

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
 Data File : VN064393.D
 Acq On : 30 Oct 2020 12:25
 Operator : JC/MD
 Sample : VN1030WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

Quant Time: Oct 30 14:36:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	237133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	355187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	157876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	190873	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	7.54	113	132540	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	10.05	98	473329	48.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.37	95	181711	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	51688	18.962	ug/l	93
3) Chloromethane	2.04	50	51136	17.354	ug/l	97
4) Vinyl Chloride	2.16	62	50861	17.845	ug/l	99
5) Bromomethane	2.54	94	33576	18.231	ug/l	98
6) Chloroethane	2.68	64	30487	17.901	ug/l	97
7) Trichlorofluoromethane	2.99	101	89639	18.774	ug/l	97
8) Diethyl Ether	3.37	74	29156	19.303	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44545	18.562	ug/l	98
10) Methyl Iodide	3.91	142	49234	15.374	ug/l	97
11) Tert butyl alcohol	4.72	59	44660	80.733	ug/l #	79
12) 1,1-Dichloroethene	3.70	96	39882	17.604	ug/l	97
13) Acrolein	3.56	56	3674	46.120	ug/l #	33
14) Allyl chloride	4.27	41	76286	16.491	ug/l	96
15) Acrylonitrile	4.93	53	108040	90.820	ug/l	99
16) Acetone	3.77	43	118857	86.688	ug/l	97
17) Carbon Disulfide	4.01	76	113468	16.928	ug/l	99
18) Methyl Acetate	4.27	43	54116	18.905	ug/l	100
19) Methyl tert-butyl Ether	4.98	73	165825	19.050	ug/l	99
20) Methylene Chloride	4.50	84	49761	18.413	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	44653	17.668	ug/l	97
22) Diisopropyl ether	5.89	45	174929	19.346	ug/l	99
23) Vinyl Acetate	5.84	43	728864	95.280	ug/l	97
24) 1,1-Dichloroethane	5.79	63	92787	18.339	ug/l	99
25) 2-Butanone	6.78	43	167504	87.545	ug/l	99
26) 2,2-Dichloropropane	6.77	77	88755	17.924	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	54972	19.006	ug/l	98
28) Bromochloromethane	7.15	49	41760	17.323	ug/l	99
29) Tetrahydrofuran	7.16	42	109445	88.110	ug/l	99
30) Chloroform	7.33	83	98173	18.178	ug/l	100
31) Cyclohexane	7.61	56	73954	16.722	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	91980	17.736	ug/l	96
36) 1,1-Dichloropropene	7.75	75	72404	18.291	ug/l	99
37) Ethyl Acetate	6.87	43	61310	15.334	ug/l	96
38) Carbon Tetrachloride	7.73	117	83819	18.265	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	59610	15.187	ug/l	98
40) Benzene	8.00	78	196915	17.872	ug/l	97
41) Methacrylonitrile	7.12	41	35195	17.732	ug/l	91
42) 1,2-Dichloroethane	8.08	62	91275	19.177	ug/l	99
43) Isopropyl Acetate	8.12	43	125240	18.323	ug/l #	90
44) Trichloroethene	8.80	130	53026	18.371	ug/l	95
45) 1,2-Dichloropropane	9.08	63	54410	18.441	ug/l	95
46) Dibromomethane	9.17	93	38374	18.591	ug/l	98
47) Bromodichloromethane	9.37	83	82479	18.030	ug/l	98
48) Methyl methacrylate	9.16	41	64125	18.184	ug/l	94
49) 1,4-Dioxane	9.16	88	17709	340.710	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	352377	88.692	ug/l	99
52) Toluene	10.12	92	124691	17.934	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	87134	18.015	ug/l	98
54) cis-1,3-Dichloropropene	9.80	75	90341	18.144	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	50584	18.431	ug/l	95
56) Ethyl methacrylate	10.40	69	74073	17.829	ug/l	99
57) 1,3-Dichloropropane	10.68	76	87857	18.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	185369	81.765	ug/l	98
59) 2-Hexanone	10.72	43	253052	86.480	ug/l	98
60) Dibromochloromethane	10.87	129	60798	18.736	ug/l	97
61) 1,2-Dibromoethane	10.97	107	55355	19.795	ug/l	96
64) Tetrachloroethene	10.60	164	50373	17.255	ug/l	91
65) Chlorobenzene	11.40	112	136415	18.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	53691	18.448	ug/l	97
67) Ethyl Benzene	11.48	91	242220	18.093	ug/l	100
68) m/p-Xylenes	11.59	106	181899	36.664	ug/l	97
69) o-Xylene	11.92	106	86841	18.169	ug/l	95
70) Styrene	11.94	104	145269	18.537	ug/l	99
71) Bromoform	12.10	173	39869	17.454	ug/l #	96
73) Isopropylbenzene	12.22	105	221268	18.713	ug/l	99
74) N-amyl acetate	12.04	43	101029	19.411	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	65261	18.987	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	99817	26.402	ug/l #	100
77) Bromobenzene	12.50	156	56616	19.553	ug/l	99
78) n-propylbenzene	12.56	91	245195	18.316	ug/l	99
79) 2-Chlorotoluene	12.65	91	161932	18.923	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	184076	18.398	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	23297	17.750	ug/l	93
82) 4-Chlorotoluene	12.75	91	169770	19.474	ug/l	99
83) tert-Butylbenzene	12.96	119	150333	18.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	192245	19.230	ug/l	100
85) sec-Butylbenzene	13.14	105	183120	17.236	ug/l	99
86) p-Isopropyltoluene	13.26	119	164663	17.203	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	95507	18.842	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	95906	18.577	ug/l	100
89) n-Butylbenzene	13.59	91	138919	16.475	ug/l	97
90) Hexachloroethane	13.84	117	31027	17.260	ug/l	98
91) 1,2-Dichlorobenzene	13.62	146	92803	18.415	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16568	19.427	ug/l	94

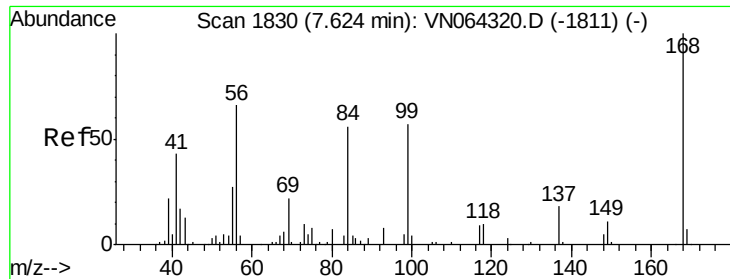
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN103020\
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	44431	16.739	ug/l	97
94) Hexachlorobutadiene	14.98	225	23588	15.253	ug/l	95
95) Naphthalene	15.10	128	134011	16.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	42397	16.705	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

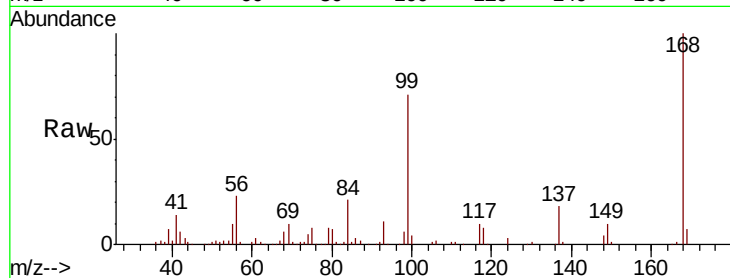
VN1030WBSD01

Tot Ion:168 Resp: 237133

Ion Ratio Lower Upper

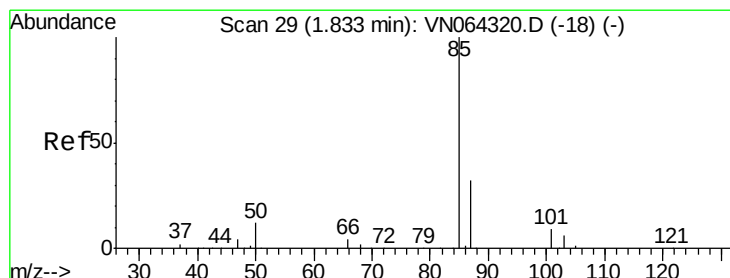
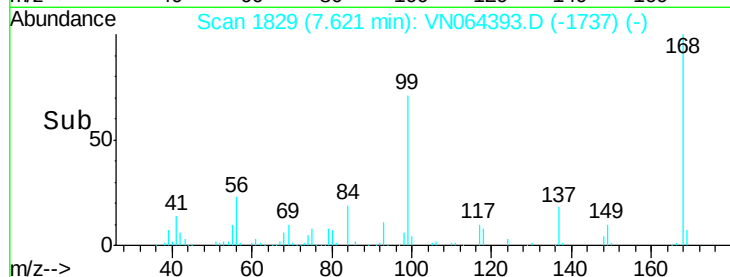
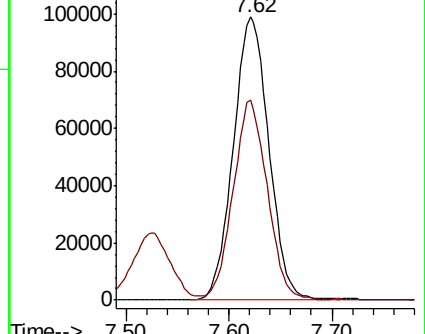
168 100

99 70.3 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.962 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064393.D

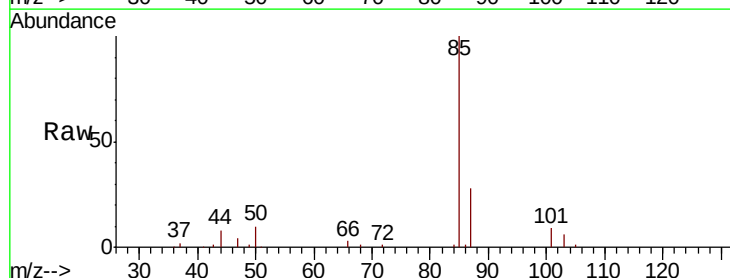
Acq: 30 Oct 2020 12:25

Tgt Ion: 85 Resp: 51688

Ion Ratio Lower Upper

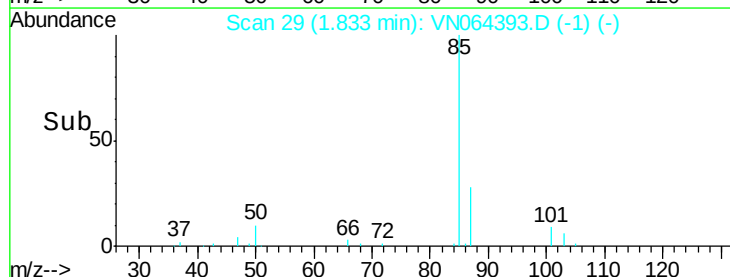
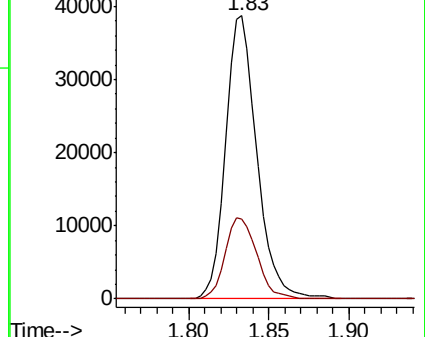
85 100

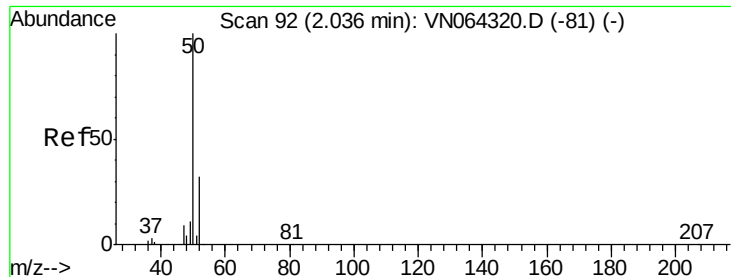
87 28.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.354 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

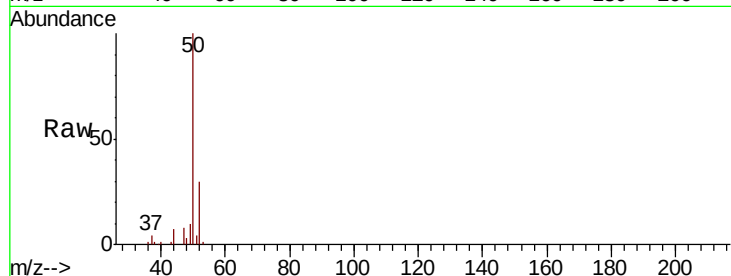
VN1030WBSD01

Tot Ion: 50 Resp: 51136

Ion Ratio Lower Upper

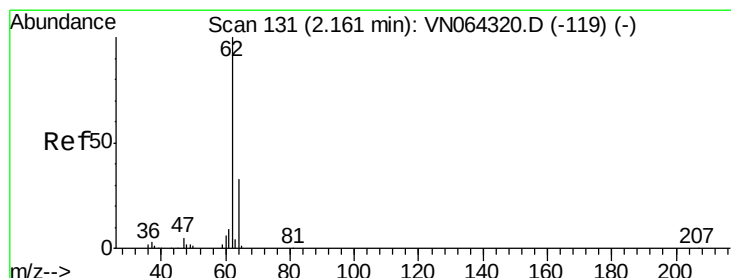
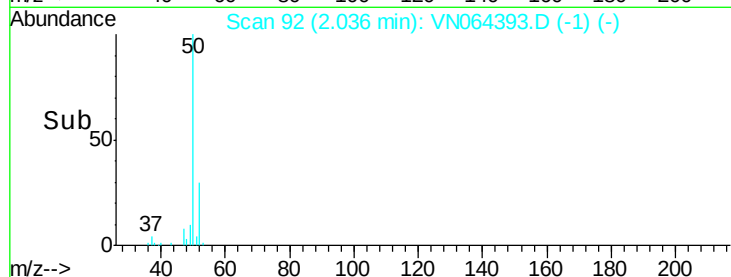
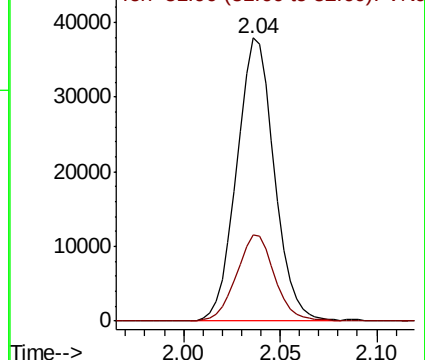
50 100

52 30.3 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.845 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064393.D

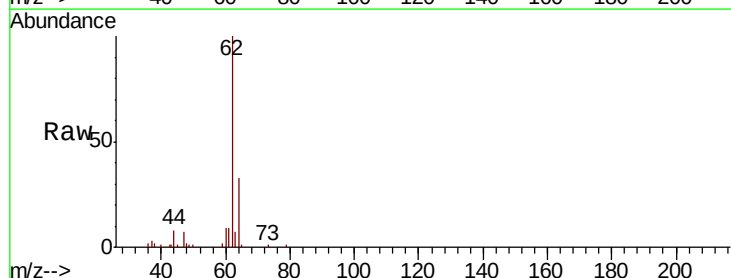
Acq: 30 Oct 2020 12:25

Tgt Ion: 62 Resp: 50861

Ion Ratio Lower Upper

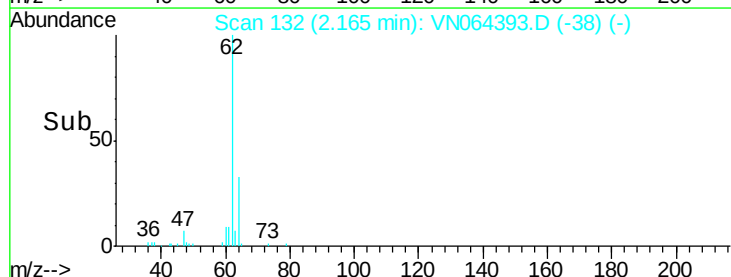
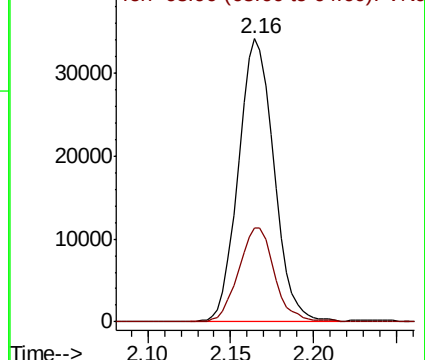
62 100

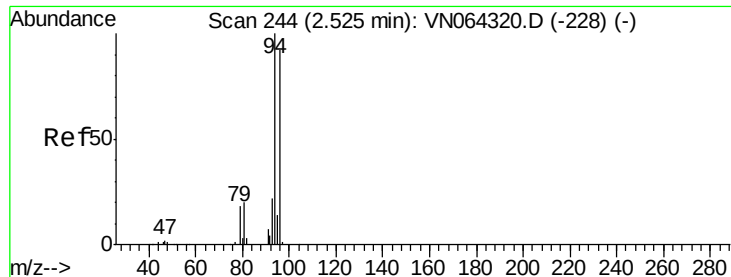
64 33.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.231 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

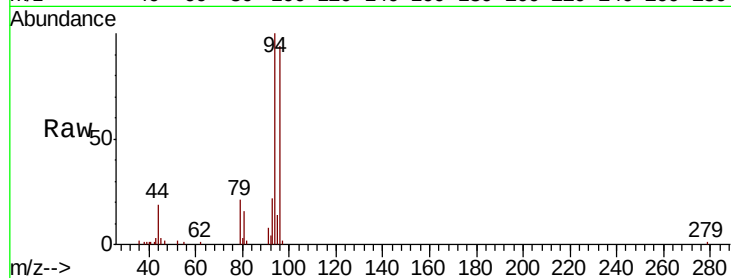
VN1030WBSD01

Tot Ion: 94 Resp: 33576

Ion Ratio Lower Upper

94 100

96 93.8 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN064393.D (-151) (-)

Ion 95.90 (95.60 to 96.60): VN064393.D (-151) (-)

2.54

20000

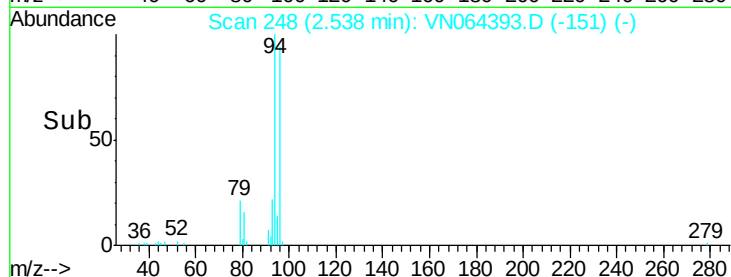
15000

10000

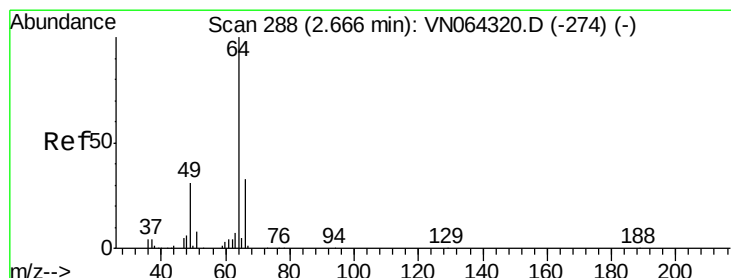
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 17.901 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064393.D

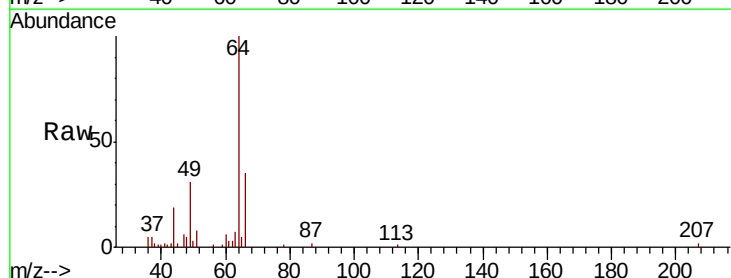
Acq: 30 Oct 2020 12:25

Tgt Ion: 64 Resp: 30487

Ion Ratio Lower Upper

64 100

66 34.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN064393.D (-195) (-)

Ion 65.90 (65.60 to 66.60): VN064393.D (-195) (-)

2.68

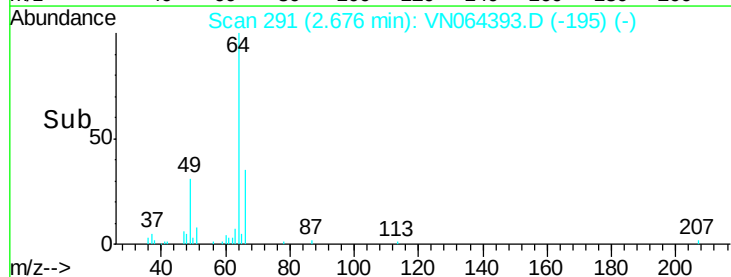
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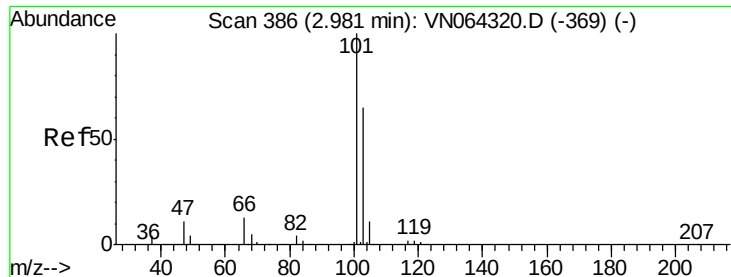
10000

5000

0

Time-->



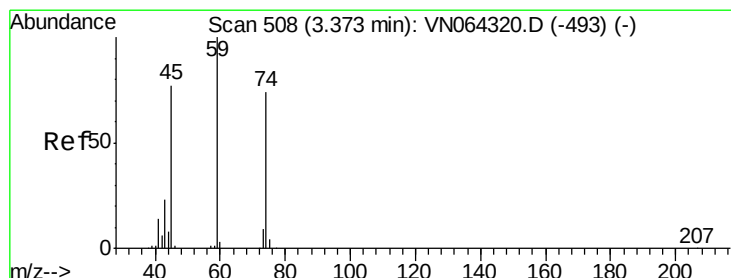
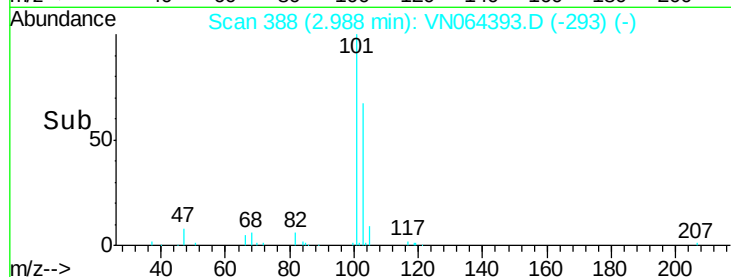
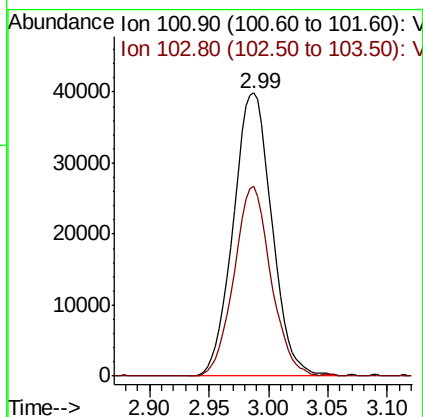
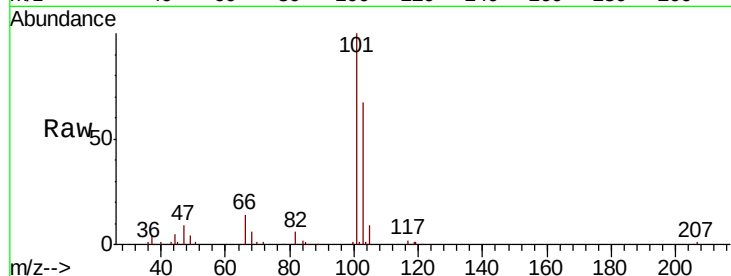


#7

Trichlorofluoromethane
 Concen: 18.774 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

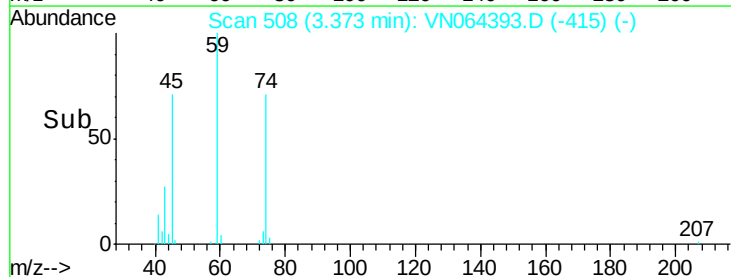
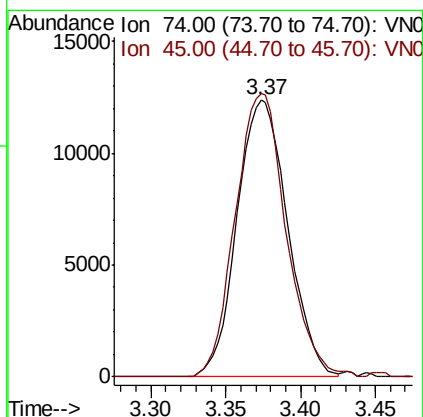
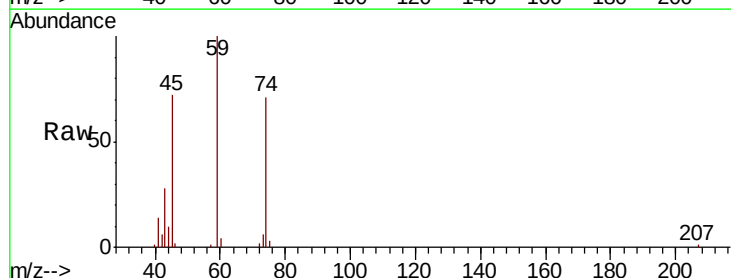
Tot Ion:101 Resp: 89639
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.7 77.5

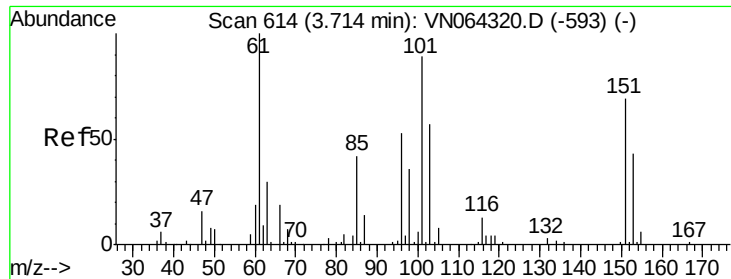


#8

Diethyl Ether
 Concen: 19.303 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 74 Resp: 29156
 Ion Ratio Lower Upper
 74 100
 45 102.7 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.562 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

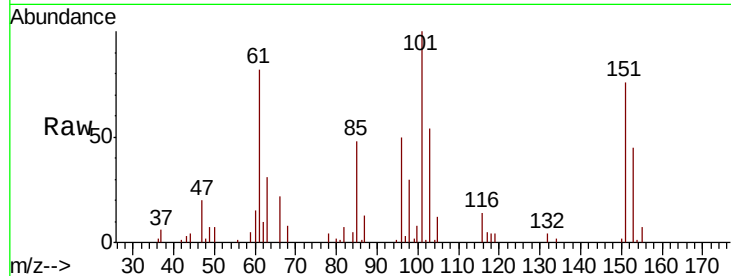
Tot Ion:101 Resp: 44545

Ion Ratio Lower Upper

101 100

85 47.8 38.4 57.6

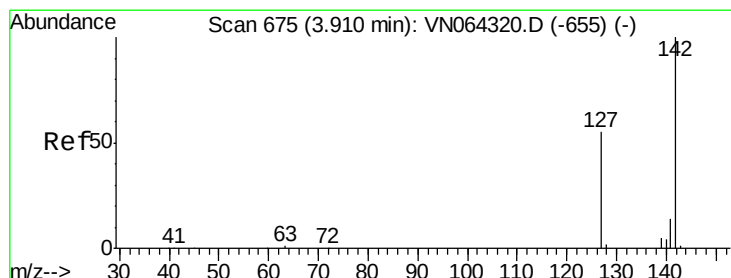
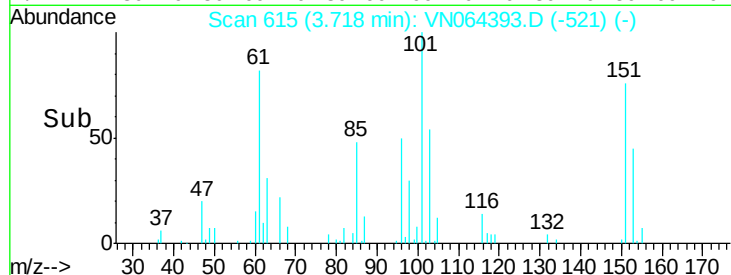
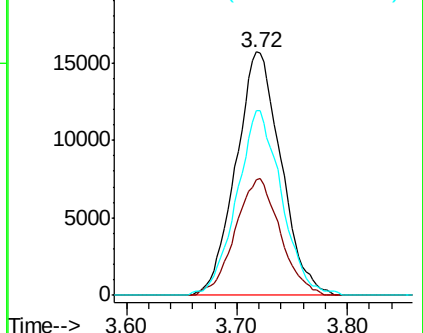
151 75.3 62.0 93.0



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: 15.374 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

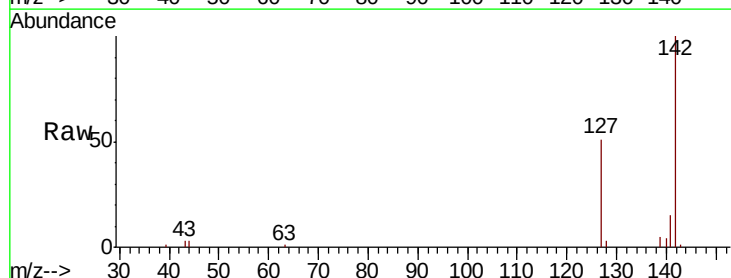
Tgt Ion:142 Resp: 49234

Ion Ratio Lower Upper

142 100

127 52.3 43.3 64.9

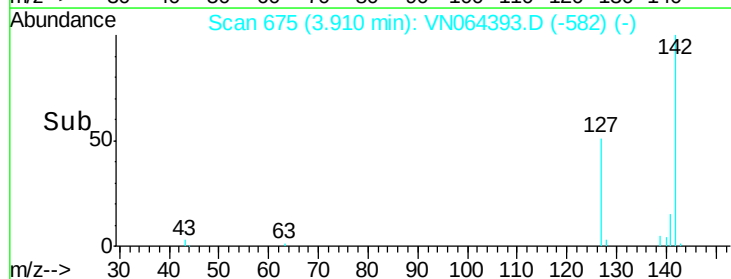
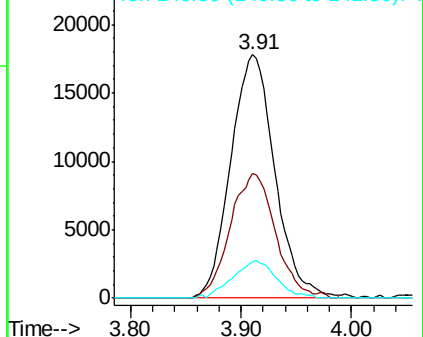
141 15.4 11.5 17.3

