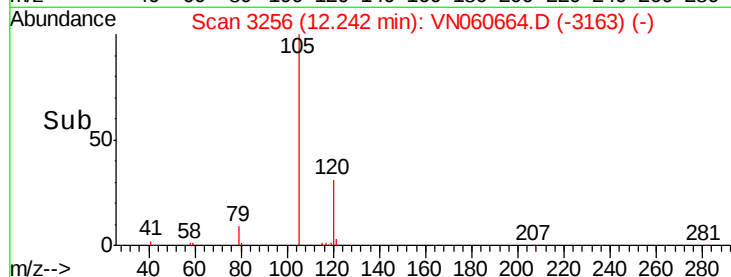
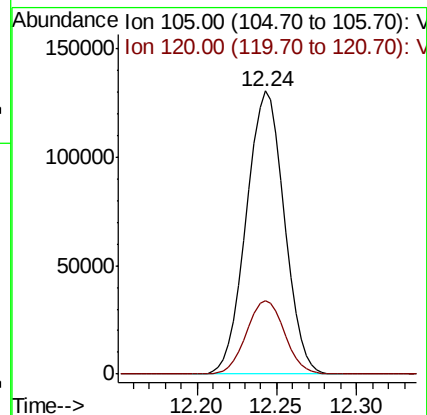
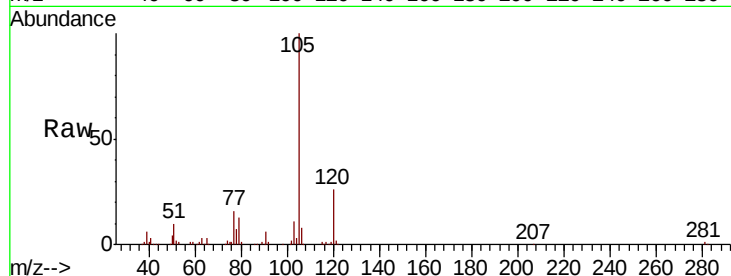
ClientSampled :

Tot Ion:105 Resp: 211036

Ion Ratio Lower Upper

105 100

120 26.1 13.1 39.1



#74

N-ethyl acetate

Concen: 19.128 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Tgt Ion: 43 Resp: 92440

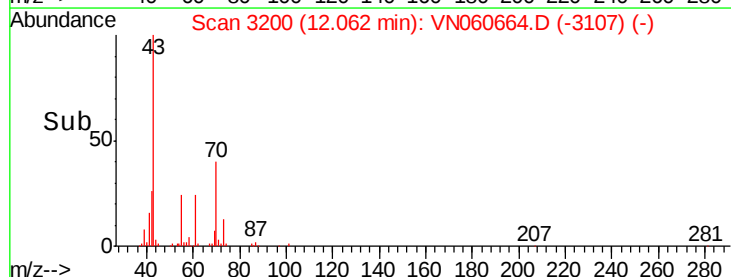
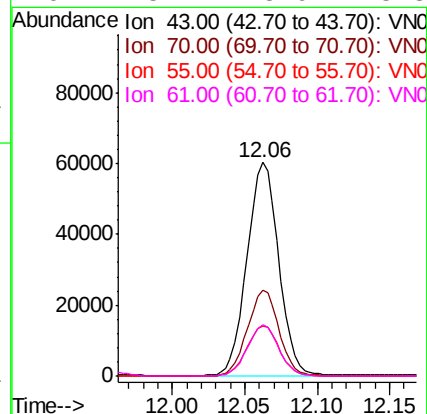
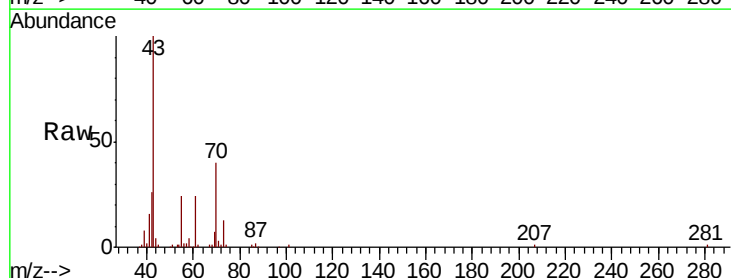
Ion Ratio Lower Upper

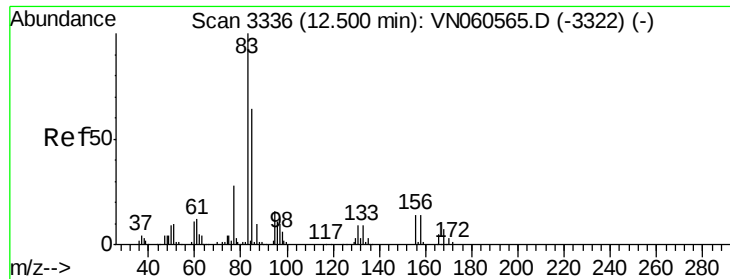
43 100

70 39.5 31.1 46.7

55 23.9 18.6 27.8

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.519 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampleId :

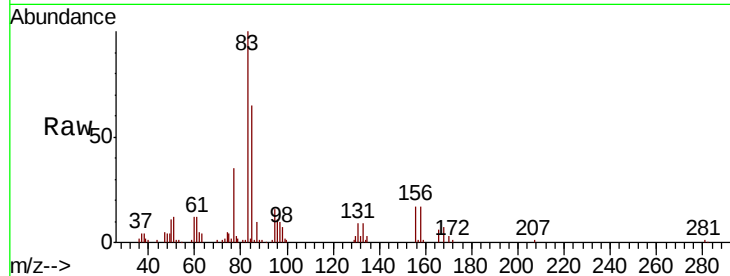
Tot Ion: 83 Resp: 61732

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

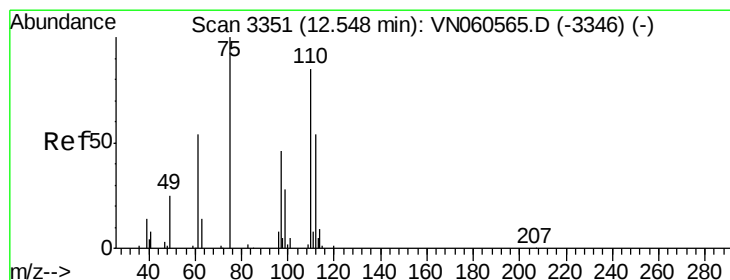
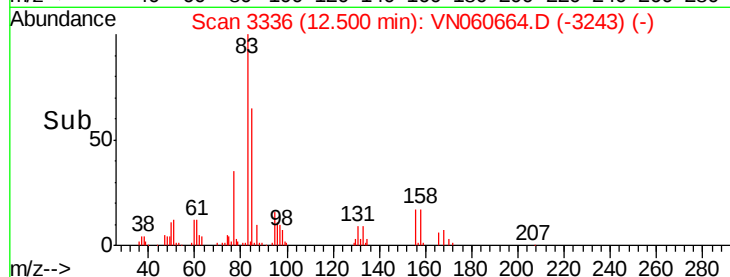
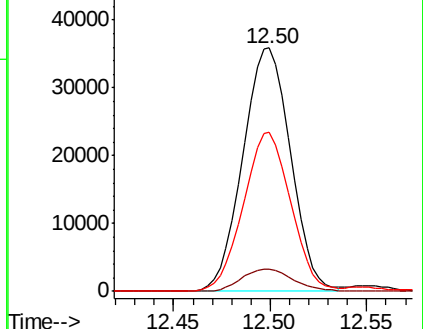
85 64.5 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060664.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060664.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060664.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 28.306 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060664.D

