

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101420\
 Data File : VN064115.D
 Acq On : 14 Oct 2020 15:29
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 14 15:59:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	368079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	615271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	284070	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	242444	41.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.48%	
35) Dibromofluoromethane	7.55	113	198949	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
50) Toluene-d8	10.06	98	761036	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	12.38	95	262057	43.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	174772	45.230	ug/l	100
3) Chloromethane	2.04	50	206295	45.269	ug/l	100
4) Vinyl Chloride	2.16	62	254484	53.887	ug/l	100
5) Bromomethane	2.53	94	193417	61.803	ug/l	100
6) Chloroethane	2.67	64	198929	67.090	ug/l	100
7) Trichlorofluoromethane	2.98	101	351956	48.283	ug/l	100
8) Diethyl Ether	3.37	74	112480	46.344	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	175082	45.417	ug/l	100
10) Methyl Iodide	3.91	142	254089	55.182	ug/l	100
11) Tert butyl alcohol	4.73	59	138784	213.809	ug/l	100
12) 1,1-Dichloroethene	3.70	96	174846	47.048	ug/l	100
13) Acrolein	3.57	56	119247	281.488	ug/l	100
14) Allyl chloride	4.28	41	275609	41.133	ug/l	100
15) Acrylonitrile	4.93	53	409855	218.080	ug/l	100
16) Acetone	3.78	43	364374	200.613	ug/l	100
17) Carbon Disulfide	4.01	76	512127	46.980	ug/l	100
18) Methyl Acetate	4.28	43	180657	38.367	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	549947	41.948	ug/l	100
20) Methylene Chloride	4.50	84	217826	46.697	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	203398	48.548	ug/l	100
22) Diisopropyl ether	5.90	45	568458	41.349	ug/l	100
23) Vinyl Acetate	5.85	43	2623557	228.018	ug/l	100
24) 1,1-Dichloroethane	5.80	63	375437	46.630	ug/l	100
25) 2-Butanone	6.78	43	586331	225.488	ug/l	100
26) 2,2-Dichloropropane	6.78	77	302510	41.726	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	237641	49.399	ug/l	100
28) Bromochloromethane	7.15	49	171801	43.876	ug/l	# 100
29) Tetrahydrofuran	7.16	42	349486	203.244	ug/l	100
30) Chloroform	7.33	83	405736	48.034	ug/l	100
31) Cyclohexane	7.61	56	270783	39.531	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	357406	47.284	ug/l	100
36) 1,1-Dichloropropene	7.76	75	294729	47.369	ug/l	100
37) Ethyl Acetate	6.88	43	261404	42.871	ug/l	100
38) Carbon Tetrachloride	7.73	117	311079	44.871	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	256825	42.422	ug/l	100
40) Benzene	8.00	78	894193	49.809	ug/l	100
41) Methacrylonitrile	7.13	41	114196	43.182	ug/l	100
42) 1,2-Dichloroethane	8.08	62	323442	43.354	ug/l	100
43) Isopropyl Acetate	8.13	43	431422	43.428	ug/l	100
44) Trichloroethene	8.80	130	235931	49.995	ug/l	100
45) 1,2-Dichloropropane	9.08	63	231352	48.175	ug/l	100
46) Dibromomethane	9.18	93	162464	48.774	ug/l	100
47) Bromodichloromethane	9.37	83	331908	48.691	ug/l	100
48) Methyl methacrylate	9.17	41	209933	42.711	ug/l	100
49) 1,4-Dioxane	9.17	88	57125	817.154	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1322975	226.120	ug/l	100
52) Toluene	10.13	92	571509	51.464	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	346693	47.745	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	371708	48.795	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	226827	51.057	ug/l	100
56) Ethyl methacrylate	10.40	69	310926	49.966	ug/l	100
57) 1,3-Dichloropropane	10.68	76	376841	50.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	796985	240.762	ug/l	100
59) 2-Hexanone	10.72	43	948065	218.790	ug/l	100
60) Dibromochloromethane	10.87	129	262810	50.672	ug/l	100
61) 1,2-Dibromoethane	10.98	107	239978	52.607	ug/l	100
64) Tetrachloroethene	10.60	164	222065	48.465	ug/l	100
65) Chlorobenzene	11.41	112	616190	50.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	237090	51.127	ug/l	100
67) Ethyl Benzene	11.48	91	1080221	49.524	ug/l	100
68) m/p-Xylenes	11.59	106	828372	101.272	ug/l	100
69) o-Xylene	11.92	106	390227	51.028	ug/l	100
70) Styrene	11.94	104	670048	51.751	ug/l	100
71) Bromoform	12.10	173	182232	51.506	ug/l #	100
73) Isopropylbenzene	12.23	105	1024111	49.359	ug/l	100
74) N-amyl acetate	12.04	43	388855	46.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	322164	50.386	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	413414	65.953	ug/l #	100
77) Bromobenzene	12.50	156	270332	52.256	ug/l	100
78) n-propylbenzene	12.57	91	1164358	48.287	ug/l	100
79) 2-Chlorotoluene	12.65	91	712080	47.895	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	858710	49.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	106433	49.221	ug/l	100
82) 4-Chlorotoluene	12.75	91	736933	47.945	ug/l	100
83) tert-Butylbenzene	12.97	119	697739	49.031	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	855758	49.491	ug/l	100
85) sec-Butylbenzene	13.15	105	908315	48.702	ug/l	100
86) p-Isopropyltoluene	13.26	119	816395	49.544	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	471060	50.728	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	469522	48.515	ug/l	100
89) n-Butylbenzene	13.59	91	667225	44.489	ug/l	100
90) Hexachloroethane	13.85	117	138441	44.158	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	470329	50.857	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	63068	43.205	ug/l	100

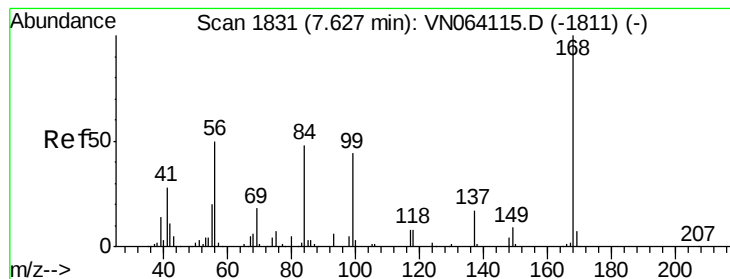
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	212026	42.952	ug/l	100
94) Hexachlorobutadiene	14.98	225	105933	37.091	ug/l	100
95) Naphthalene	15.10	128	631143	41.983	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	213883	42.991	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

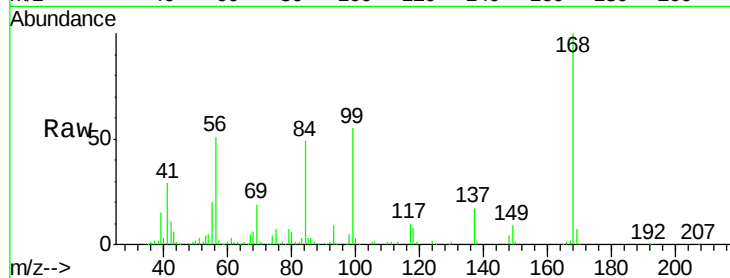
VSTDICCC050

Tgt Ion:168 Resp: 368079

Ion Ratio Lower Upper

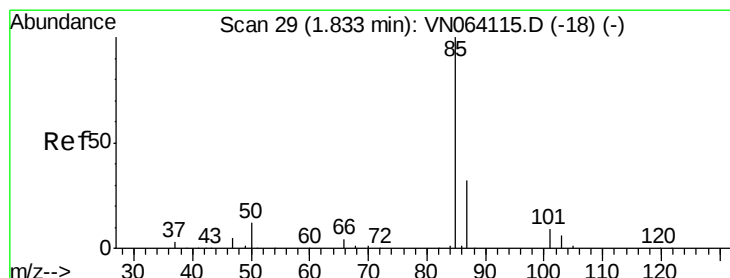
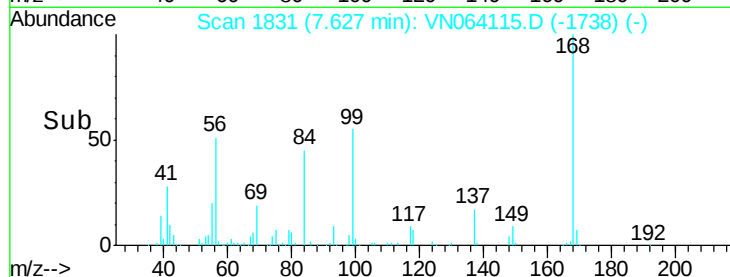
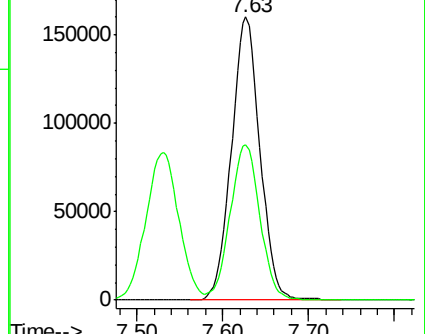
168 100

99 54.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 45.230 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064115.D

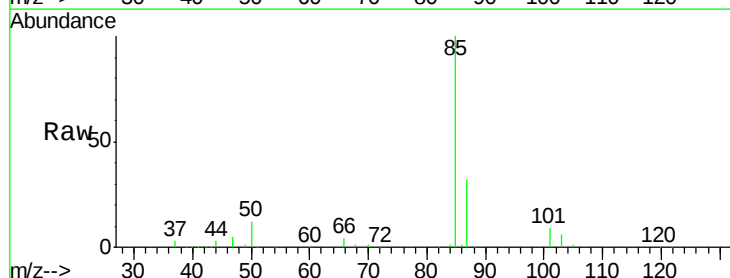
Acq: 14 Oct 2020 15:29

Tgt Ion: 85 Resp: 174772

Ion Ratio Lower Upper

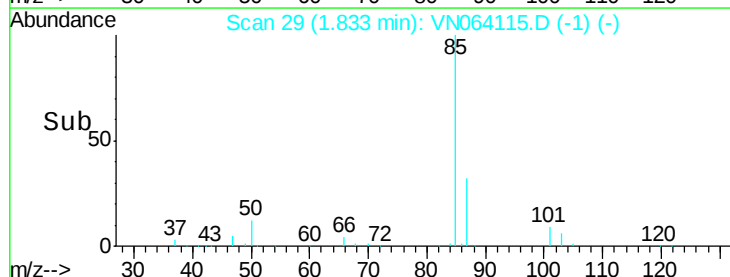
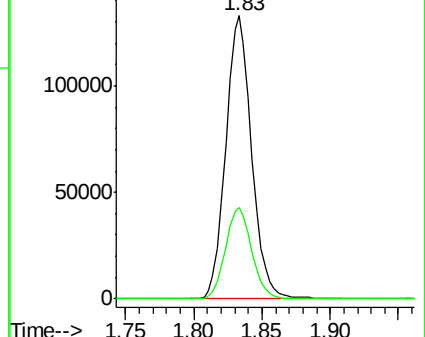
85 100

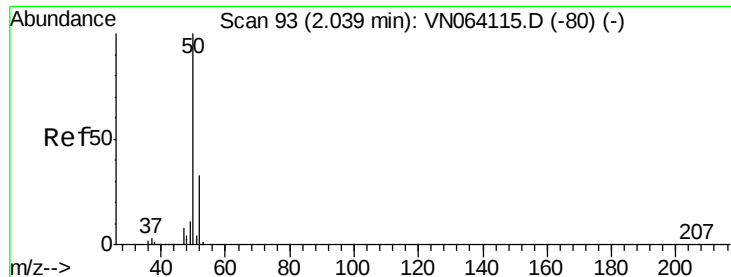
87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.269 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

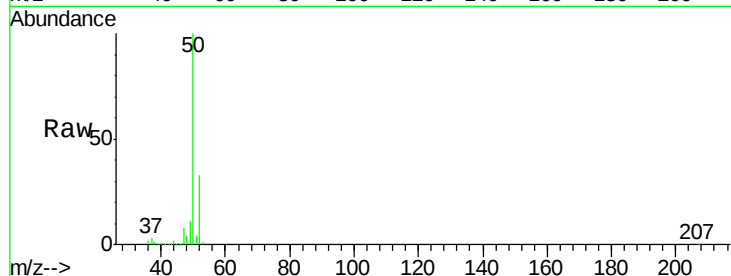
VSTDICCC050

Tgt Ion: 50 Resp: 206295

Ion Ratio Lower Upper

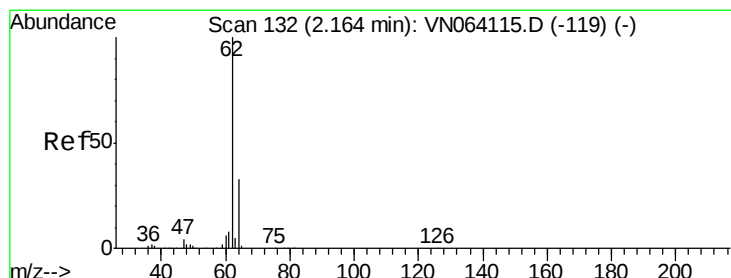
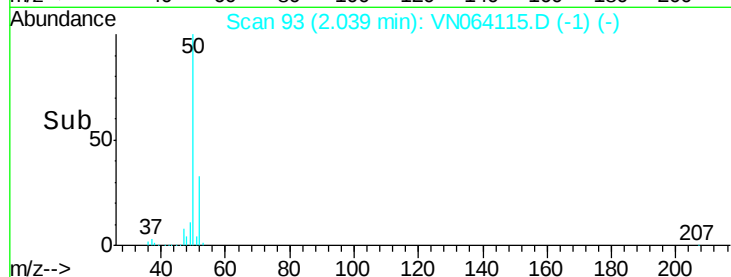
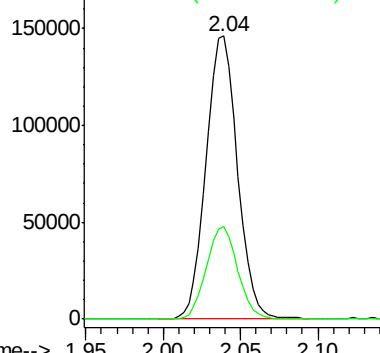
50 100

52 32.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 53.887 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064115.D

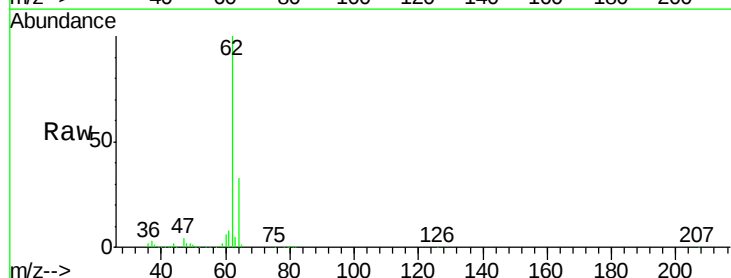
Acq: 14 Oct 2020 15:29

Tgt Ion: 62 Resp: 254484

Ion Ratio Lower Upper

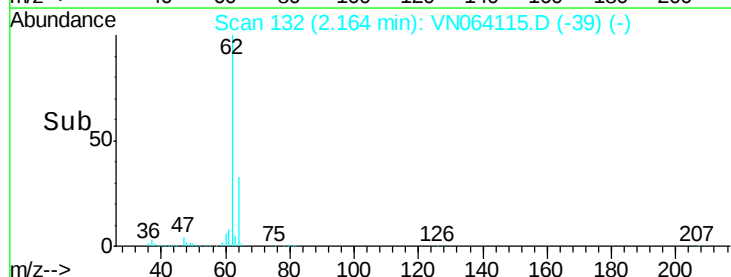
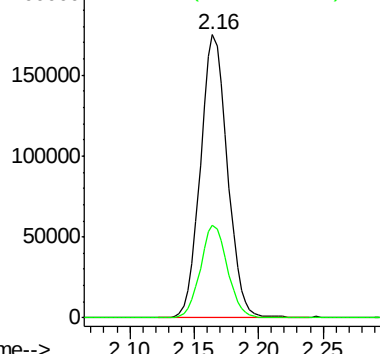
62 100