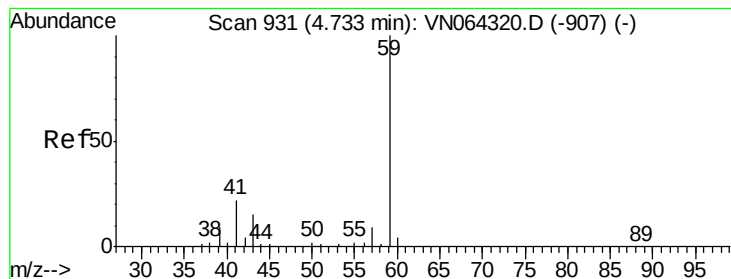


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 80.733 ug/l

RT: 4.72 min Scan# 927

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

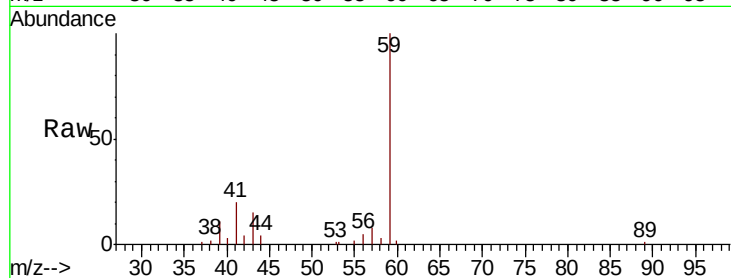
VN1030WBSD01

Tot Ion: 59 Resp: 44660

Ion Ratio Lower Upper

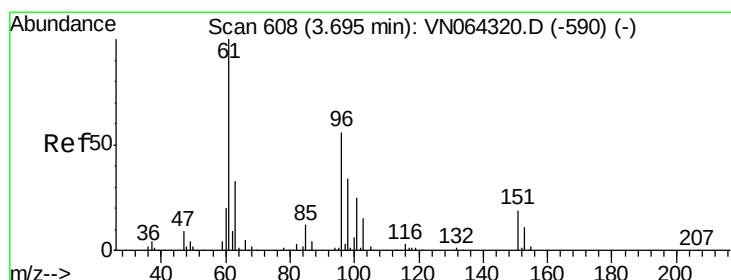
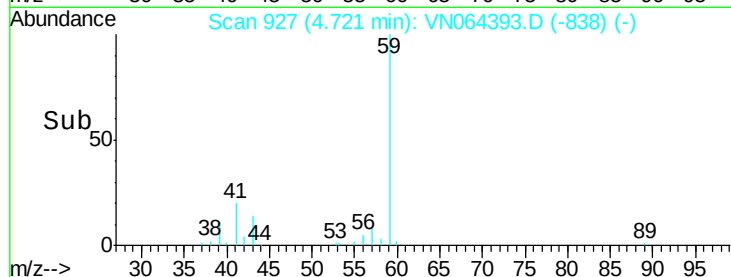
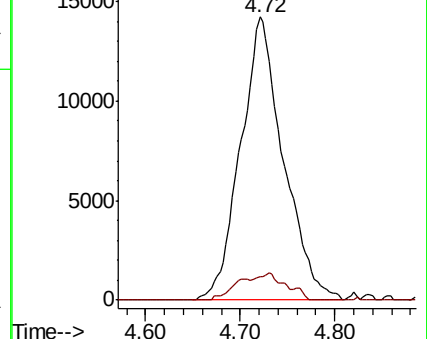
59 100

57 3.6 9.4 14.0#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.604 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

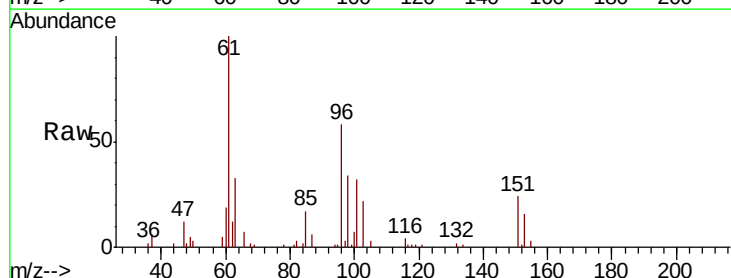
Tgt Ion: 96 Resp: 39882

Ion Ratio Lower Upper

96 100

61 173.7 143.6 215.4

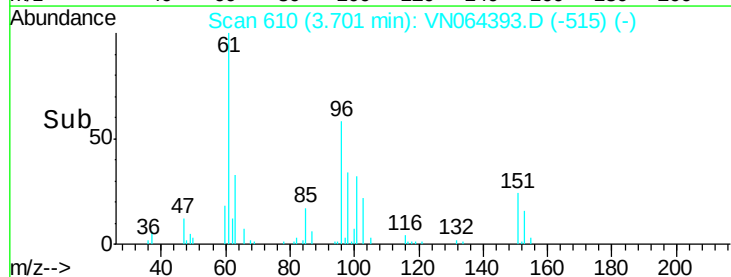
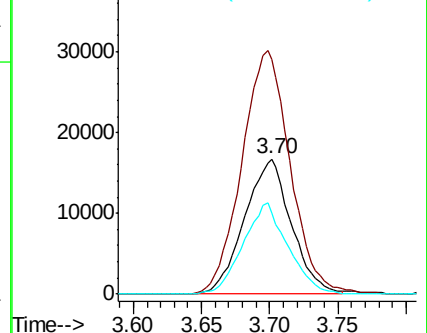
98 59.8 48.6 73.0

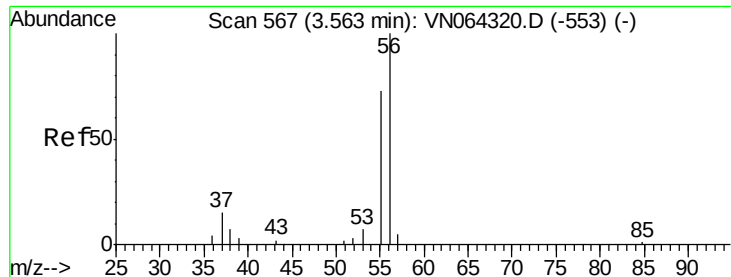


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 46.120 ug/l

RT: 3.56 min Scan# 567

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

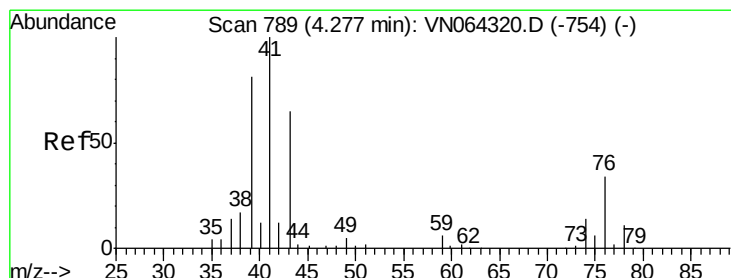
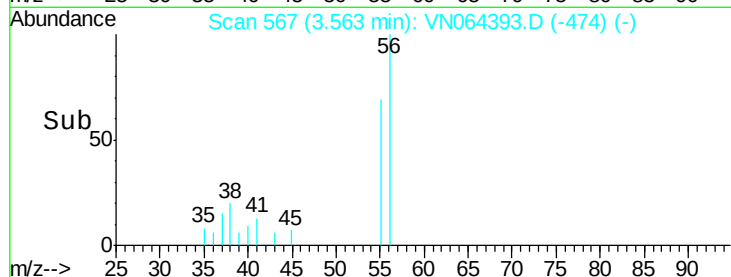
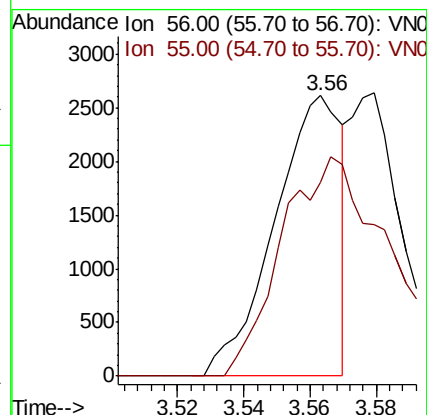
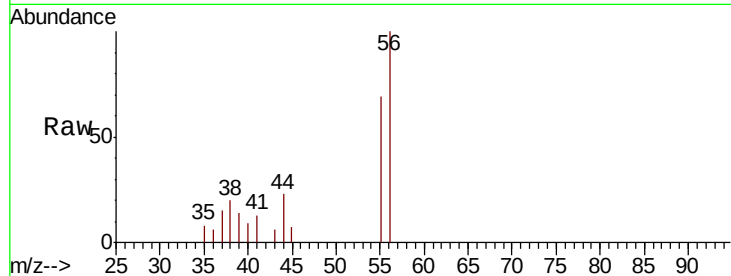
VN1030WBSD01

Tot Ion: 56 Resp: 3674

Ion Ratio Lower Upper

56 100

55 136.6 62.6 94.0#



#14

Allyl chloride

Concen: 16.491 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

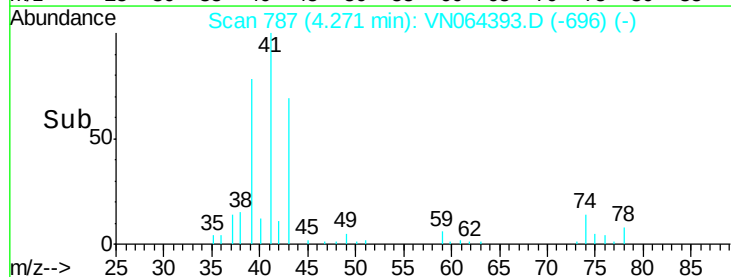
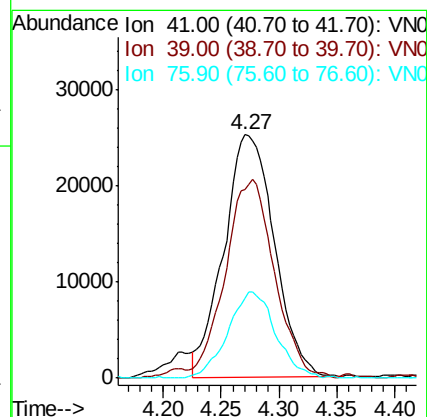
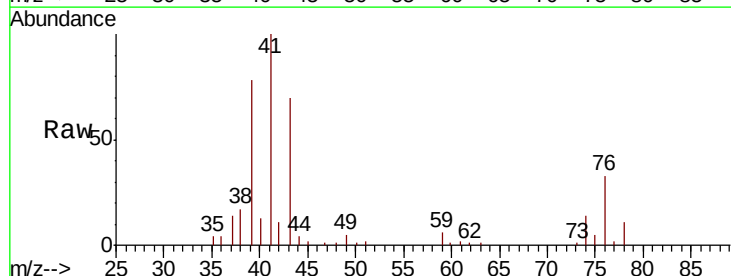
Tgt Ion: 41 Resp: 76286

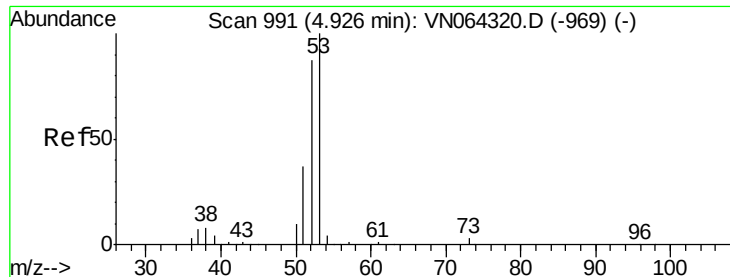
Ion Ratio Lower Upper

41 100

39 80.0 61.7 92.5

76 33.6 24.0 36.0





#15

Acrylonitrile

Concen: 90.820 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

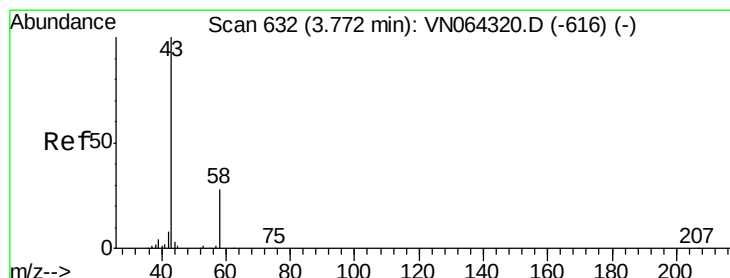
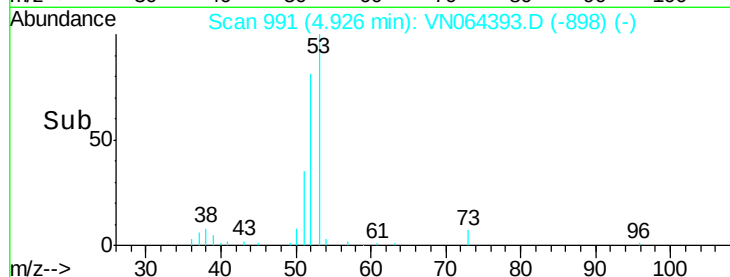
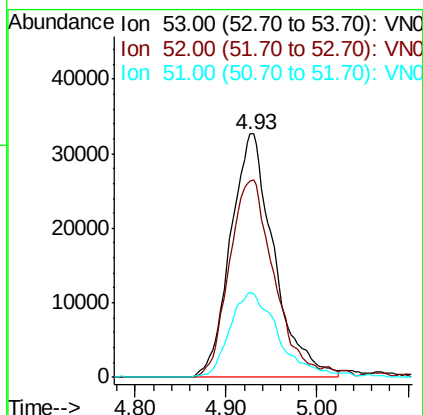
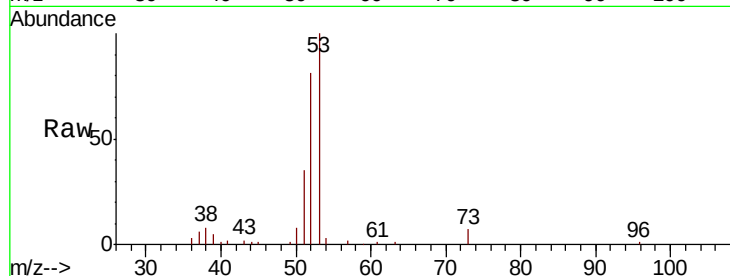
Tot Ion: 53 Resp: 108040

Ion Ratio Lower Upper

53 100

52 83.0 65.9 98.9

51 39.5 30.4 45.6



#16

Acetone

Concen: 86.688 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064393.D

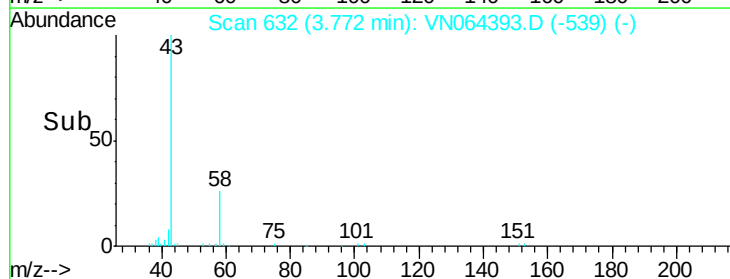
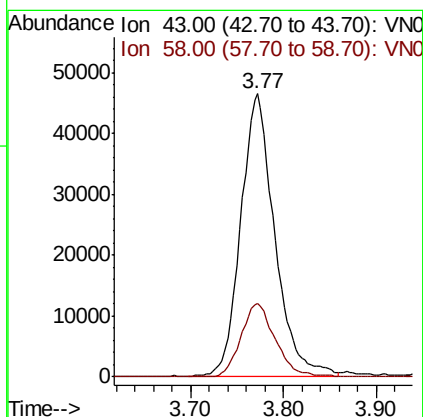
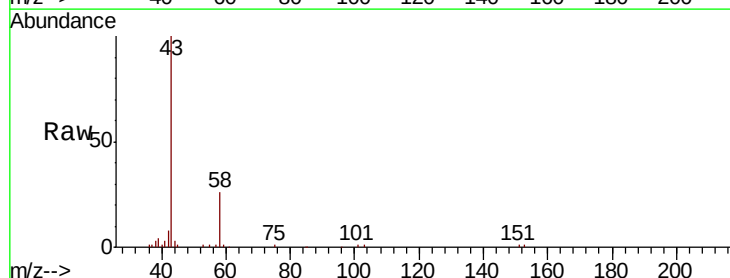
Acq: 30 Oct 2020 12:25

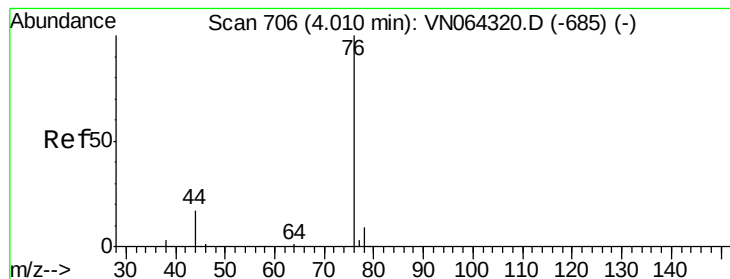
Tgt Ion: 43 Resp: 118857

Ion Ratio Lower Upper

43 100

58 25.9 22.1 33.1





#17

Carbon Disulfide

Concen: 16.928 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

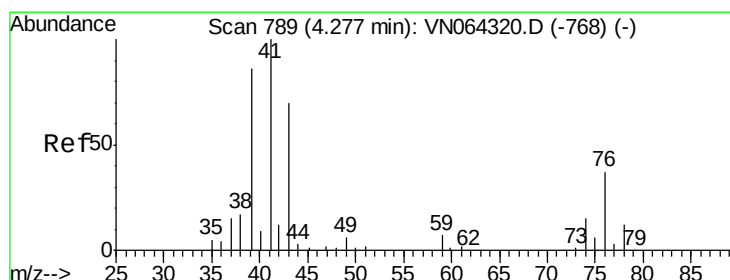
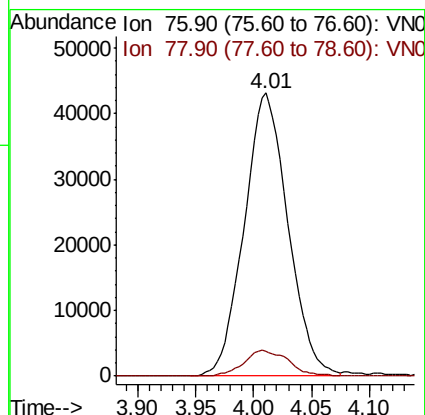
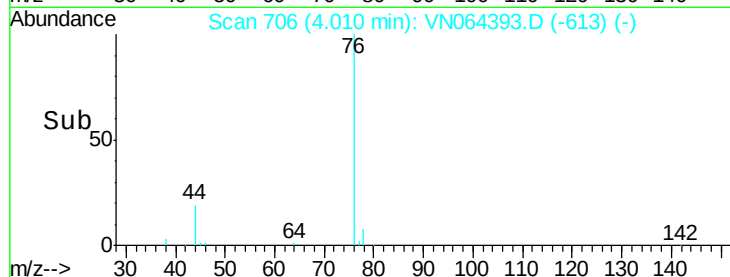
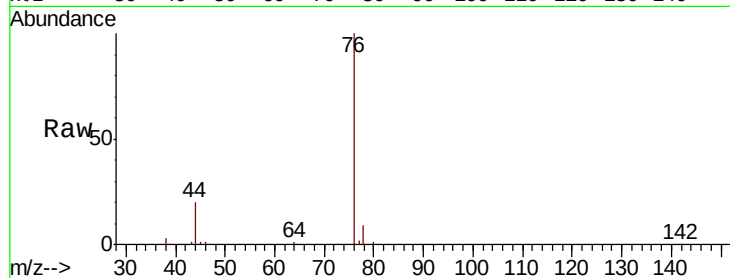
VN1030WBSD01

Tot Ion: 76 Resp: 113468

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9



#18

Methyl Acetate

Concen: 18.905 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.01 min

Lab File: VN064393.D

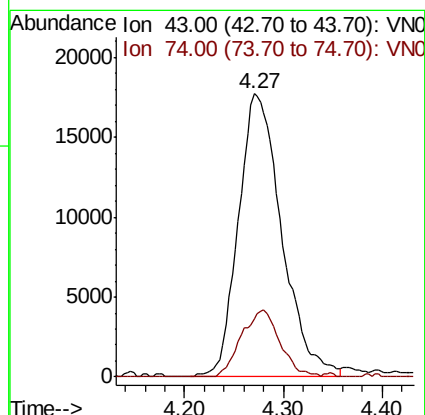
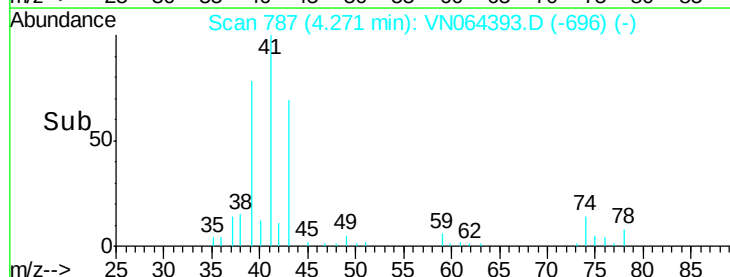
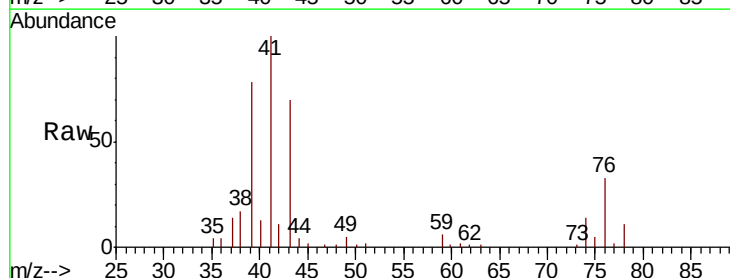
Acq: 30 Oct 2020 12:25

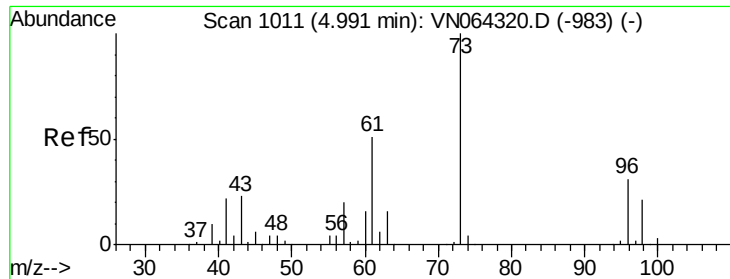
Tgt Ion: 43 Resp: 54116

Ion Ratio Lower Upper

43 100

74 21.0 16.7 25.1

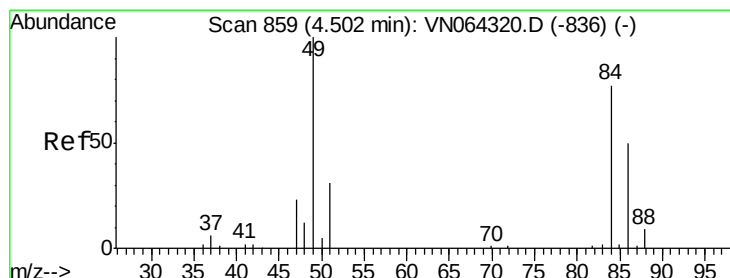
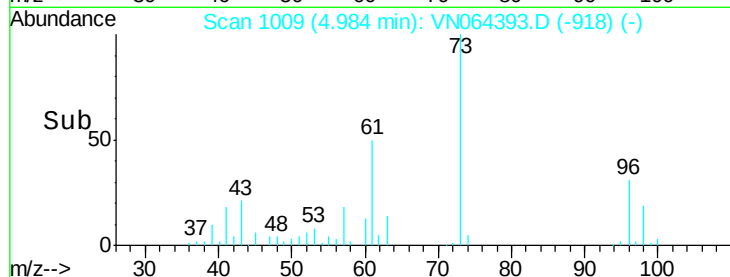
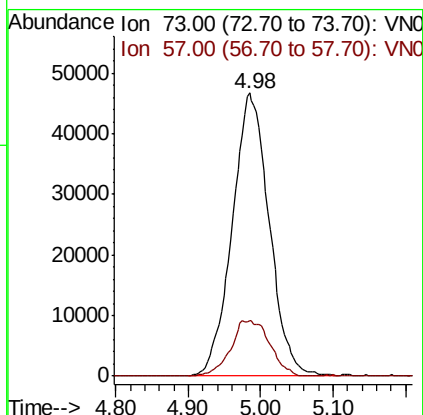
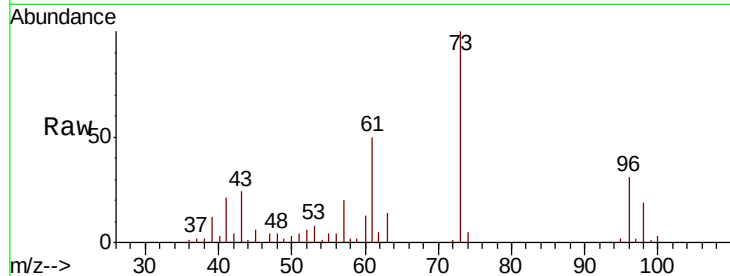




#19
Methyl tert-butyl Ether
Concen: 19.050 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

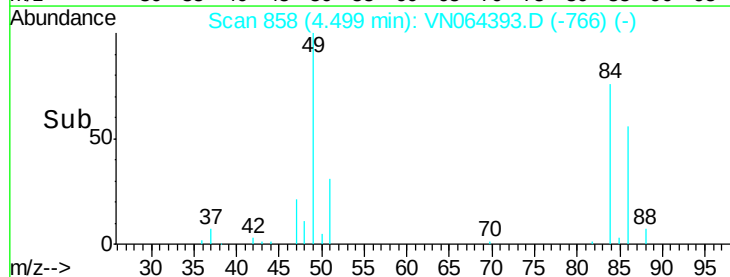
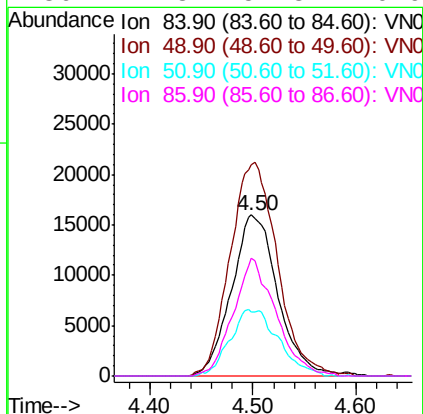
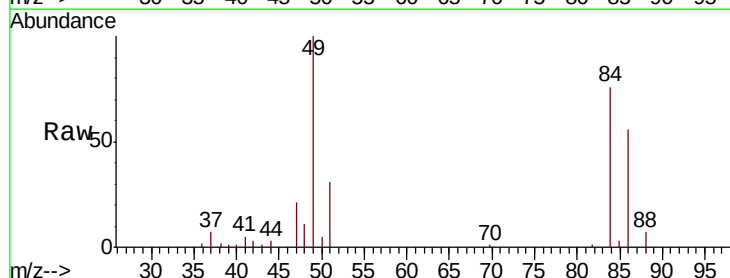
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

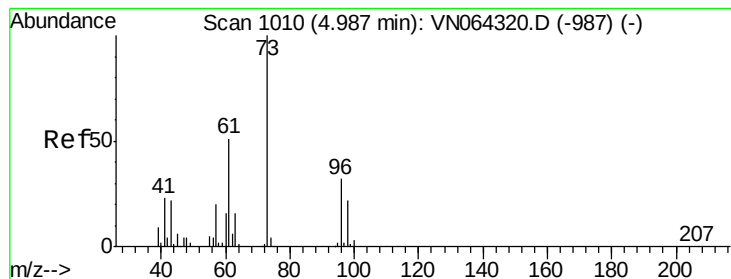
Tot Ion: 73 Resp: 165825
Ion Ratio Lower Upper
73 100
57 19.7 16.1 24.1



#20
Methylene Chloride
Concen: 18.413 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 84 Resp: 49761
Ion Ratio Lower Upper
84 100
49 131.1 103.6 155.4
51 40.1 31.8 47.8
86 72.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.668 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

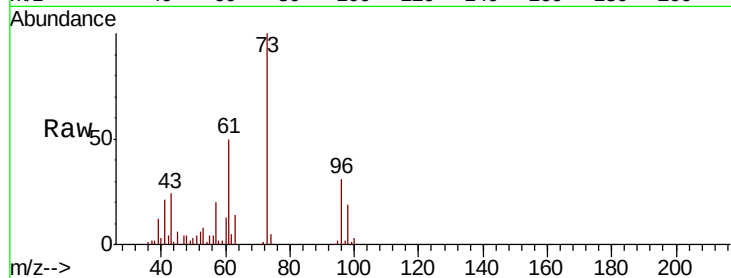
Tot Ion: 96 Resp: 44653

Ion Ratio Lower Upper

96 100

61 159.8 128.2 192.2

98 62.8 56.1 84.1

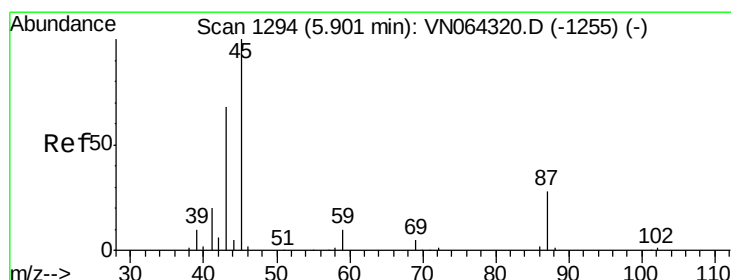
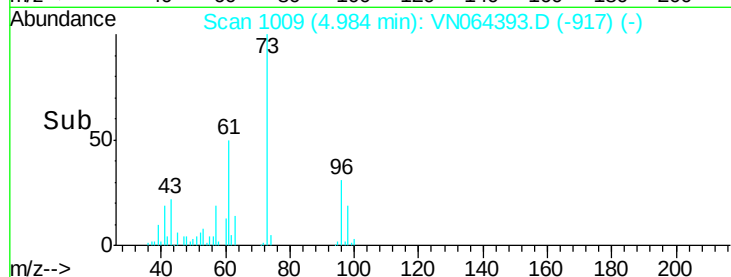
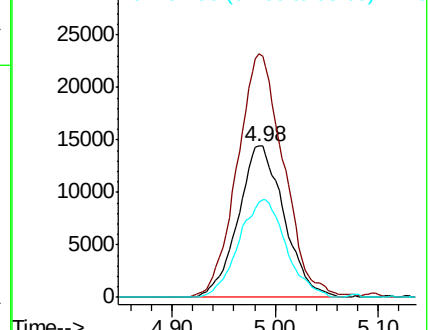


Abundance

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: 19.346 ug/l

RT: 5.89 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Tgt Ion: 45 Resp: 174929

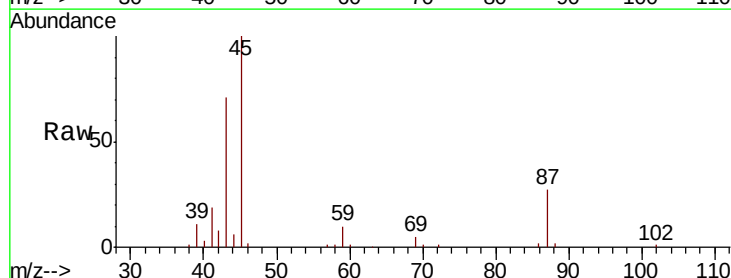
Ion Ratio Lower Upper

45 100

43 68.2 54.6 82.0

87 26.9 22.6 33.8

59 9.9 8.6 12.8



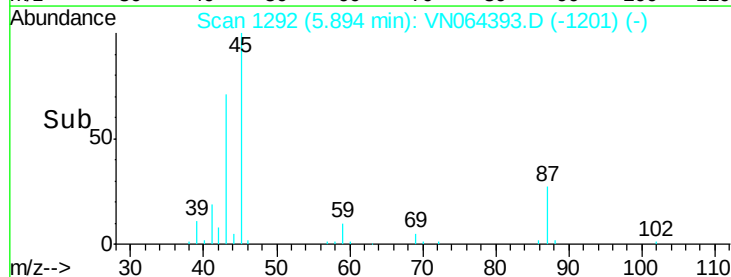
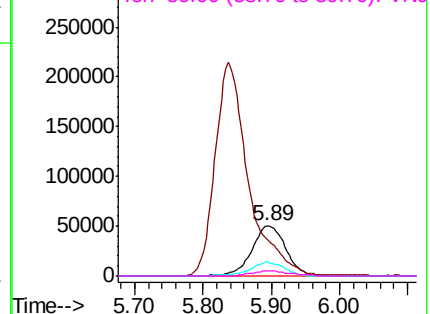
Abundance