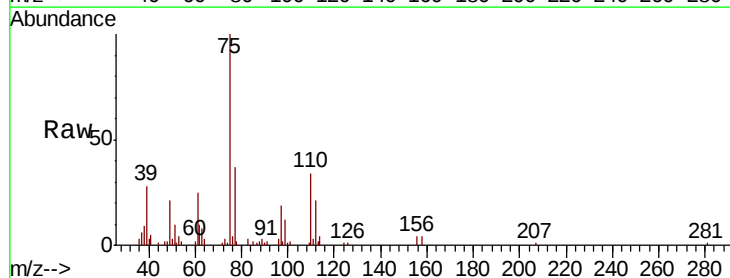
Acq: 24 Mar 2020 12:01

Tgt Ion: 75 Resp: 85117

Ion Ratio Lower Upper

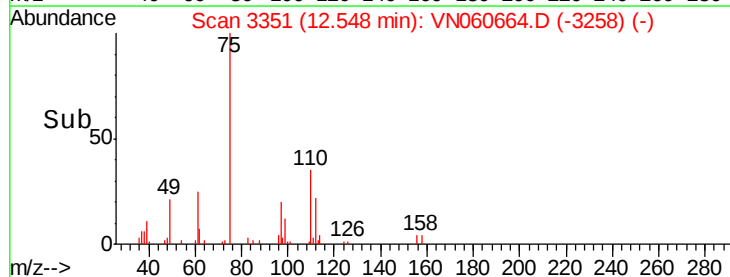
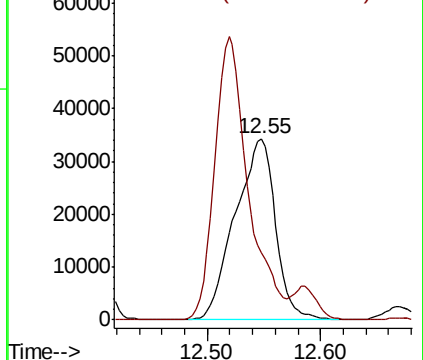
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060664.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN060664.D (-3346) (-)





#77

Bromobenzene

Concen: 19.684 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

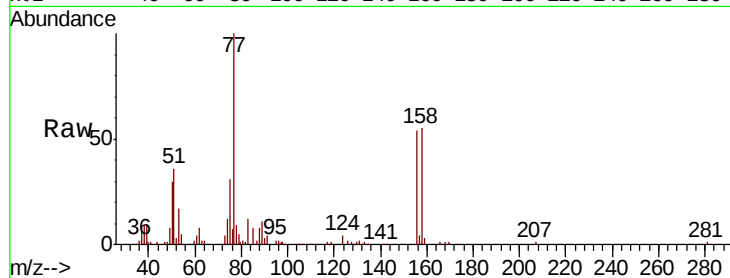
Tot Ion:156 Resp: 49604

Ion Ratio Lower Upper

156 100

77 222.9 112.3 337.0

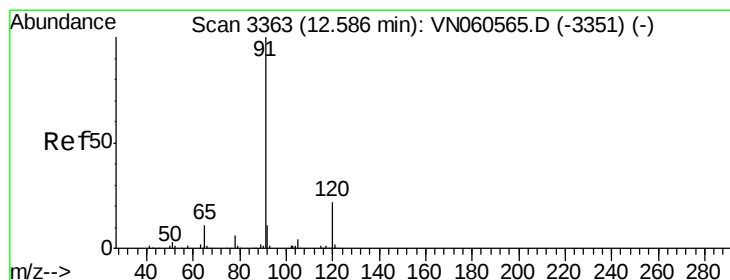
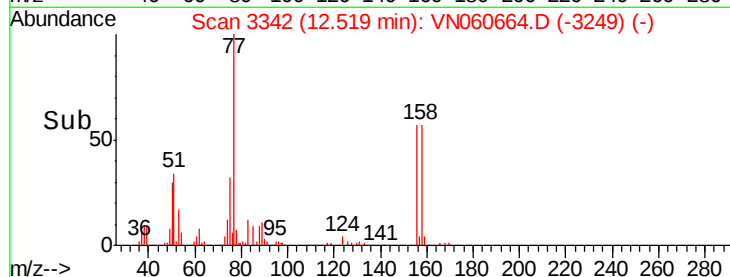
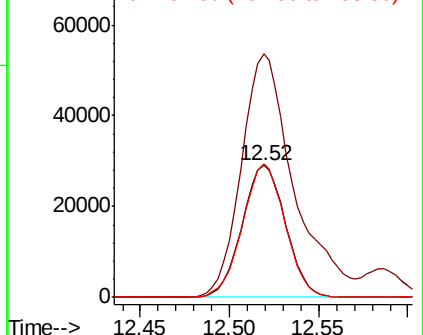
158 98.9 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.130 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060664.D

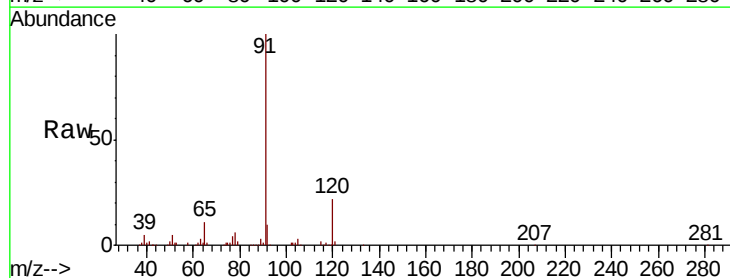
Acq: 24 Mar 2020 12:01

Tgt Ion: 91 Resp: 248716

Ion Ratio Lower Upper

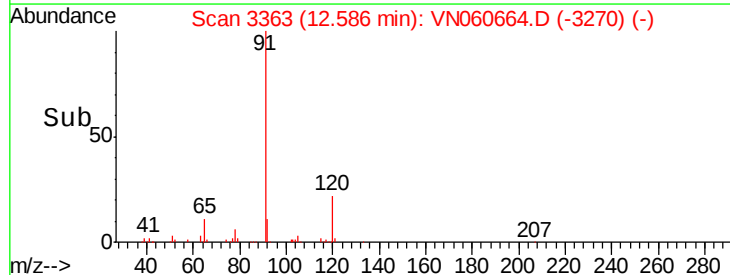
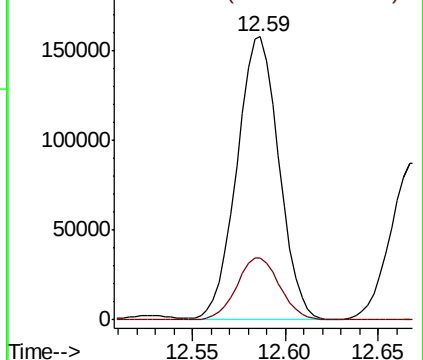
91 100

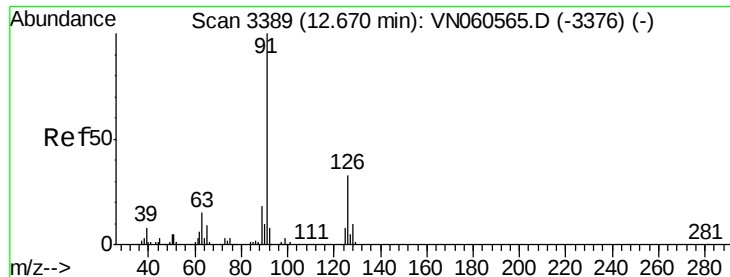
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.692 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