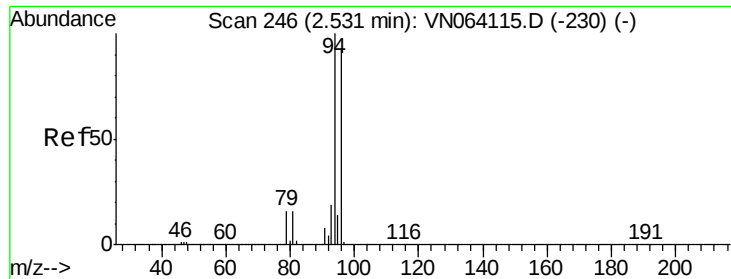
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 61.803 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

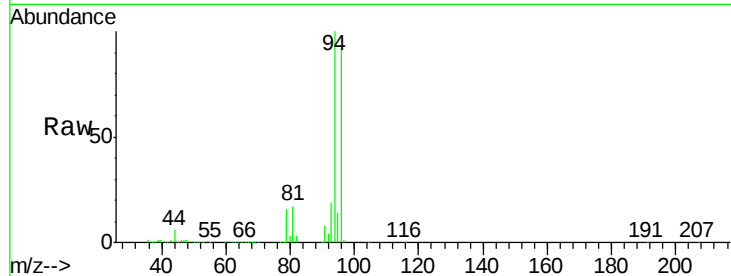
VSTDICCC050

Tgt Ion: 94 Resp: 193417

Ion Ratio Lower Upper

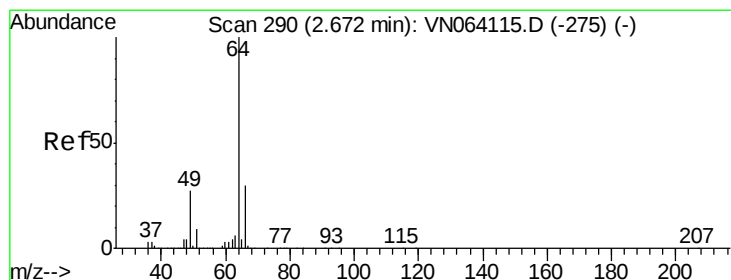
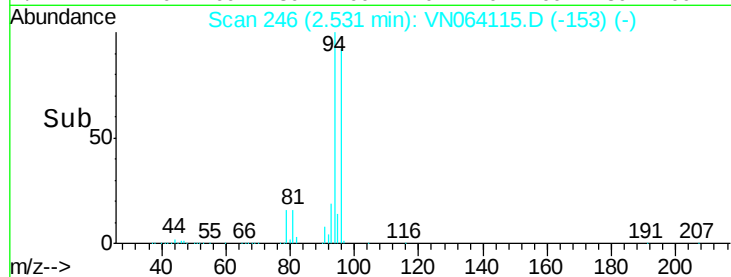
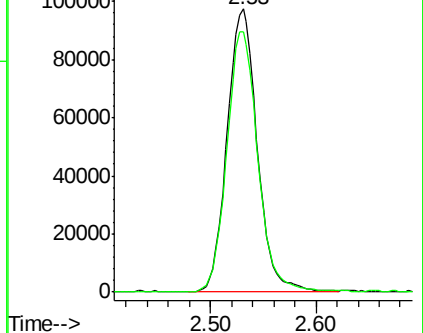
94 100

96 91.9 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 67.090 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064115.D

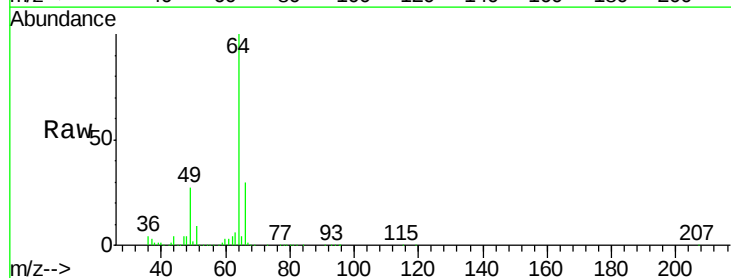
Acq: 14 Oct 2020 15:29

Tgt Ion: 64 Resp: 198929

Ion Ratio Lower Upper

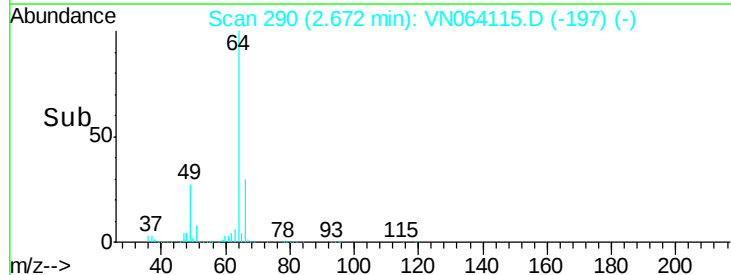
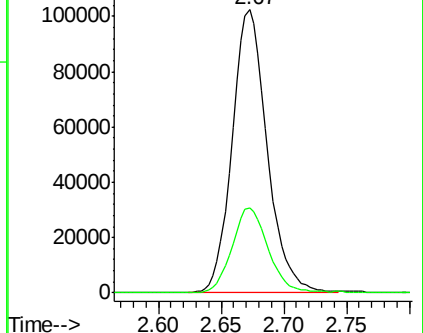
64 100

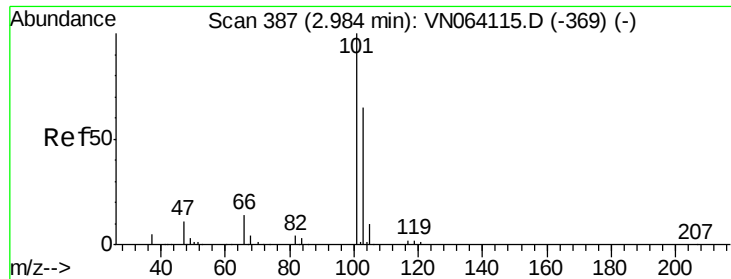
66 30.2 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



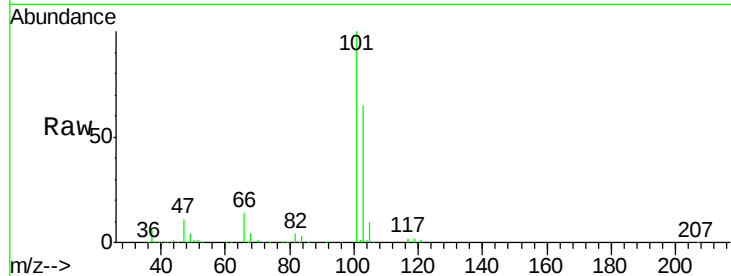


#7

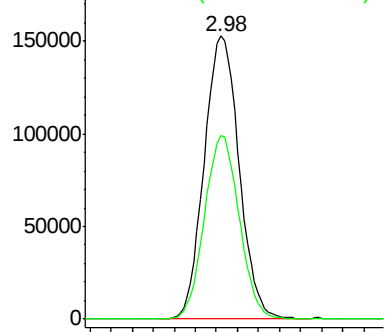
Trichlorofluoromethane
 Concen: 48.283 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

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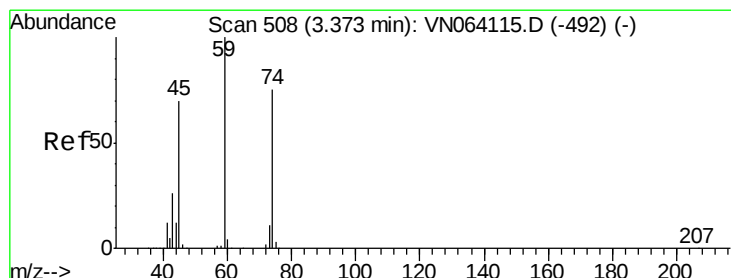
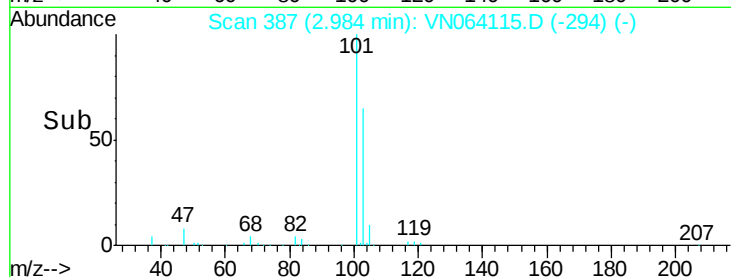
Tgt Ion:101 Resp: 351956
 Ion Ratio Lower Upper
 101 100
 103 64.7 51.8 77.6



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



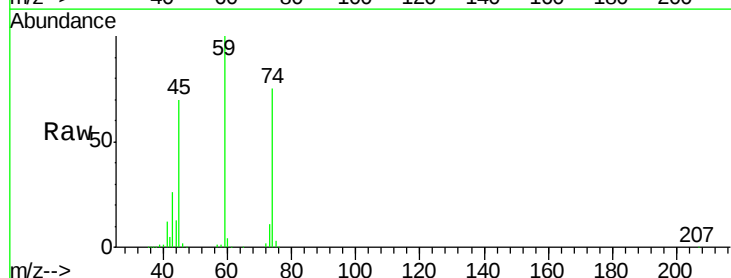
Time-->



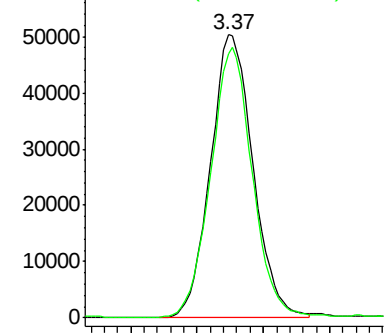
#8

Diethyl Ether
 Concen: 46.344 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

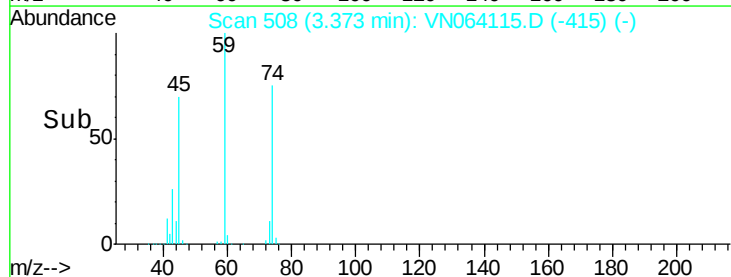
Tgt Ion: 74 Resp: 112480
 Ion Ratio Lower Upper
 74 100
 45 94.0 47.0 141.0

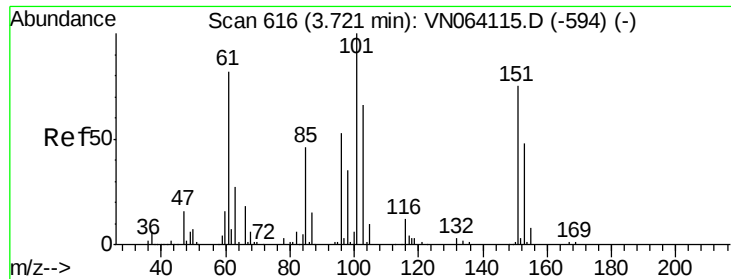


Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.417 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

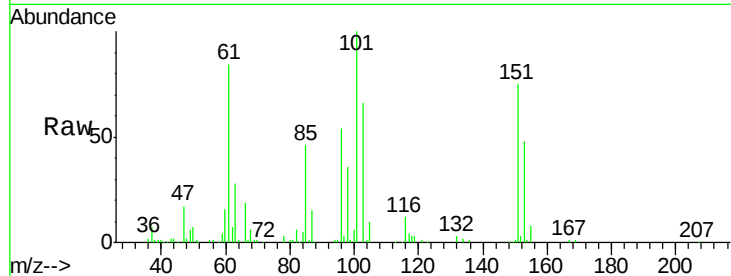
Tgt Ion:101 Resp: 175082

Ion Ratio Lower Upper

101 100

85 46.1 36.9 55.3

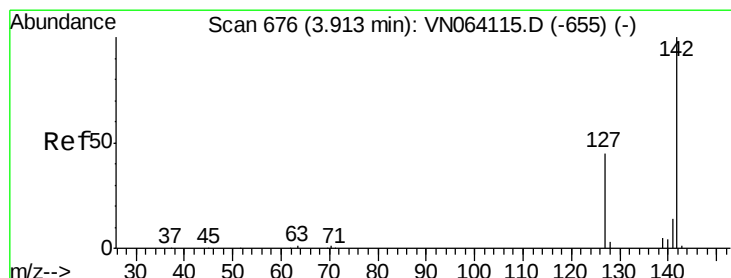
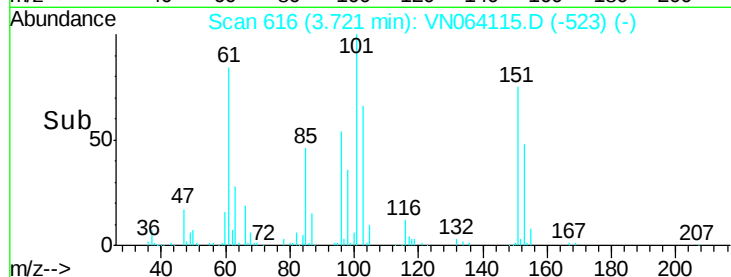
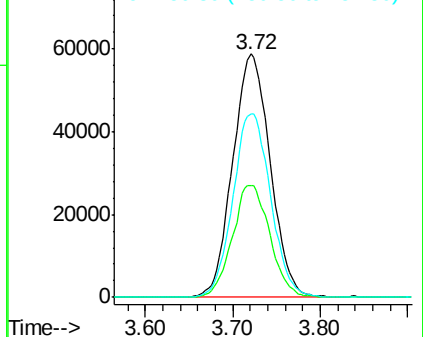
151 75.9 60.7 91.1



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: 55.182 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

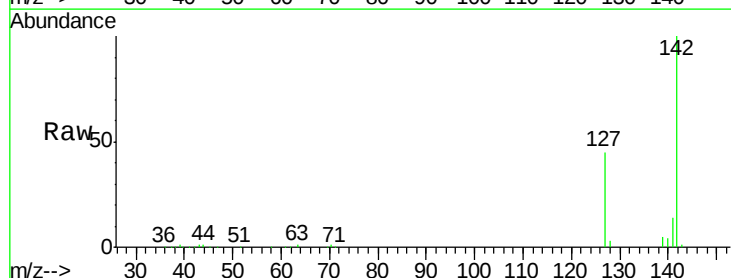
Tgt Ion:142 Resp: 254089

Ion Ratio Lower Upper

142 100

127 45.4 36.3 54.5

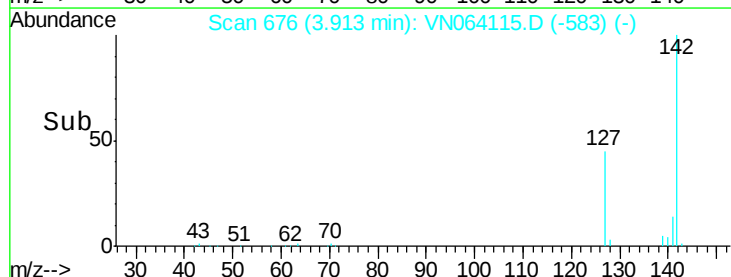
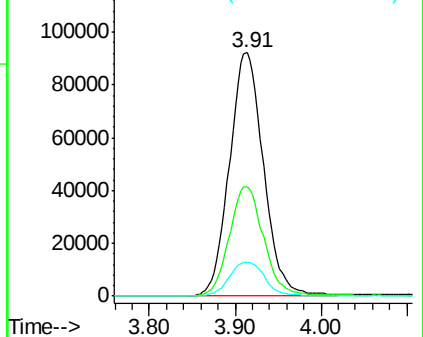
141 14.5 11.6 17.4