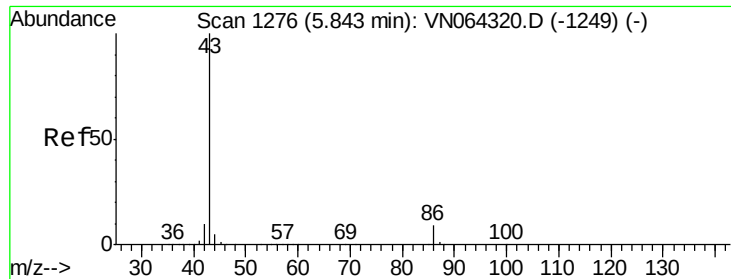
Ion 45.00 (44.70 to 45.70): VN0

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: 95.280 ug/l

RT: 5.84 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

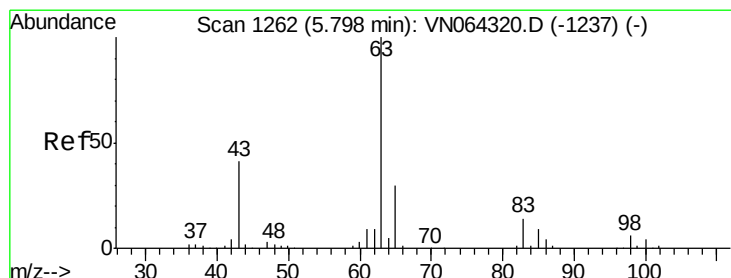
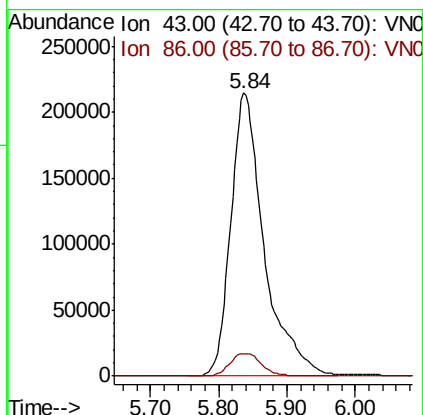
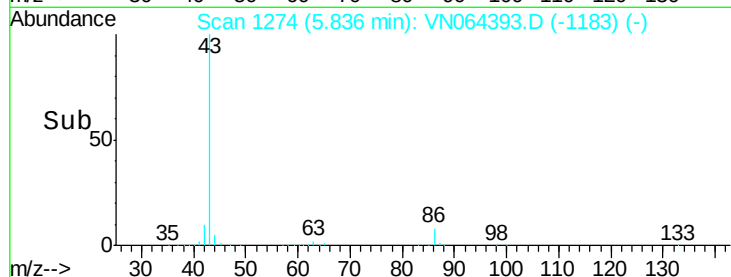
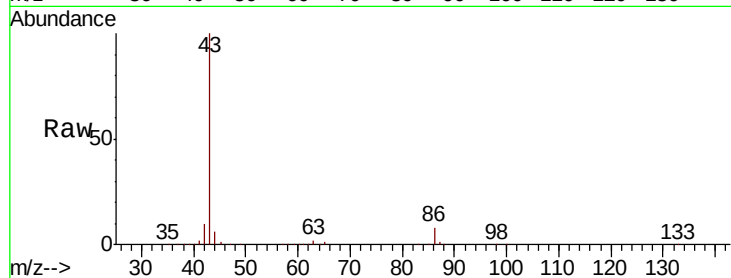
VN1030WBSD01

Tot Ion: 43 Resp: 728864

Ion Ratio Lower Upper

43 100

86 8.1 7.3 10.9



#24

1,1-Dichloroethane

Concen: 18.339 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

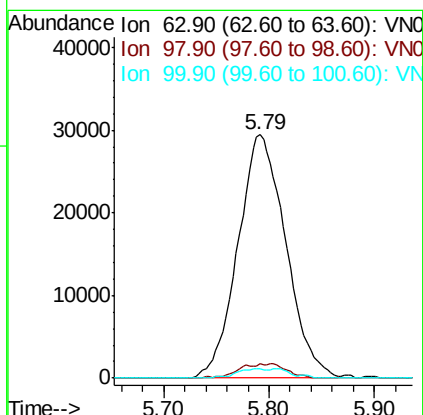
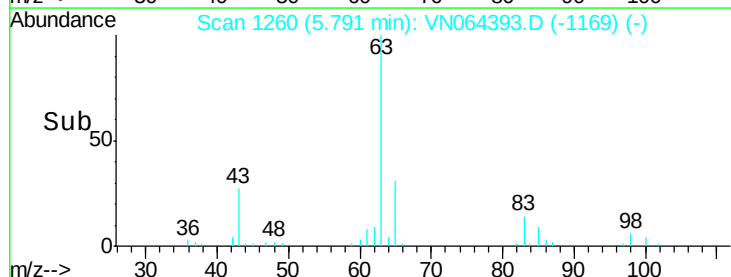
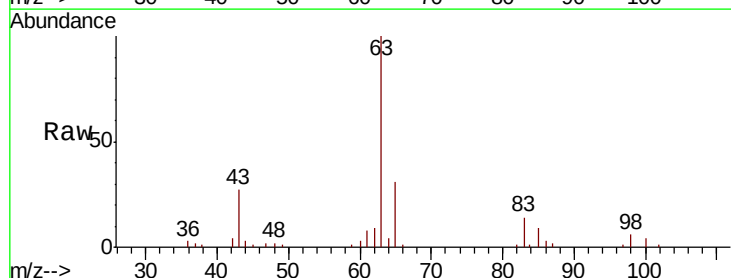
Tgt Ion: 63 Resp: 92787

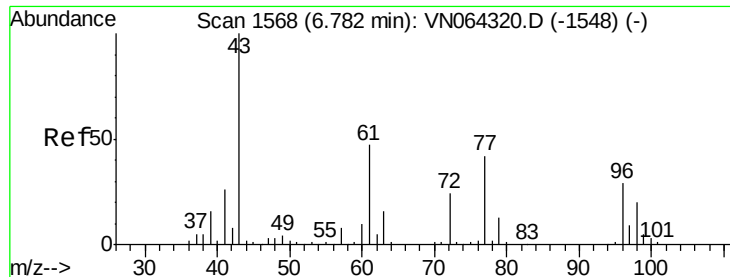
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.4

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 87.545 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

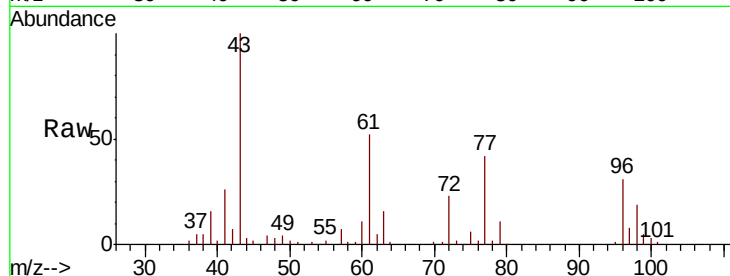
VN1030WBSD01

Tot Ion: 43 Resp: 167504

Ion Ratio Lower Upper

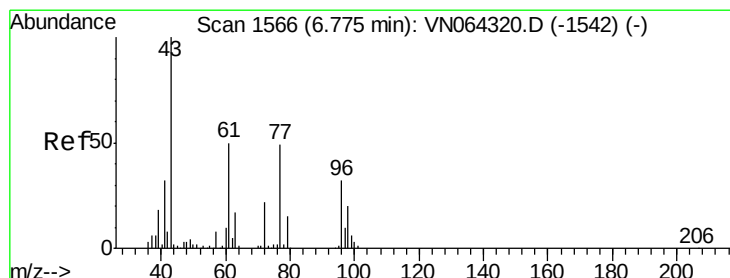
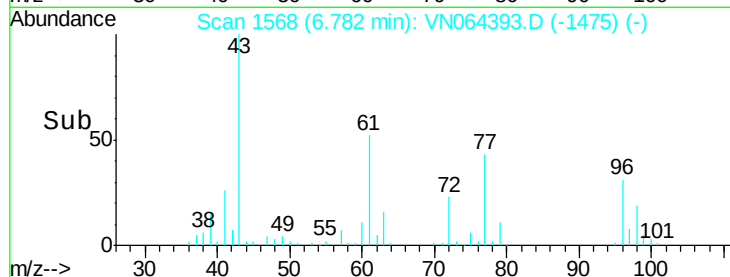
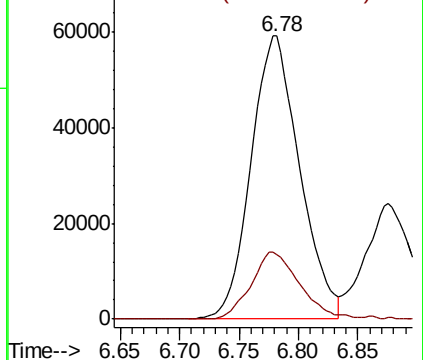
43 100

72 22.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.924 ug/l

RT: 6.77 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN064393.D

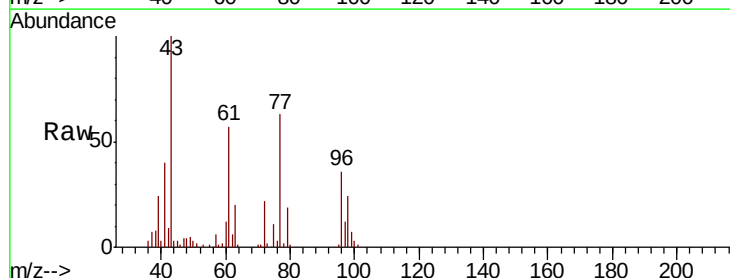
Acq: 30 Oct 2020 12:25

Tgt Ion: 77 Resp: 88755

Ion Ratio Lower Upper

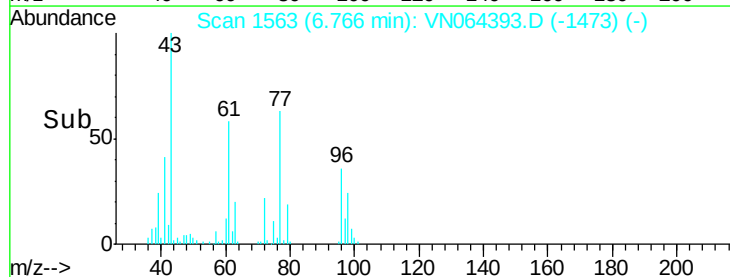
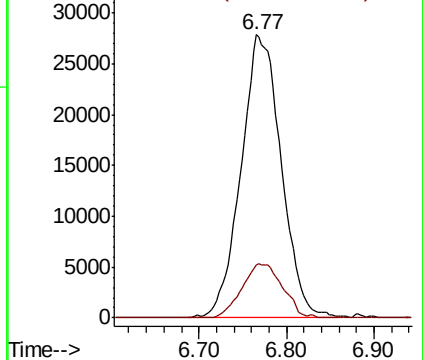
77 100

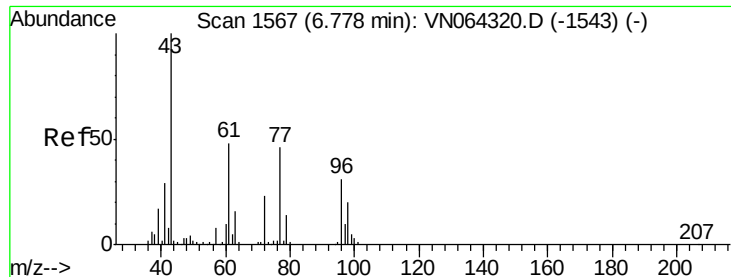
97 19.2 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

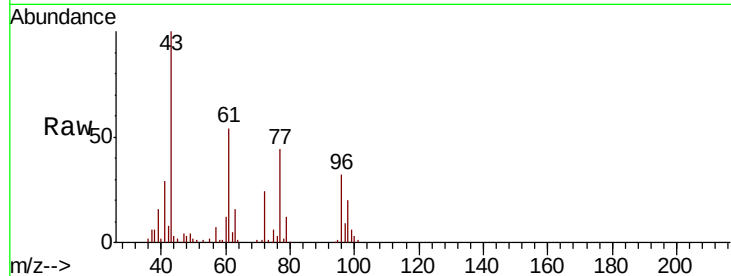




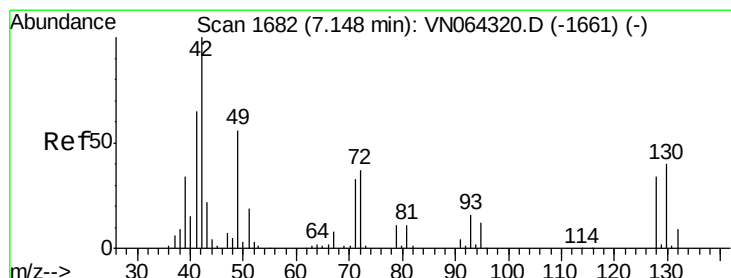
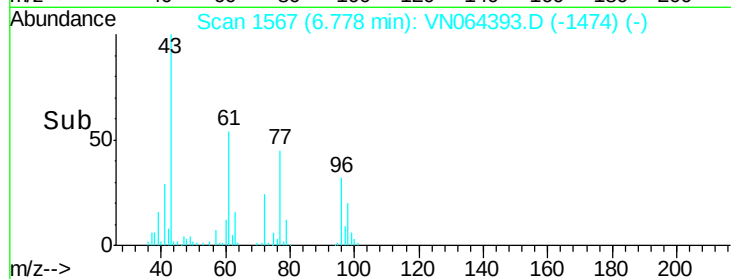
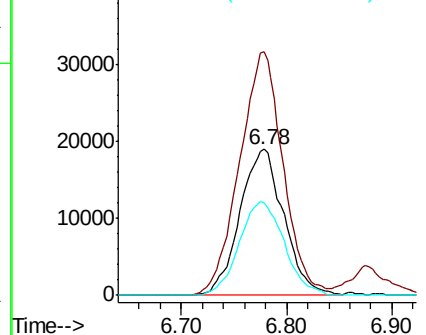
#27
 cis-1,2-Dichloroethene
 Concen: 19.006 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN1030WBSD01

Tot Ion: 96 Resp: 54972
 Ion Ratio Lower Upper
 96 100
 61 165.2 0.0 325.0
 98 65.7 0.0 128.4

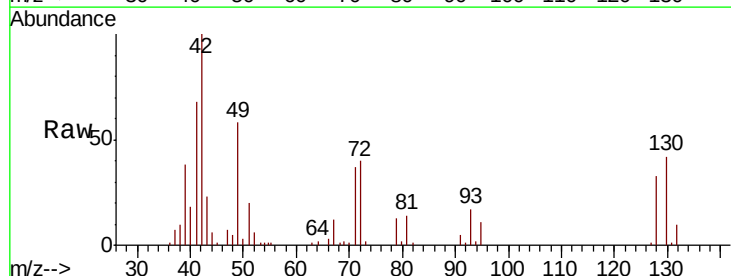


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

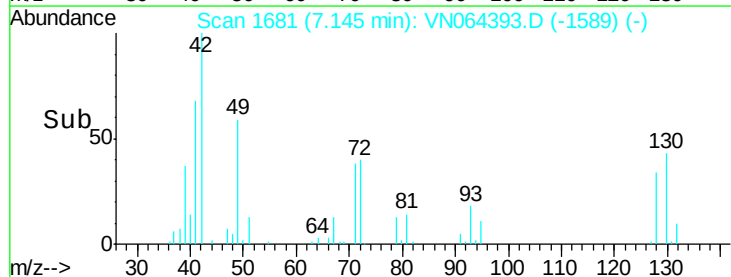
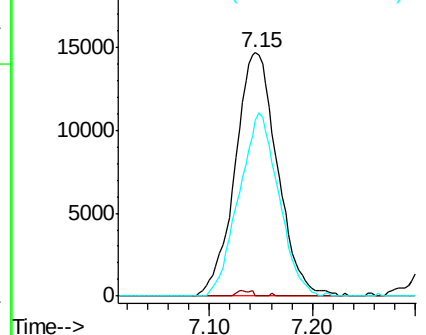


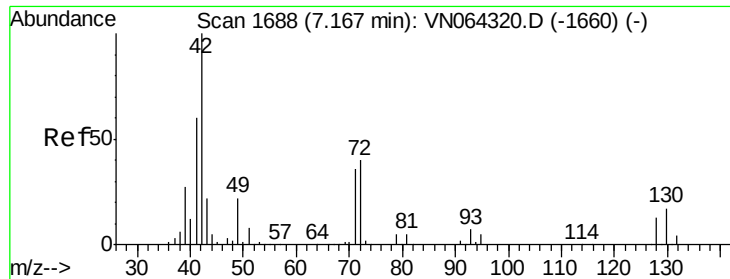
#28
 Bromochloromethane
 Concen: 17.323 ug/l
 RT: 7.15 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 49 Resp: 41760
 Ion Ratio Lower Upper
 49 100
 129 0.1 0.0 2.8
 130 70.6 56.2 84.2



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

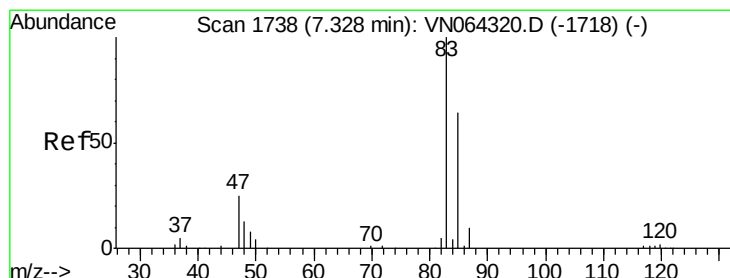
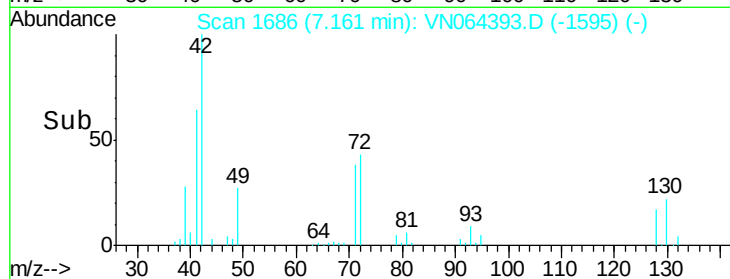
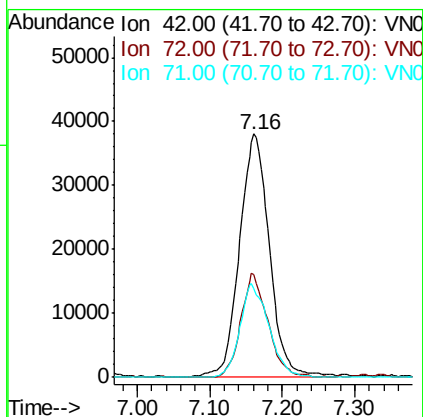
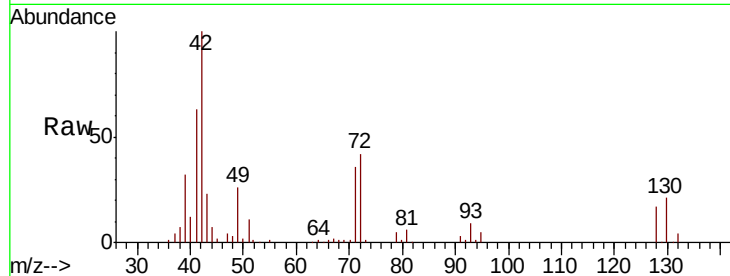




#29
Tetrahydrofuran
Concen: 88.110 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

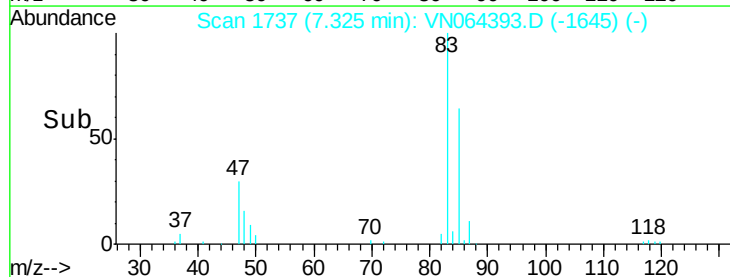
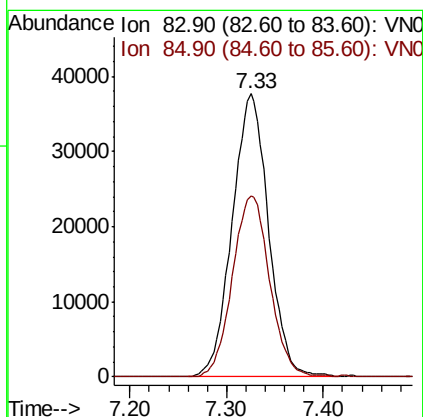
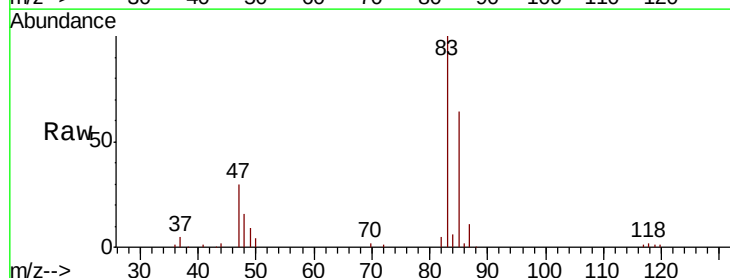
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

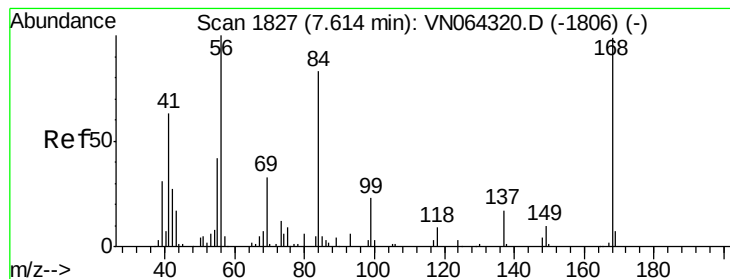
Tot Ion: 42 Resp: 109445
Ion Ratio Lower Upper
42 100
72 38.5 31.6 47.4
71 37.1 29.4 44.0



#30
Chloroform
Concen: 18.178 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 83 Resp: 98173
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7





#31

Cyclohexane

Concen: 16.722 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

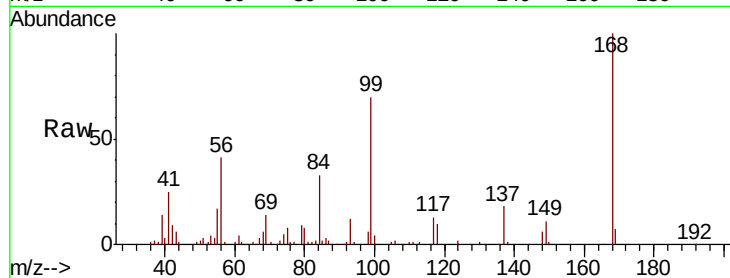
Tot Ion: 56 Resp: 73954

Ion Ratio Lower Upper

56 100

69 34.6 25.8 38.8

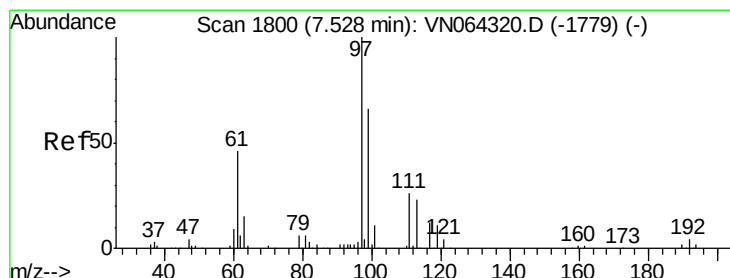
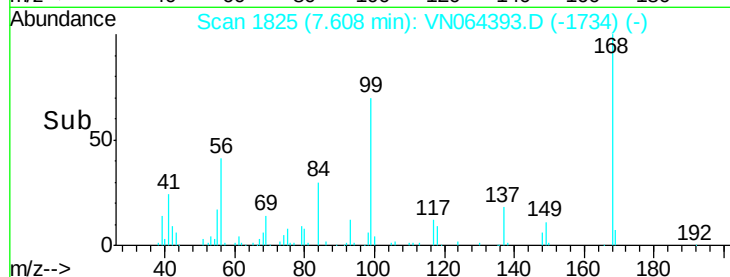
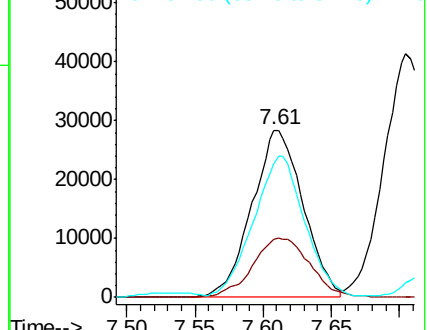
84 77.0 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064393.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064393.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064393.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 17.736 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

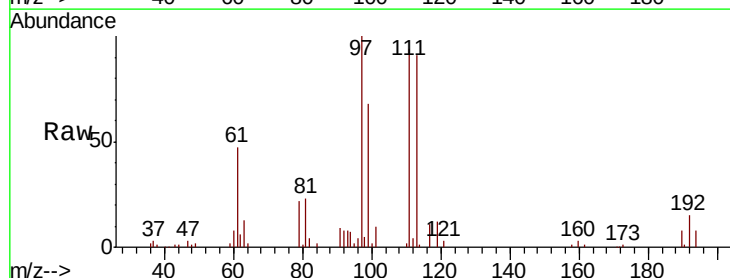
Tgt Ion: 97 Resp: 91980

Ion Ratio Lower Upper

97 100

99 66.2 50.6 76.0

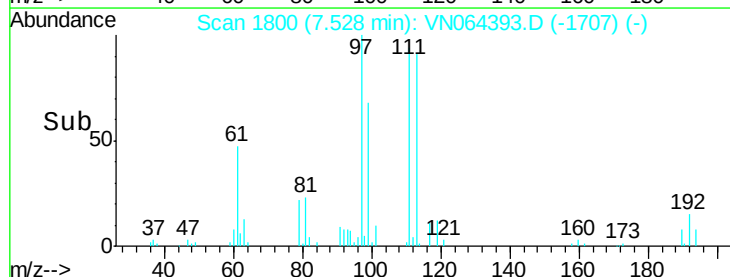
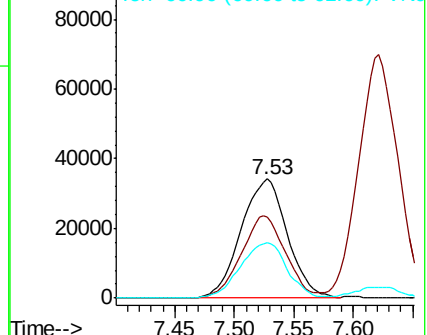
61 47.0 35.8 53.6

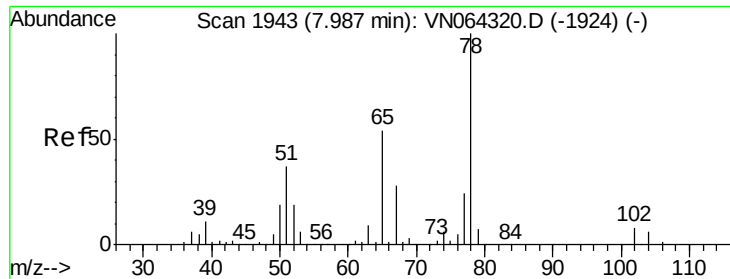


Abundance Ion 96.90 (96.60 to 97.60): VN064393.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064393.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064393.D (-1707) (-)

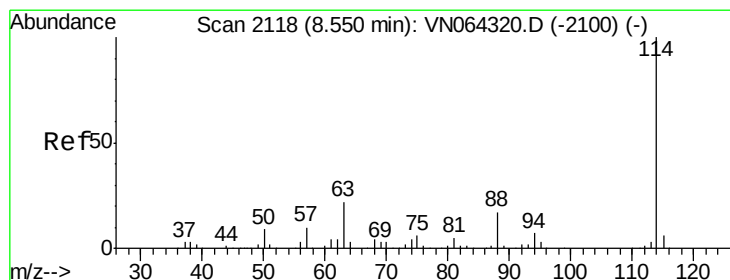
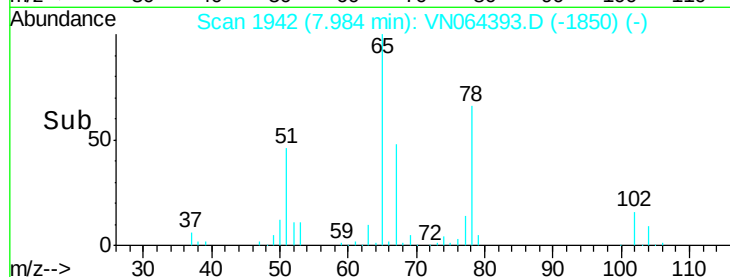
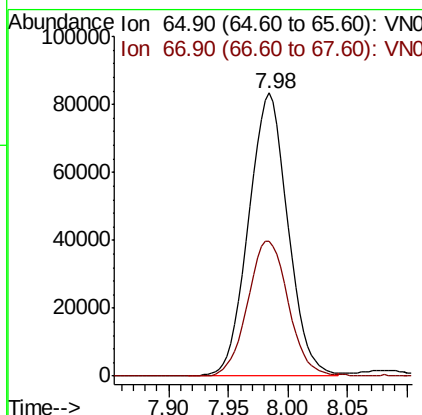
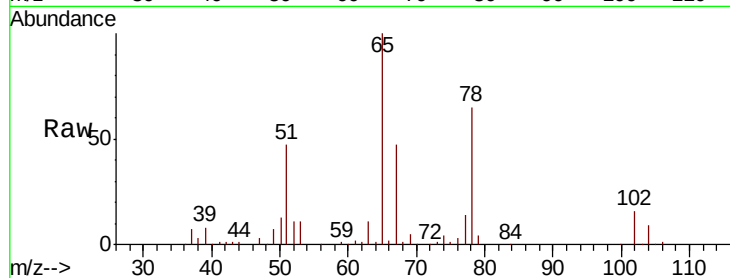




#33
 1,2-Dichloroethane-d4
 Concen: 50.089 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

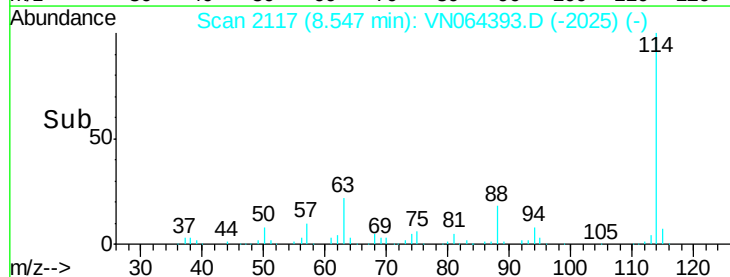
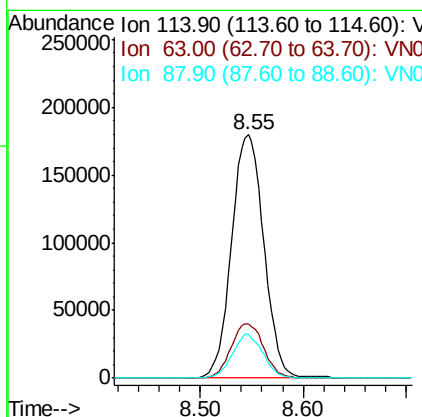
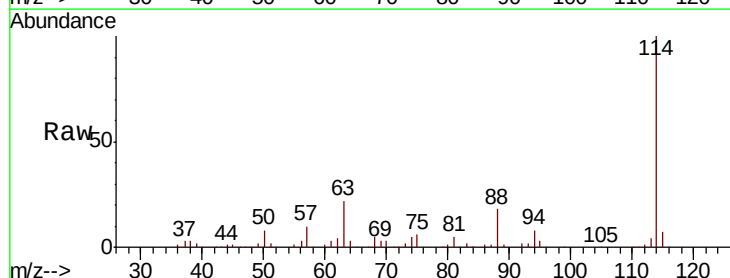
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

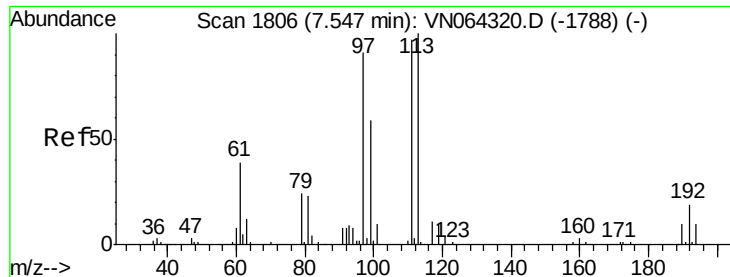
Tot Ion: 65 Resp: 190873
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 114 Resp: 392221
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.6
 88 17.8 0.0 33.4