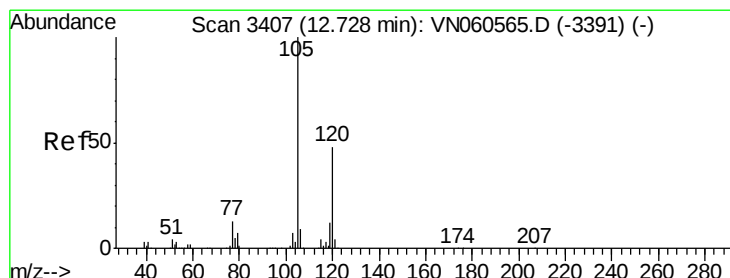
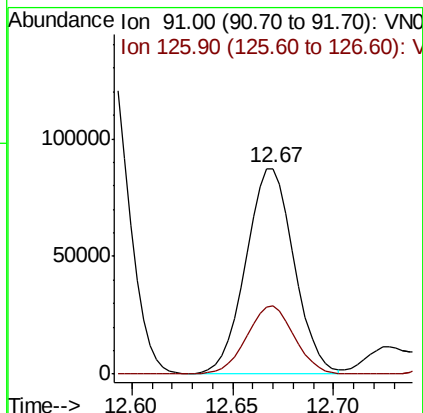
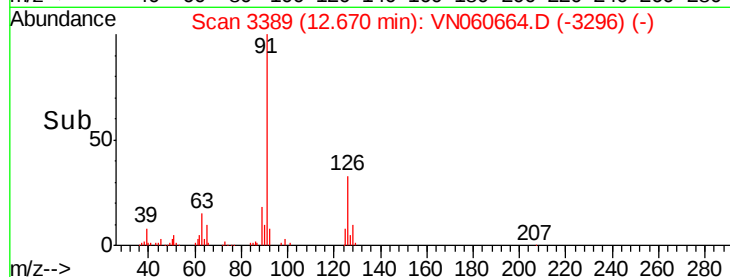
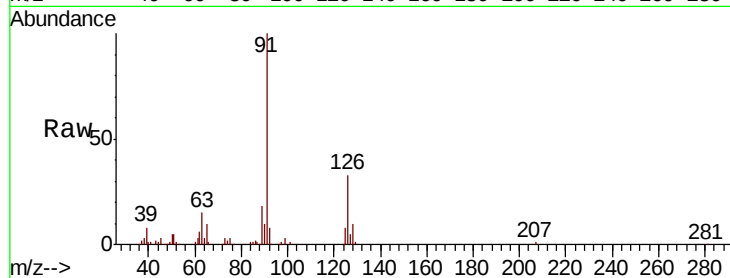
ClientSampled :

Tot Ion: 91 Resp: 145377

Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 20.112 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060664.D

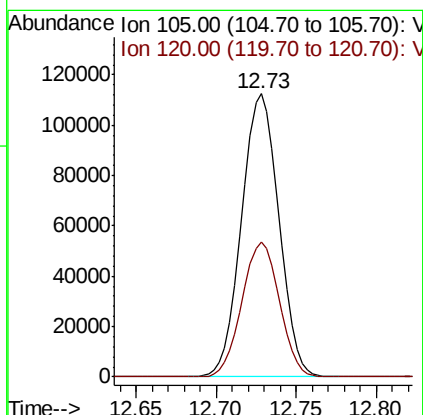
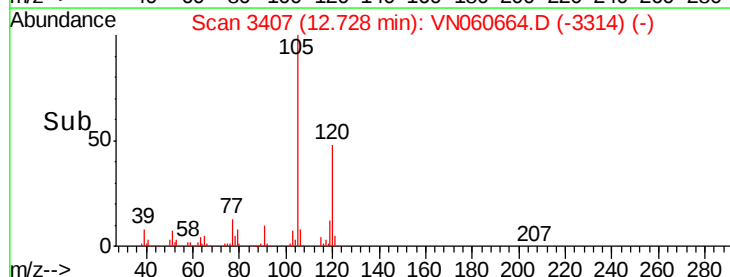
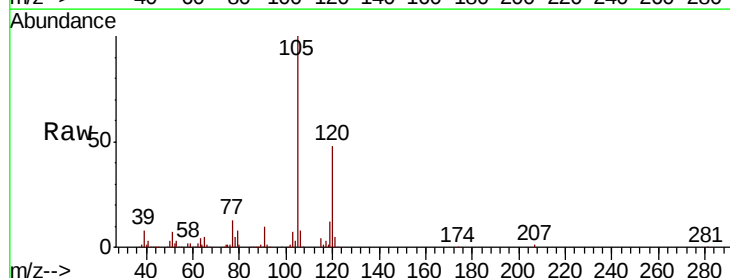
Acq: 24 Mar 2020 12:01

Tgt Ion: 105 Resp: 178499

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7

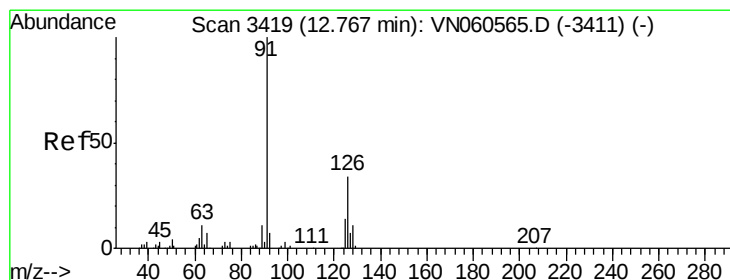
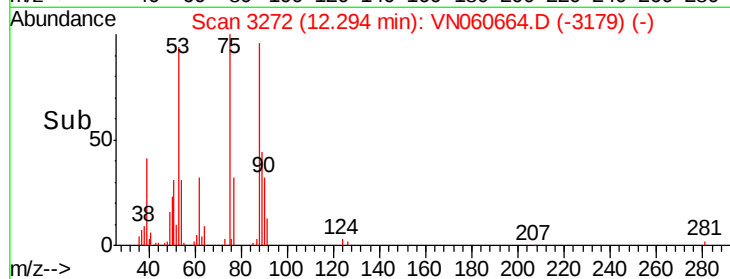
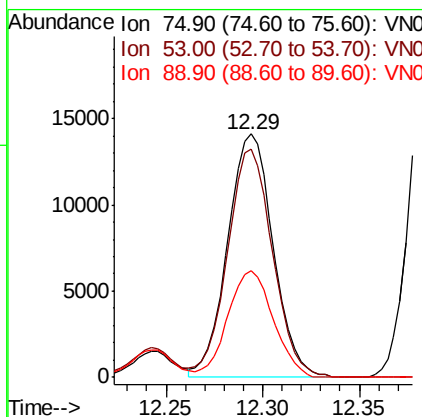
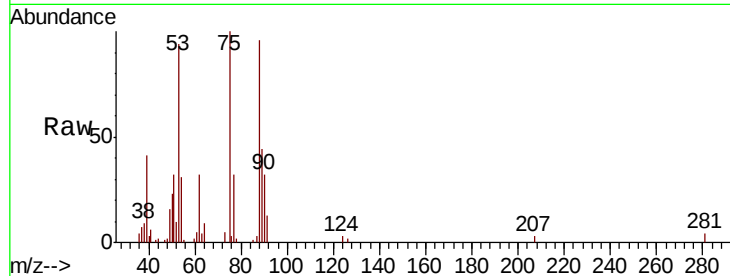