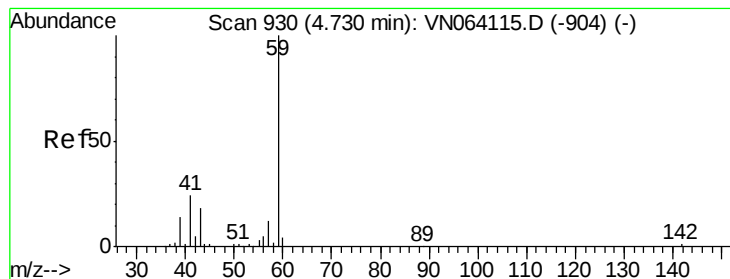


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



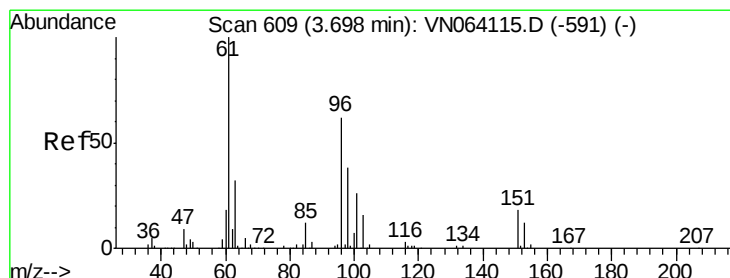
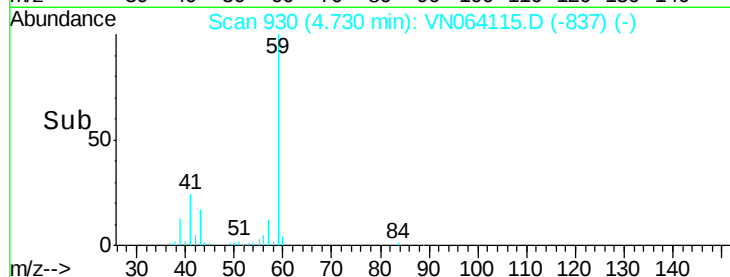
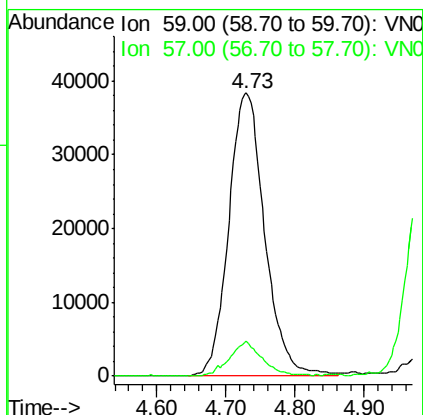
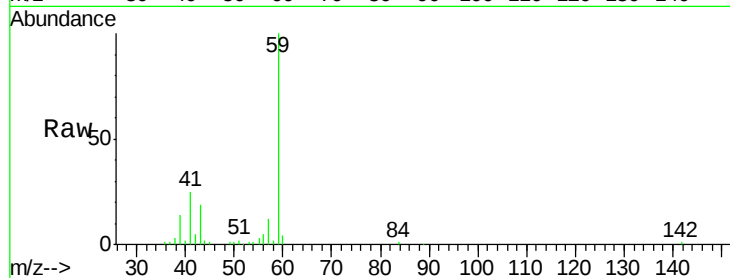


#11

Tert butyl alcohol
 Concen: 213.809 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

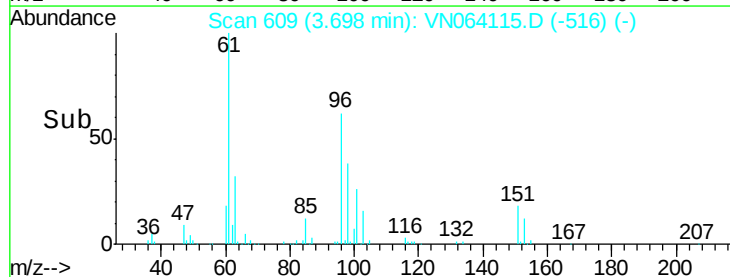
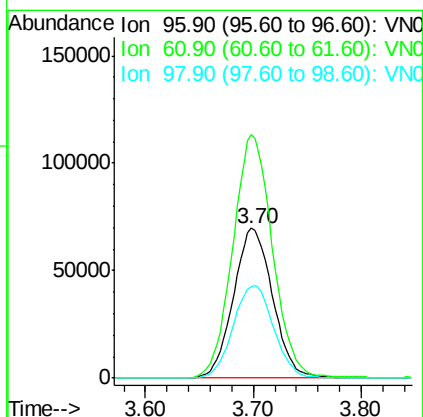
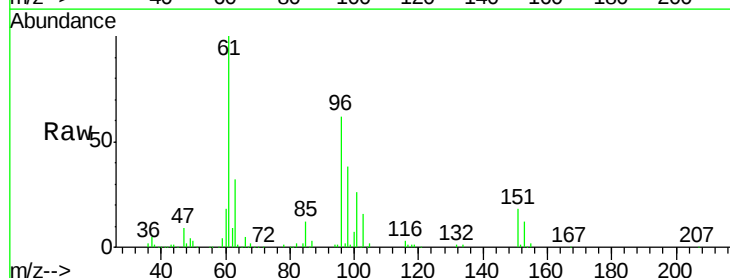
Tgt Ion: 59 Resp: 138784
 Ion Ratio Lower Upper
 59 100
 57 11.1 8.9 13.3

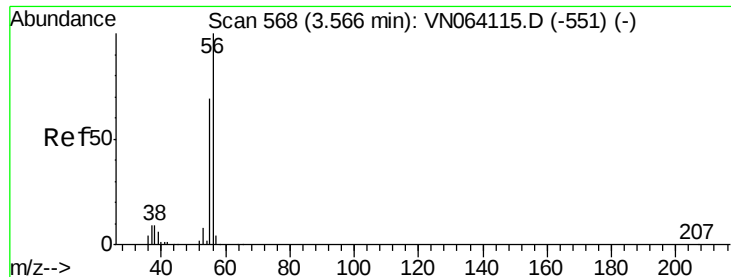


#12

1,1-Dichloroethene
 Concen: 47.048 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 96 Resp: 174846
 Ion Ratio Lower Upper
 96 100
 61 162.4 129.9 194.9
 98 61.1 48.9 73.3





#13

Acrolein

Concen: 281.488 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

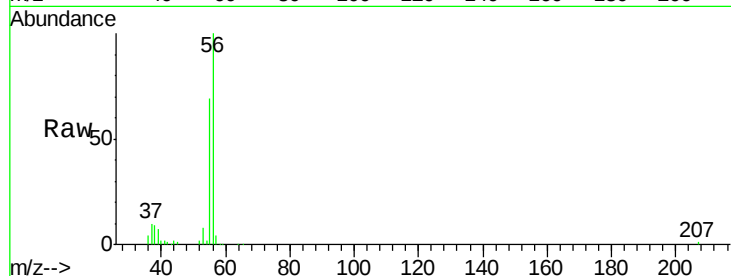
VSTDICCC050

Tgt Ion: 56 Resp: 119247

Ion Ratio Lower Upper

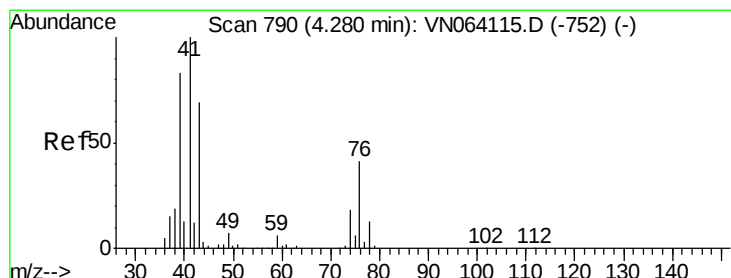
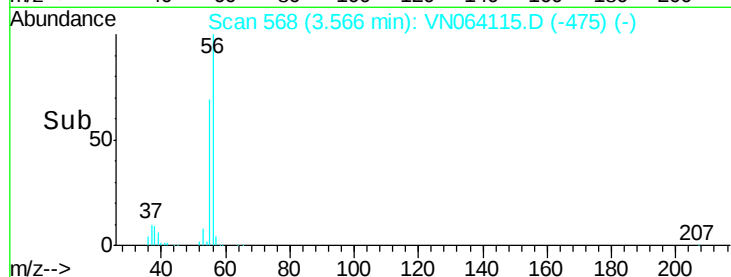
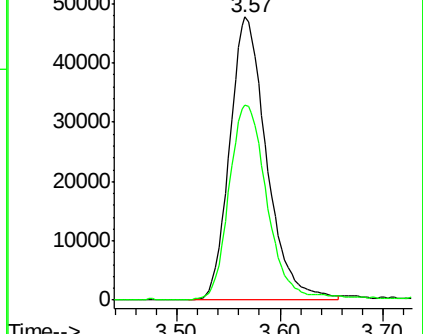
56 100

55 69.7 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 41.133 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

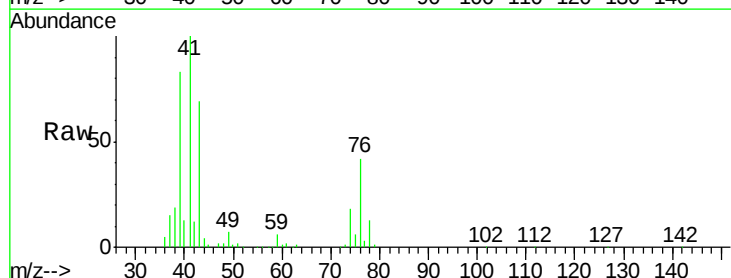
Tgt Ion: 41 Resp: 275609

Ion Ratio Lower Upper

41 100

39 75.6 60.5 90.7

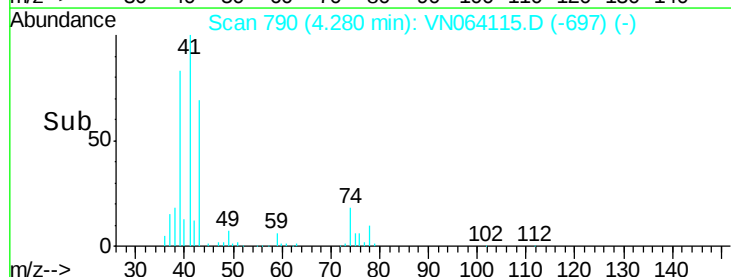
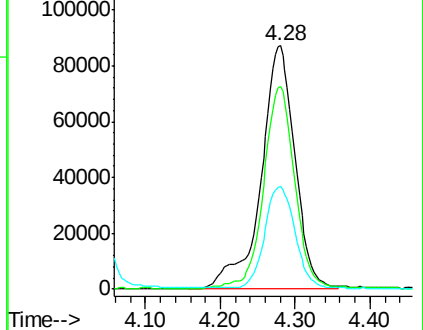
76 36.9 29.5 44.3

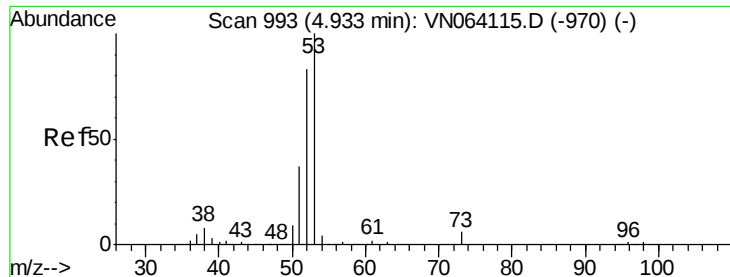


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

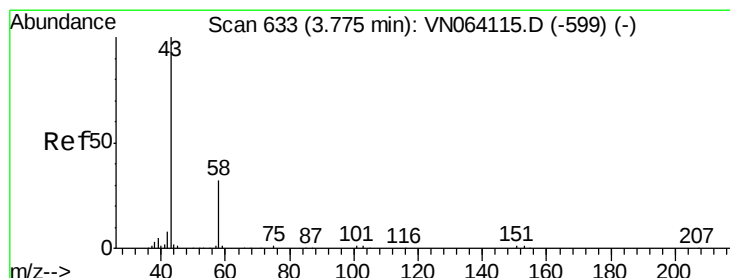
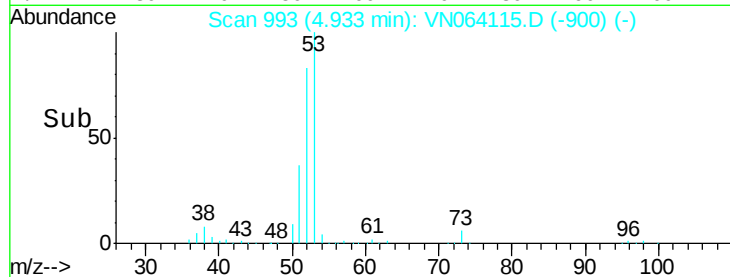
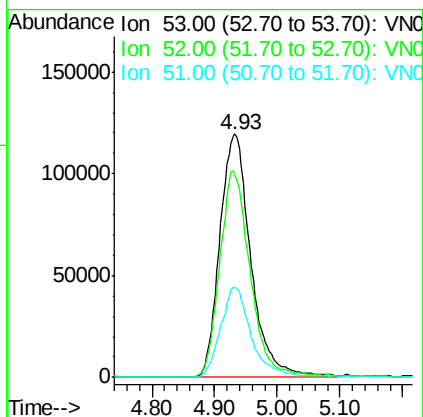
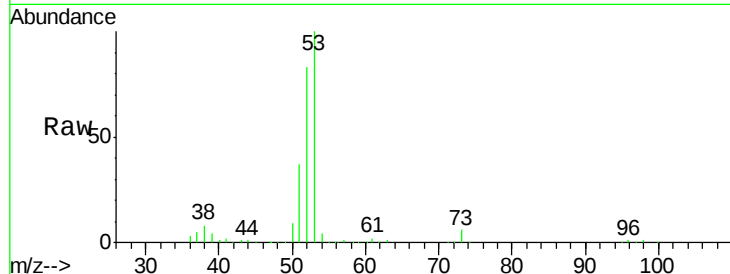




#15
 Acrylonitrile
 Concen: 218.080 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