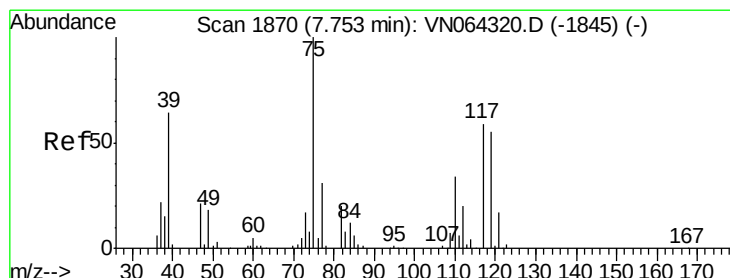
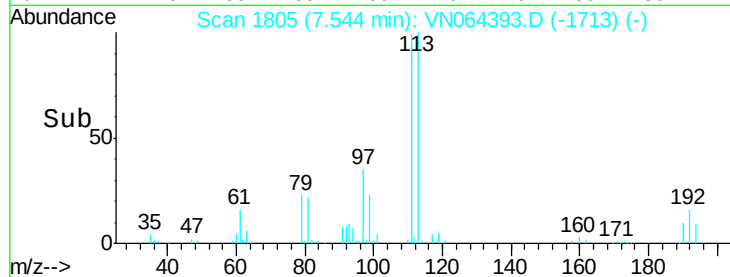
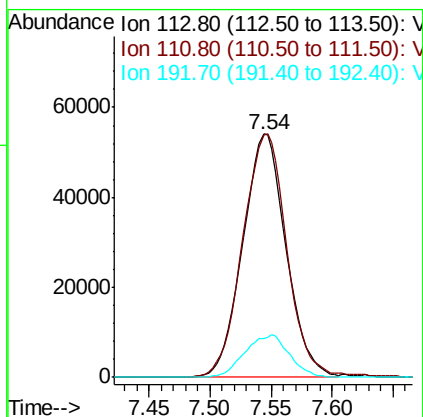
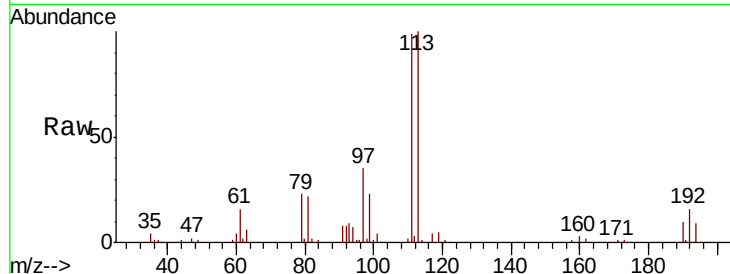




#35
 Dibromofluoromethane
 Concen: 50.672 ug/l
 RT: 7.54 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

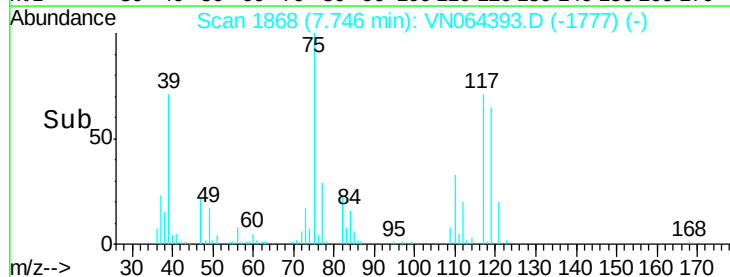
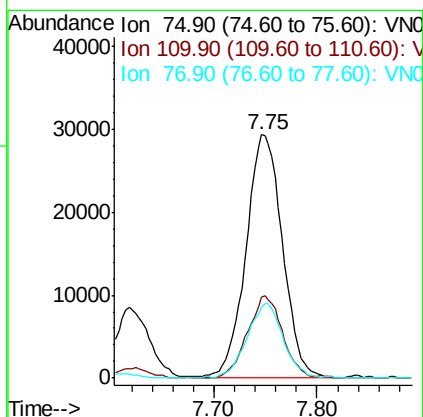
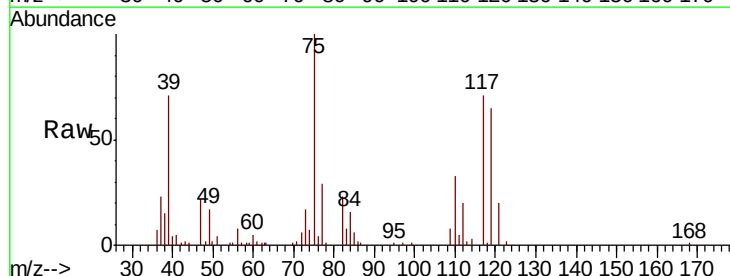
Instrument :
 MSVOA_N
 ClientSampled :
 VN1030WBSD01

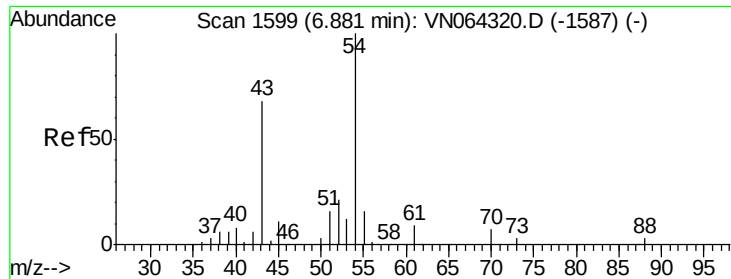
Tot Ion:113 Resp: 132540
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.5 122.3
 192 17.9 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 18.291 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 75 Resp: 72404
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.8 50.3
 77 30.1 24.2 36.4

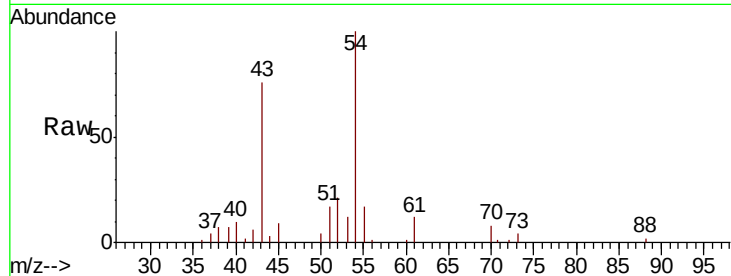




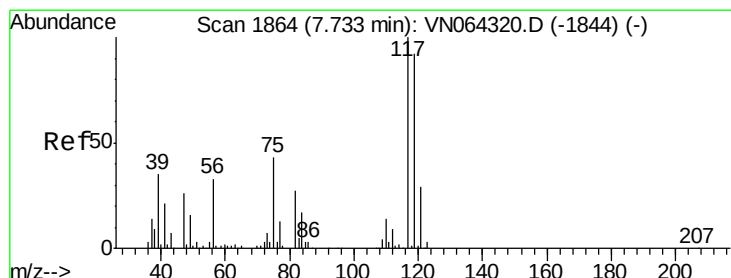
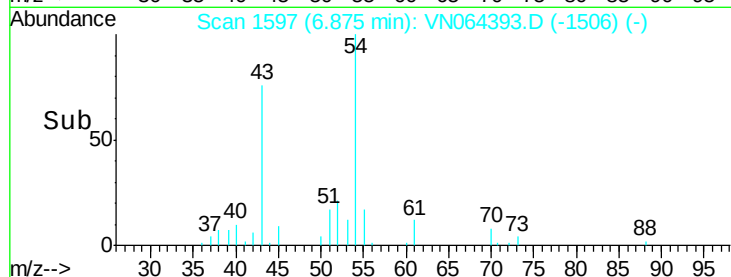
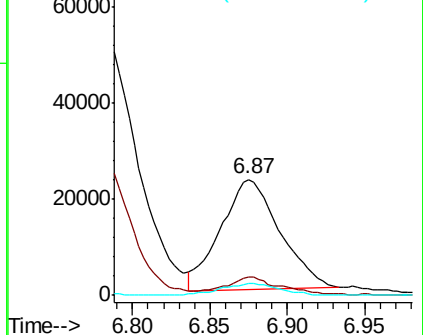
#37
Ethyl Acetate
Concen: 15.334 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

Tot Ion: 43 Resp: 61310
Ion Ratio Lower Upper
43 100
61 14.1 10.0 15.0
70 10.6 7.1 10.7

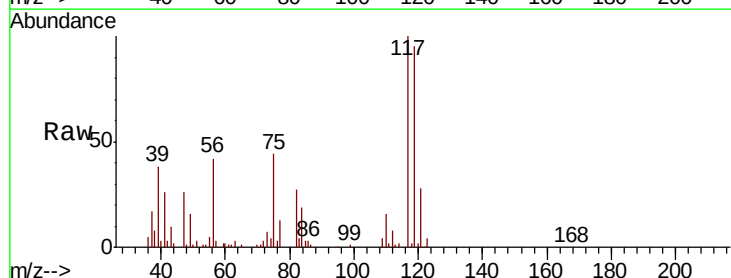


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

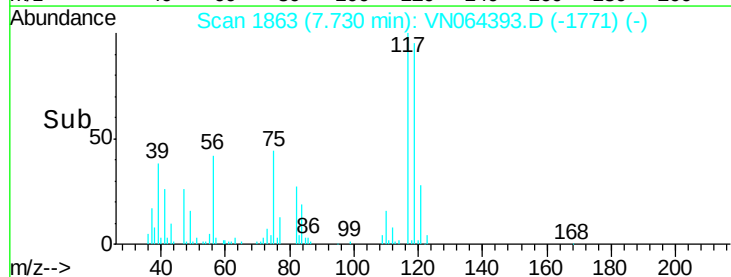
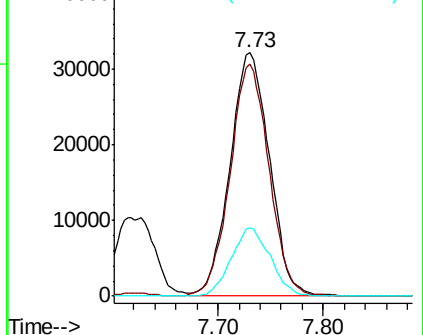


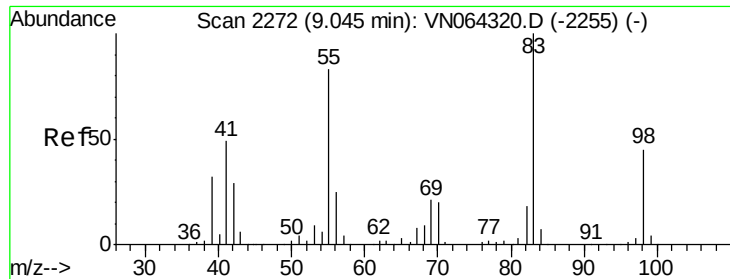
#38
Carbon Tetrachloride
Concen: 18.265 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 117 Resp: 83819
Ion Ratio Lower Upper
117 100
119 95.2 73.7 110.5
121 28.1 22.8 34.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

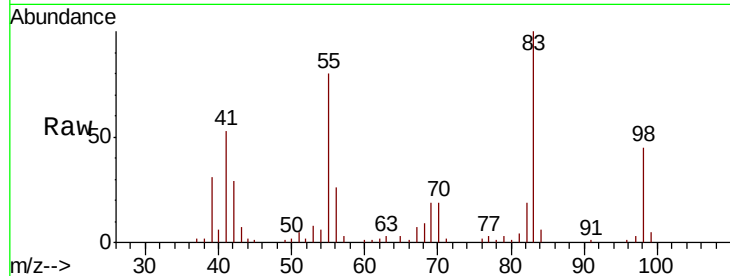




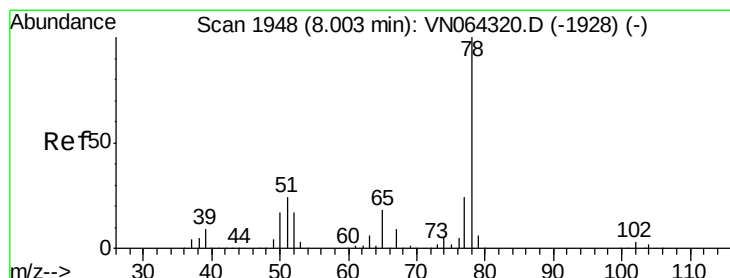
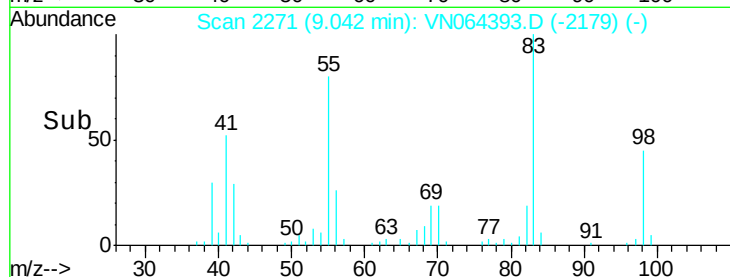
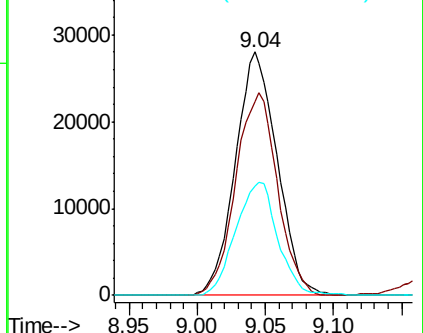
#39
Methylvlcyclohexane
Concen: 15.187 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

Tot Ion: 83 Resp: 59610
Ion Ratio Lower Upper
83 100
55 79.6 66.2 99.4
98 45.0 36.0 54.0

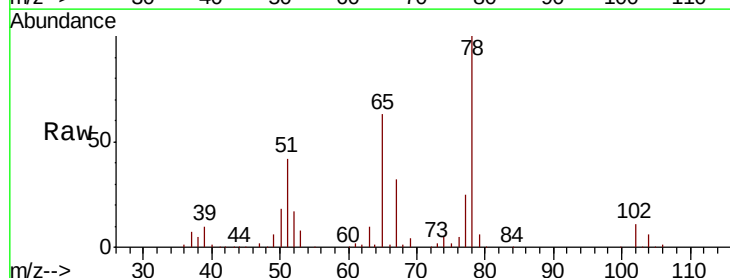


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

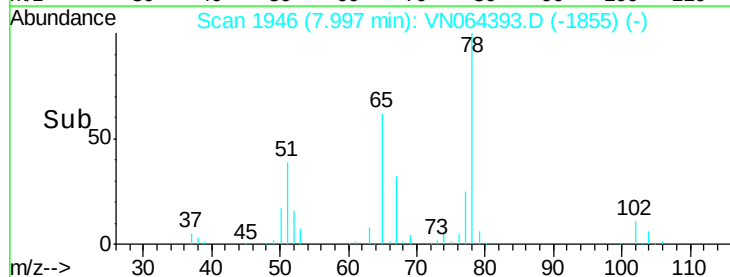
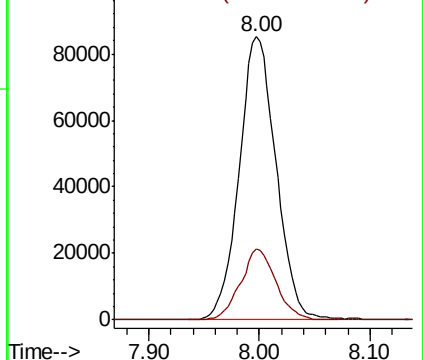


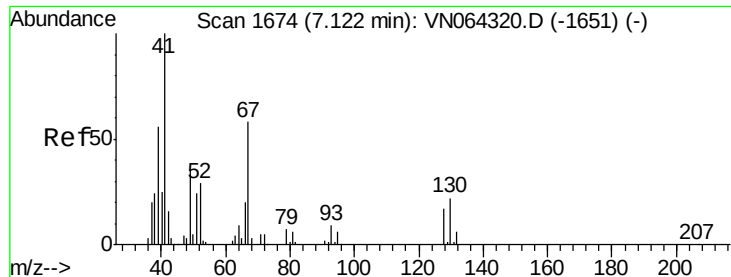
#40
Benzene
Concen: 17.872 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 78 Resp: 196915
Ion Ratio Lower Upper
78 100
77 25.0 18.8 28.2



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

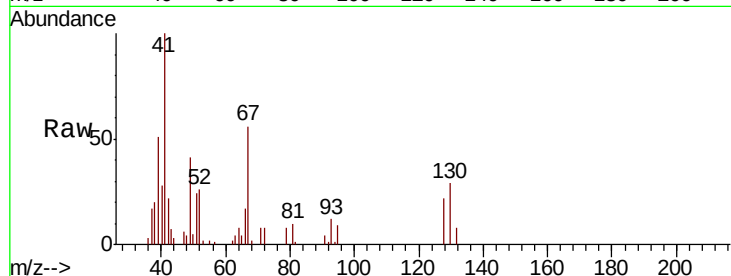




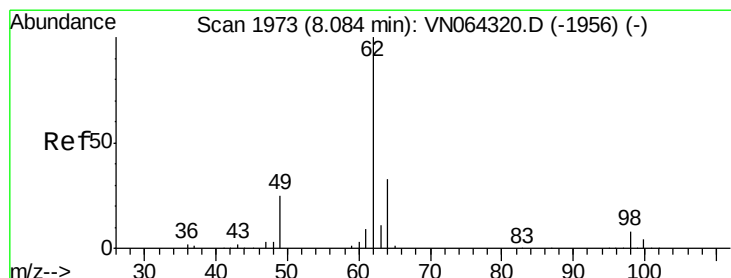
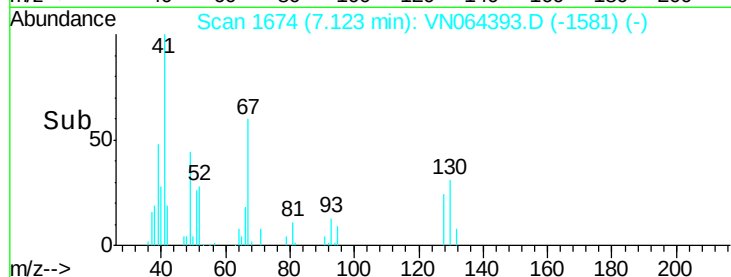
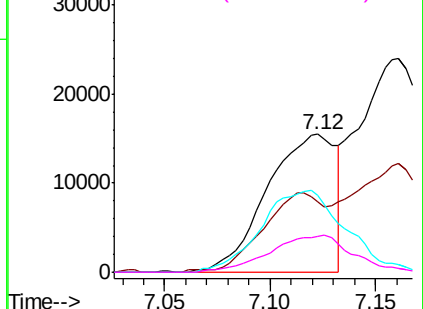
#41
Methacrylonitrile
Concen: 17.732 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

Tot Ion:	41	Resp:	35195
Ion	Ratio	Lower	Upper
41	100		
39	49.0	48.6	72.8
67	72.5	61.4	92.2
52	31.9	27.6	41.4

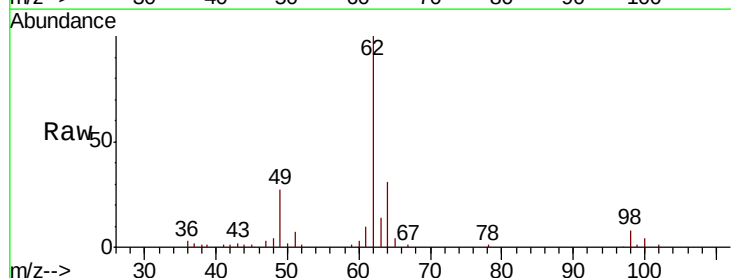


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

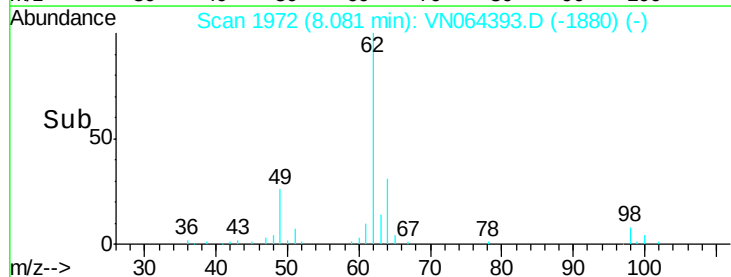
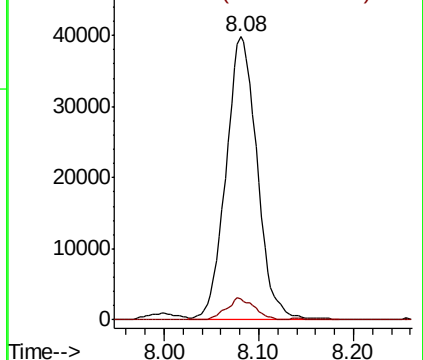


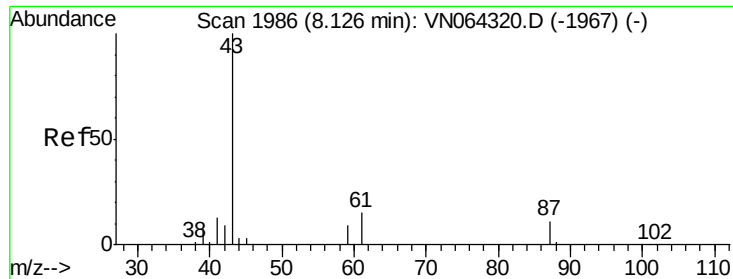
#42
1,2-Dichloroethane
Concen: 19.177 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion:	62	Resp:	91275
Ion	Ratio	Lower	Upper
62	100		
98	6.9	0.0	14.2



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





#43

Isopropyl Acetate

Concen: 18.323 ug/l

RT: 8.12 min Scan# 1984

Delta R.T. -0.01 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

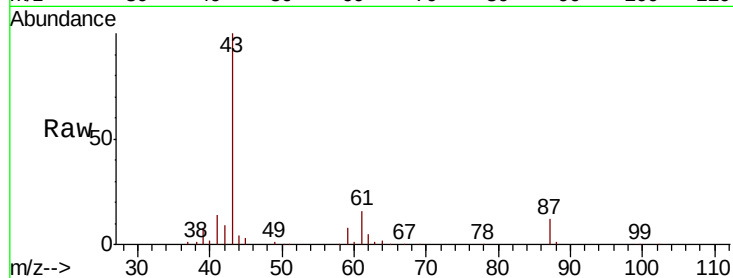
Tot Ion: 43 Resp: 125240

Ion Ratio Lower Upper

43 100

61 16.9 19.1 28.7#

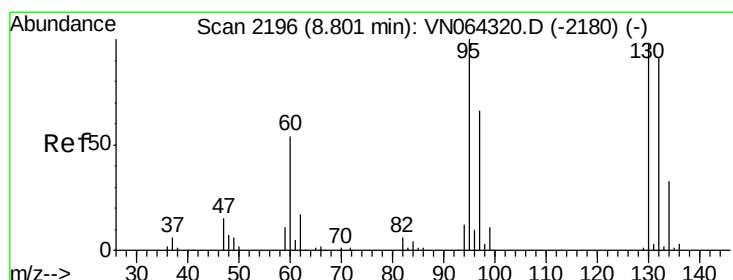
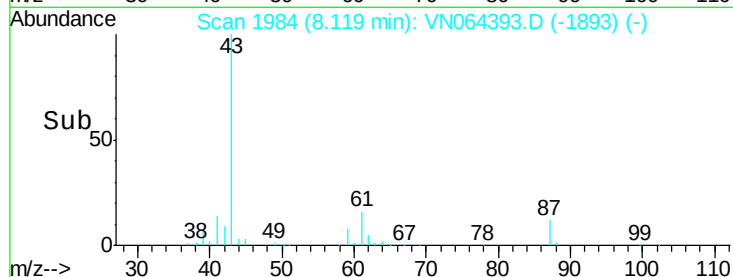
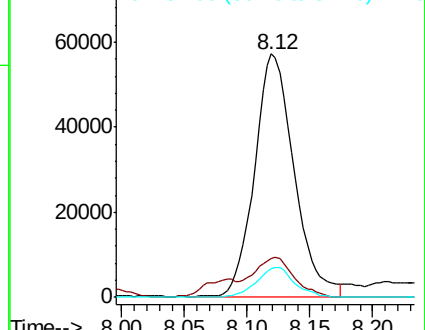
87 11.8 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064320.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064320.D (-1967) (-)



#44

Trichloroethene

Concen: 18.371 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064393.D

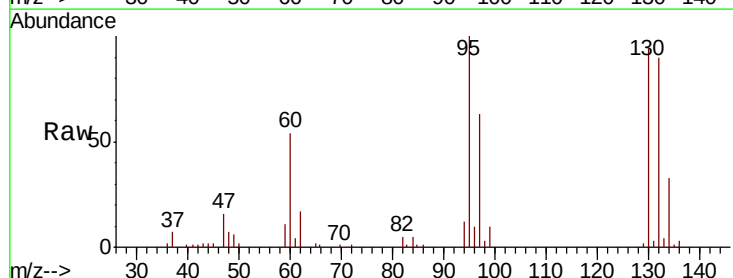
Acq: 30 Oct 2020 12:25

Tgt Ion:130 Resp: 53026

Ion Ratio Lower Upper

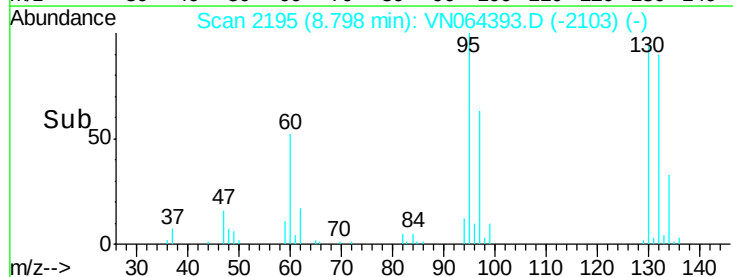
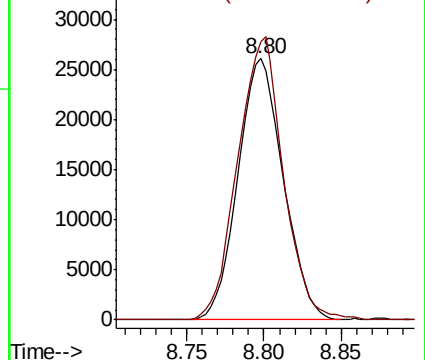
130 100

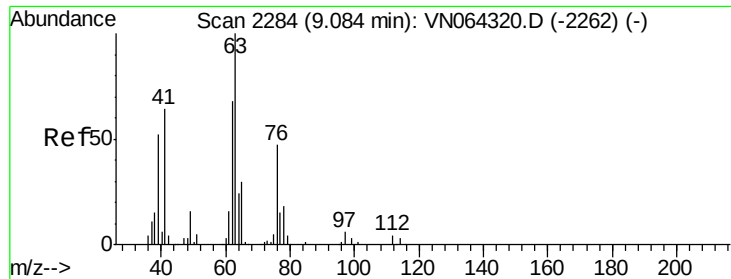
95 106.5 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): VN064320.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064320.D (-2180) (-)

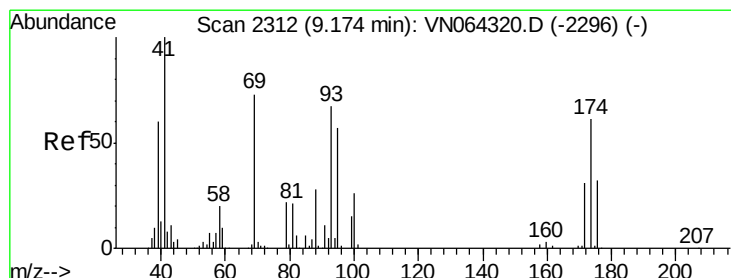
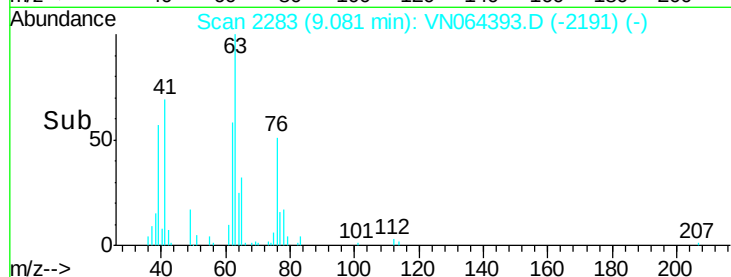
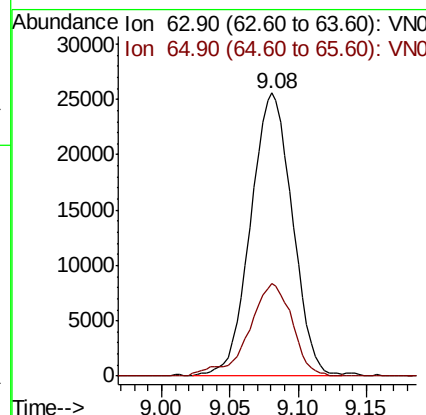
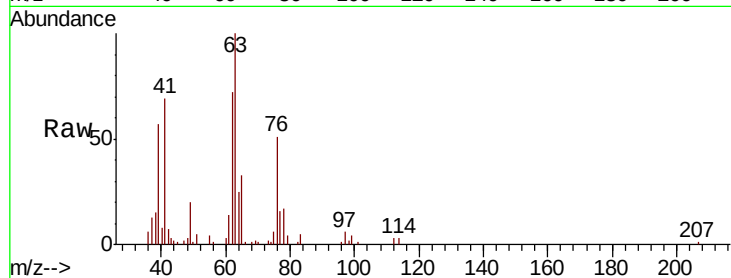




#45
 1,2-Dichloropropane
 Concen: 18.441 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

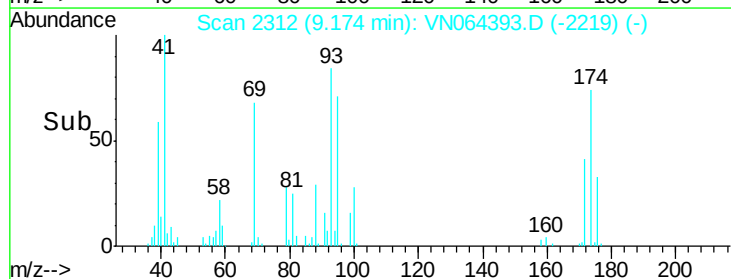
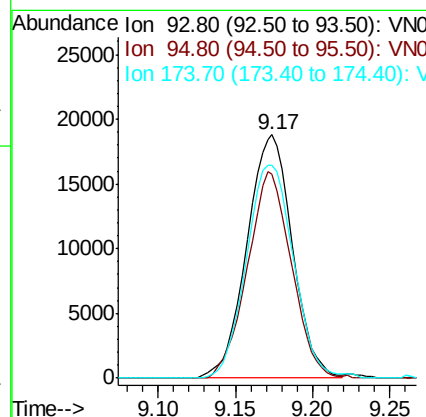
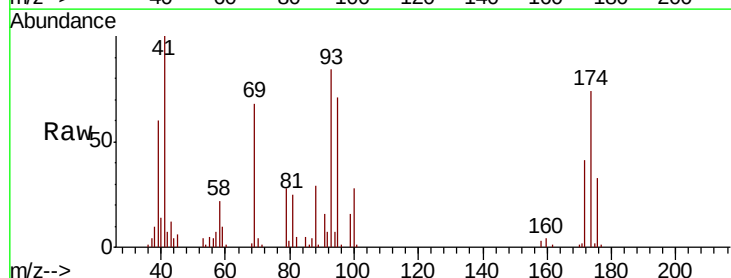
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

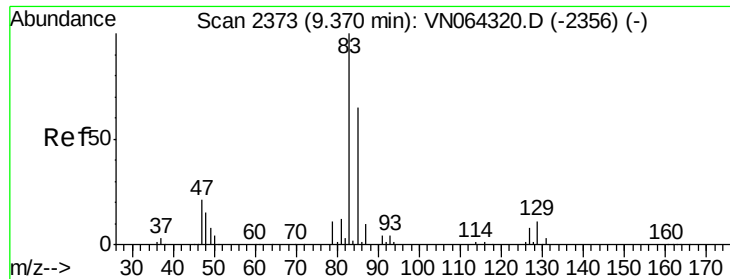
Tot Ion: 63 Resp: 54410
 Ion Ratio Lower Upper
 63 100
 65 32.9 24.3 36.5



#46
 Dibromomethane
 Concen: 18.591 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 93 Resp: 38374
 Ion Ratio Lower Upper
 93 100
 95 82.2 64.4 96.6
 174 91.2 71.4 107.0