#81
trans-1,4-Dichloro-2-butene
Concen: 19.676 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

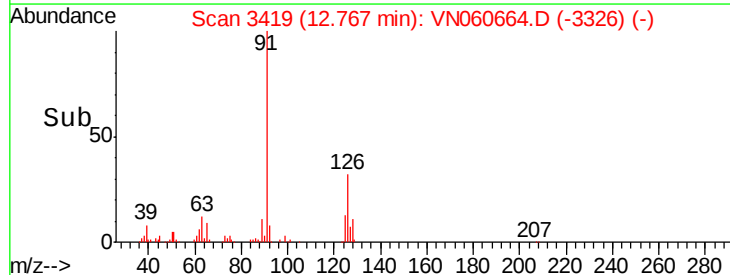
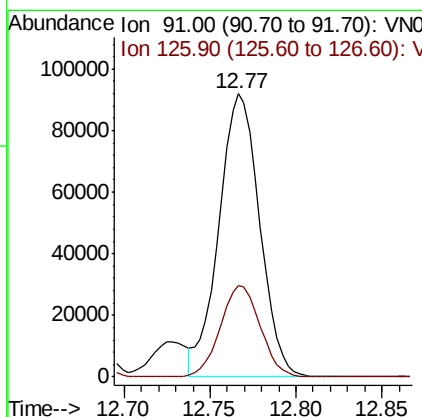
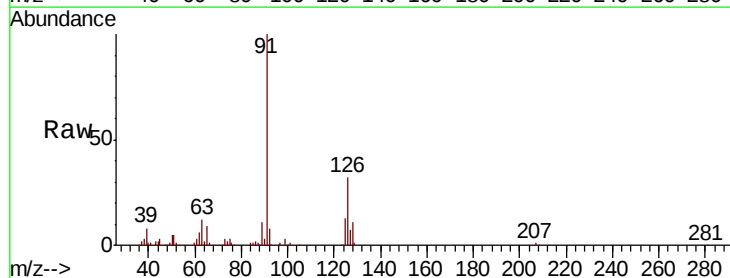
Instrument :
MSVOA_N
ClientSampleId :

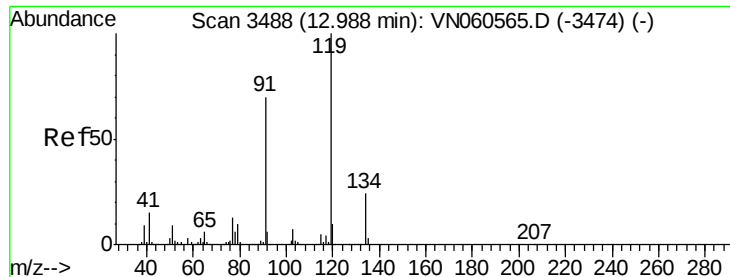
Tot Ion: 75 Resp: 23037
Ion Ratio Lower Upper
75 100
53 93.3 73.0 109.4
89 43.9 34.8 52.2



#82
4-Chlorotoluene
Concen: 20.177 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 91 Resp: 151711
Ion Ratio Lower Upper
91 100
126 31.7 16.2 48.5

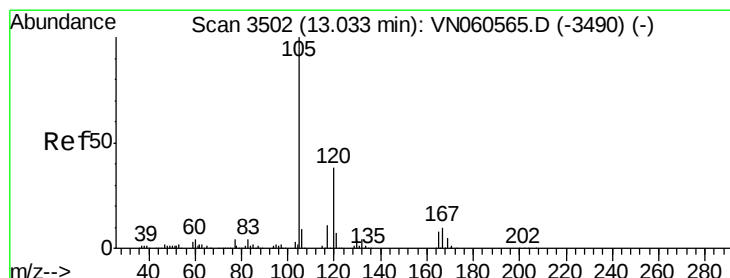
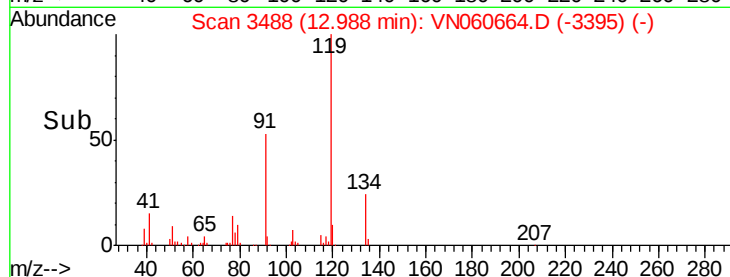
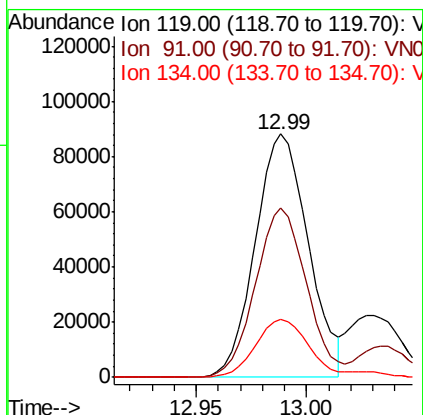
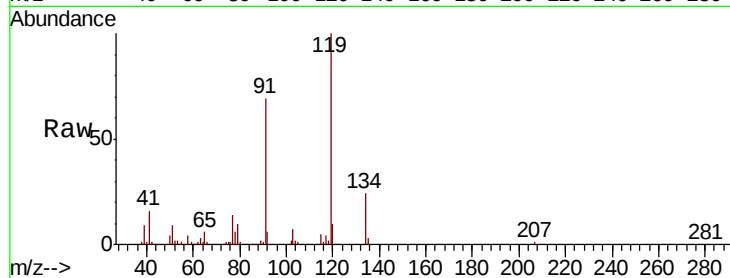




#83
 tert-Butylbenzene
 Concen: 20.036 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

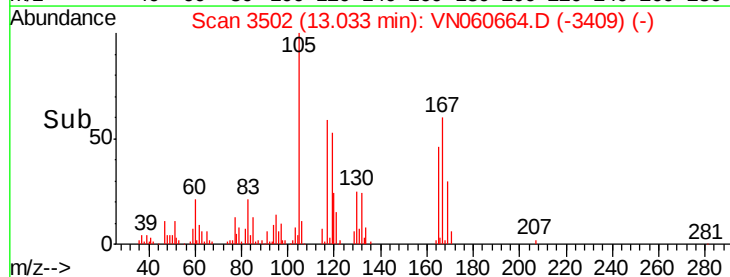
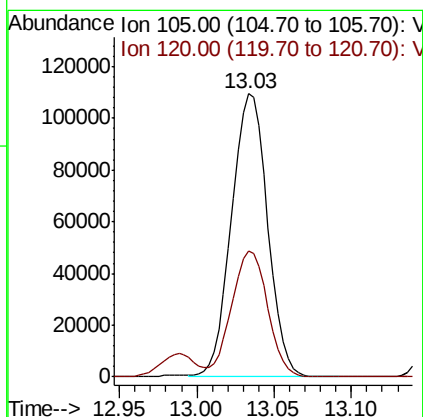
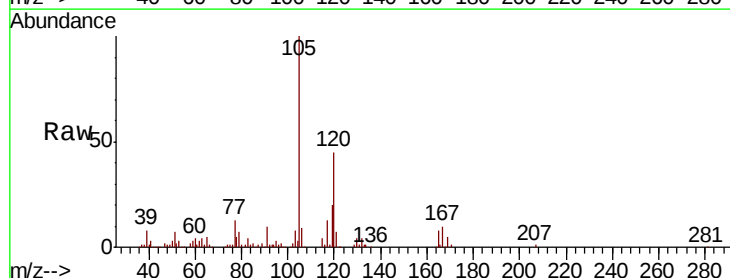
Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 147408
 Ion Ratio Lower Upper
 119 100
 91 67.1 34.0 101.8
 134 23.7 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.191 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion:105 Resp: 177285
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.941 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