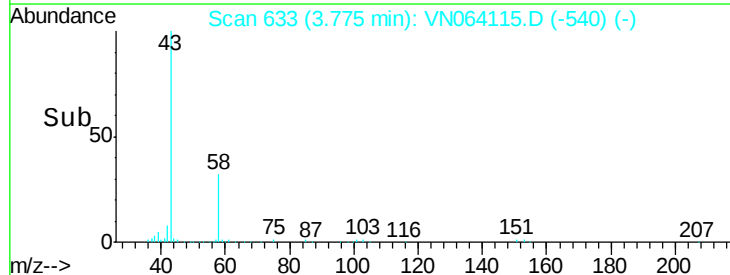
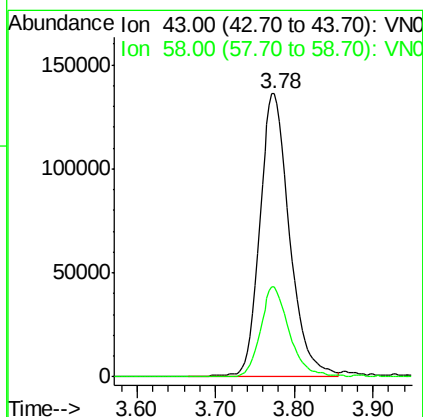
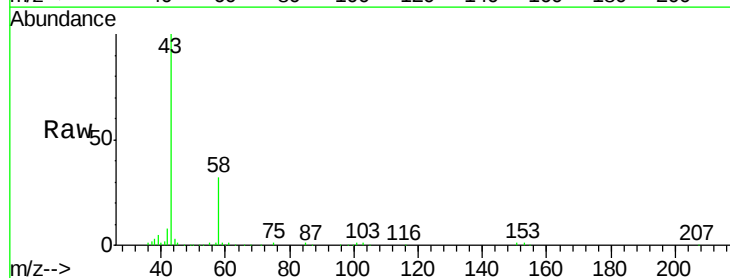
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

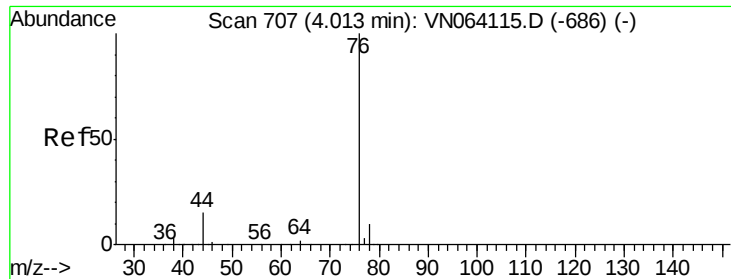
Tgt Ion: 53 Resp: 409855
 Ion Ratio Lower Upper
 53 100
 52 82.2 65.8 98.6
 51 36.8 29.4 44.2



#16
 Acetone
 Concen: 200.613 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 43 Resp: 364374
 Ion Ratio Lower Upper
 43 100
 58 31.5 25.2 37.8

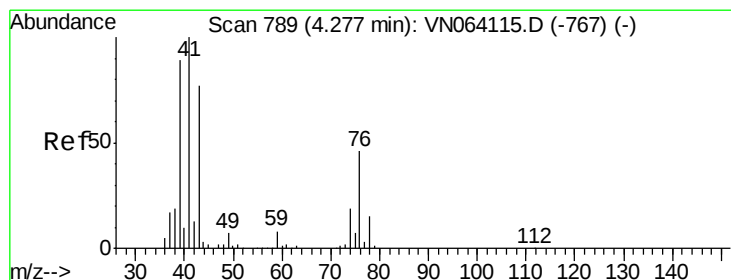
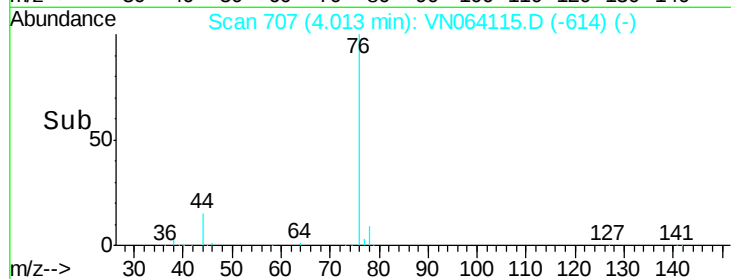
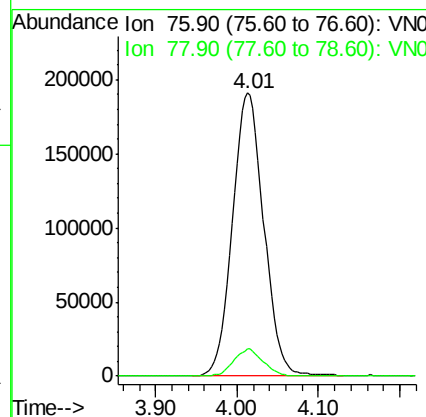
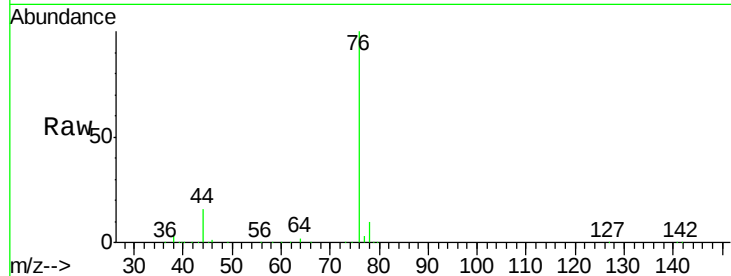




#17
Carbon Disulfide
Concen: 46.980 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

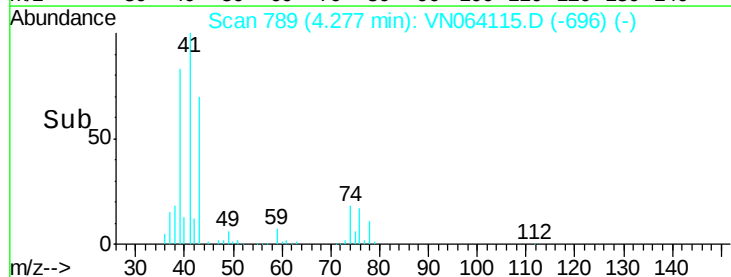
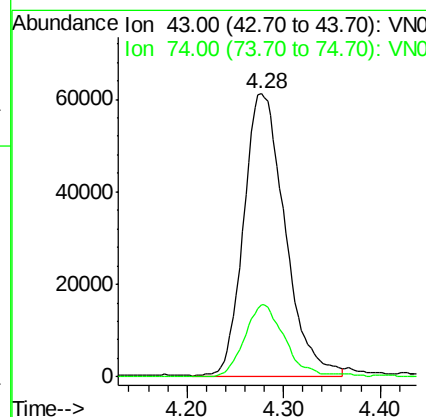
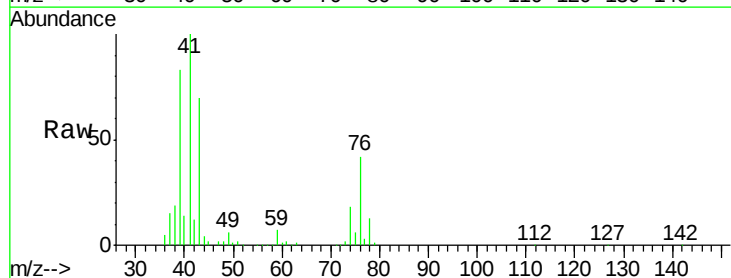
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

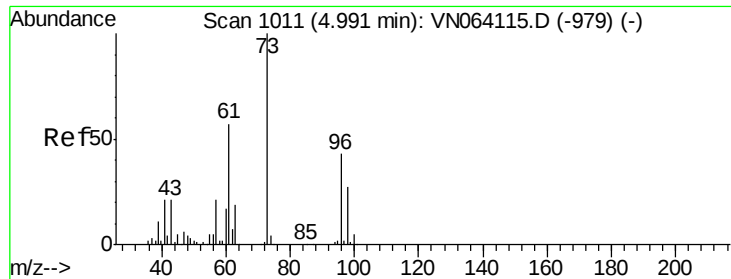
Tgt Ion: 76 Resp: 512127
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 38.367 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 43 Resp: 180657
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5



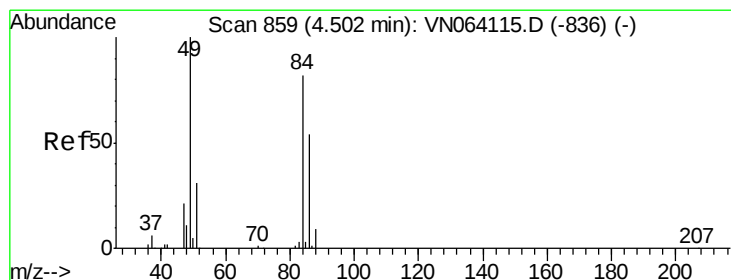
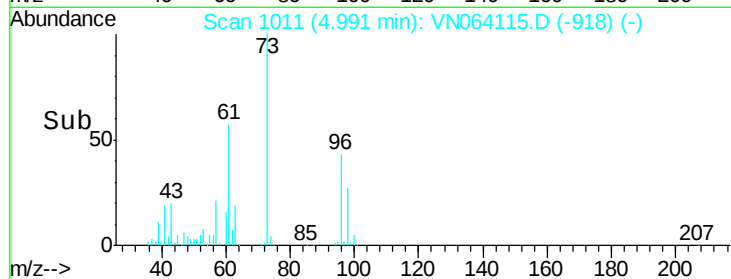
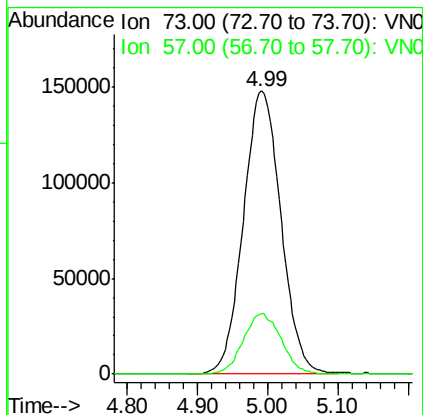
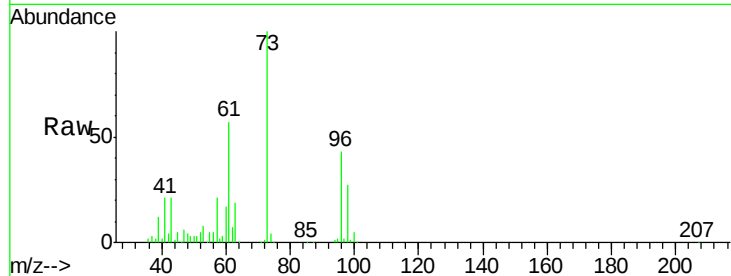


#19

Methyl tert-butyl Ether
 Concen: 41.948 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

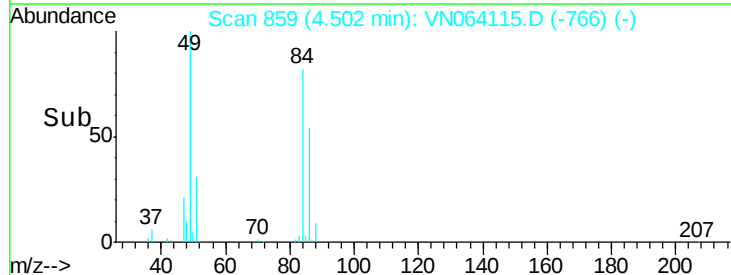
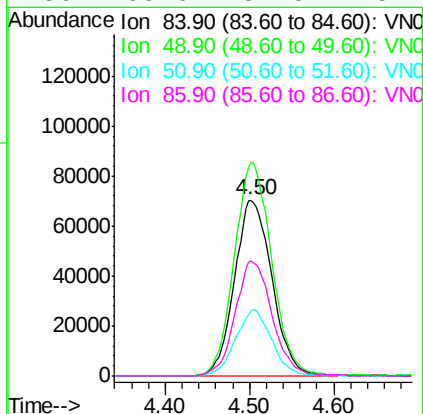
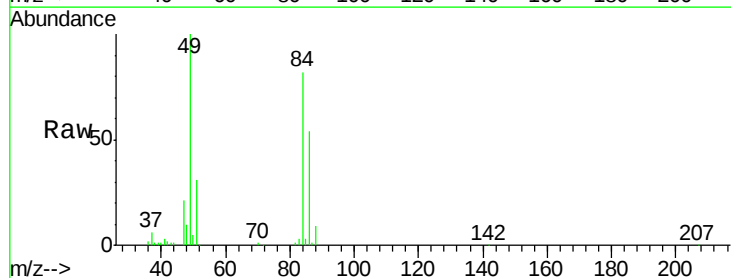
Tgt Ion: 73 Resp: 549947
 Ion Ratio Lower Upper
 73 100
 57 21.2 17.0 25.4

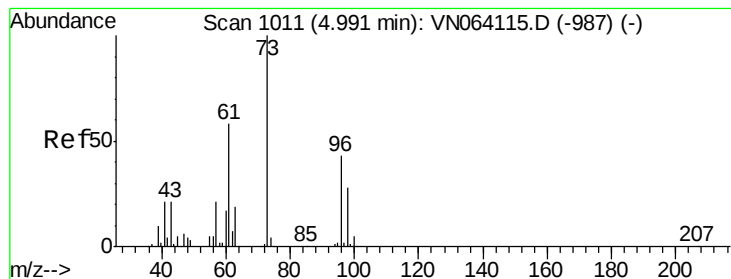


#20

Methylene Chloride
 Concen: 46.697 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 84 Resp: 217826
 Ion Ratio Lower Upper
 84 100
 49 121.7 97.4 146.0
 51 37.1 29.7 44.5
 86 65.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.548 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

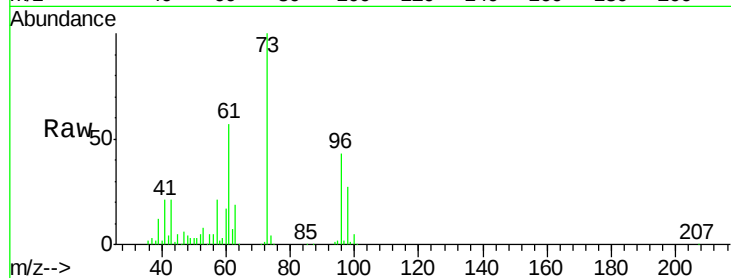
Tgt Ion: 96 Resp: 203398

Ion Ratio Lower Upper

96 100

61 133.7 107.0 160.4

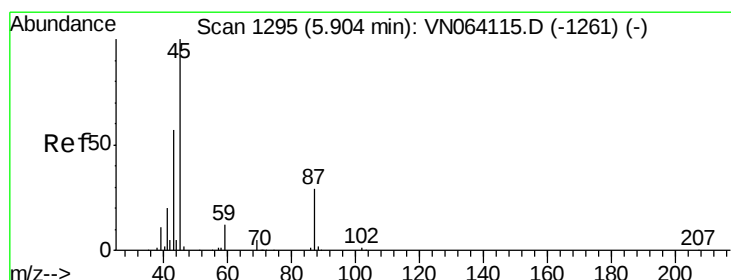
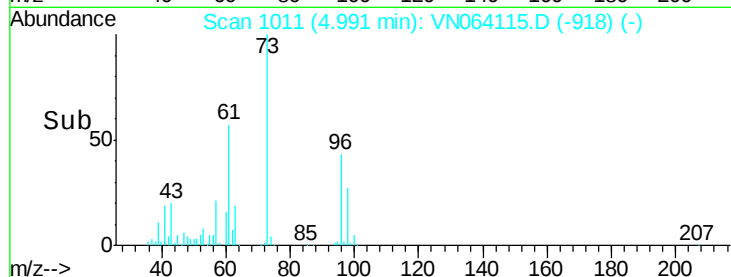
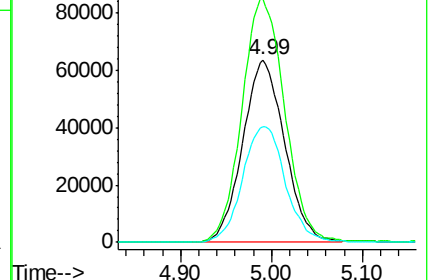
98 63.8 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN064115.D (-987) (-)