#47

Bromodichloromethane

Concen: 18.030 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

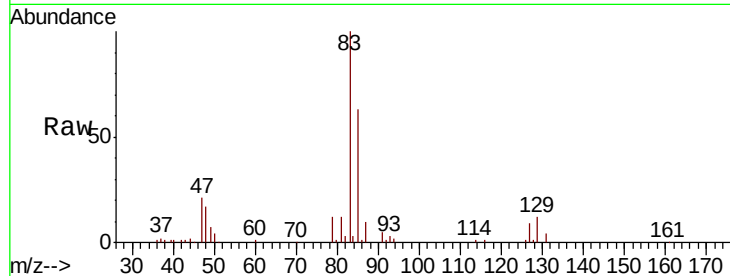
Tot Ion: 83 Resp: 82479

Ion Ratio Lower Upper

83 100

85 63.5 52.1 78.1

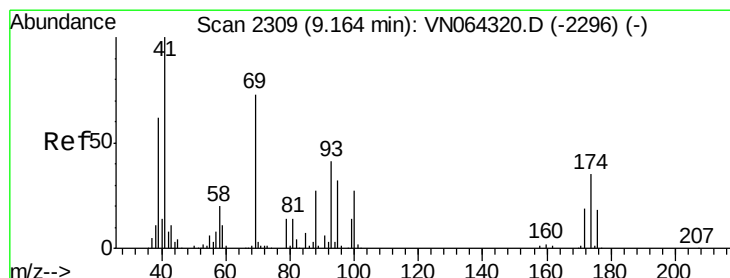
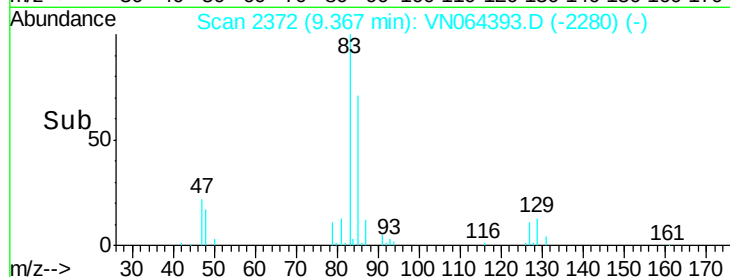
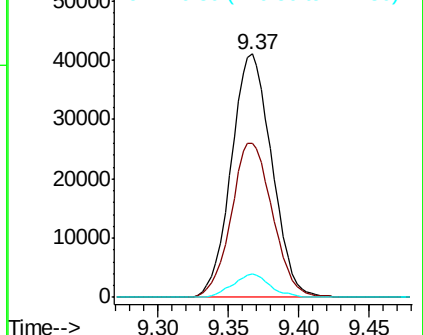
127 9.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.184 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

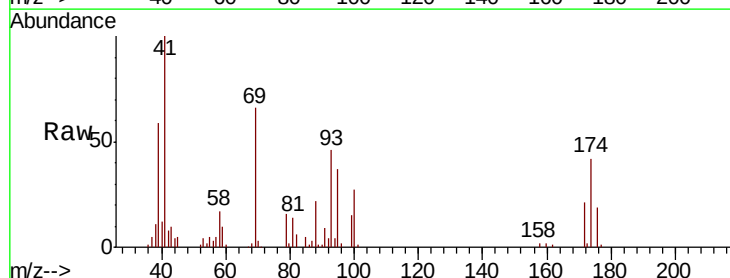
Tgt Ion: 41 Resp: 64125

Ion Ratio Lower Upper

41 100

69 69.0 59.1 88.7

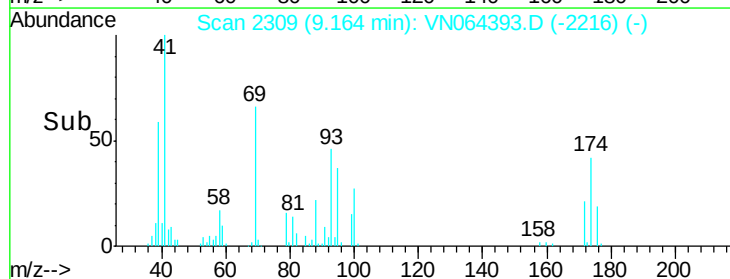
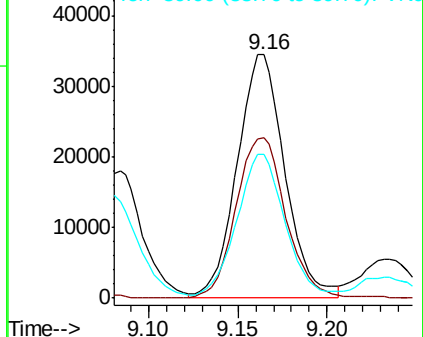
39 59.3 51.3 76.9

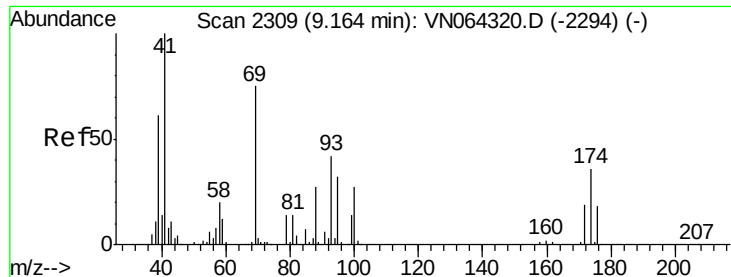


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

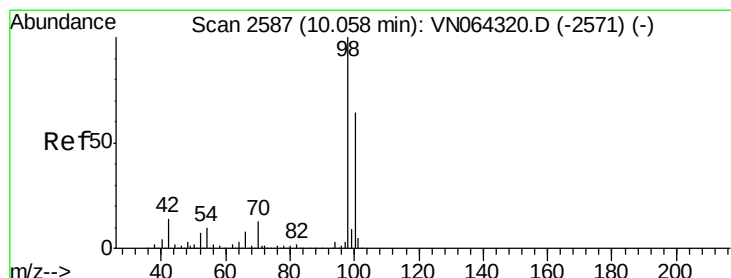
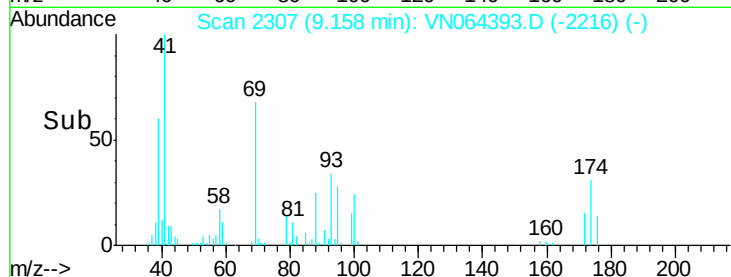
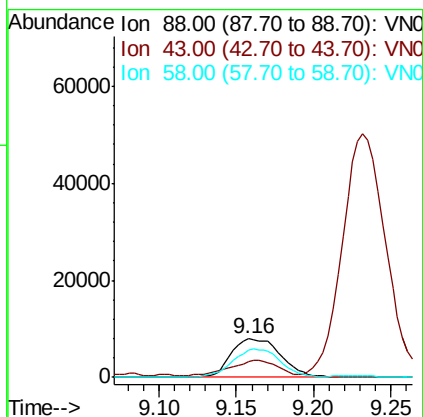
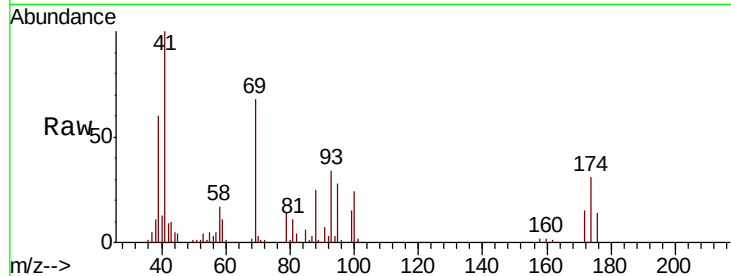




#49
1,4-Dioxane
Concen: 340.710 ug/l
RT: 9.16 min Scan# 2307
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

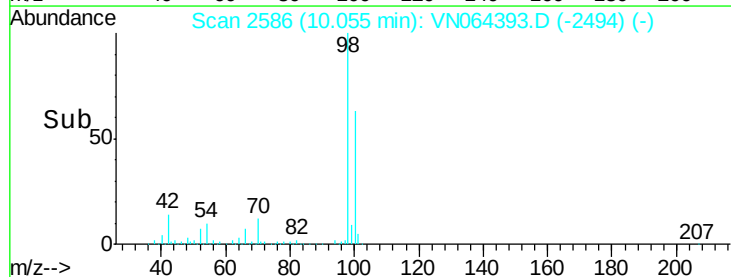
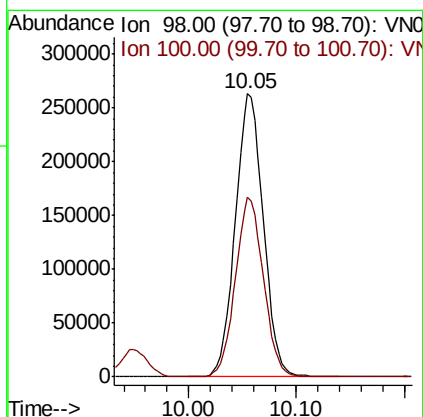
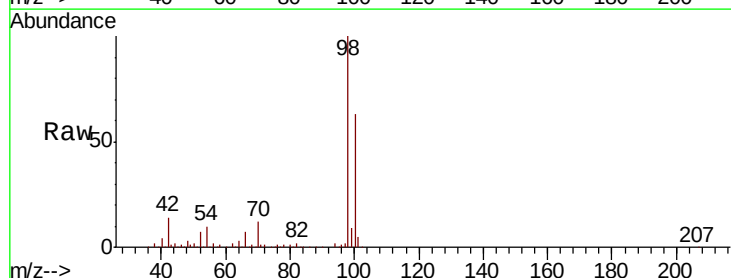
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

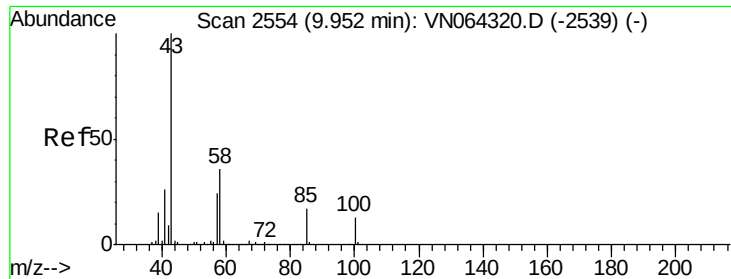
Tot Ion: 88 Resp: 17709
Ion Ratio Lower Upper
88 100
43 35.6 31.8 47.8
58 70.4 60.3 90.5



#50
Toluene-d8
Concen: 48.923 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 98 Resp: 473329
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 88.692 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

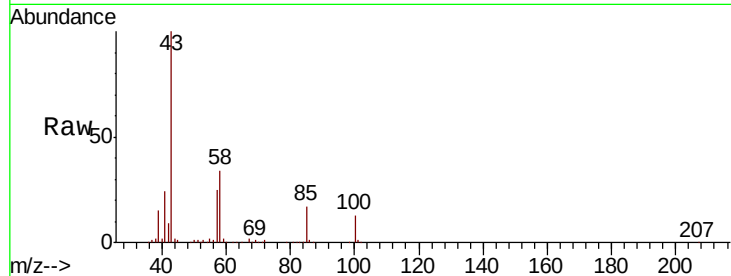
VN1030WBSD01

Tot Ion: 43 Resp: 352377

Ion Ratio Lower Upper

43 100

58 35.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

200000

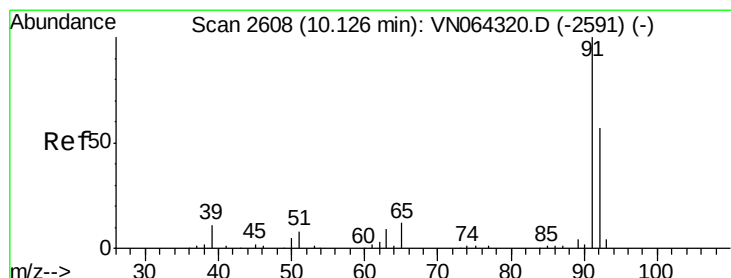
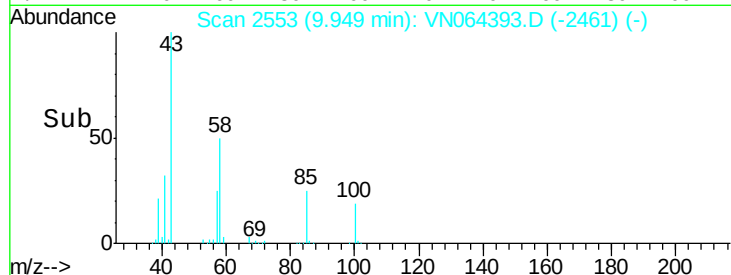
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.934 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064393.D

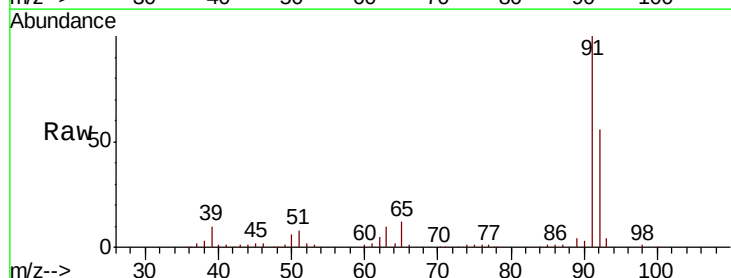
Acq: 30 Oct 2020 12:25

Tgt Ion: 92 Resp: 124691

Ion Ratio Lower Upper

92 100

91 175.7 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

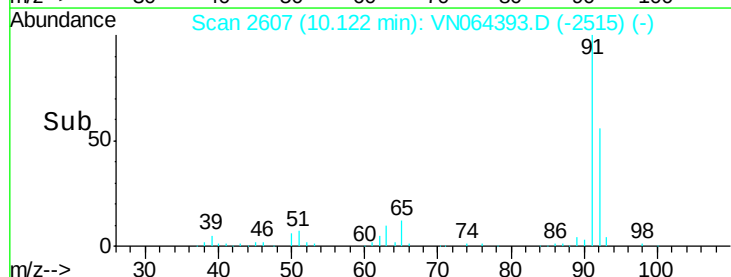
10.12

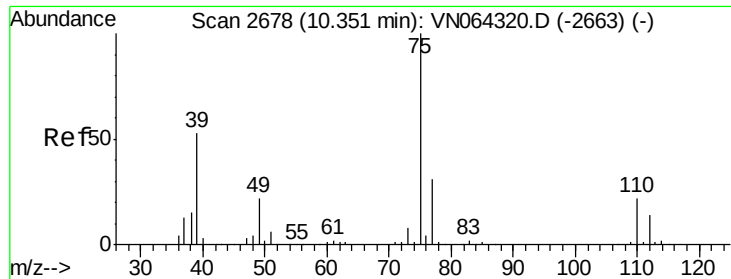
100000

50000

0

Time-->

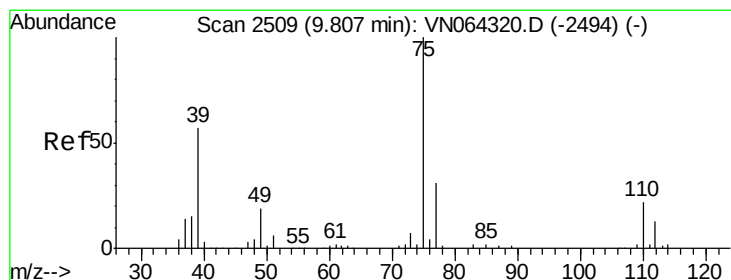
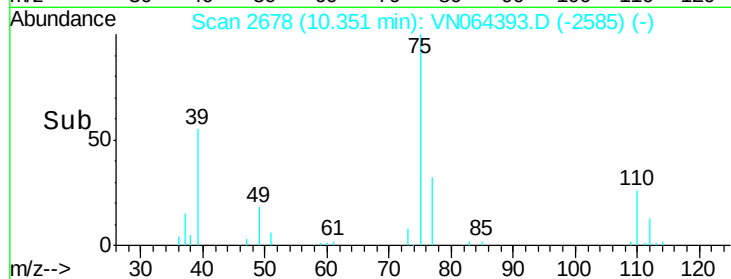
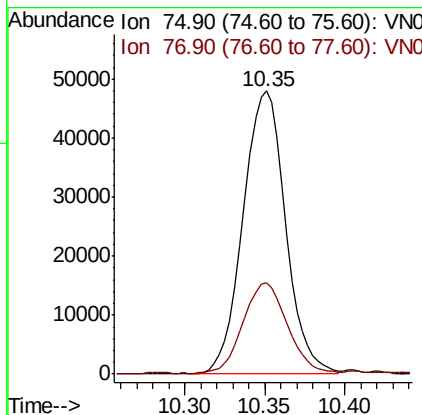
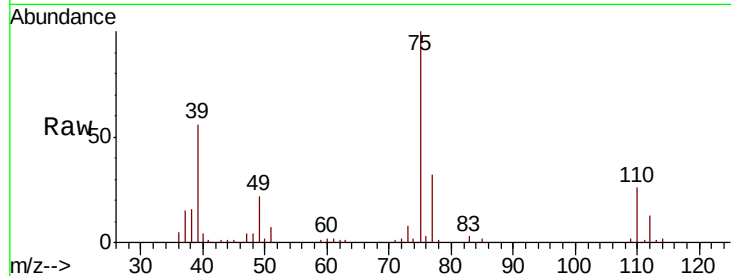




#53
t-1,3-Dichloropropene
Concen: 18.015 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

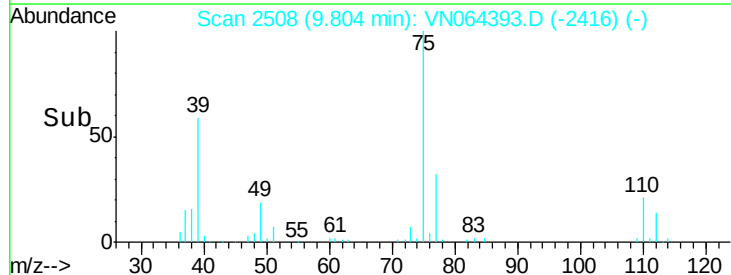
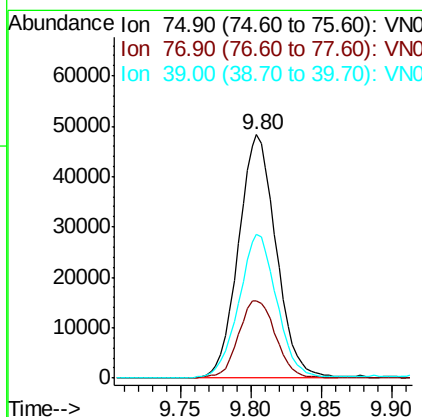
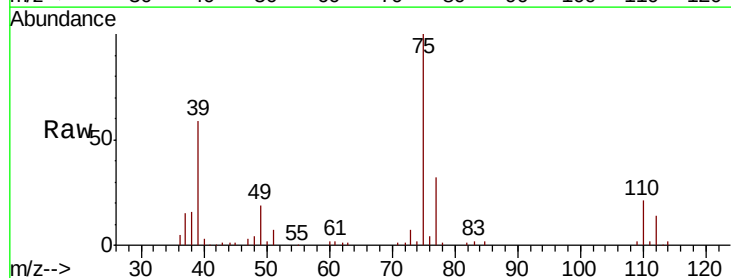
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

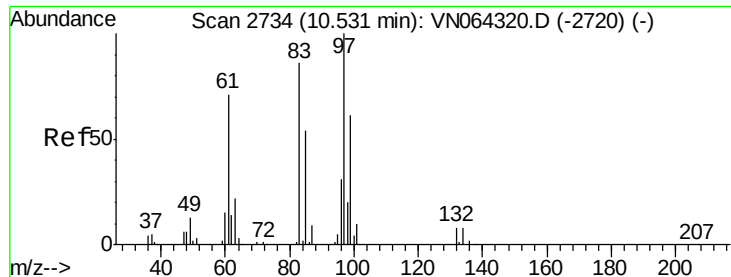
Tot Ion: 75 Resp: 87134
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.144 ug/l
RT: 9.80 min Scan# 2508
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 75 Resp: 90341
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4
39 59.1 45.5 68.3

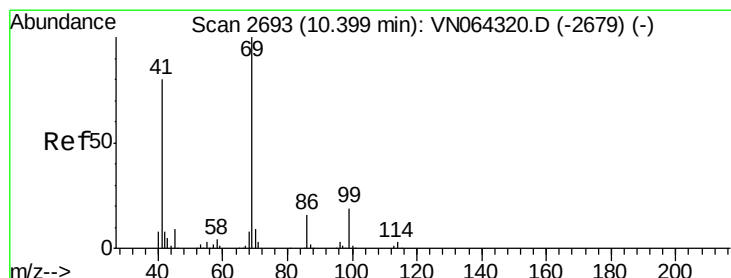
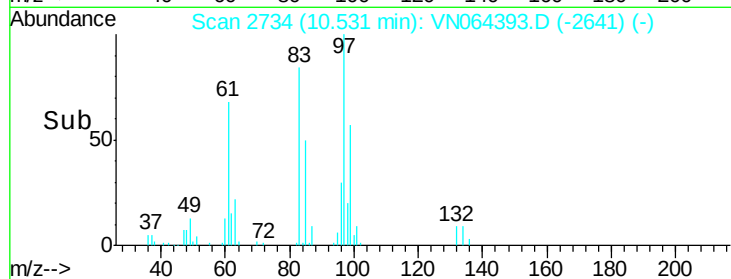
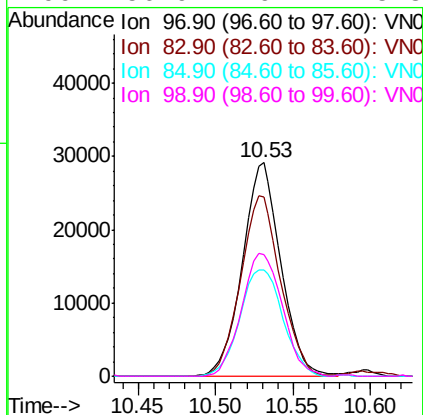
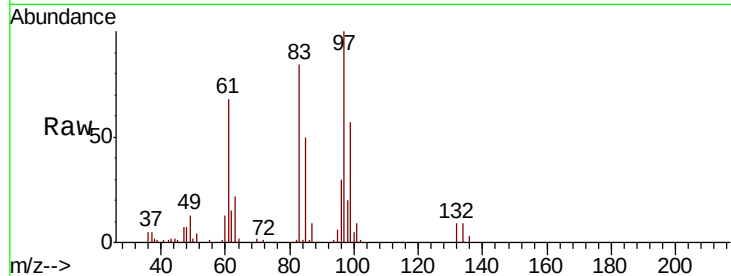




#55
 1,1,2-Trichloroethane
 Concen: 18.431 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

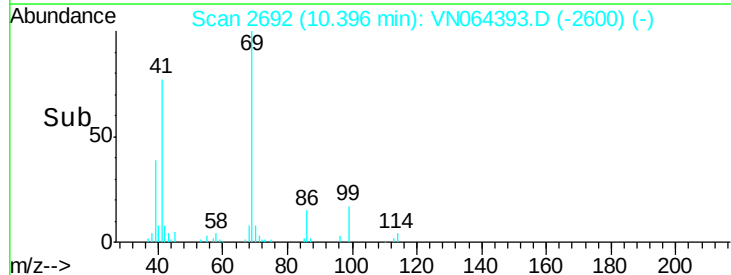
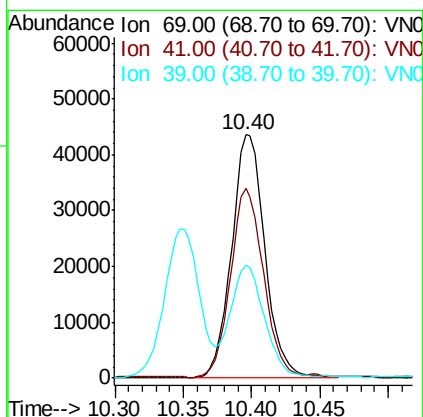
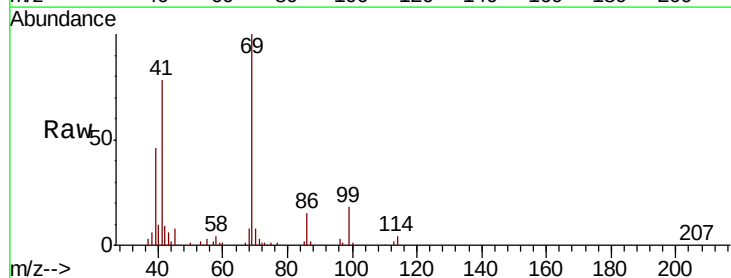
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

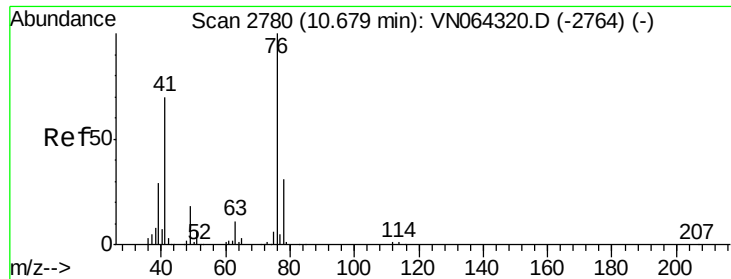
Tot Ion:	97	Resp:	50584
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.9	103.3
85	49.6	43.6	65.4
99	56.9	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 17.829 ug/l
 RT: 10.40 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion:	69	Resp:	74073
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.4	92.2
39	47.2	36.5	54.7





#57

1,3-Dichloropropane

Concen: 18.766 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

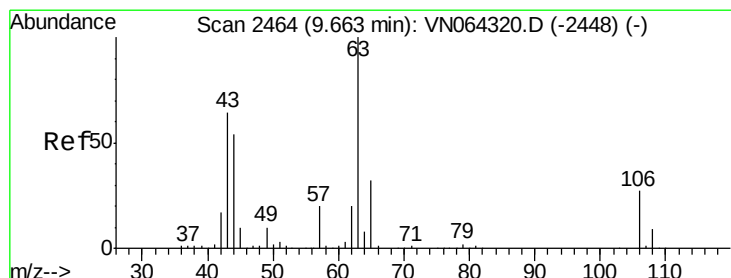
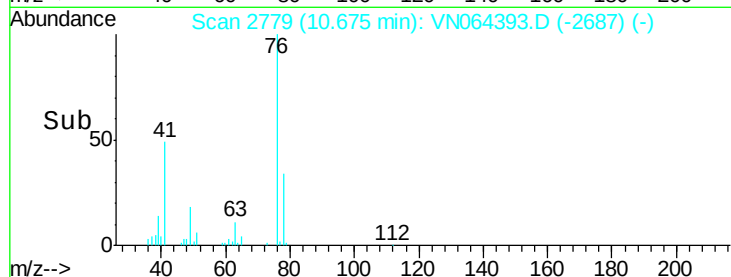
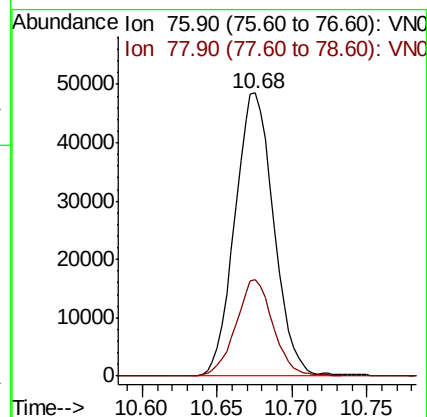
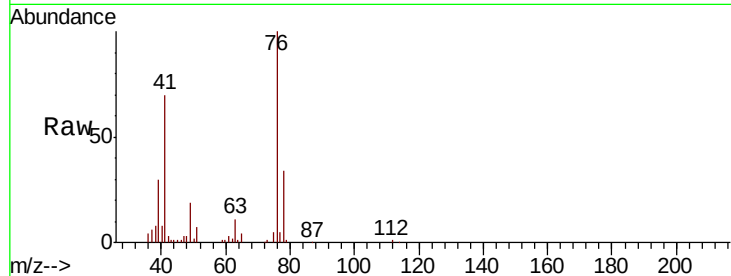
VN1030WBSD01

Tot Ion: 76 Resp: 87857

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 81.765 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064393.D

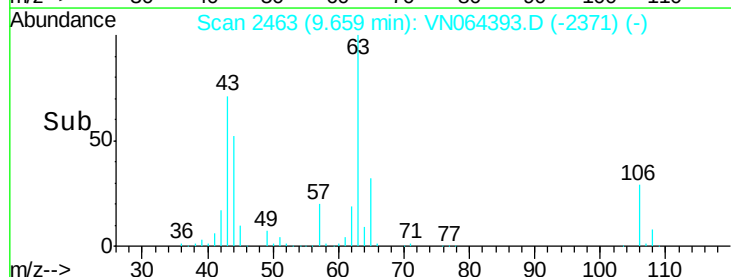
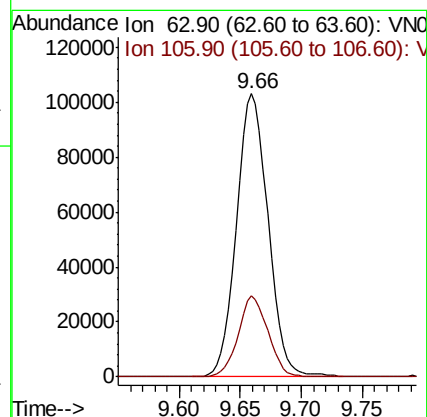
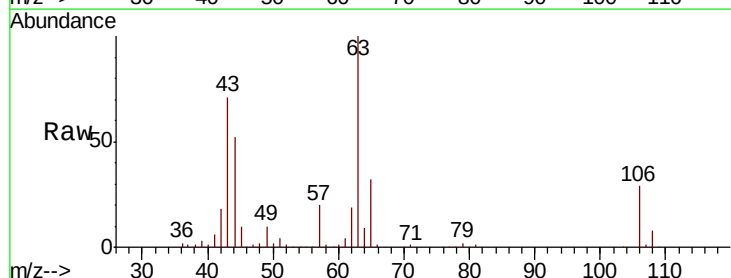
Acq: 30 Oct 2020 12:25

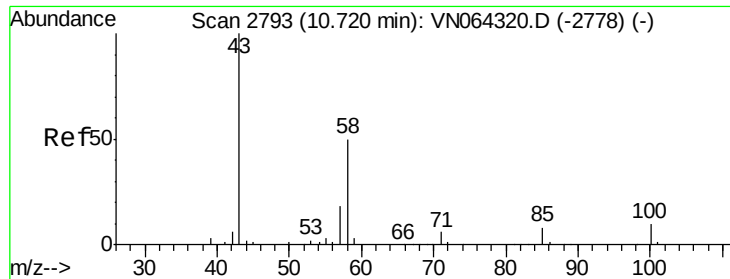
Tgt Ion: 63 Resp: 185369

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4

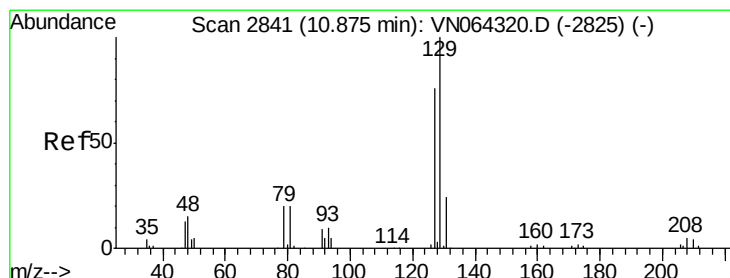
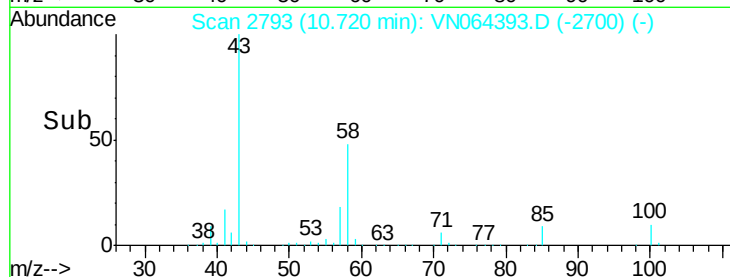
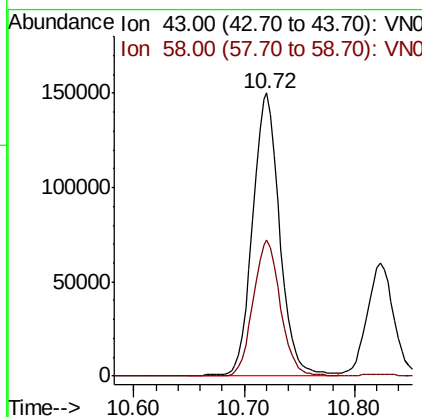
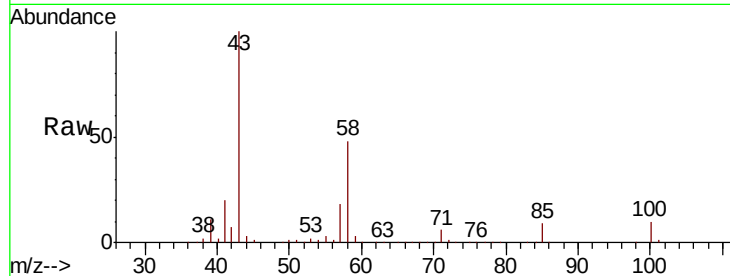