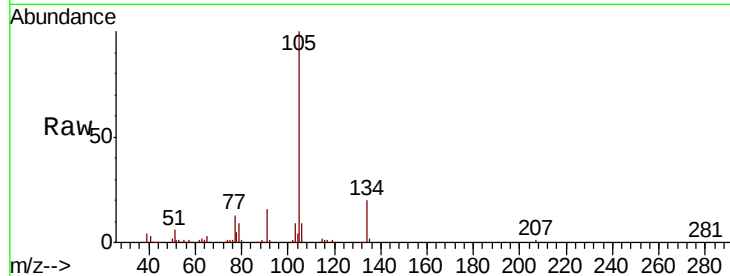
ClientSampled :

Tot Ion:105 Resp: 197285

Ion Ratio Lower Upper

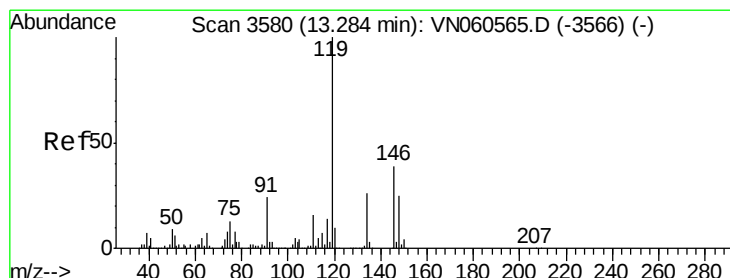
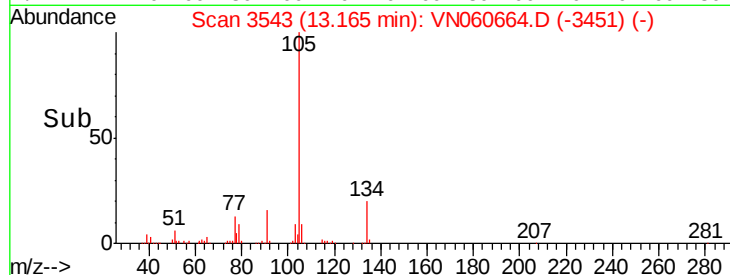
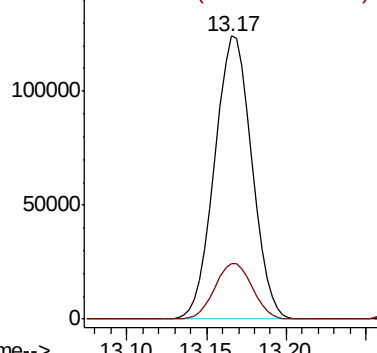
105 100

134 19.8 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.029 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

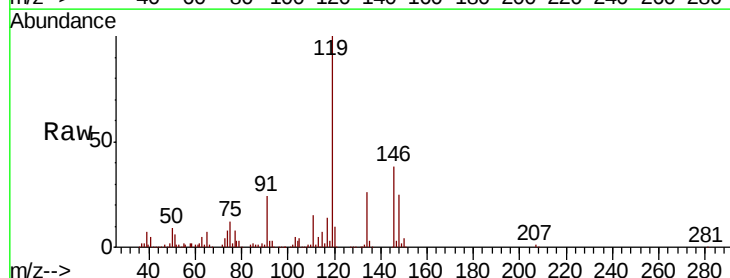
Tgt Ion:119 Resp: 178182

Ion Ratio Lower Upper

119 100

134 25.8 13.0 39.0

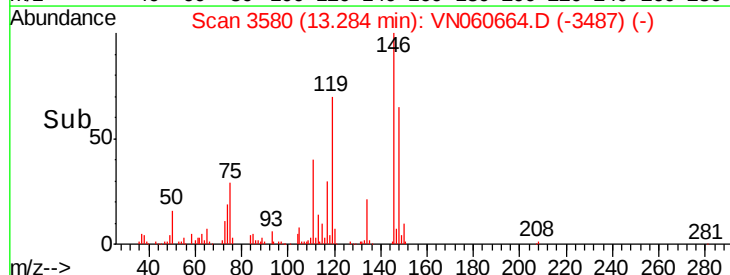
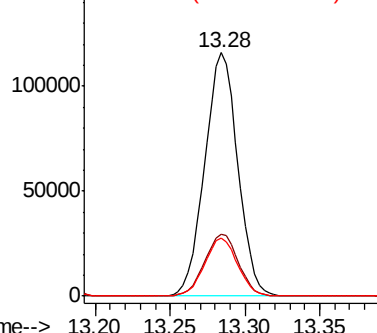
91 23.9 12.0 36.0

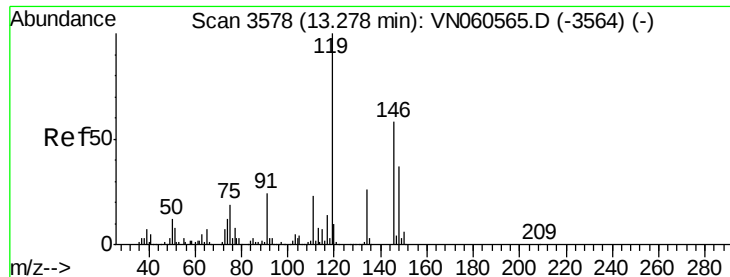


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.216 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

Instrument :

MSVOA_N

ClientSampled :