Ion 60.90 (60.60 to 61.60): VN064115.D (-987) (-)

Ion 97.90 (97.60 to 98.60): VN064115.D (-987) (-)



#22

Diisopropyl ether

Concen: 41.349 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion: 45 Resp: 568458

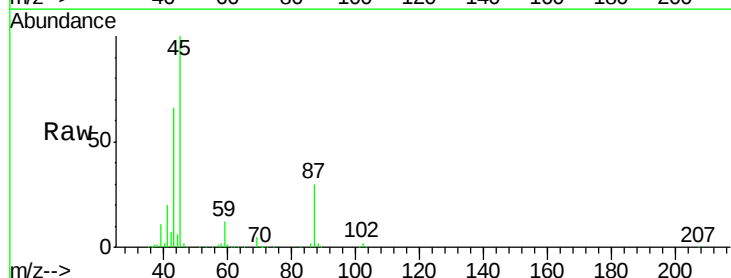
Ion Ratio Lower Upper

45 100

43 63.6 50.9 76.3

87 29.4 23.5 35.3

59 11.8 9.4 14.2

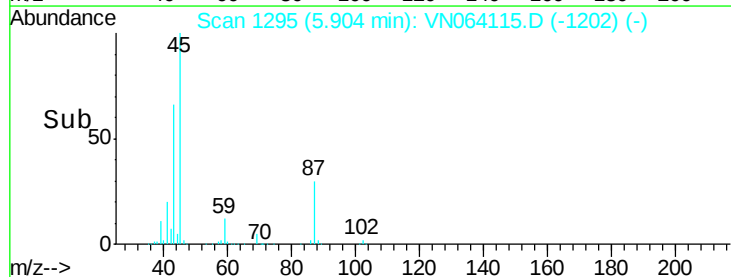
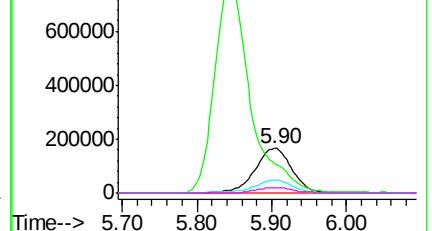


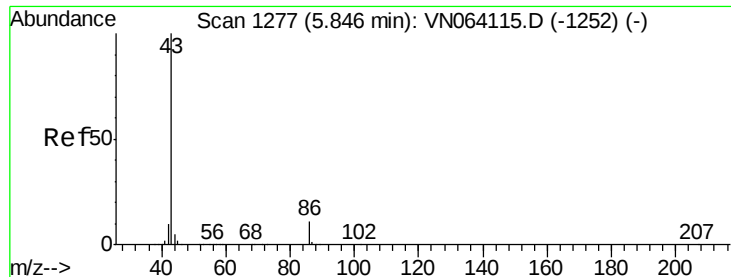
Abundance Ion 45.00 (44.70 to 45.70): VN064115.D (-1261) (-)

Ion 43.00 (42.70 to 43.70): VN064115.D (-1261) (-)

Ion 87.00 (86.70 to 87.70): VN064115.D (-1261) (-)

Ion 59.00 (58.70 to 59.70): VN064115.D (-1261) (-)





#23

Vinyl Acetate

Concen: 228.018 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

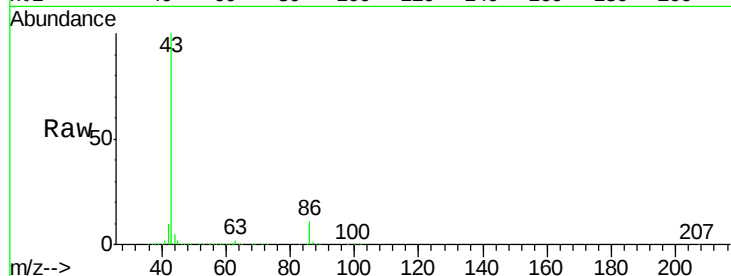
VSTDICCC050

Tgt Ion: 43 Resp: 262357

Ion Ratio Lower Upper

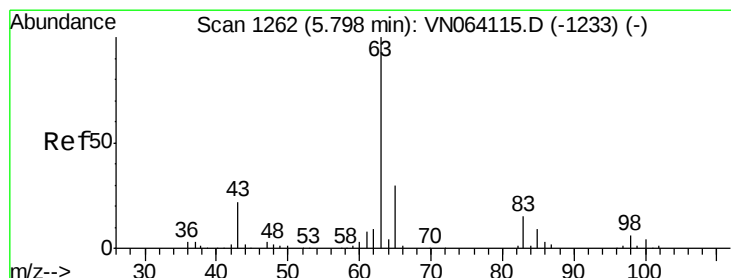
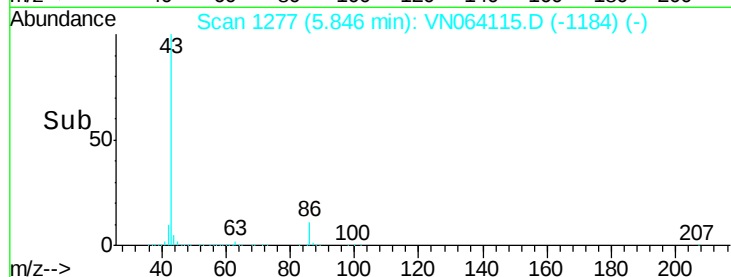
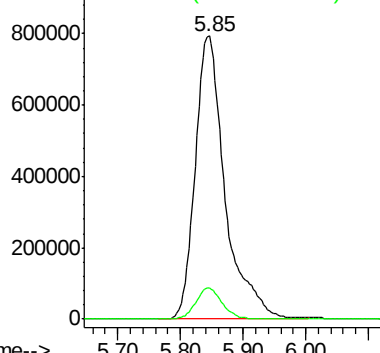
43 100

86 11.0 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.630 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

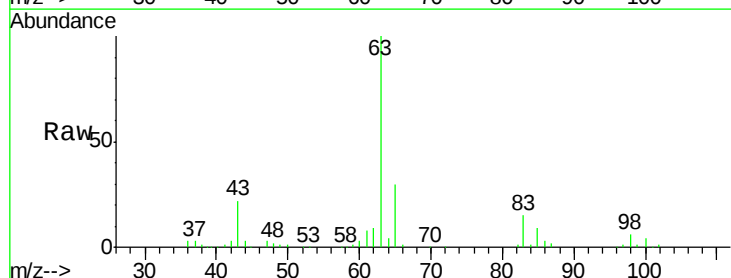
Tgt Ion: 63 Resp: 375437

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

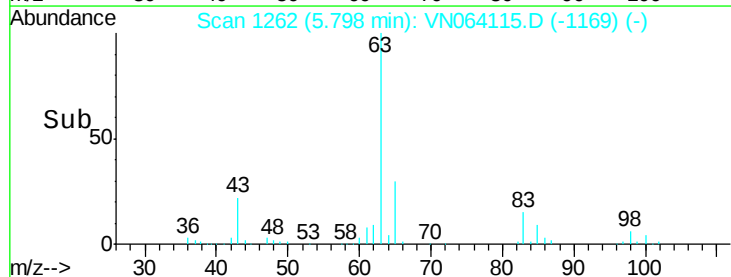
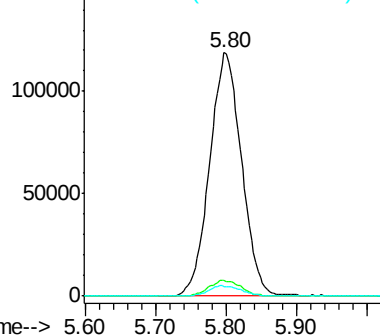
100 4.1 2.1 6.2

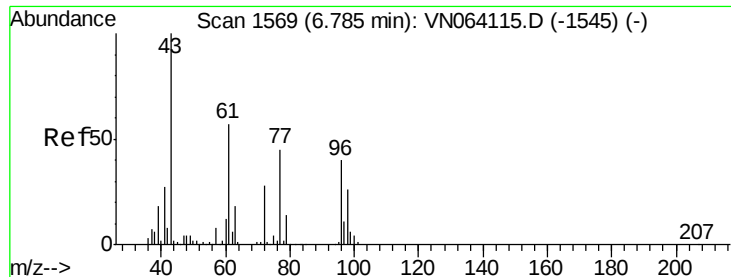


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

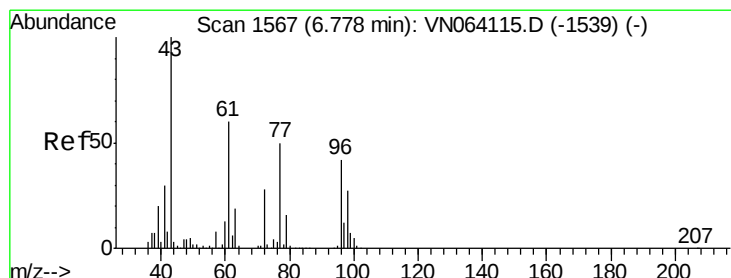
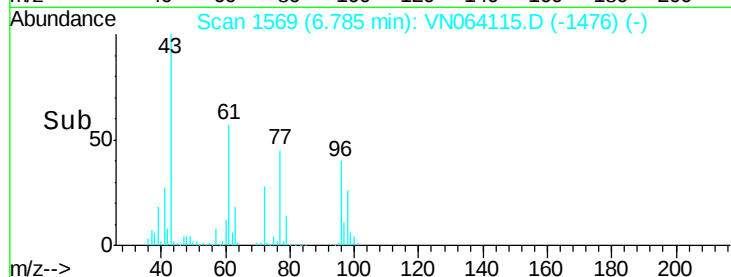
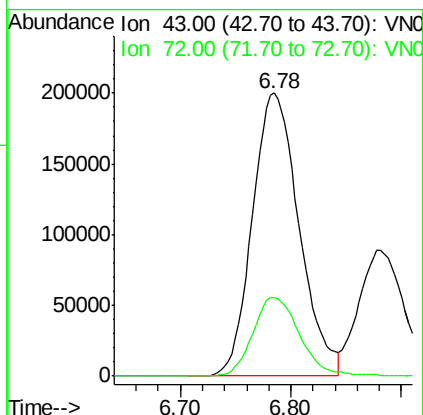
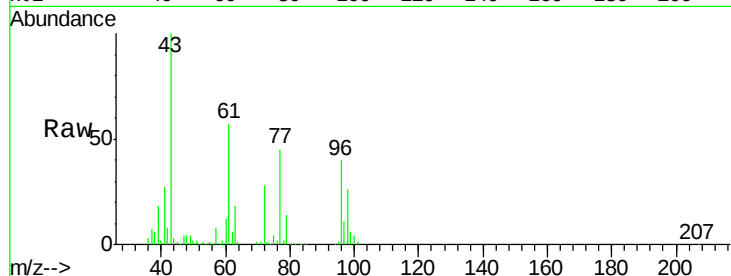




#25
2-Butanone
Concen: 225.488 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

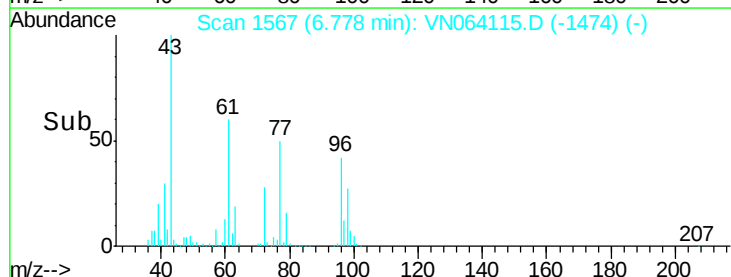
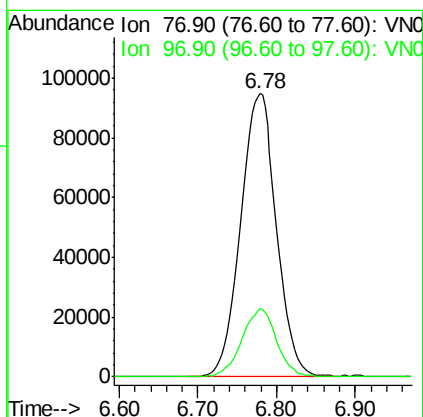
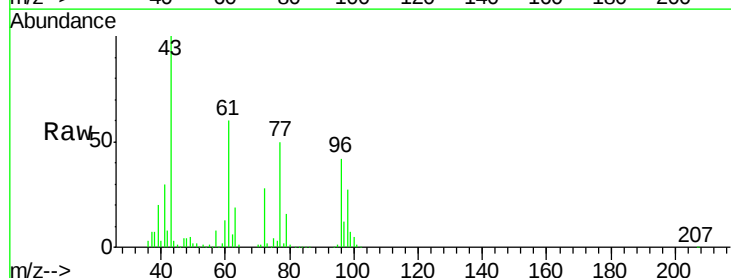
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

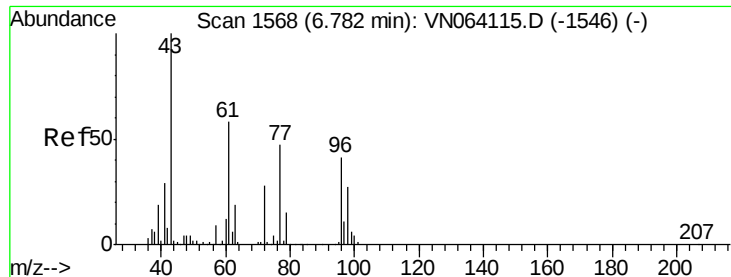
Tgt Ion: 43 Resp: 586331
Ion Ratio Lower Upper
43 100
72 27.7 22.2 33.2



#26
2,2-Dichloropropane
Concen: 41.726 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 77 Resp: 302510
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.399 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

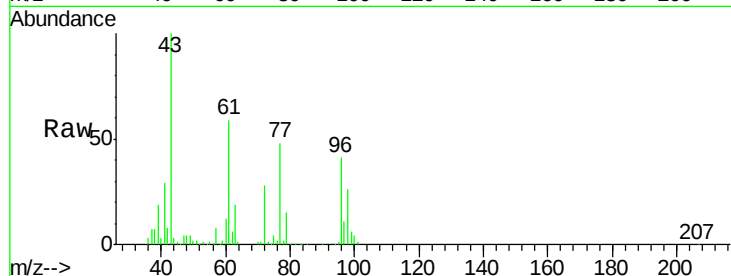
Tgt Ion: 96 Resp: 237641

Ion Ratio Lower Upper

96 100

61 142.8 0.0 285.6

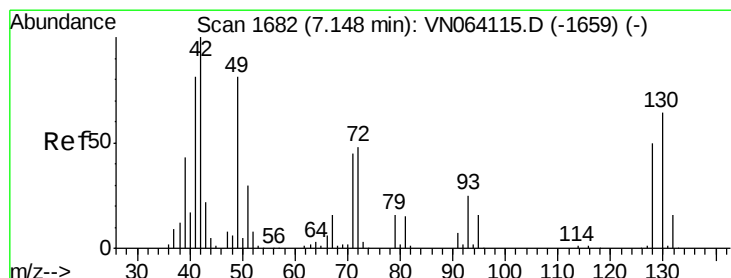
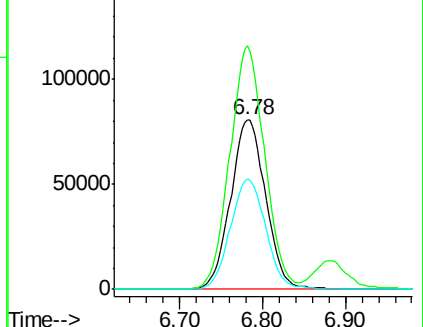
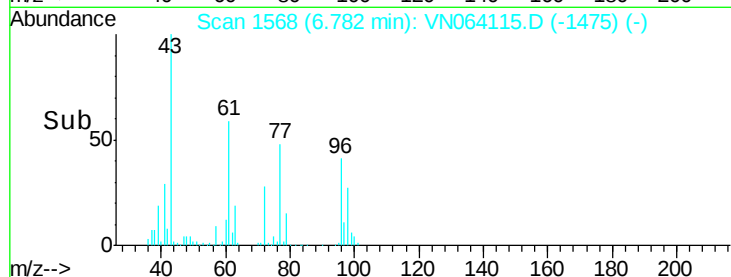
98 65.5 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064115.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064115.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064115.D (-1546) (-)