#59
2-Hexanone
Concen: 86.480 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

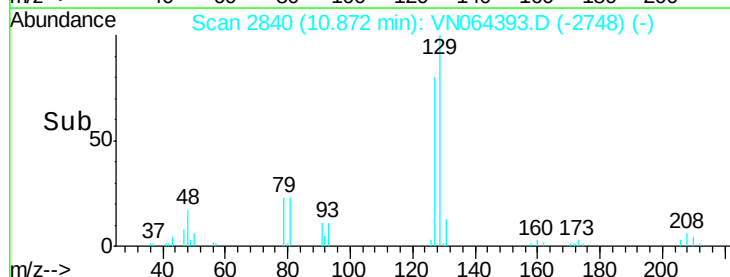
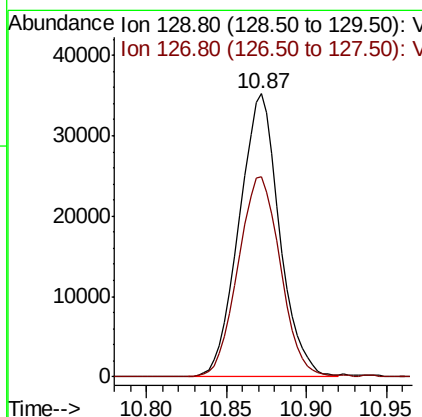
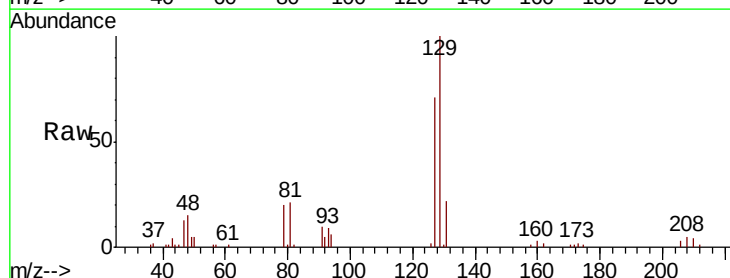
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

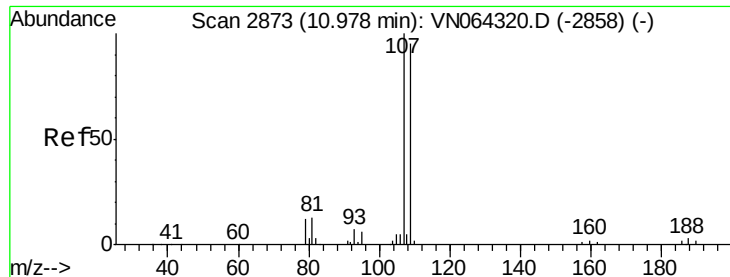
Tot Ion: 43 Resp: 253052
Ion Ratio Lower Upper
43 100
58 48.7 25.0 75.0



#60
Dibromochloromethane
Concen: 18.736 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 129 Resp: 60798
Ion Ratio Lower Upper
129 100
127 74.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.795 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

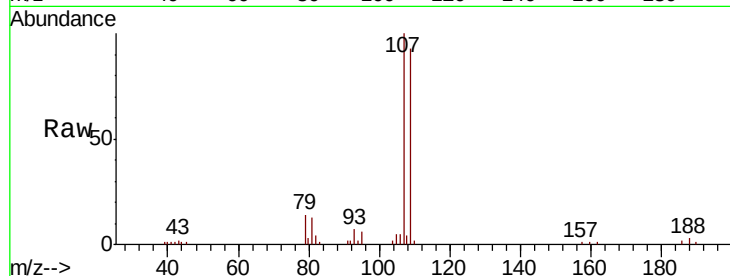
VN1030WBSD01

Tot Ion:107 Resp: 55355

Ion Ratio Lower Upper

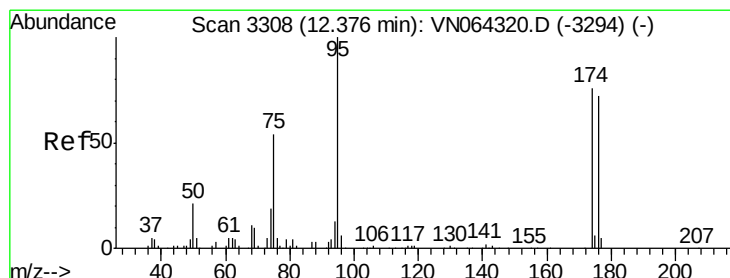
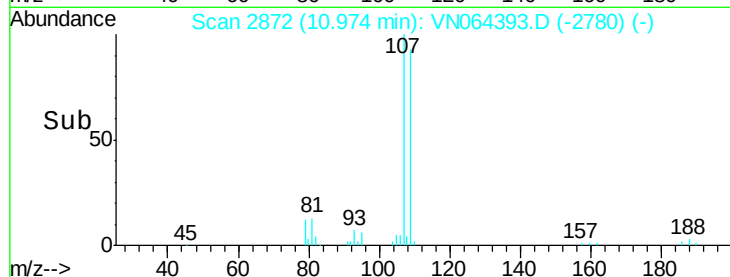
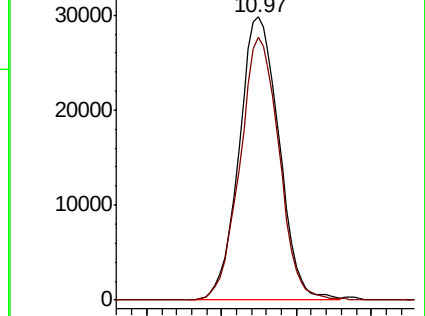
107 100

109 90.7 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.172 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

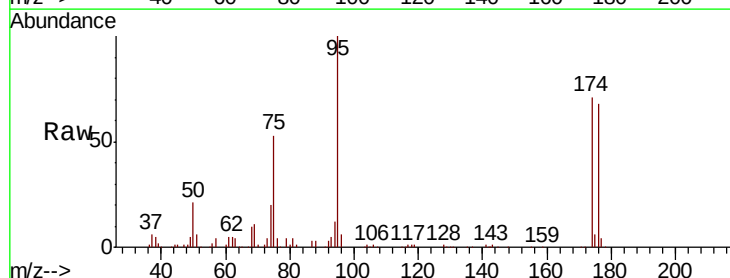
Tgt Ion: 95 Resp: 181711

Ion Ratio Lower Upper

95 100

174 73.9 0.0 147.4

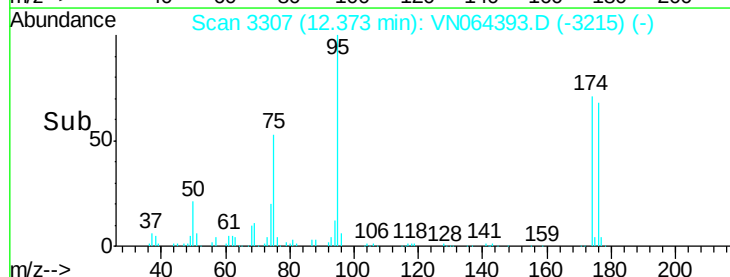
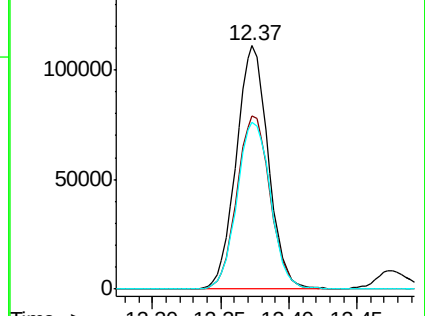
176 72.0 0.0 143.6

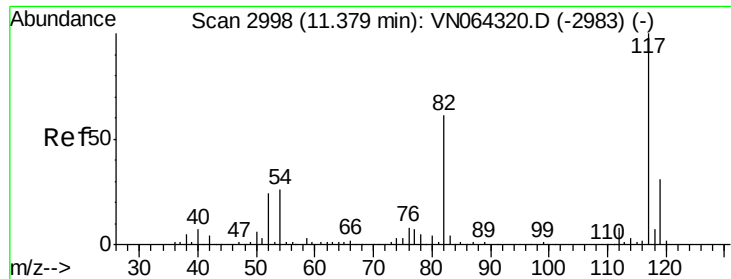


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

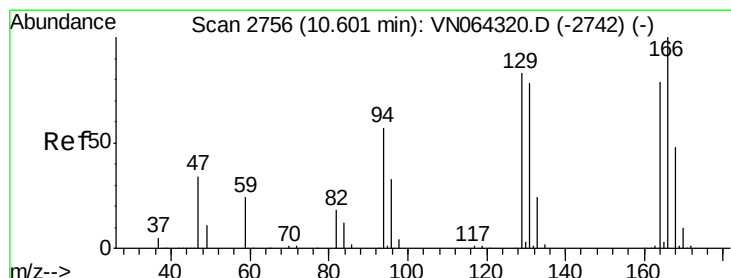
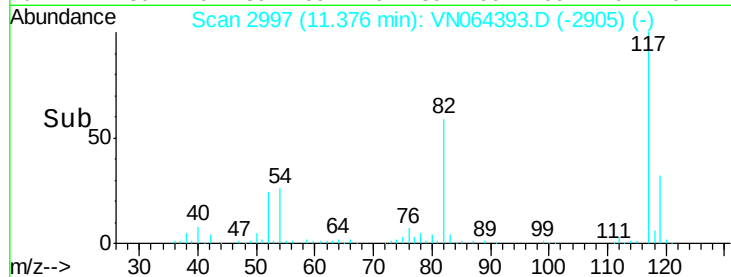
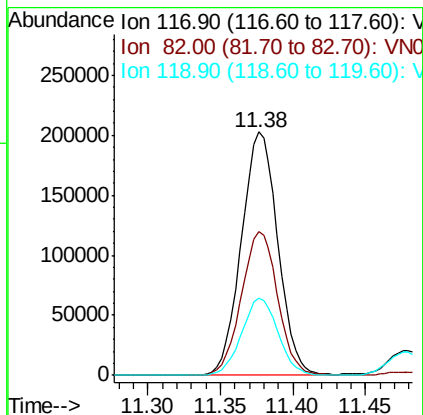
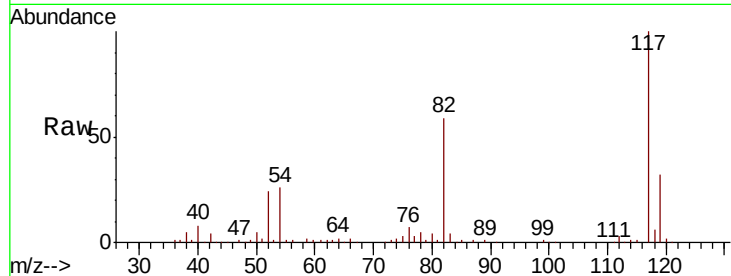




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

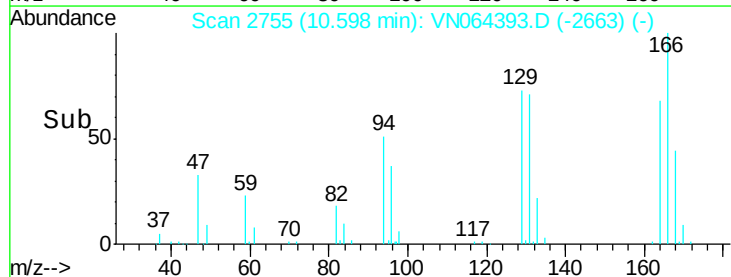
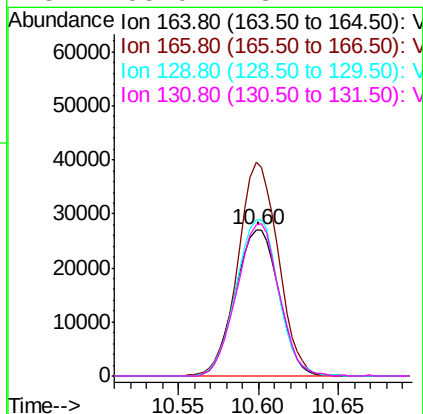
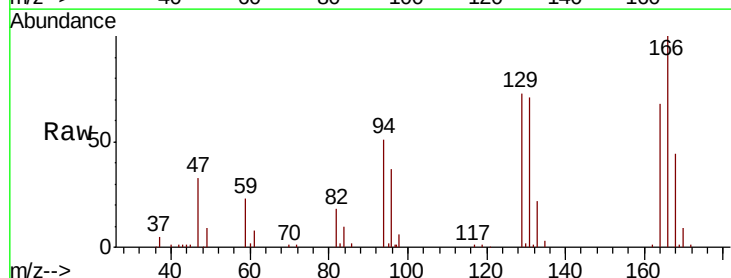
Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

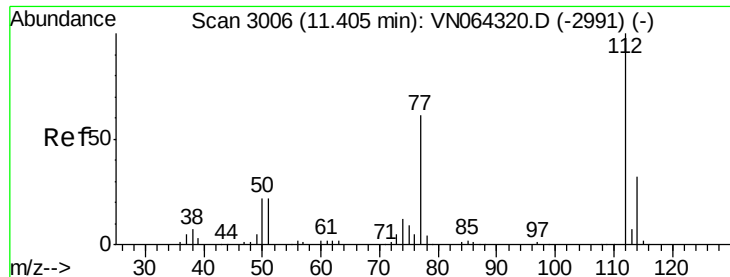
Tot Ion:117 Resp: 355187
Ion Ratio Lower Upper
117 100
82 58.8 48.8 73.2
119 31.6 25.1 37.7



#64
Tetrachloroethene
Concen: 17.255 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion:164 Resp: 50373
Ion Ratio Lower Upper
164 100
166 145.4 100.7 151.1
129 107.0 83.7 125.5
131 103.0 78.2 117.2

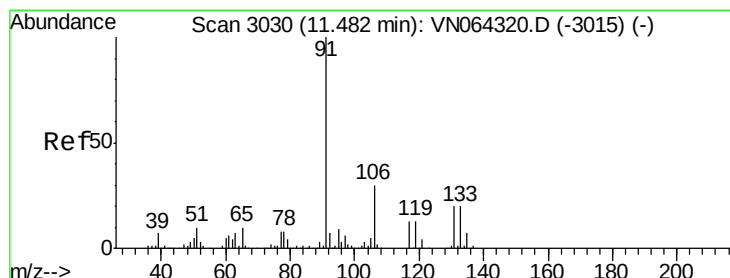
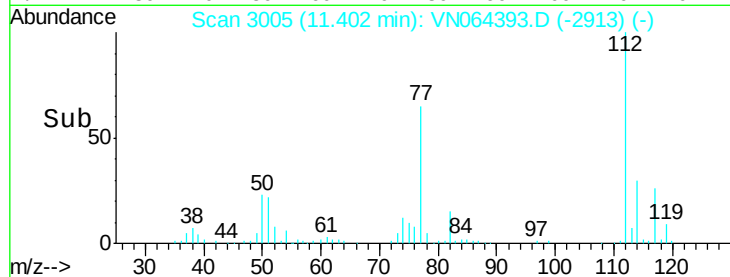
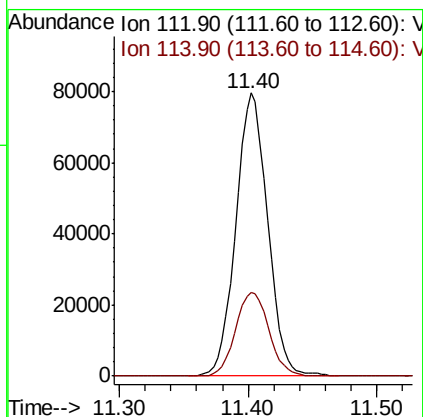
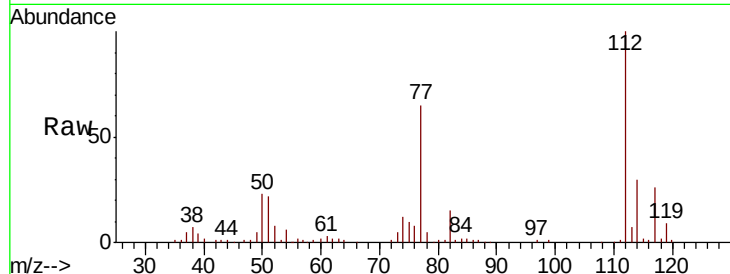




#65
Chlorobenzene
Concen: 18.944 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

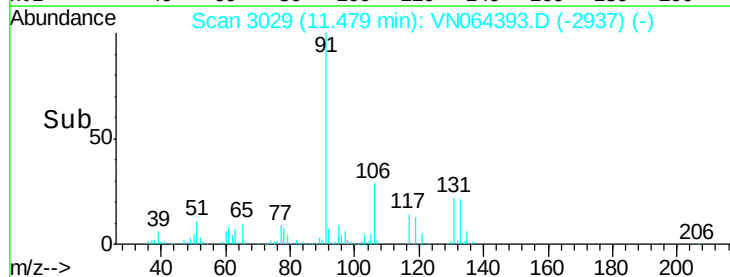
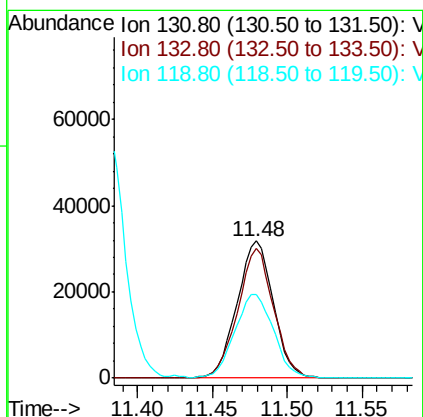
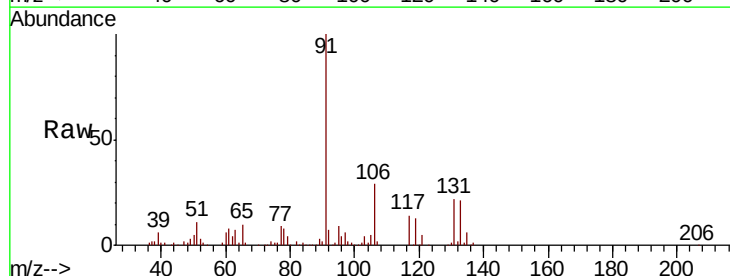
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

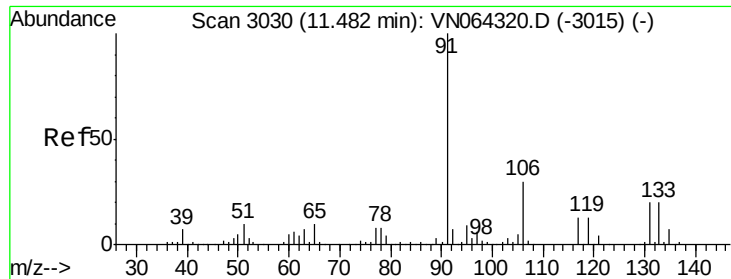
Tot Ion:112 Resp: 136415
Ion Ratio Lower Upper
112 100
114 29.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.448 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion:131 Resp: 53691
Ion Ratio Lower Upper
131 100
133 93.6 49.3 147.8
119 65.1 32.3 96.9

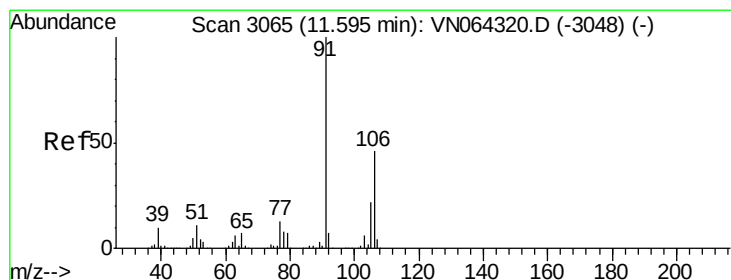
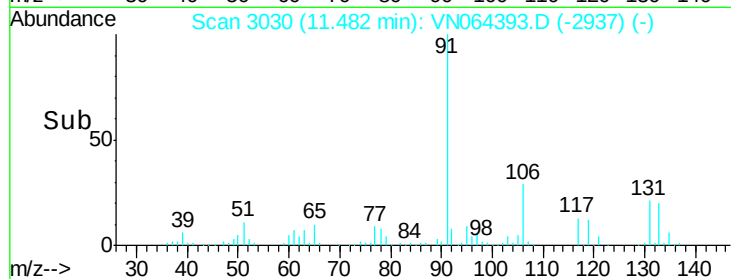
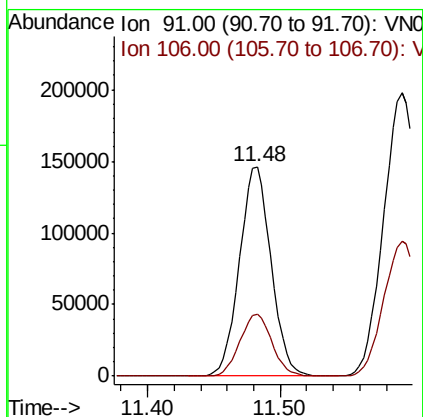
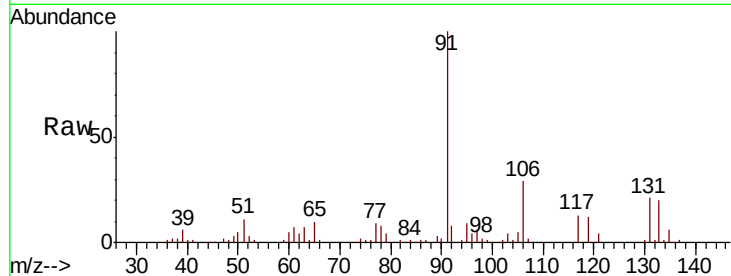




#67
Ethyl Benzene
Concen: 18.093 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

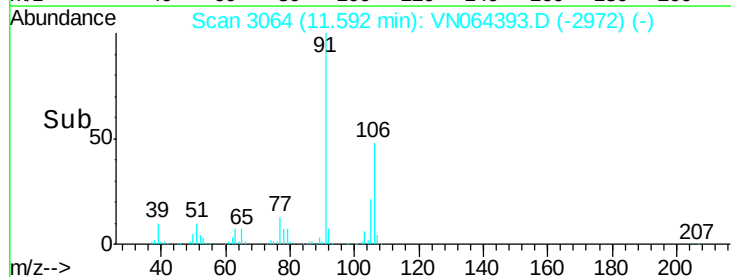
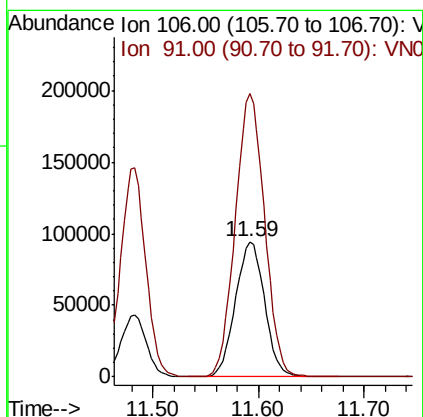
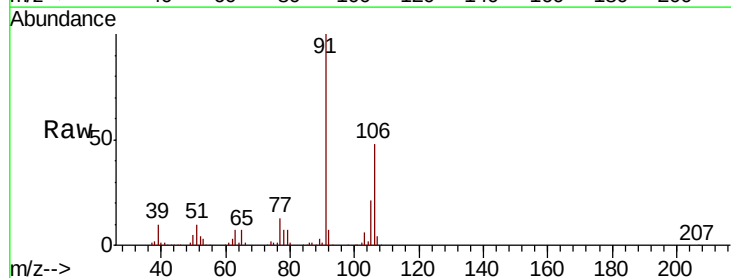
Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

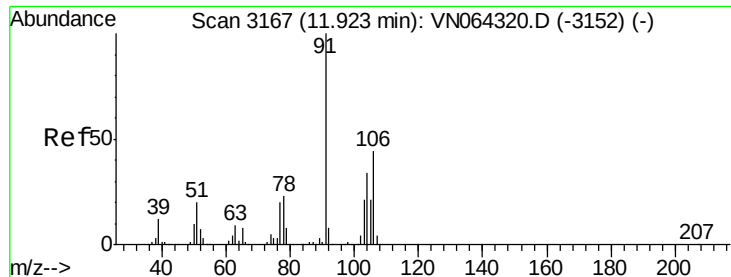
Tot Ion: 91 Resp: 242220
Ion Ratio Lower Upper
91 100
106 29.5 23.7 35.5



#68
m/p-Xylenes
Concen: 36.664 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 106 Resp: 181899
Ion Ratio Lower Upper
106 100
91 208.6 170.2 255.4

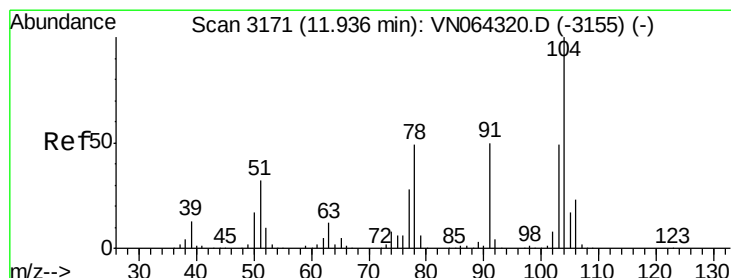
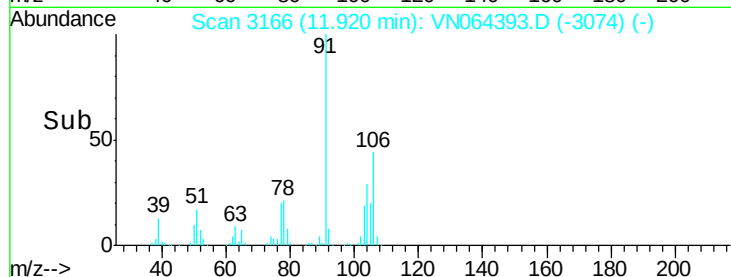
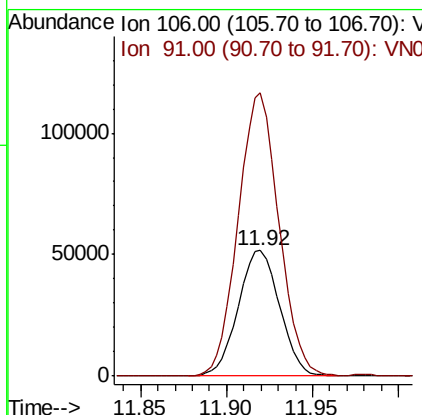
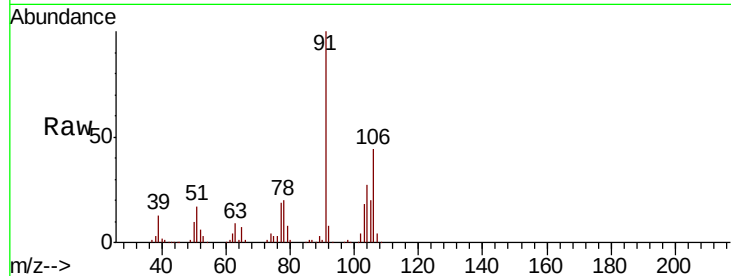




#69
o-Xylene
Concen: 18.169 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

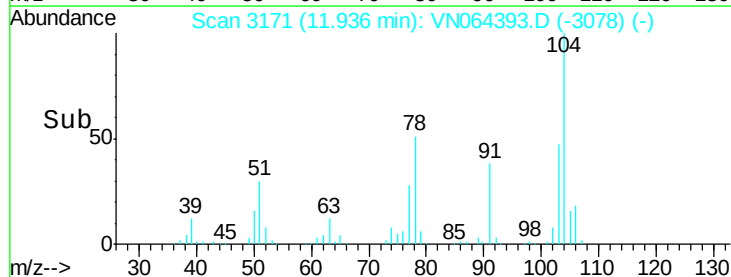
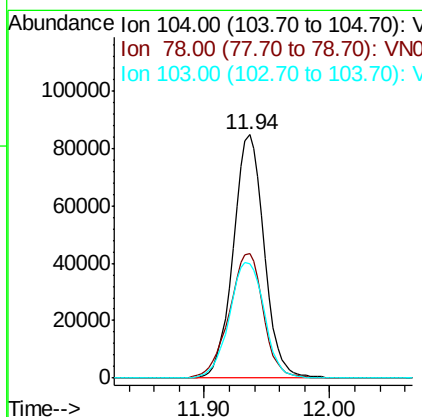
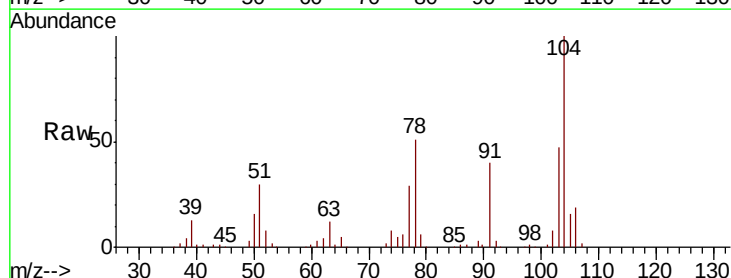
Instrument :
MSVOA_N
ClientSampled :
VN1030WBSD01

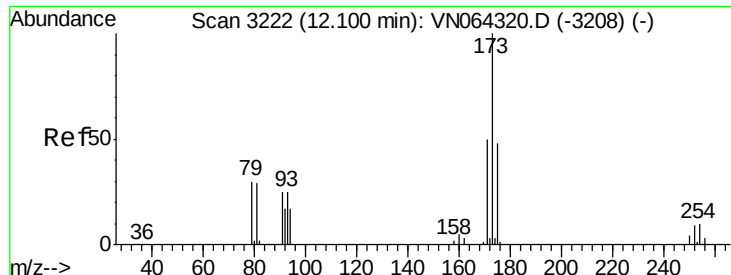
Tot Ion:106 Resp: 86841
Ion Ratio Lower Upper
106 100
91 220.8 114.5 343.5



#70
Styrene
Concen: 18.537 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion:104 Resp: 145269
Ion Ratio Lower Upper
104 100
78 56.4 43.7 65.5
103 54.0 43.3 64.9





#71

Bromoform

Concen: 17.454 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

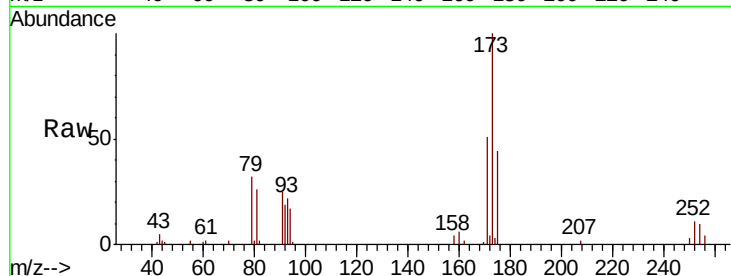
Tot Ion:173 Resp: 39869

Ion Ratio Lower Upper

173 100

175 48.0 25.4 76.0

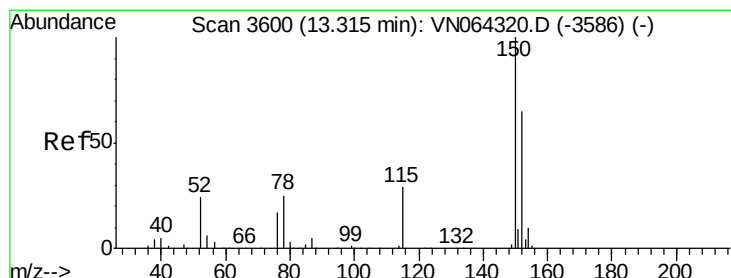
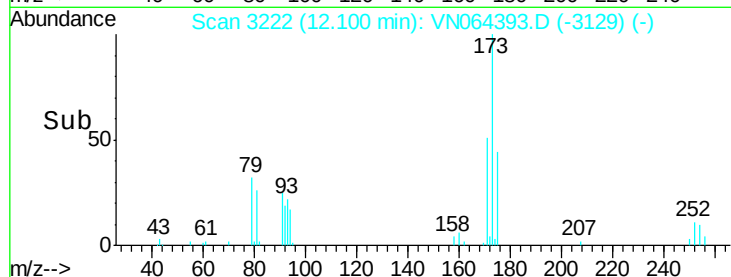
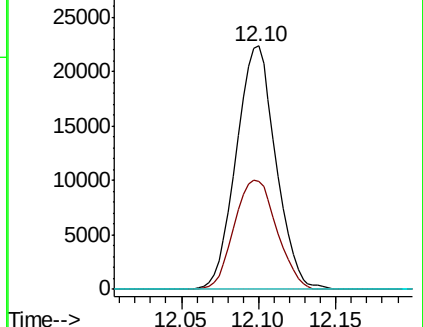
254 0.0 0.0 0.0