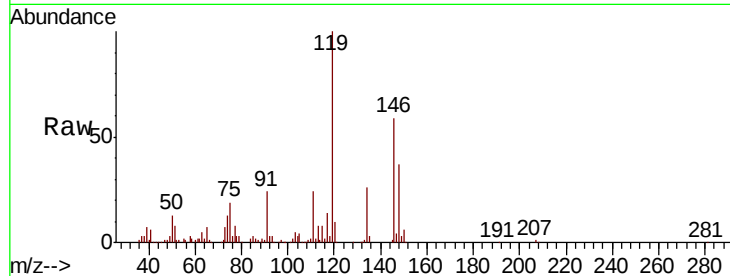
Tot Ion:146 Resp: 89853

Ion Ratio Lower Upper

146 100

111 39.9 20.3 60.8

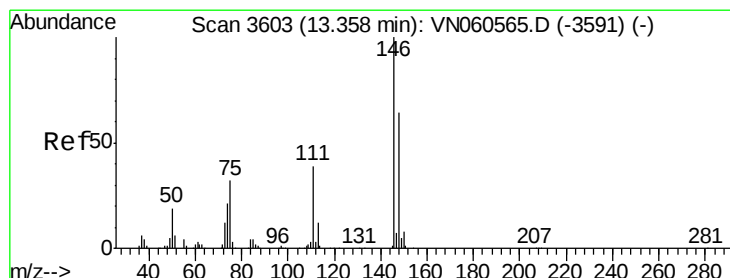
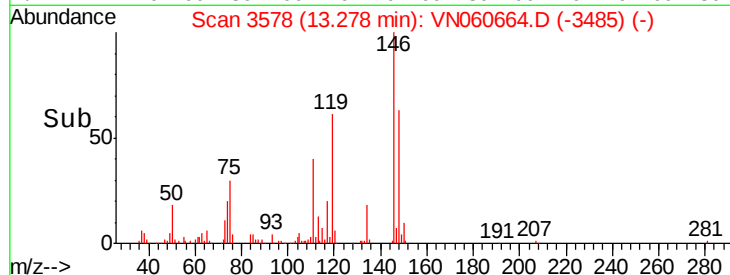
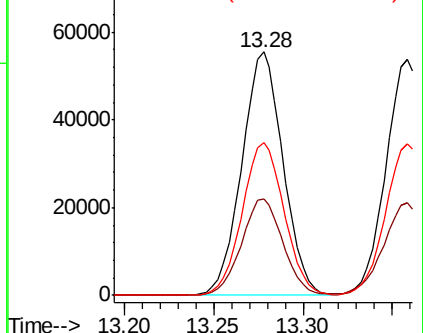
148 63.8 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.591 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060664.D

Acq: 24 Mar 2020 12:01

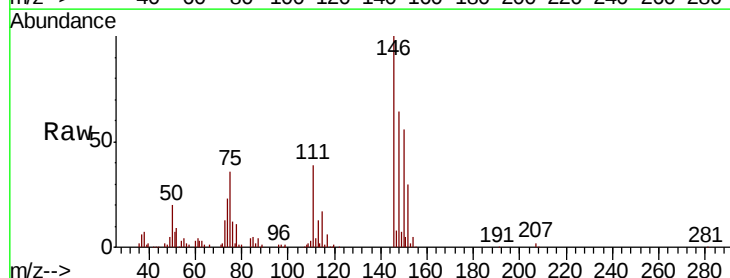
Tgt Ion:146 Resp: 87482

Ion Ratio Lower Upper

146 100

111 40.6 19.6 58.7

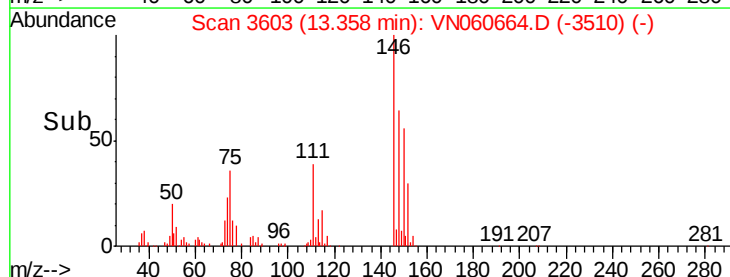
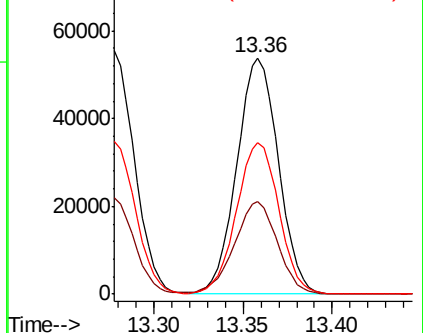
148 65.1 32.1 96.3

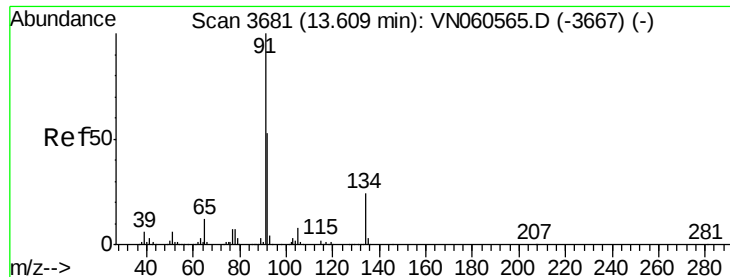


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

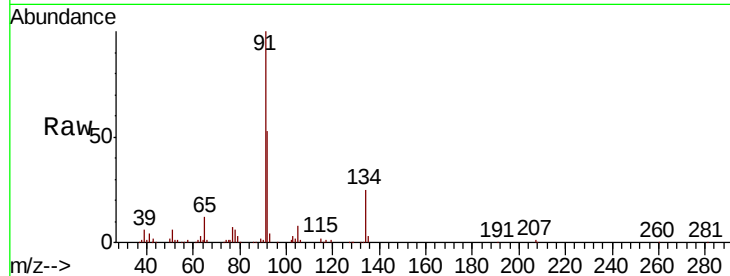




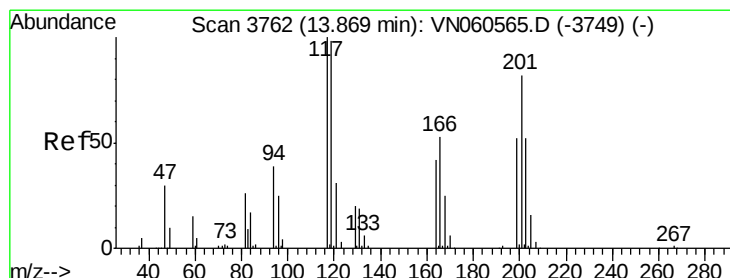
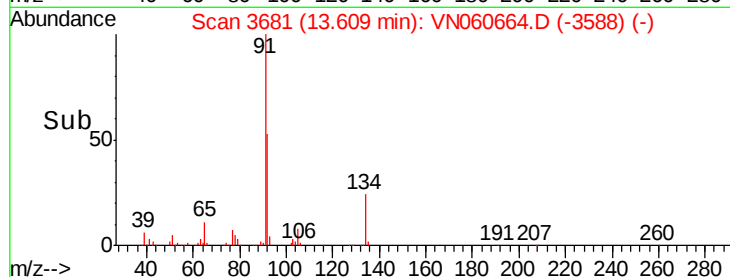
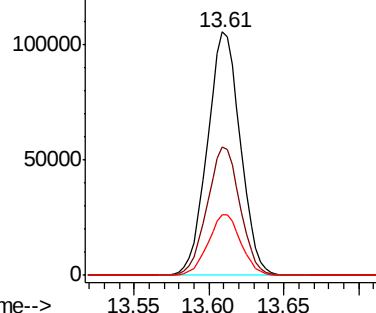
#89
n-Butylbenzene
Concen: 20.080 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 161282
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.7 12.3 36.9