#28

Bromochloromethane

Concen: 43.876 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

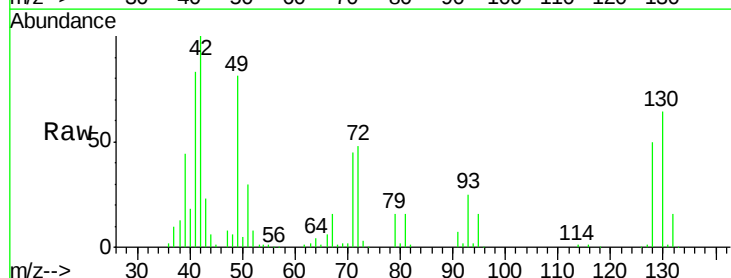
Tgt Ion: 49 Resp: 171801

Ion Ratio Lower Upper

49 100

129 1.0 0.0 2.0

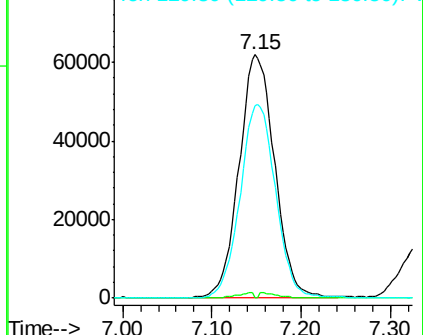
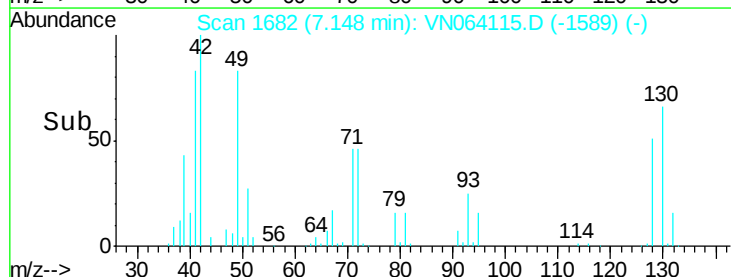
130 0.0 0.0 0.0

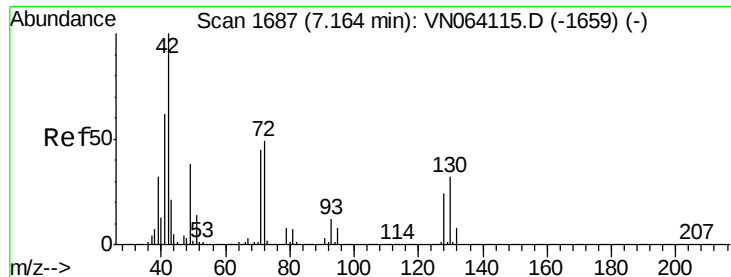


Abundance Ion 48.90 (48.60 to 49.60): VN064115.D (-1659) (-)

Ion 128.80 (128.50 to 129.50): VN064115.D (-1659) (-)

Ion 129.80 (129.50 to 130.50): VN064115.D (-1659) (-)

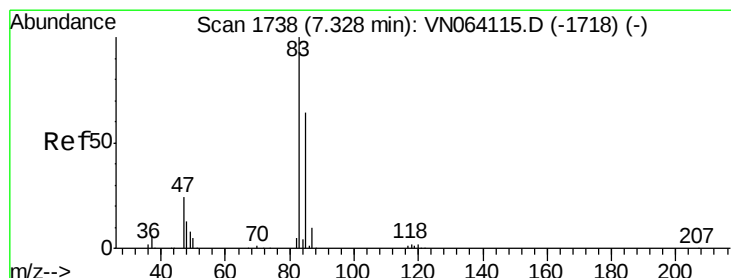
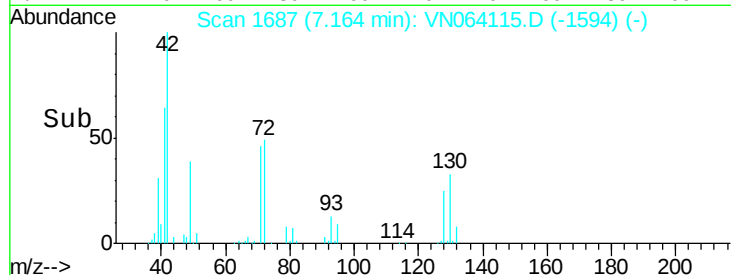
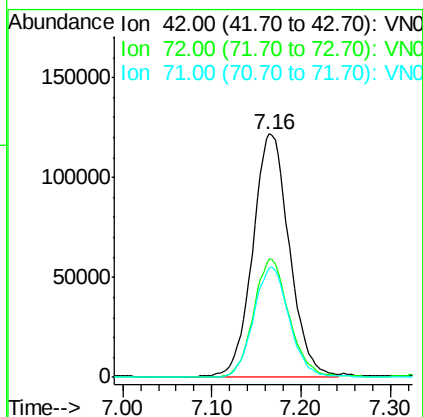
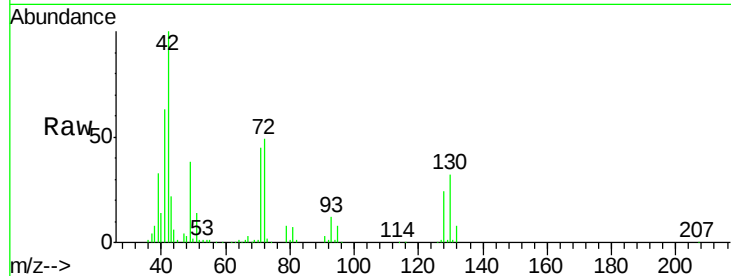




#29
Tetrahydrofuran
Concen: 203.244 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

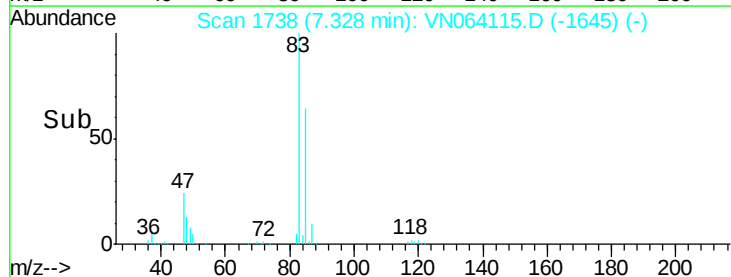
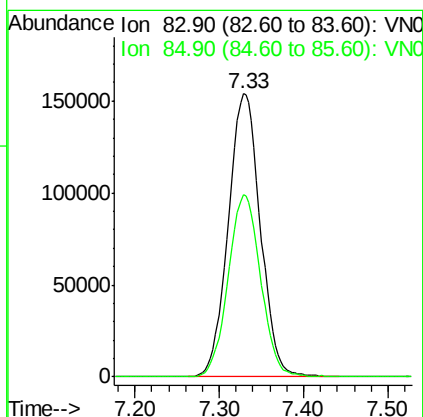
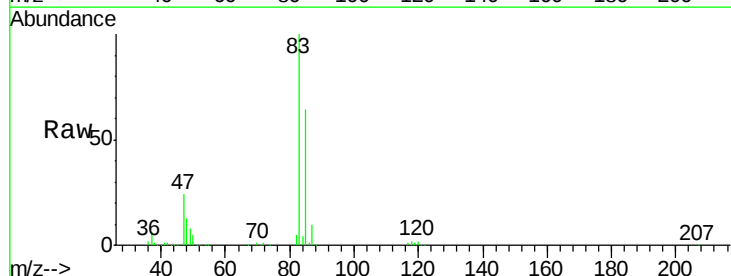
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

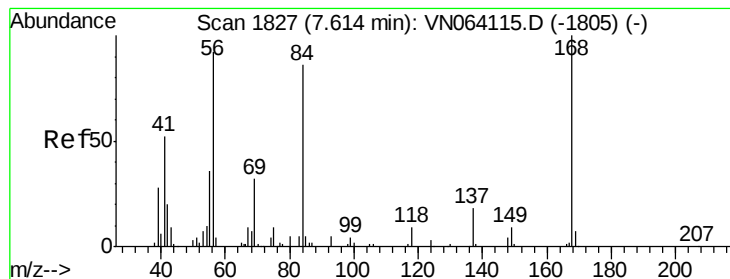
Tgt Ion: 42 Resp: 349486
Ion Ratio Lower Upper
42 100
72 47.2 37.8 56.6
71 44.1 35.3 52.9



#30
Chloroform
Concen: 48.034 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 83 Resp: 405736
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 39.531 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

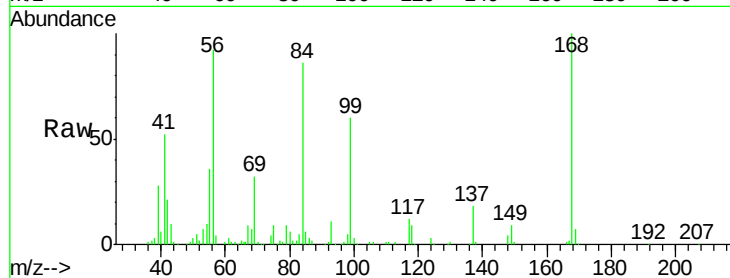
Tgt Ion: 56 Resp: 270783

Ion Ratio Lower Upper

56 100

69 34.7 27.8 41.6

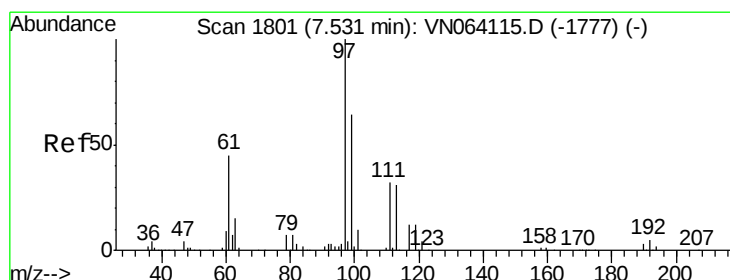
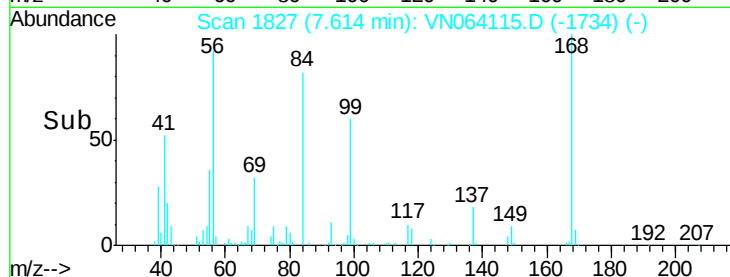
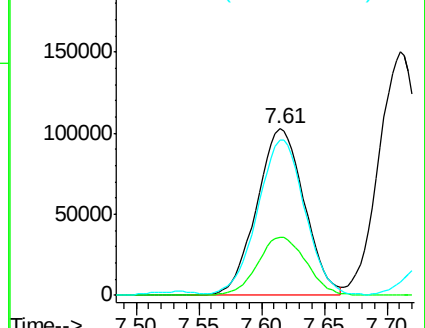
84 91.5 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN064115.D (-1805) (-)

Ion 69.00 (68.70 to 69.70): VN064115.D (-1805) (-)

Ion 84.00 (83.70 to 84.70): VN064115.D (-1805) (-)



#32

1,1,1-Trichloroethane

Concen: 47.284 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

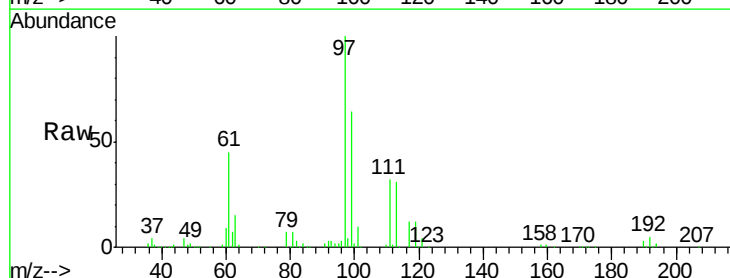
Tgt Ion: 97 Resp: 357406

Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

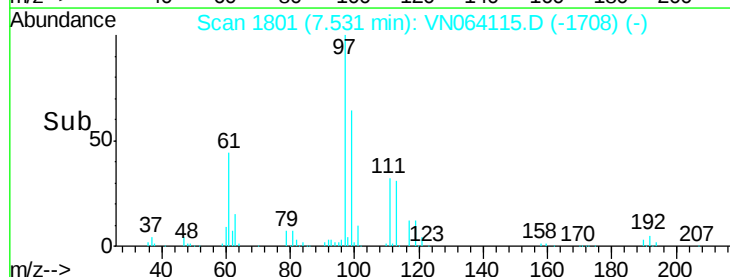
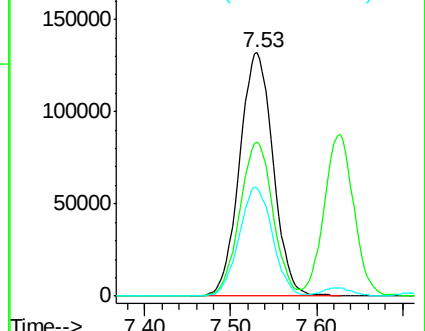
61 44.5 35.6 53.4

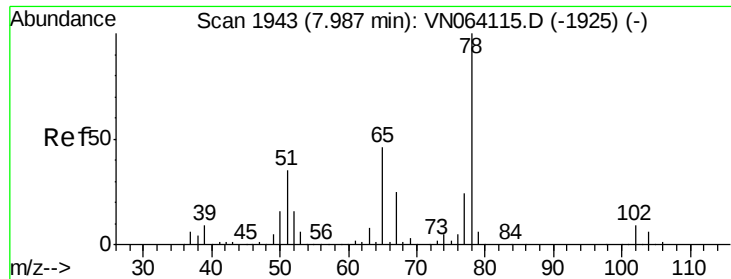


Abundance Ion 96.90 (96.60 to 97.60): VN064115.D (-1777) (-)

Ion 98.90 (98.60 to 99.60): VN064115.D (-1777) (-)

Ion 60.90 (60.60 to 61.60): VN064115.D (-1777) (-)