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: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

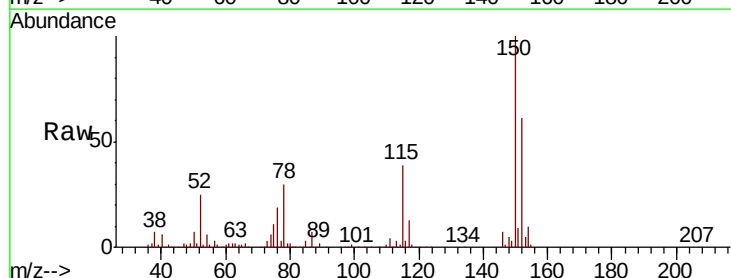
Tgt Ion:152 Resp: 157876

Ion Ratio Lower Upper

152 100

115 62.7 31.5 94.5

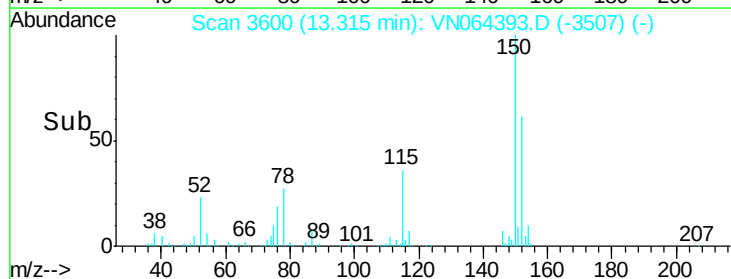
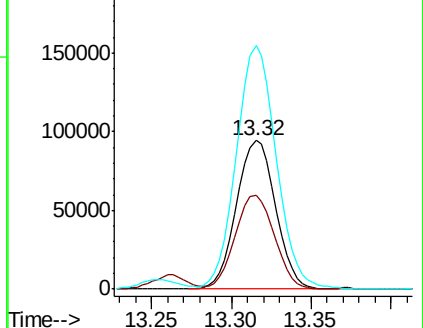
150 165.8 0.0 346.2

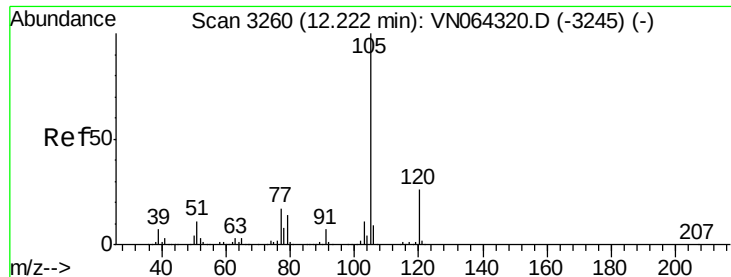


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.713 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

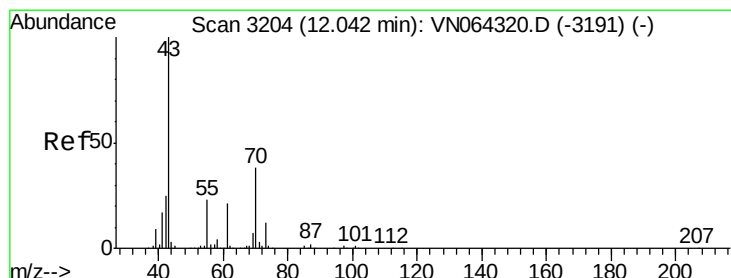
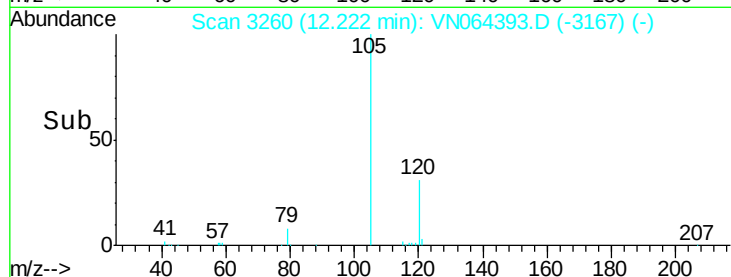
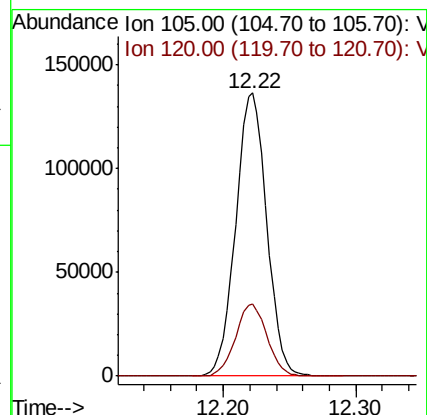
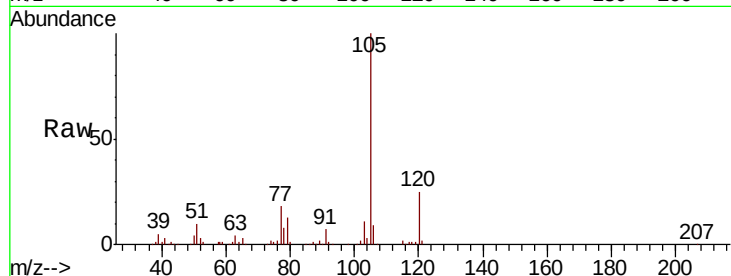
VN1030WBSD01

Tot Ion:105 Resp: 221268

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 19.411 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Tgt Ion: 43 Resp: 101029

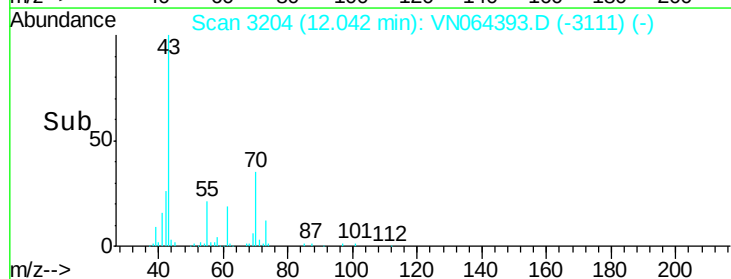
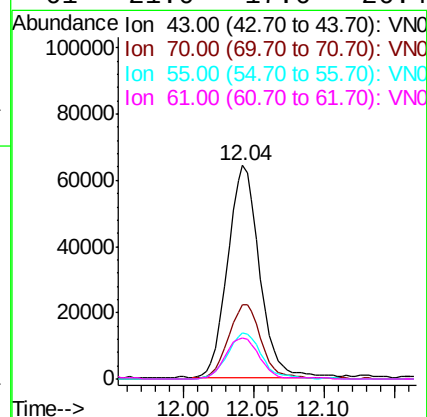
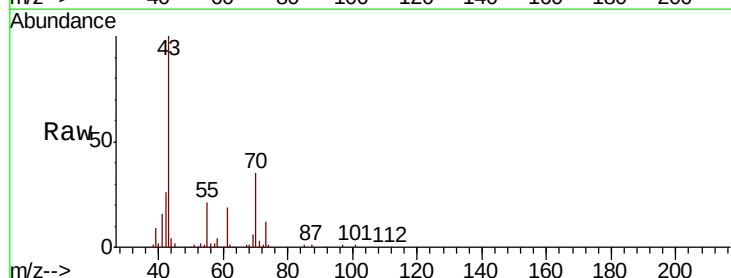
Ion Ratio Lower Upper

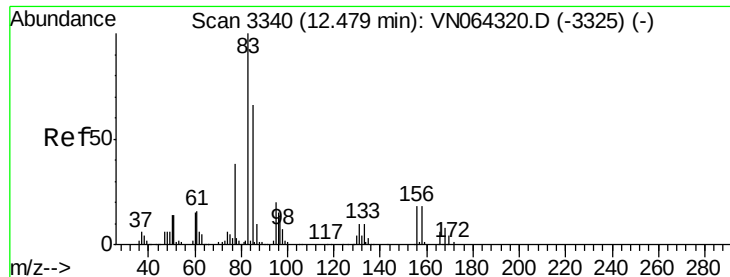
43 100

70 36.9 30.6 45.8

55 23.2 18.2 27.4

61 21.0 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.987 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

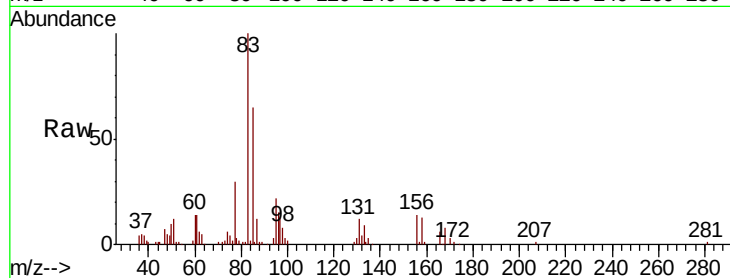
Tot Ion: 83 Resp: 65261

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

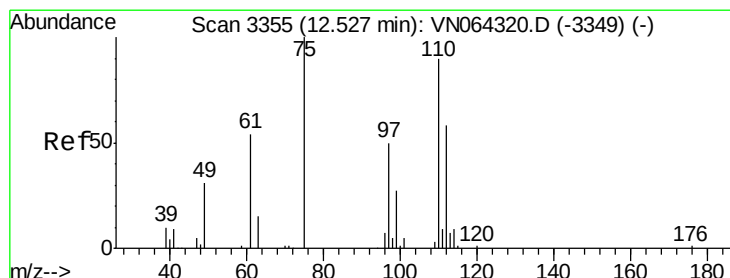
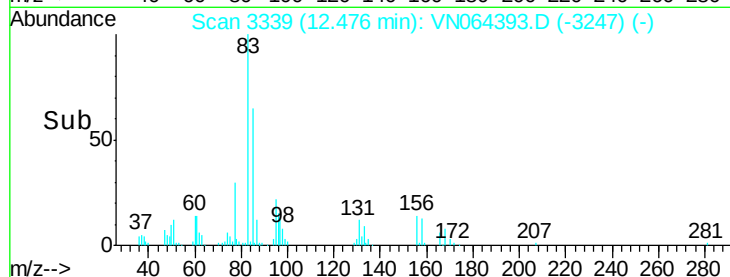
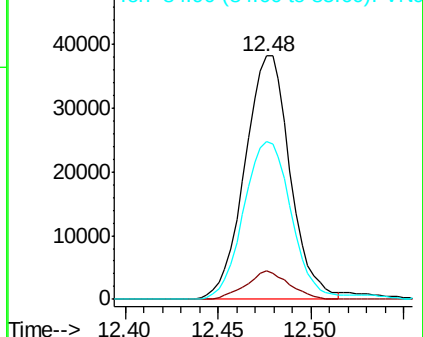
85 68.0 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064320.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 26.402 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064393.D

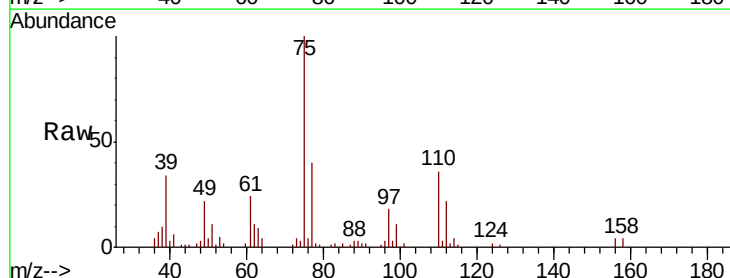
Acq: 30 Oct 2020 12:25

Tgt Ion: 75 Resp: 99817

Ion Ratio Lower Upper

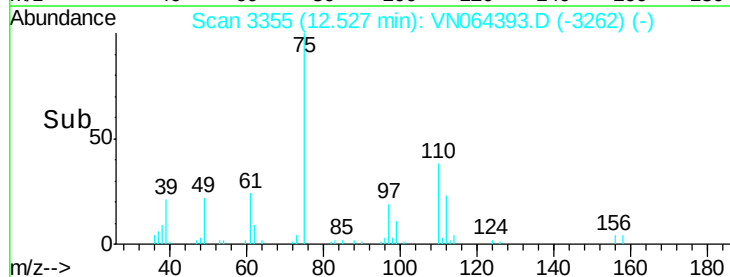
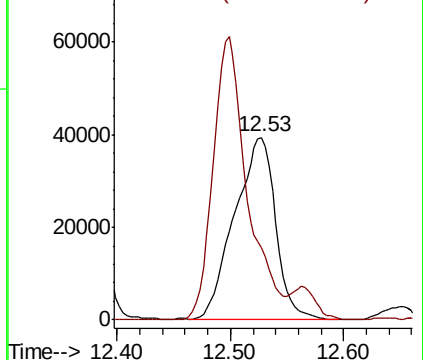
75 100

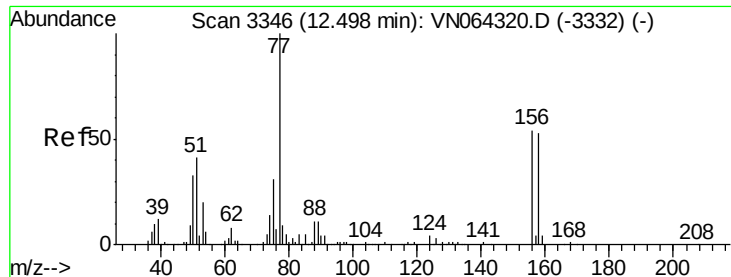
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)





#77

Bromobenzene

Concen: 19.553 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

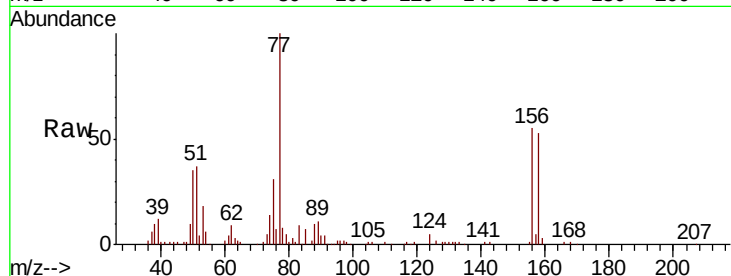
Tot Ion:156 Resp: 56616

Ion Ratio Lower Upper

156 100

77 225.1 111.9 335.7

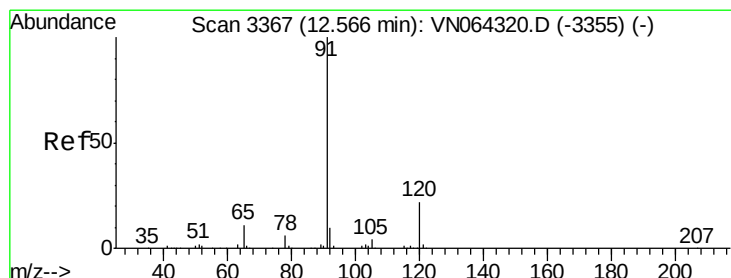
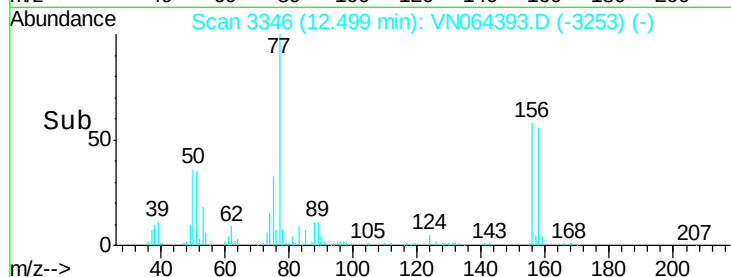
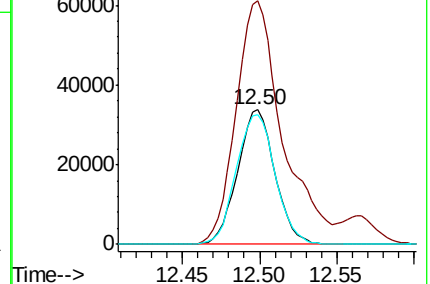
158 100.8 49.0 147.0



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: 18.316 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064393.D

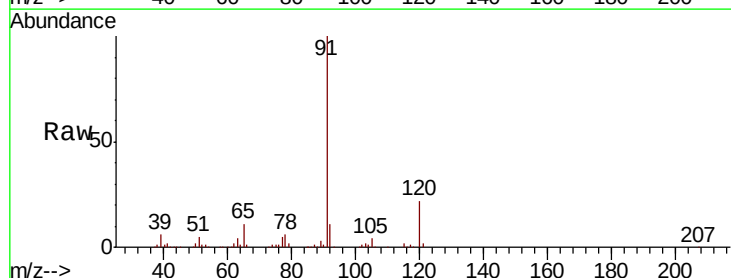
Acq: 30 Oct 2020 12:25

Tgt Ion: 91 Resp: 245195

Ion Ratio Lower Upper

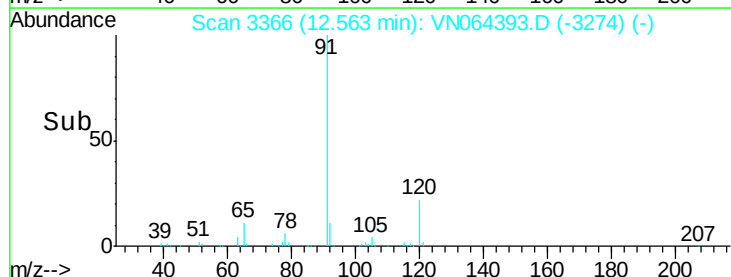
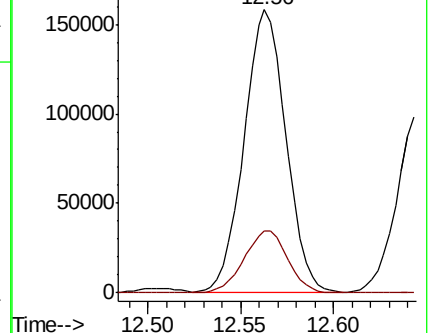
91 100

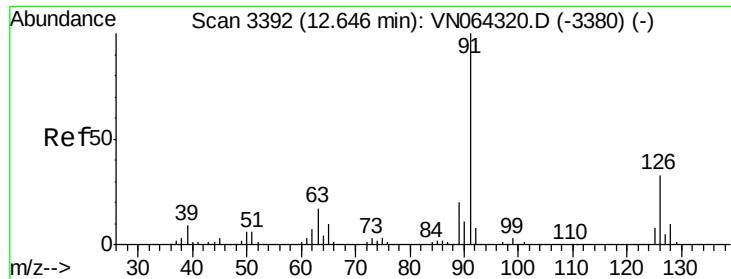
120 23.0 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

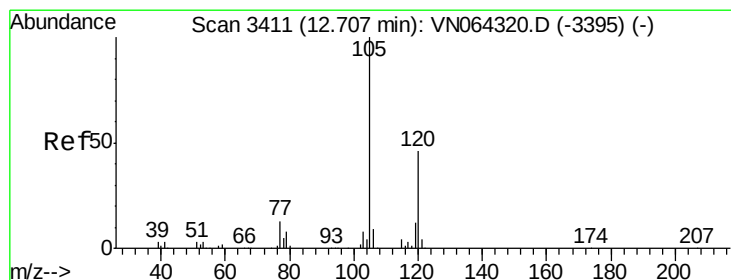
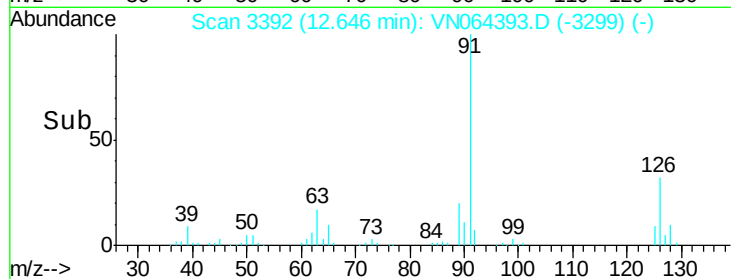
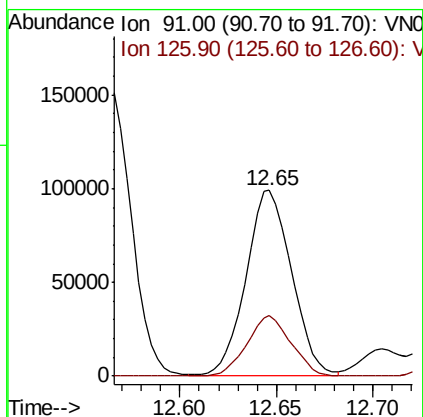
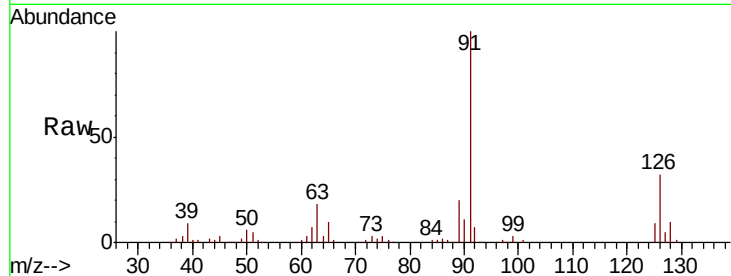




#79
 2-Chlorotoluene
 Concen: 18.923 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

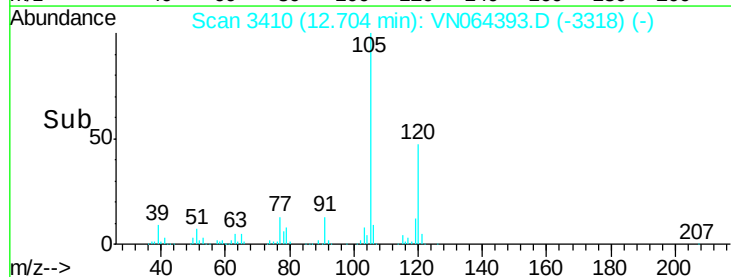
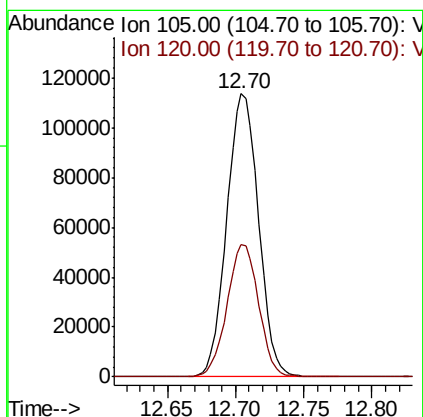
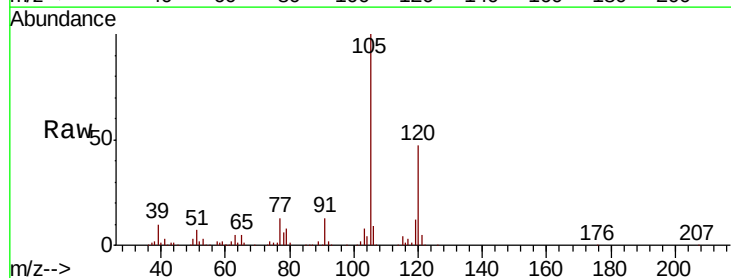
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

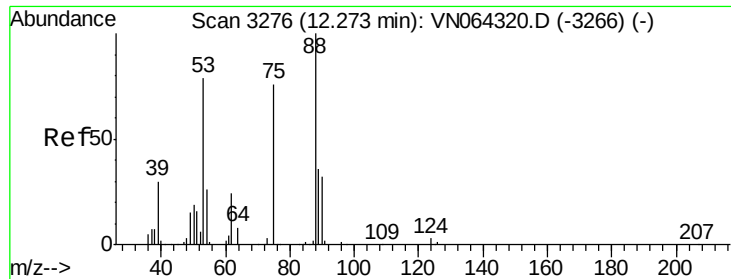
Tot Ion: 91 Resp: 161932
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.398 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion: 105 Resp: 184076
 Ion Ratio Lower Upper
 105 100
 120 46.6 22.9 68.8

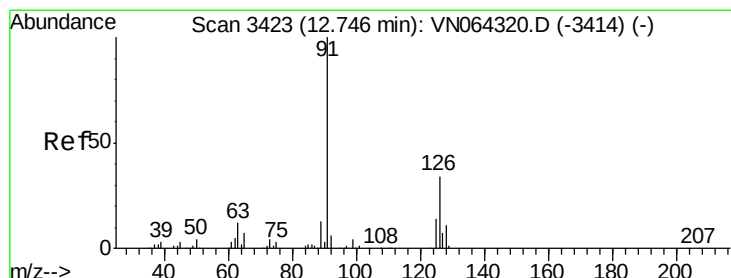
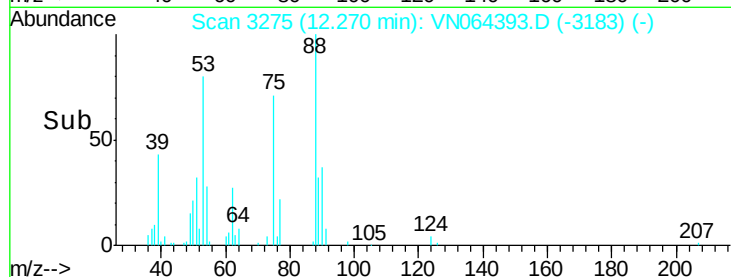
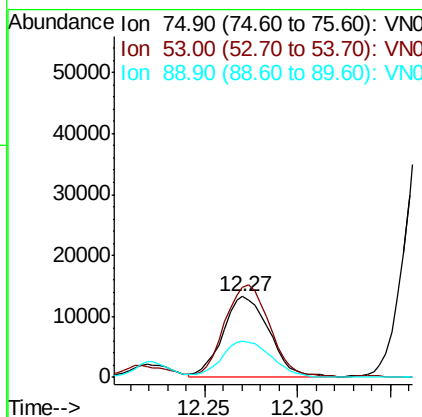
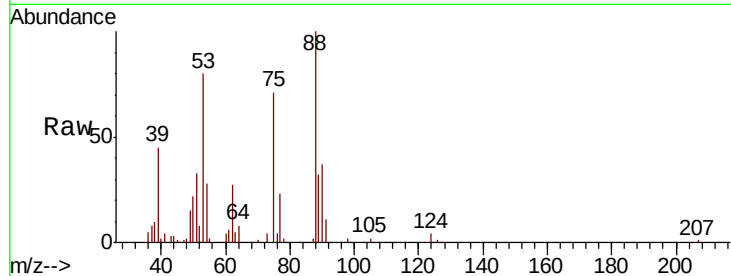




#81
trans-1,4-Dichloro-2-butene
Concen: 17.750 ug/l
RT: 12.27 min Scan# 3275
Delta R.T. -0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

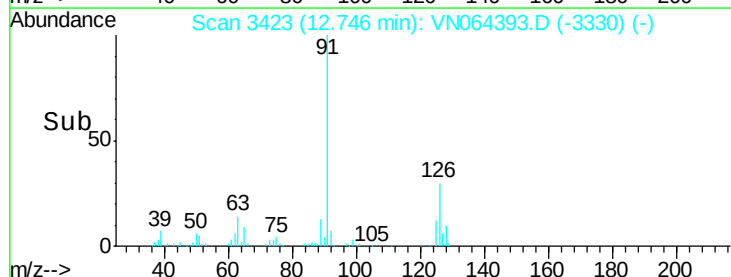
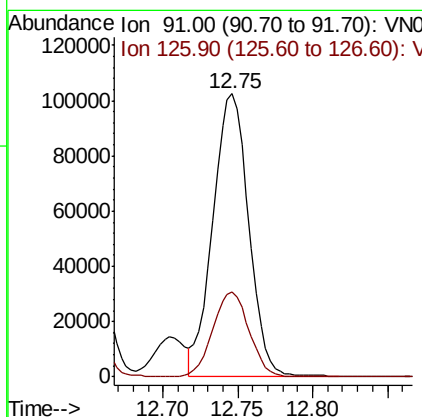
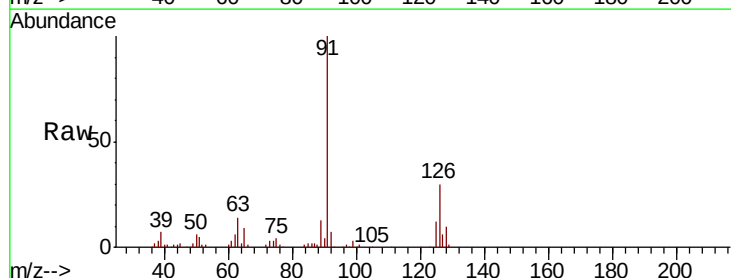
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

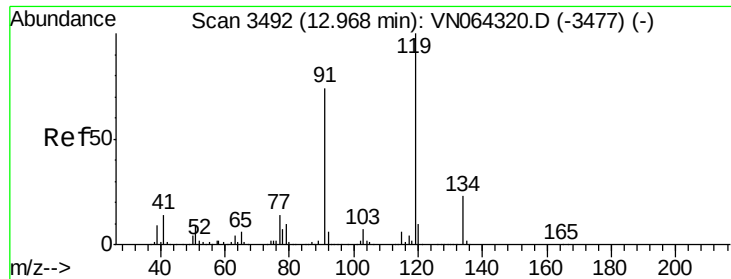
Tot Ion: 75 Resp: 23297
Ion Ratio Lower Upper
75 100
53 111.3 81.8 122.8
89 47.1 39.9 59.9



#82
4-Chlorotoluene
Concen: 19.474 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 91 Resp: 169770
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.3

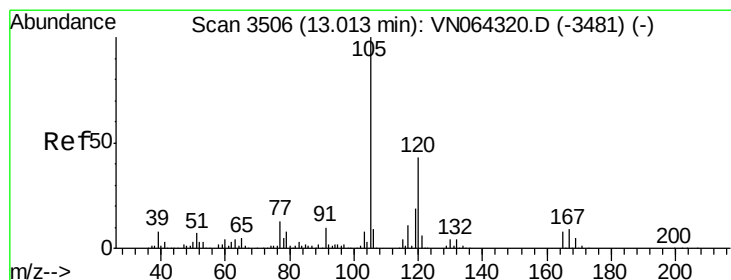
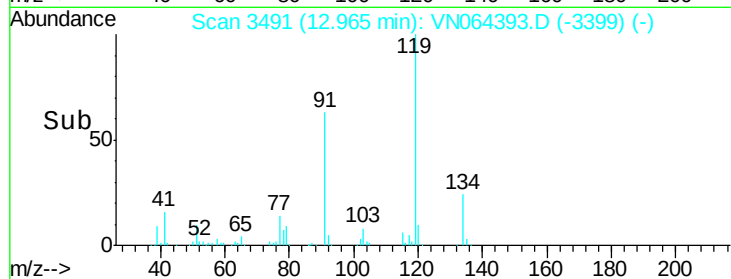
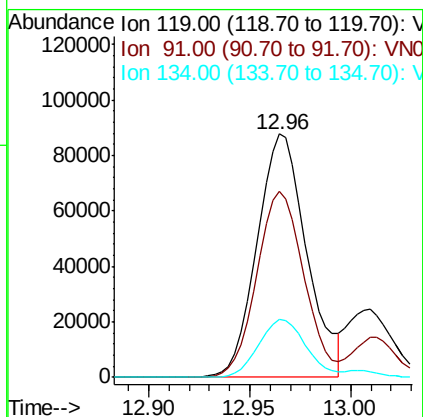
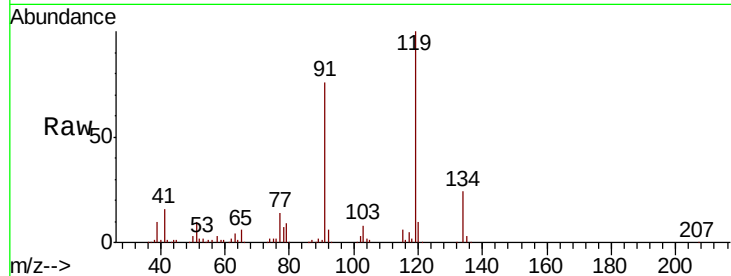




#83
 tert-Butylbenzene
 Concen: 18.311 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