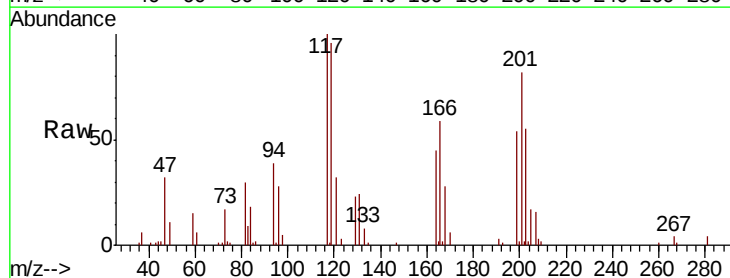


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

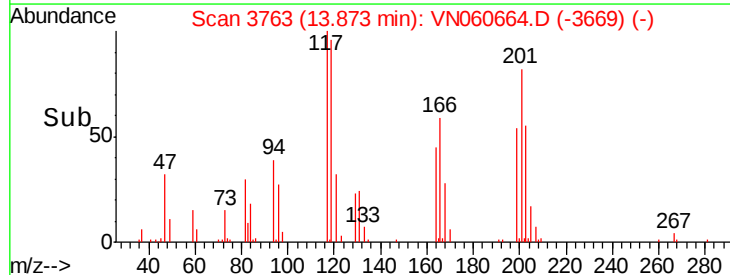
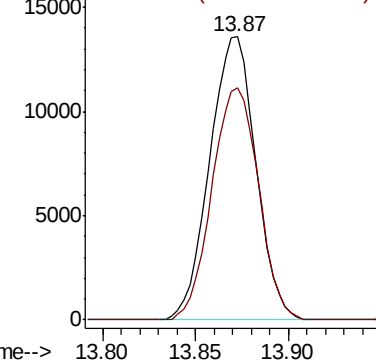


#90
Hexachloroethane
Concen: 18.139 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion: 117 Resp: 23456
Ion Ratio Lower Upper
117 100
201 82.7 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

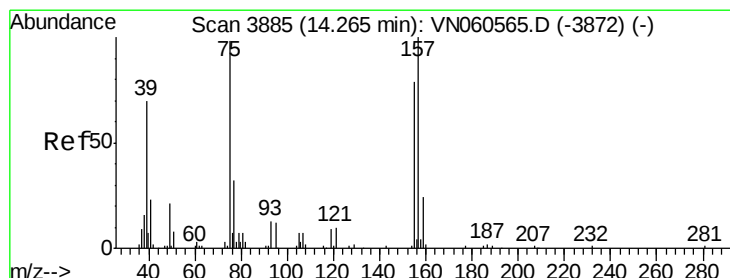
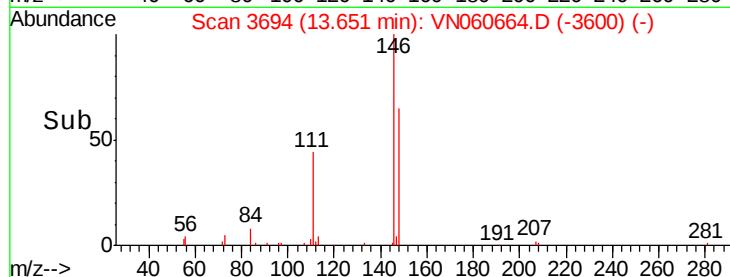
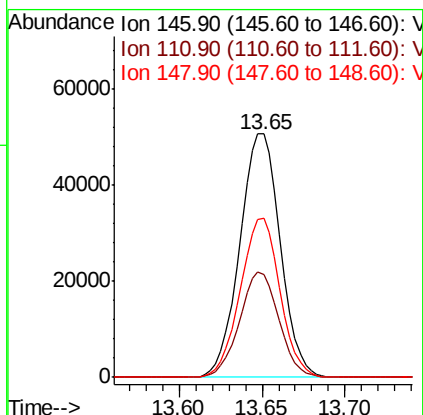
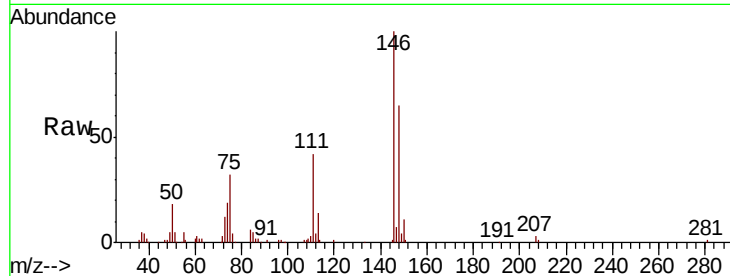




#91
 1,2-Dichlorobenzene
 Concen: 20.189 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

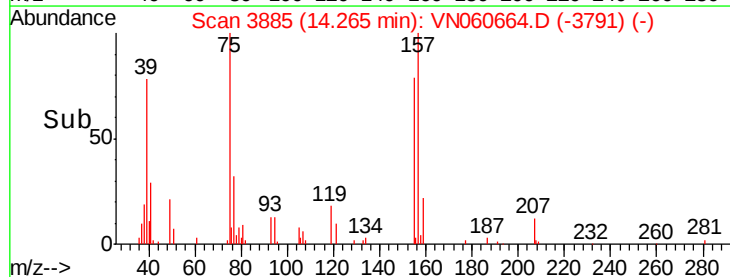
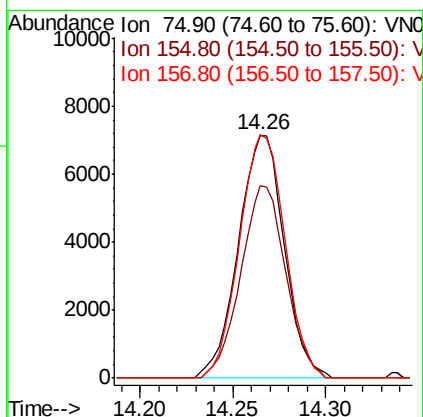
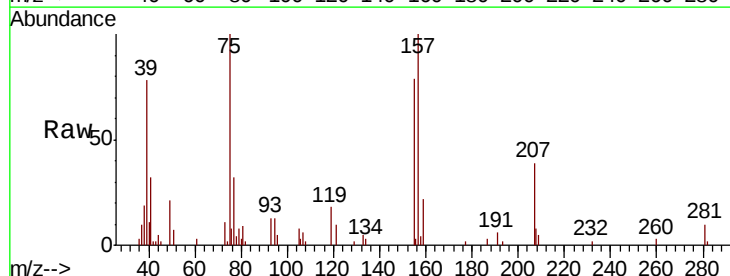
Instrument :
 MSVOA_N
 ClientSampleId :

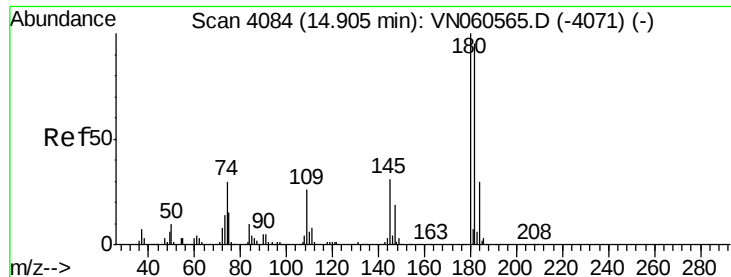
Tot Ion:146 Resp: 85804
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.0 63.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.329 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion: 75 Resp: 12254
 Ion Ratio Lower Upper
 75 100
 155 77.8 40.7 122.1
 157 99.5 51.5 154.7

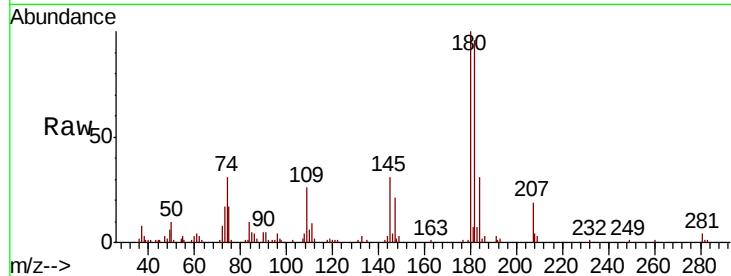




#93
 1,2,4-Trichlorobenzene
 Concen: 19.973 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.8
145	30.5	15.4	46.2