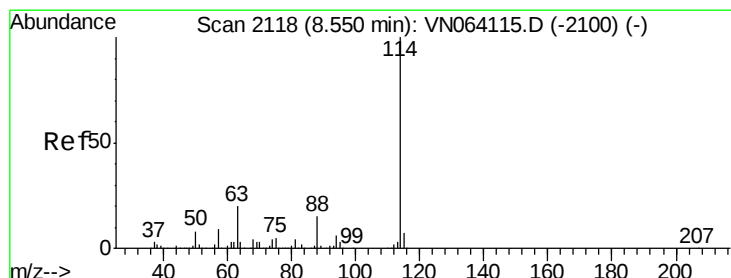
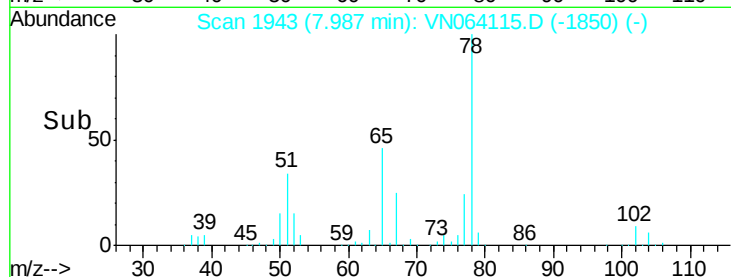
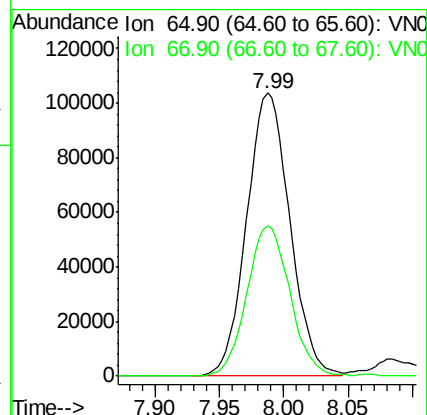
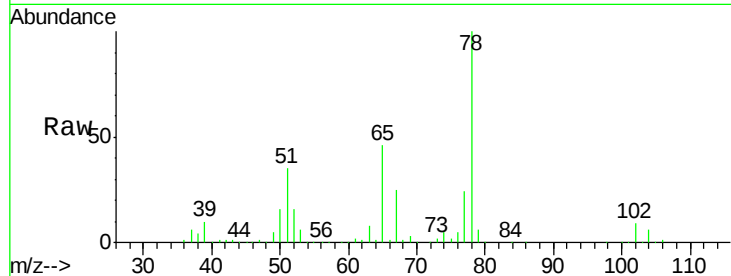




#33
 1,2-Dichloroethane-d4
 Concen: 41.236 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

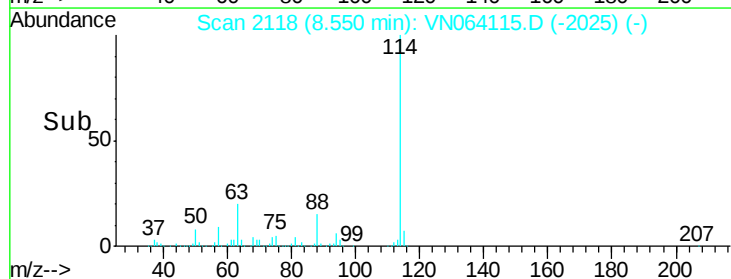
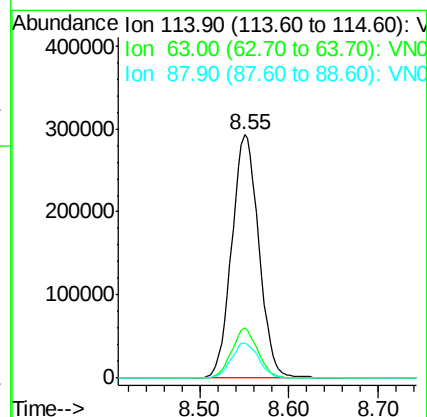
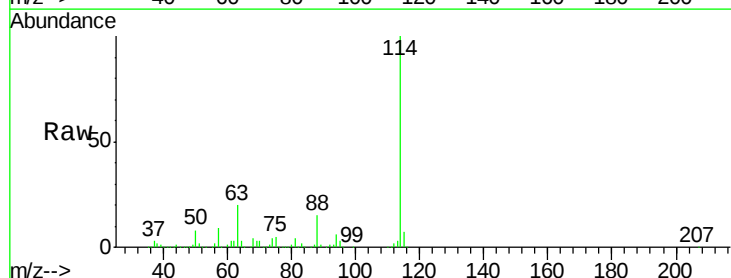
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

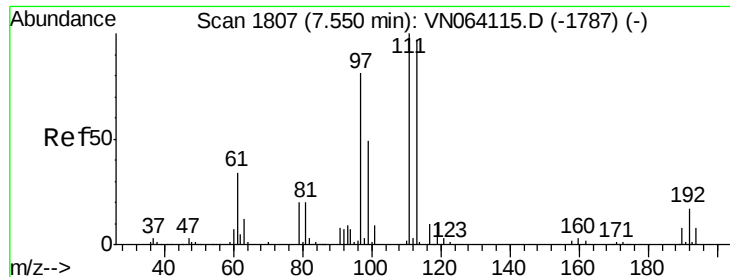
Tgt Ion: 65 Resp: 242444
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 114 Resp: 615271
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 14.6 0.0 29.2

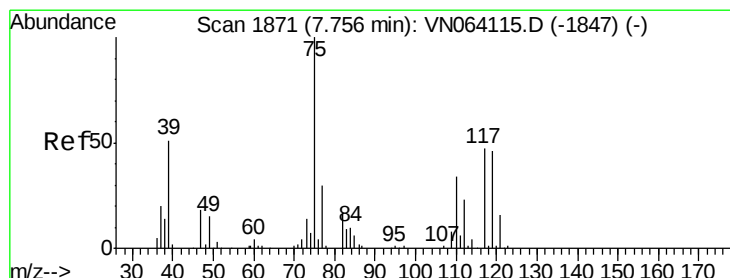
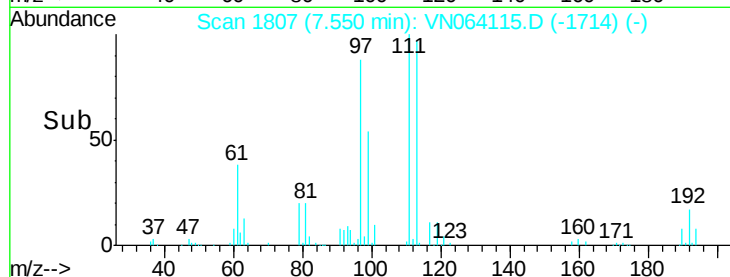
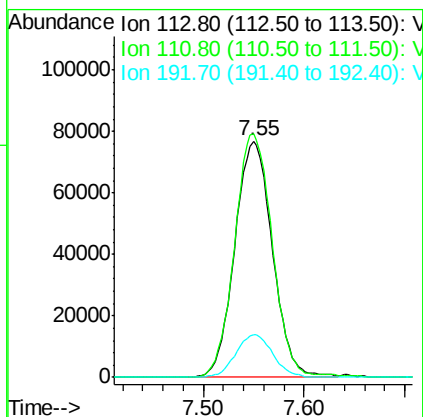
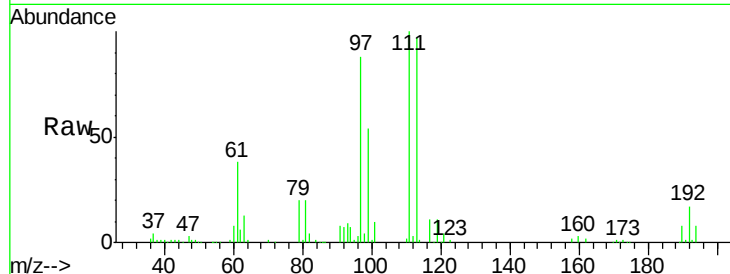




#35
 Dibromofluoromethane
 Concen: 46.933 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

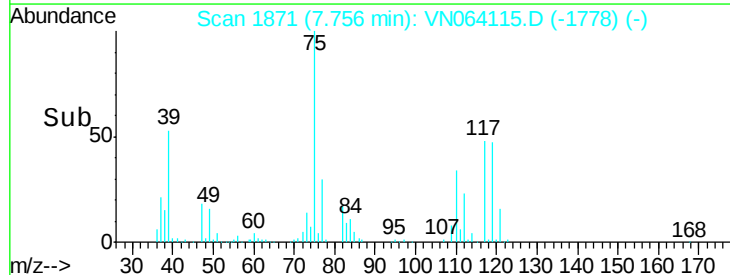
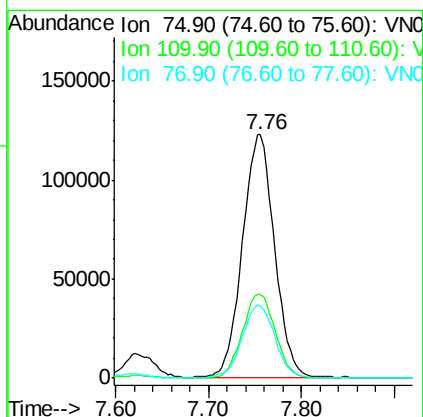
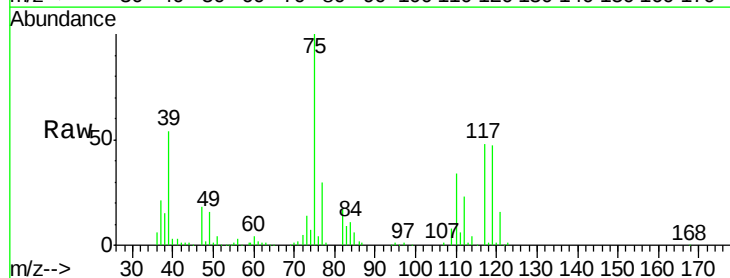
Instrument :
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 ClientSampleId :
 VSTDICCC050

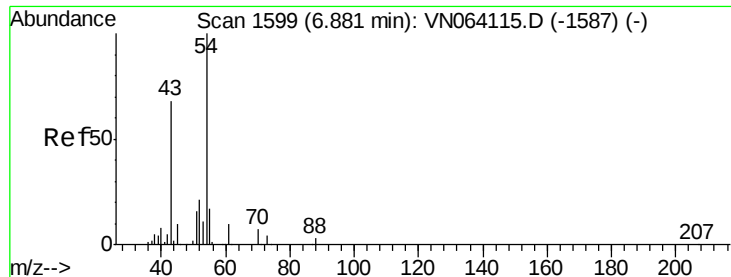
Tgt Ion:113 Resp: 198949
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 17.9 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 47.369 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 75 Resp: 294729
 Ion Ratio Lower Upper
 75 100
 110 35.5 17.8 53.3
 77 31.1 24.9 37.3

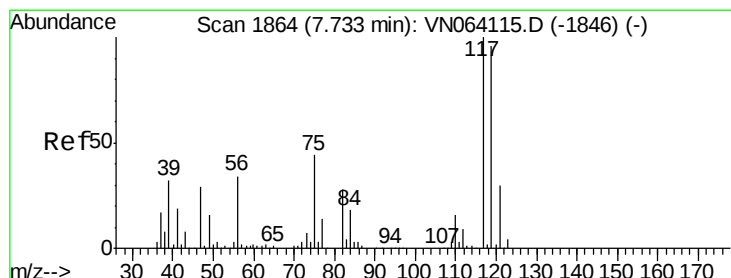
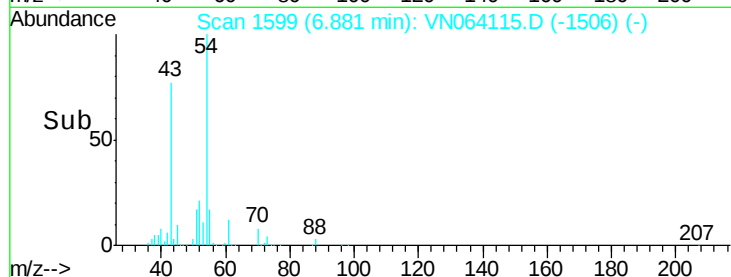
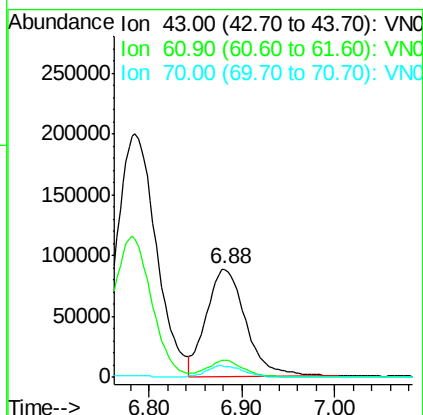
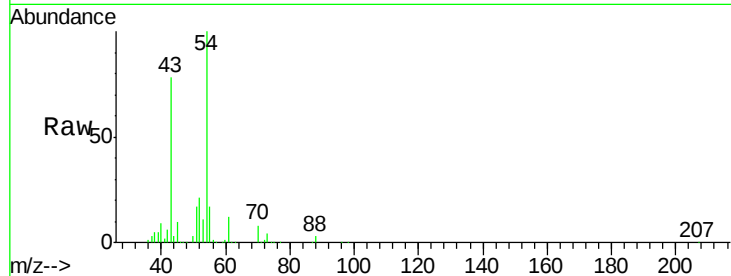




#37
 Ethyl Acetate
 Concen: 42.871 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

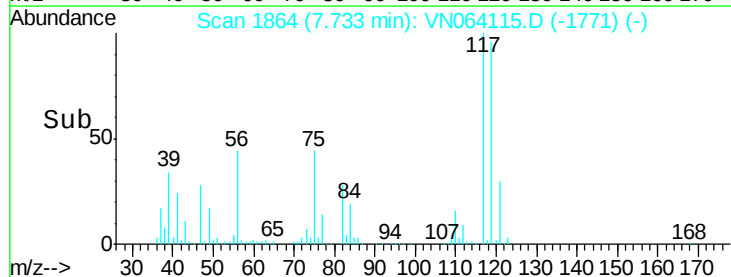
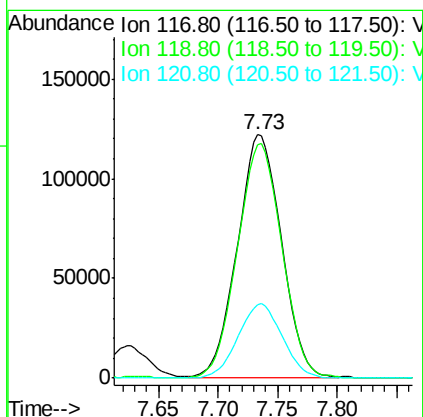
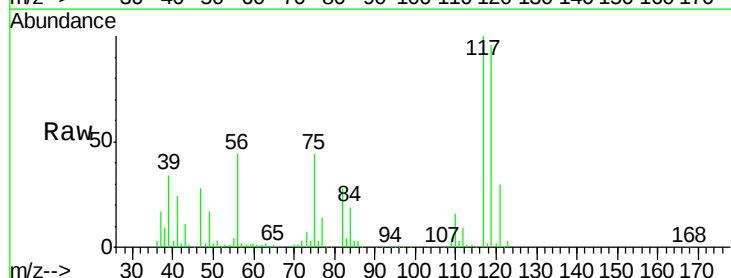
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

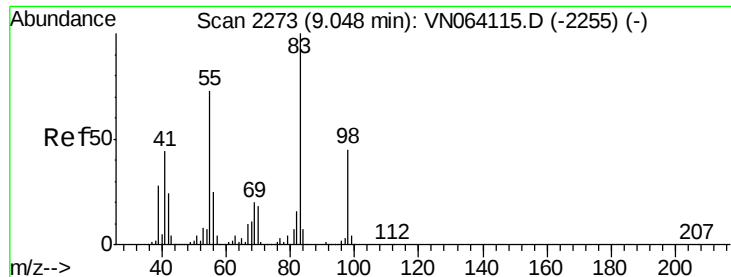
Tgt Ion: 43 Resp: 261404
 Ion Ratio Lower Upper
 43 100
 61 14.1 11.3 16.9
 70 9.6 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 44.871 ug/l
 RT: 7.73 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 117 Resp: 311079
 Ion Ratio Lower Upper
 117 100
 119 96.2 77.0 115.4
 121 30.3 24.2 36.4