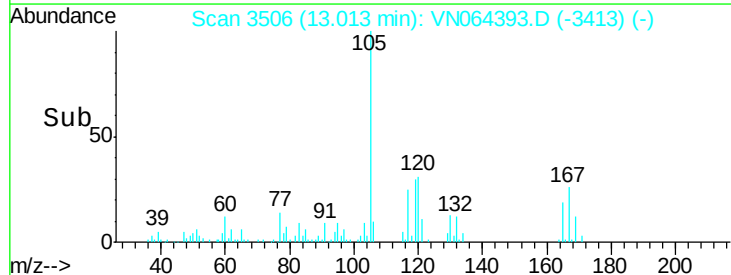
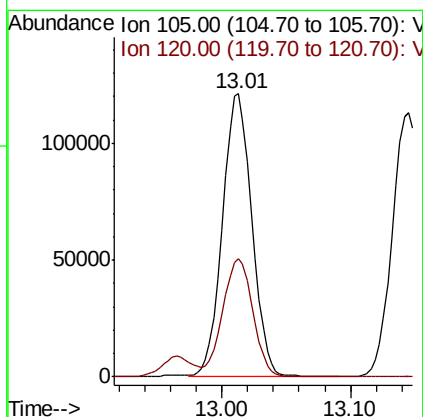
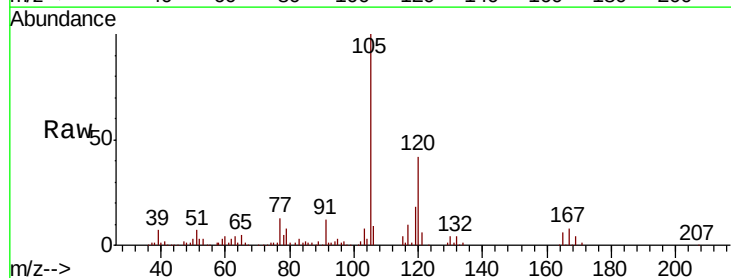
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

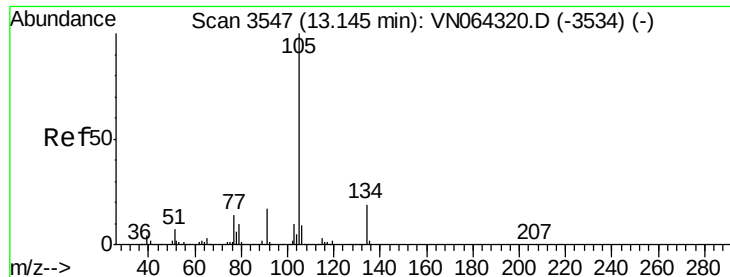
Tot Ion:119 Resp: 150333
 Ion Ratio Lower Upper
 119 100
 91 72.9 36.4 109.1
 134 23.0 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.230 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion:105 Resp: 192245
 Ion Ratio Lower Upper
 105 100
 120 42.6 21.3 64.0





#85

sec-Butylbenzene

Concen: 17.236 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

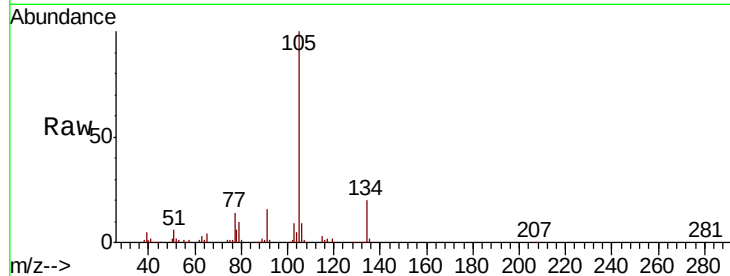
VN1030WBSD01

Tot Ion:105 Resp: 183120

Ion Ratio Lower Upper

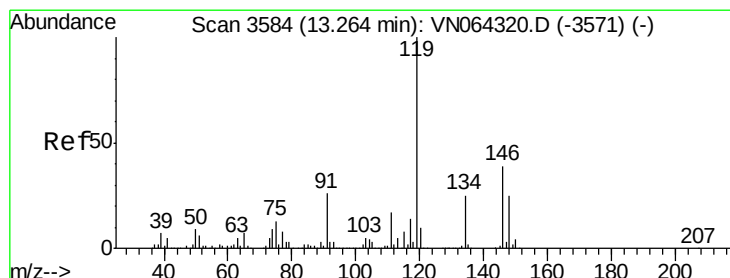
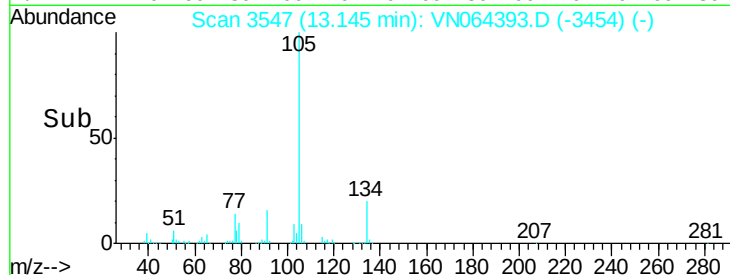
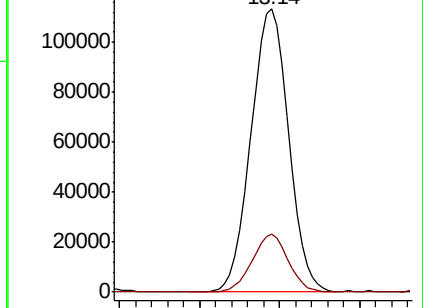
105 100

134 19.5 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.203 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

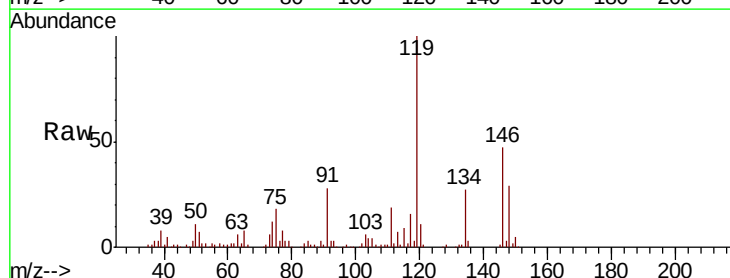
Tgt Ion:119 Resp: 164663

Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.4

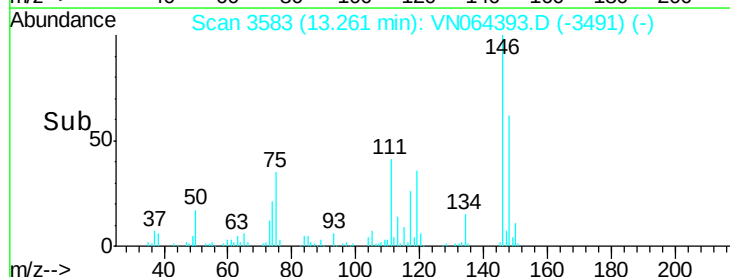
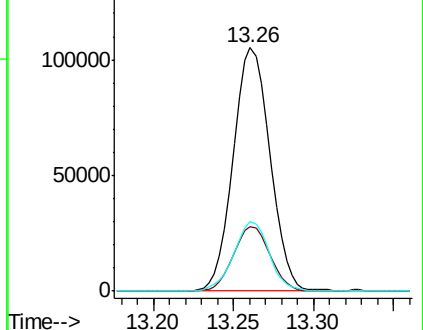
91 27.6 13.0 38.9

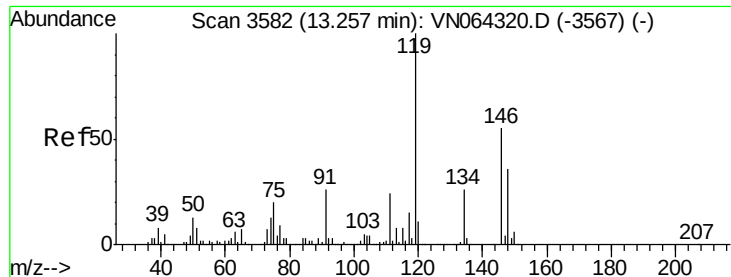


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

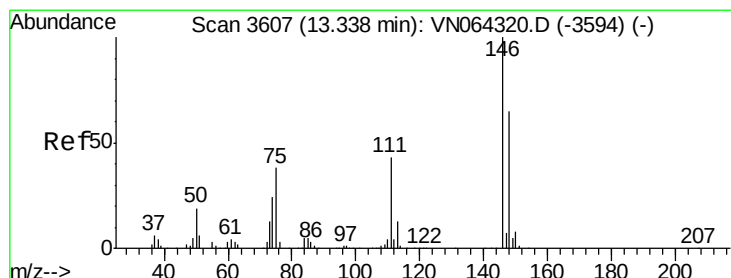
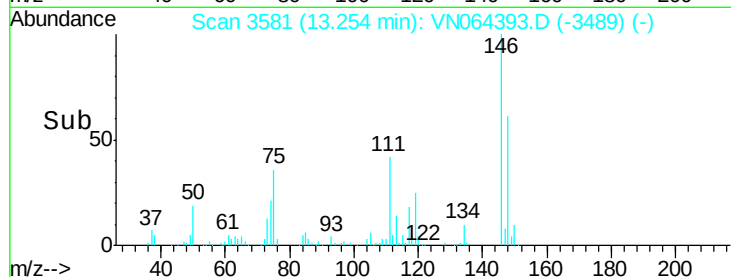
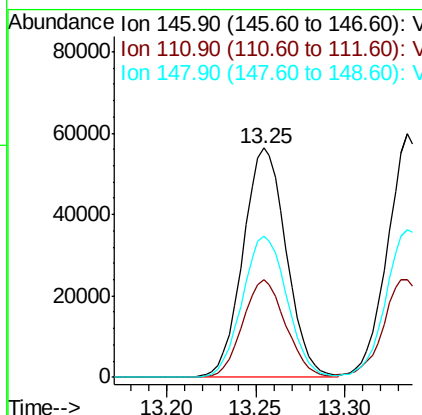
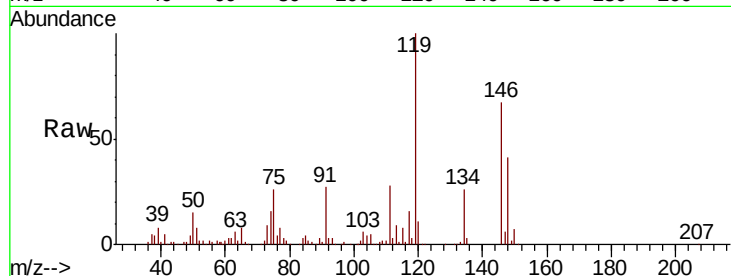




#87
 1,3-Dichlorobenzene
 Concen: 18.842 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

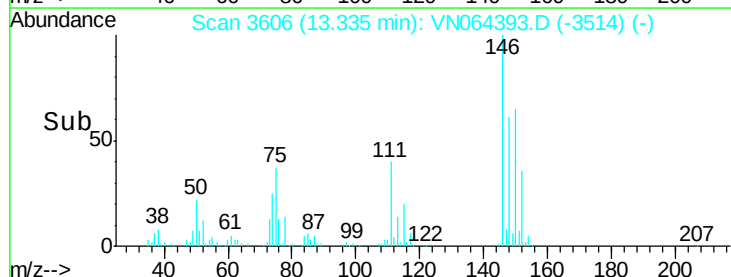
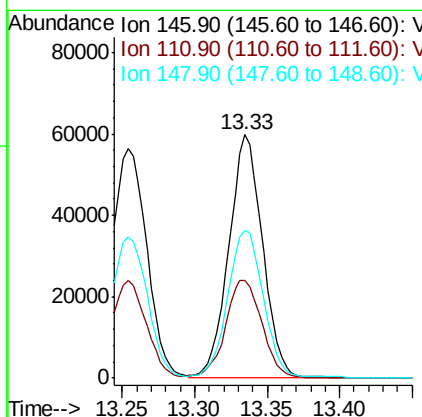
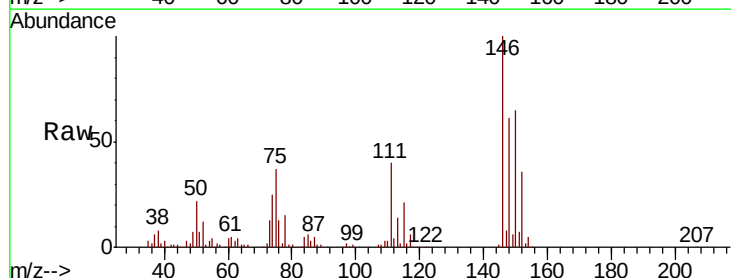
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1030WBSD01

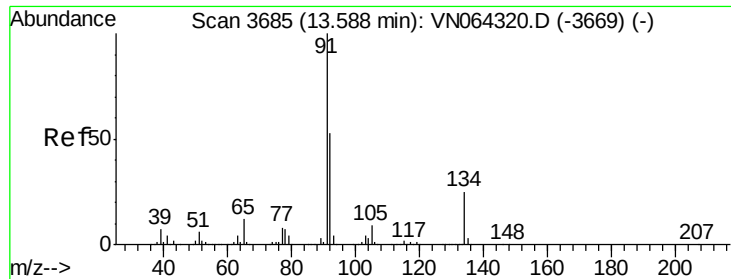
Tot Ion:146 Resp: 95507
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.9 65.5
 148 63.4 32.6 98.0



#88
 1,4-Dichlorobenzene
 Concen: 18.577 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion:146 Resp: 95906
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.4
 148 63.5 31.8 95.3

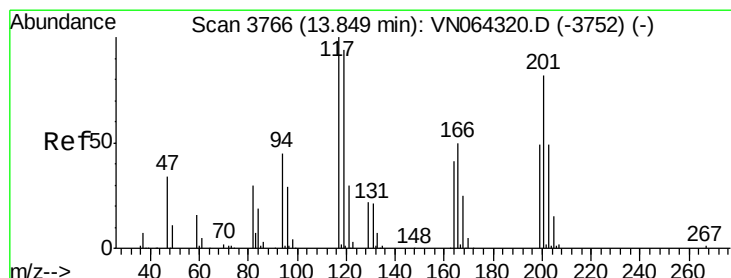
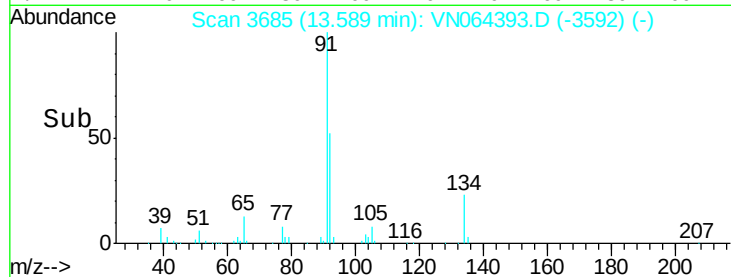
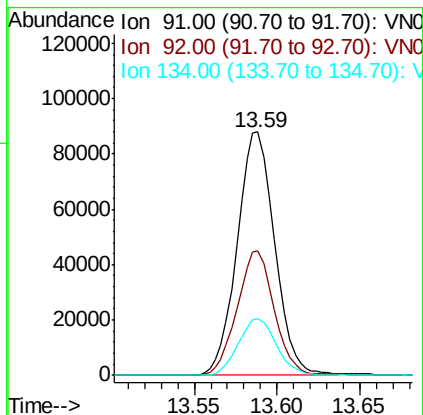
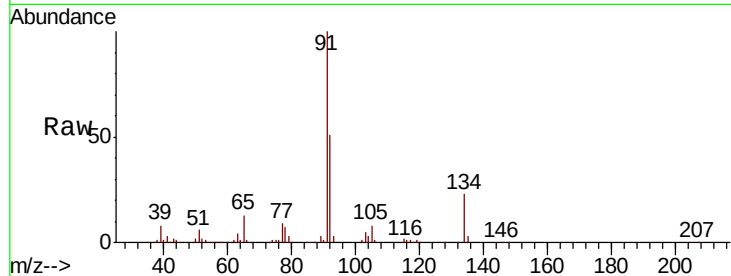




#89
n-Butylbenzene
Concen: 16.475 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

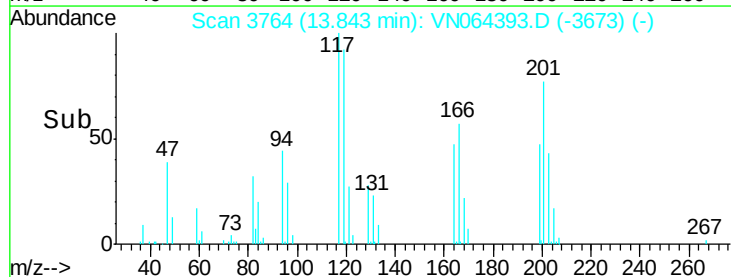
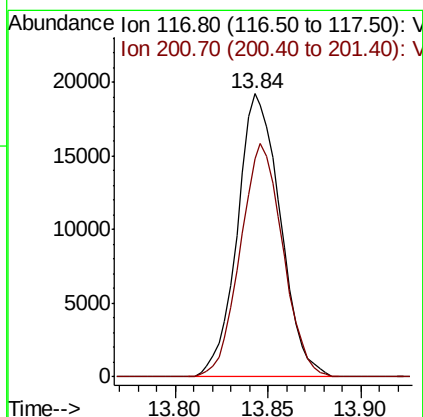
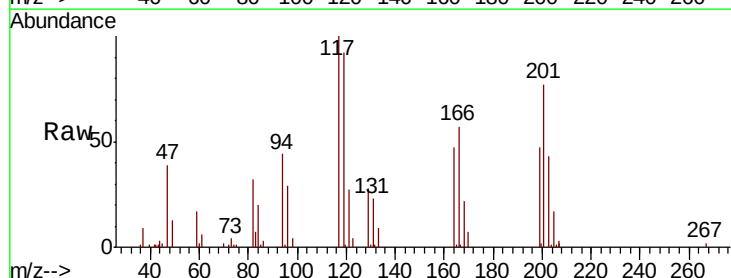
Instrument :
MSVOA_N
ClientSampleId :
VN1030WBSD01

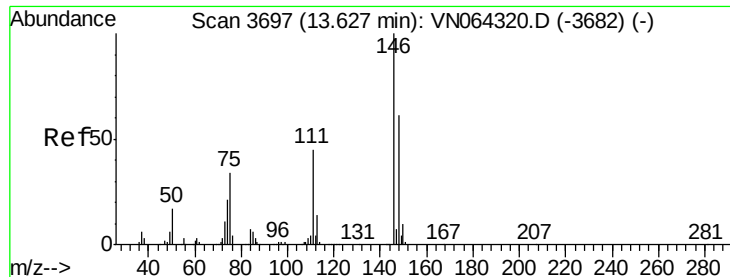
Tot Ion: 91 Resp: 138919
Ion Ratio Lower Upper
91 100
92 50.3 26.2 78.5
134 23.5 12.4 37.4



#90
Hexachloroethane
Concen: 17.260 ug/l
RT: 13.84 min Scan# 3764
Delta R.T. -0.01 min
Lab File: VN064393.D
Acq: 30 Oct 2020 12:25

Tgt Ion: 117 Resp: 31027
Ion Ratio Lower Upper
117 100
201 81.5 39.8 119.3





#91

1,2-Dichlorobenzene

Concen: 18.415 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

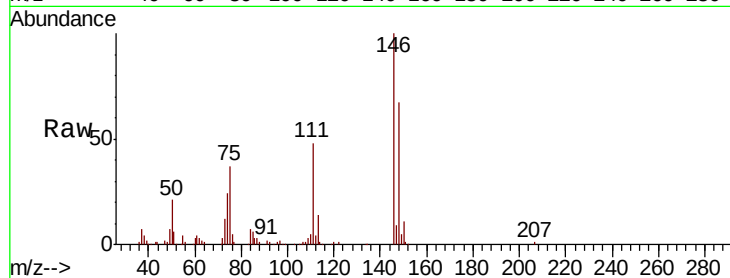
Tot Ion:146 Resp: 92803

Ion Ratio Lower Upper

146 100

111 45.6 23.0 69.0

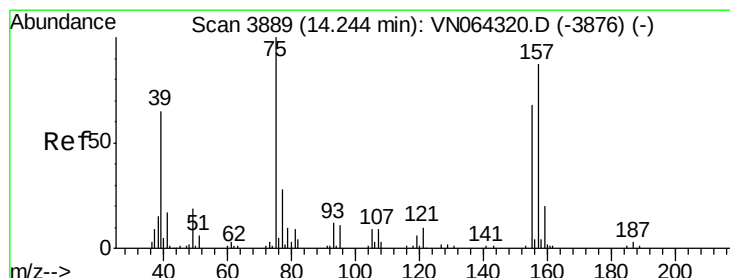
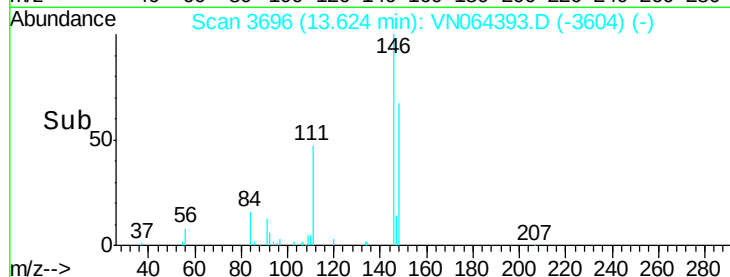
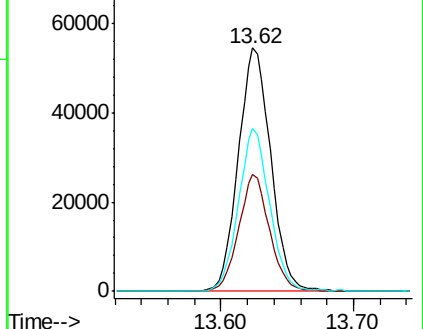
148 64.2 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.427 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

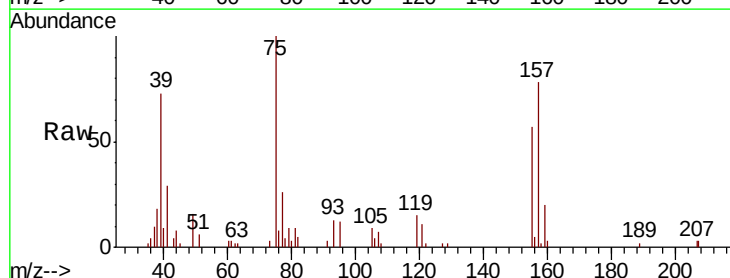
Tgt Ion: 75 Resp: 16568

Ion Ratio Lower Upper

75 100

155 66.1 35.1 105.5

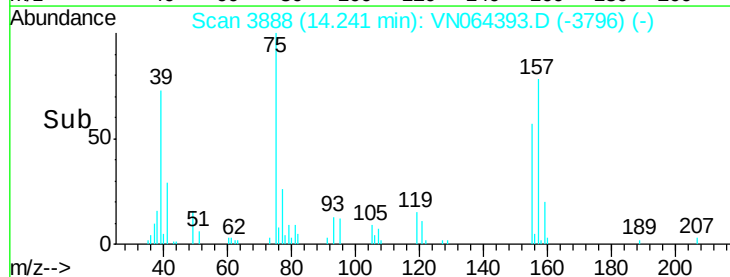
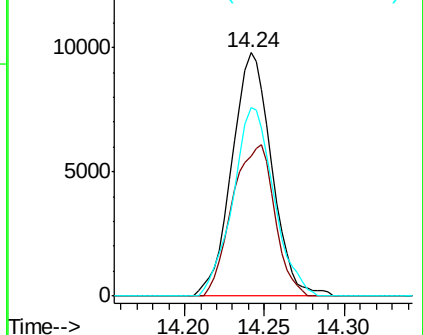
157 79.8 43.2 129.6

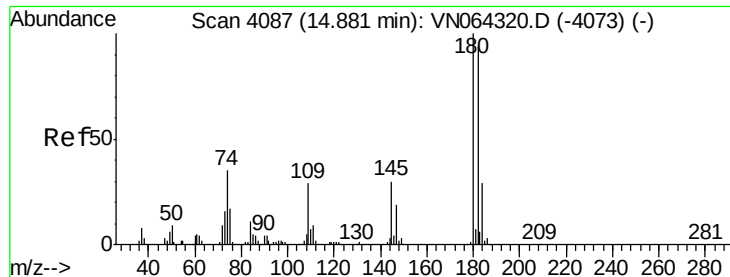


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

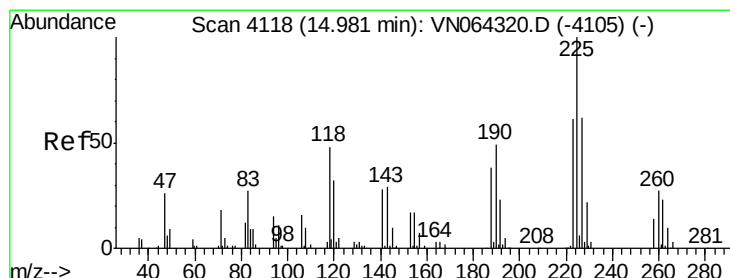
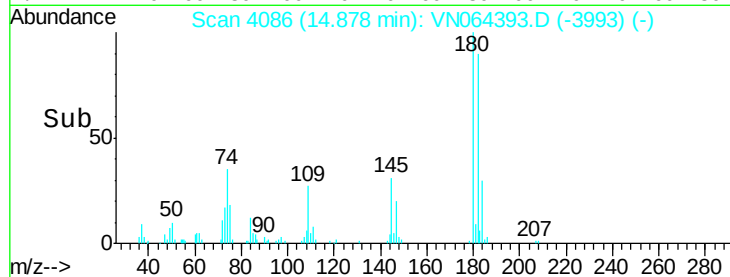
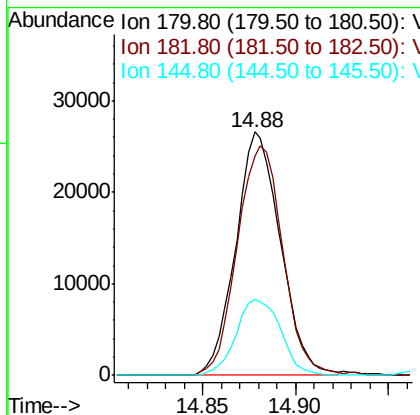
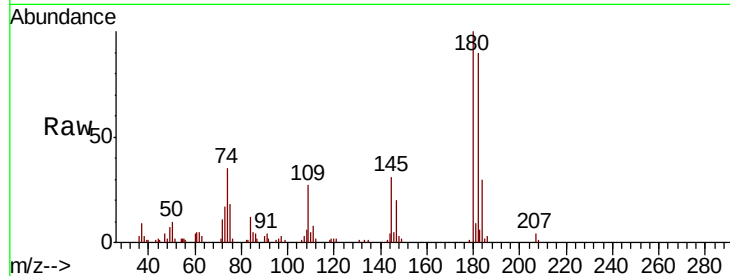




#93
 1,2,4-Trichlorobenzene
 Concen: 16.739 ug/l
 RT: 14.88 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

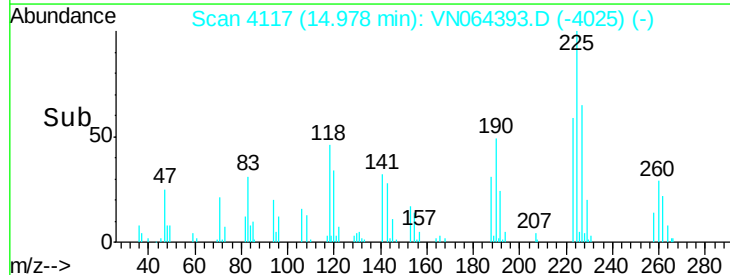
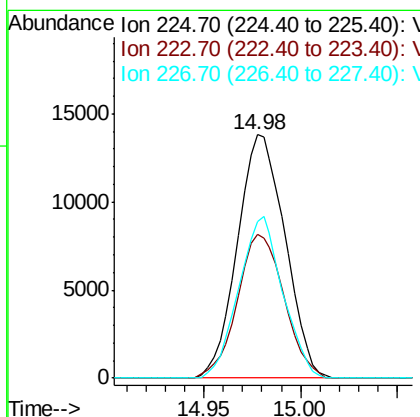
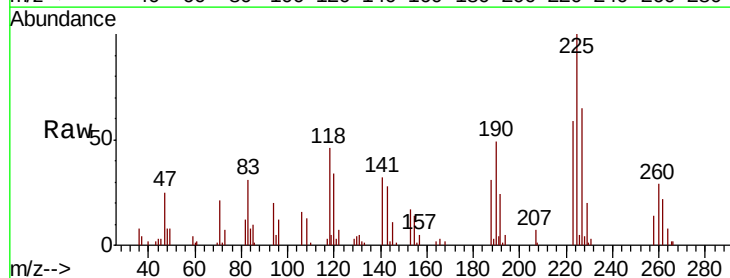
Instrument :
 MSVOA_N
 ClientSampled :
 VN1030WBSD01

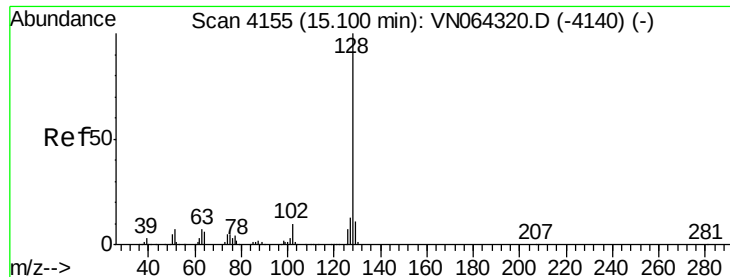
Tot Ion:180 Resp: 44431
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.6 139.7
 145 31.2 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 15.253 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064393.D
 Acq: 30 Oct 2020 12:25

Tgt Ion:225 Resp: 23588
 Ion Ratio Lower Upper
 225 100
 223 58.2 31.3 93.8
 227 61.4 32.3 96.9





#95

Naphthalene

Concen: 16.689 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN1030WBSD01

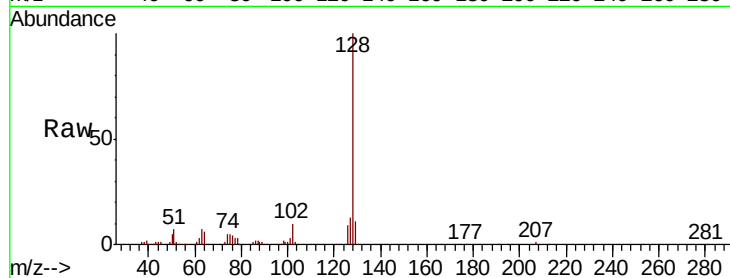
Tot Ion:128 Resp: 134011

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

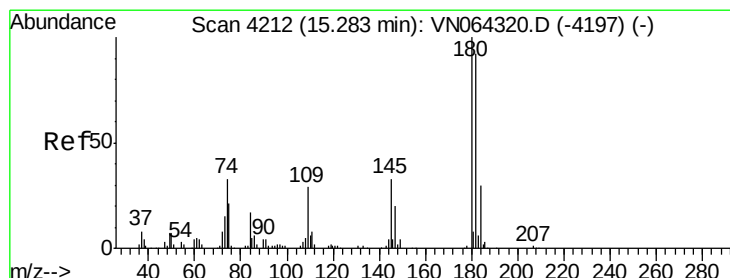
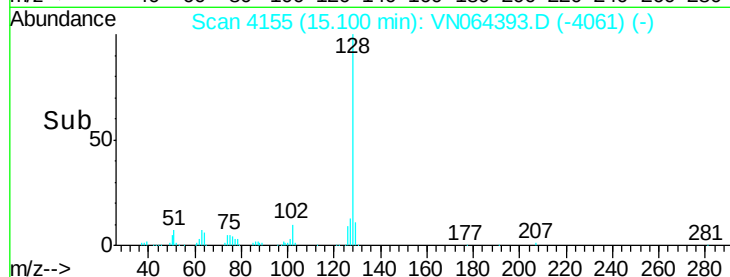
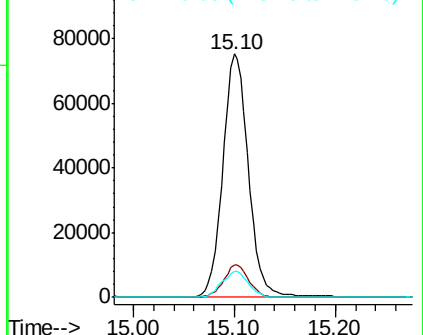
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.705 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064393.D

Acq: 30 Oct 2020 12:25

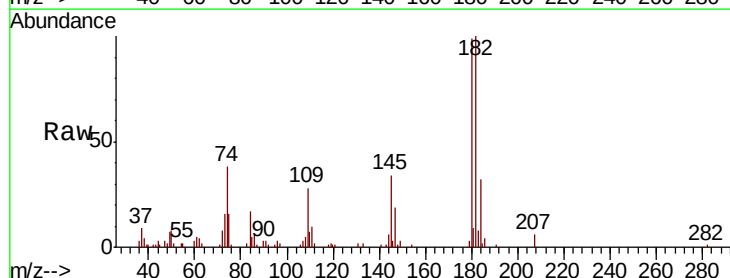
Tgt Ion:180 Resp: 42397

Ion Ratio Lower Upper

180 100

182 100.2 46.1 138.3

145 33.2 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