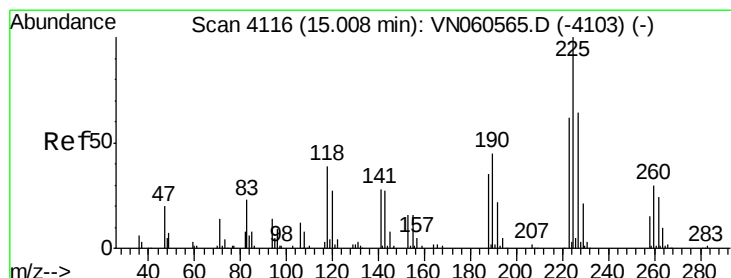
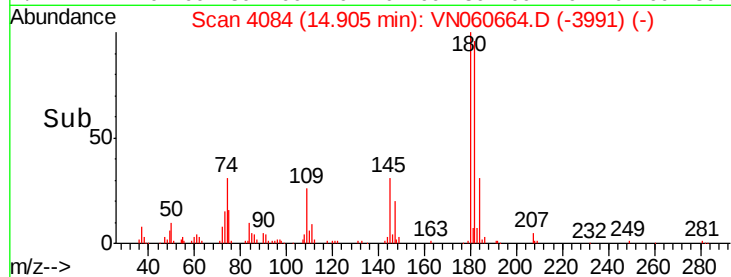
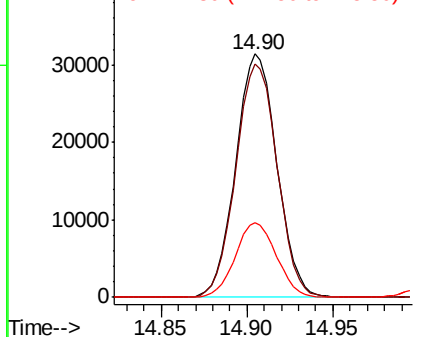


Abundance

Ion 179.80 (179.50 to 180.50): V

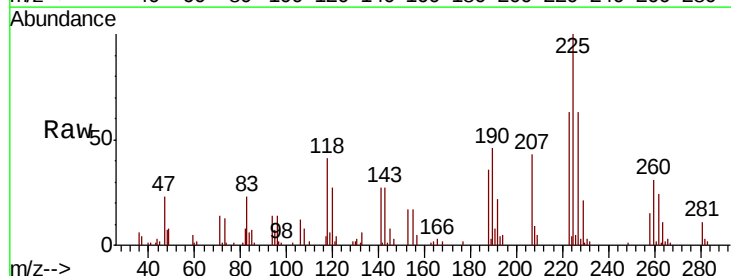
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 20.455 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060664.D
 Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.6	95.0
227	62.2	32.3	96.8

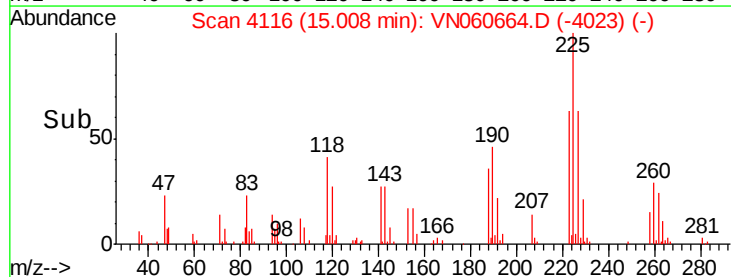
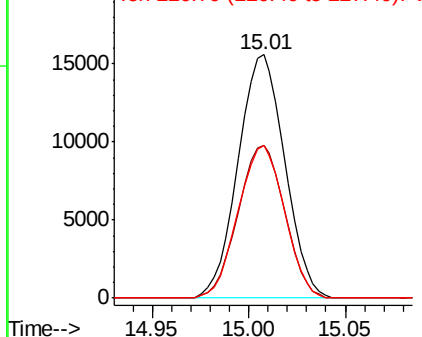


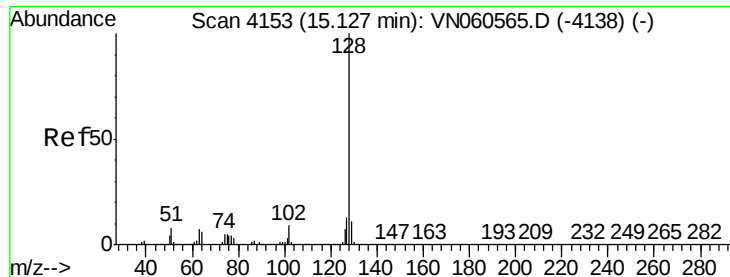
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

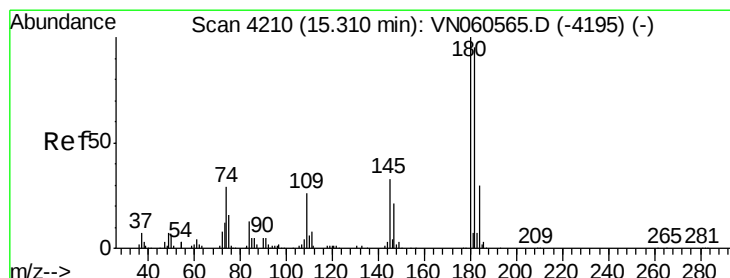
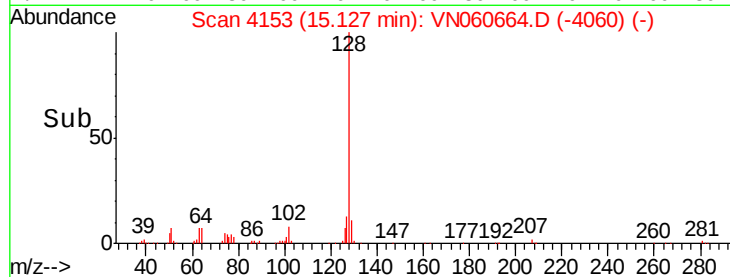
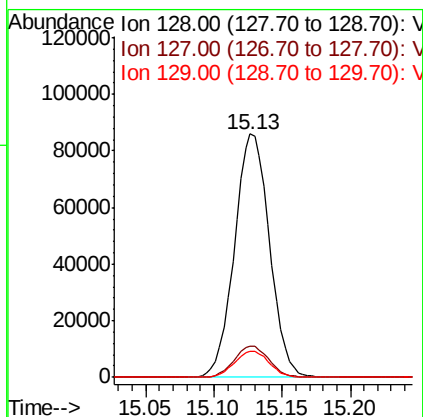
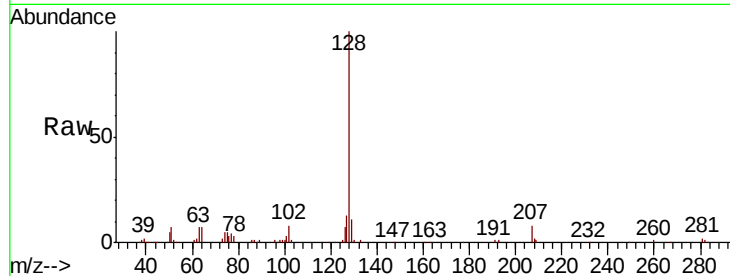




#95
Naphthalene
Concen: 19.492 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.583 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060664.D
Acq: 24 Mar 2020 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	32.8	16.3	48.8