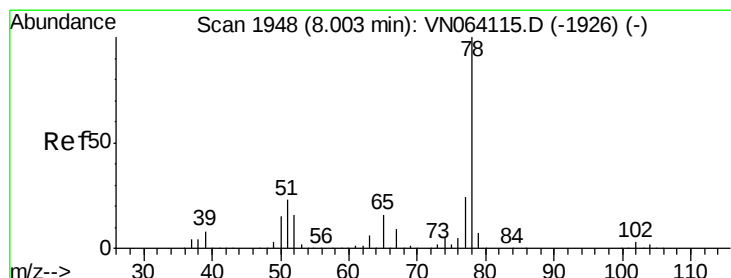
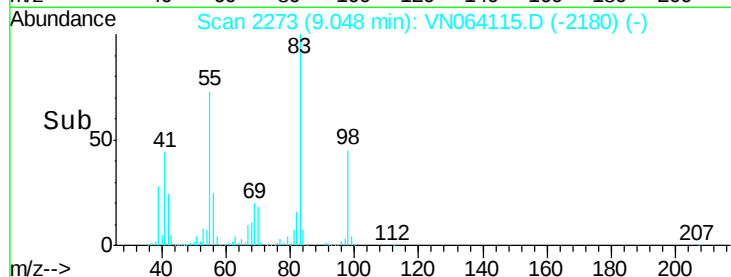
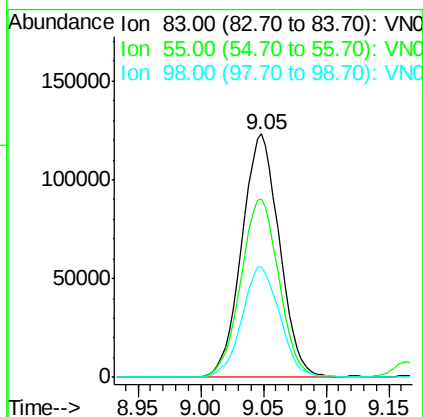
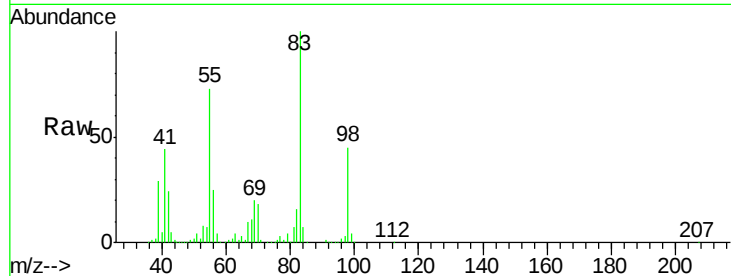




#39
Methylcyclohexane
Concen: 42.422 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

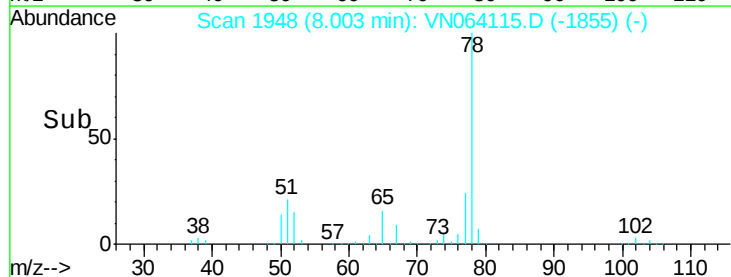
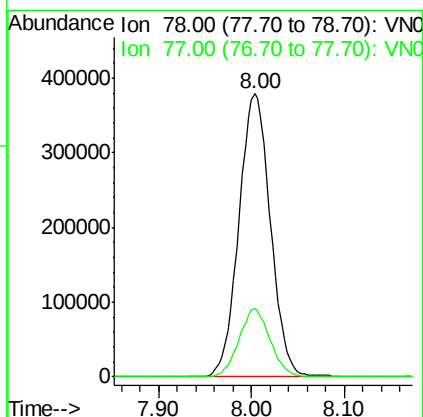
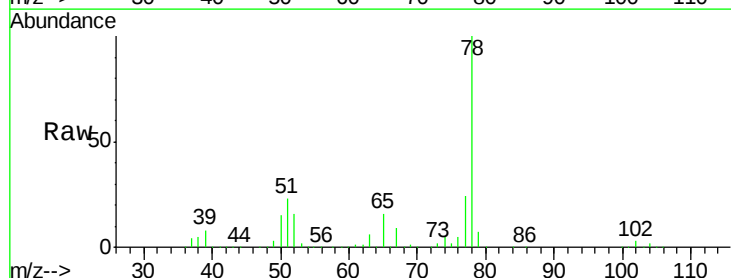
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

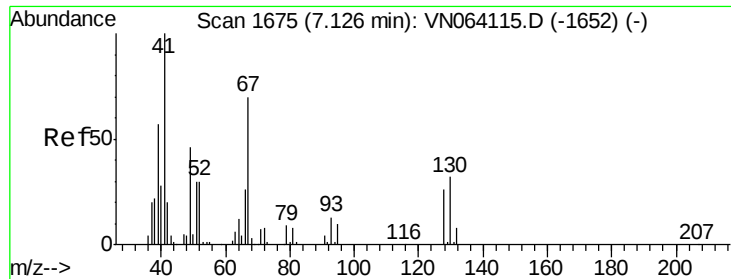
Tgt Ion: 83 Resp: 256825
Ion Ratio Lower Upper
83 100
55 73.1 58.5 87.7
98 45.2 36.2 54.2



#40
Benzene
Concen: 49.809 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 78 Resp: 894193
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

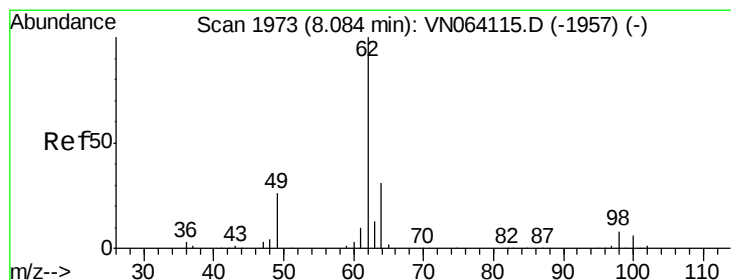
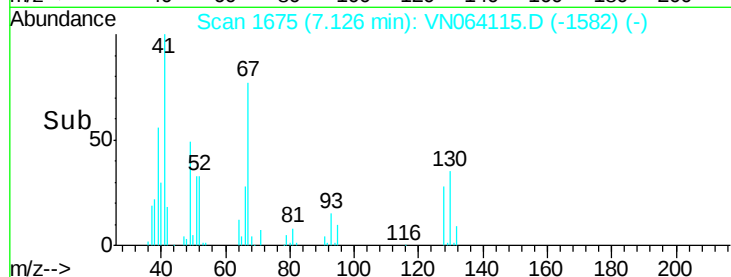
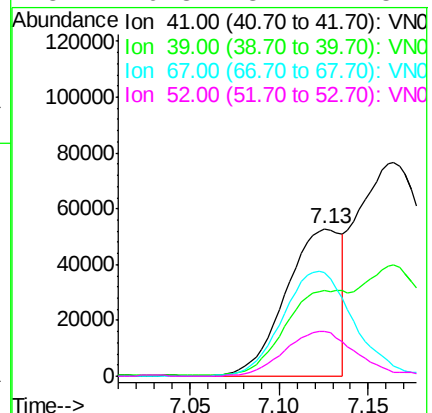
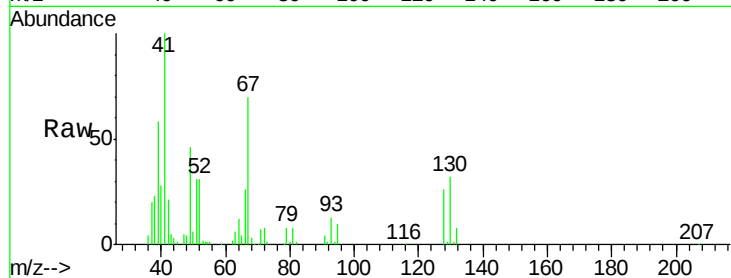




#41
Methacrylonitrile
Concen: 43.182 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

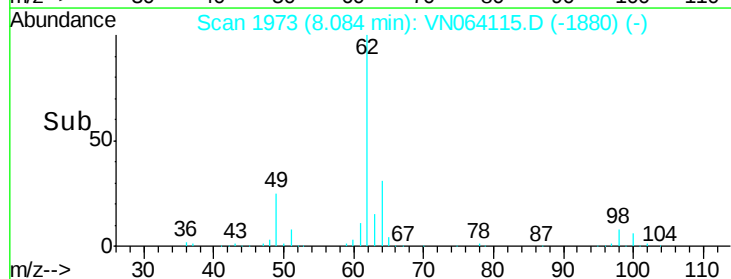
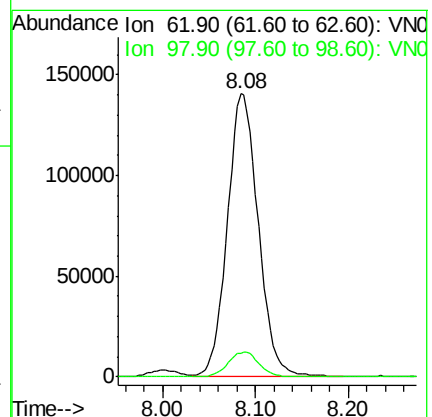
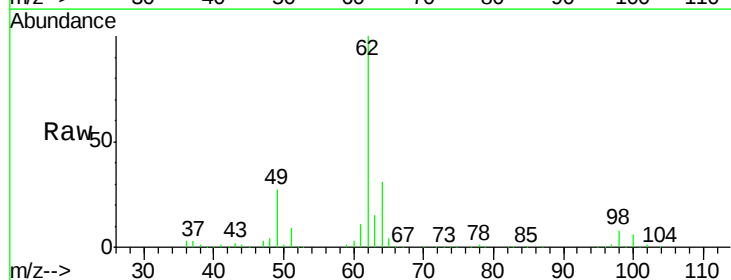
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

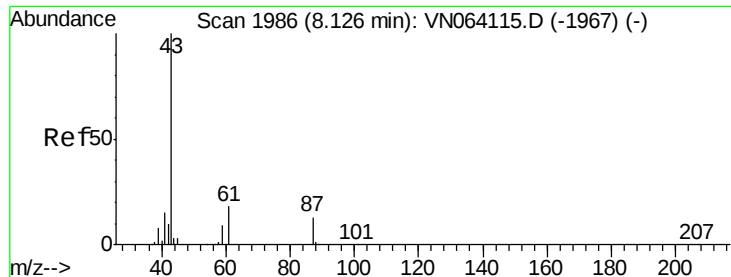
Tgt Ion: 41 Resp: 114196
Ion Ratio Lower Upper
41 100
39 63.4 50.7 76.1
67 92.2 73.8 110.6
52 40.3 32.2 48.4



#42
1,2-Dichloroethane
Concen: 43.354 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 62 Resp: 323442
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6

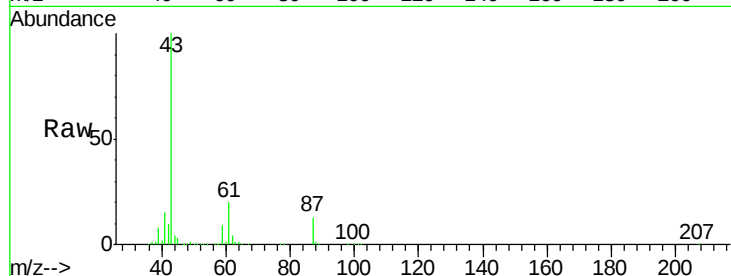




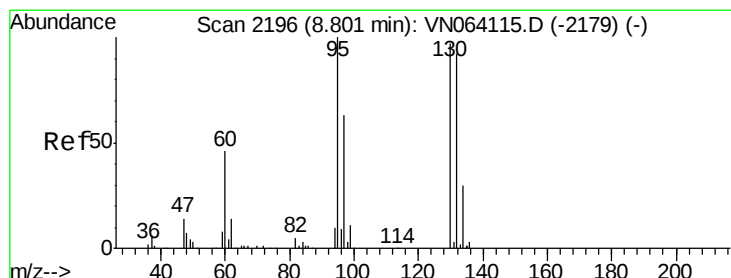
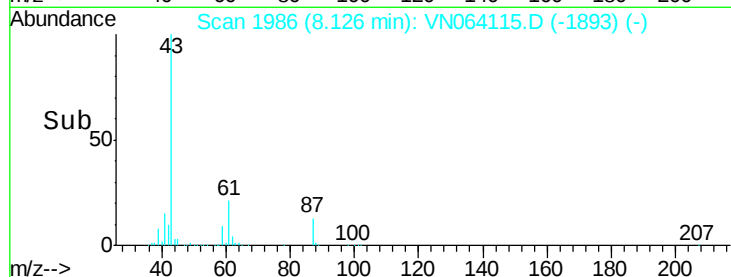
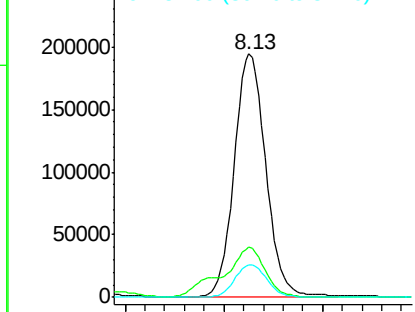
#43
Isopropyl Acetate
Concen: 43.428 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 431422
Ion Ratio Lower Upper
43 100
61 27.4 21.9 32.9
87 13.7 11.0 16.4

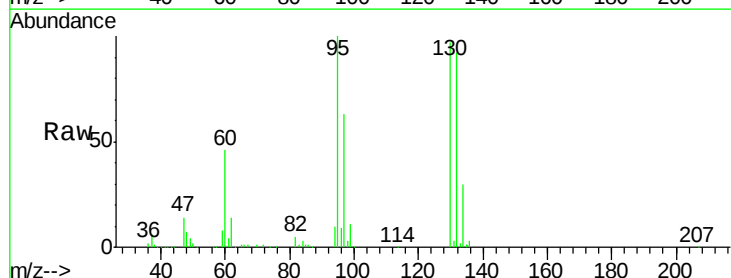


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

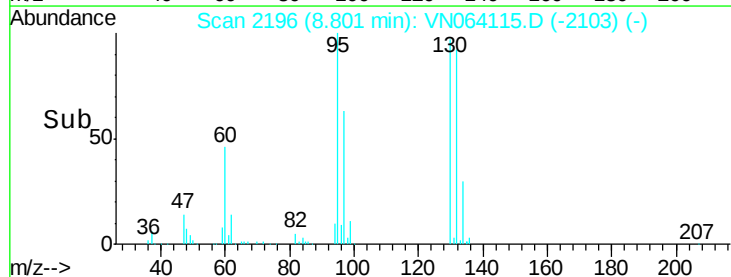
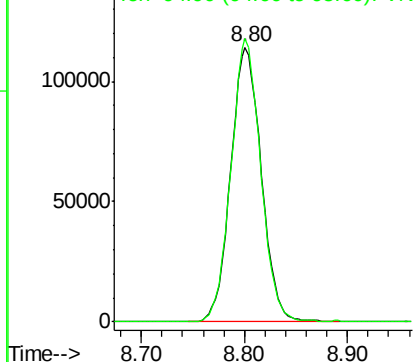


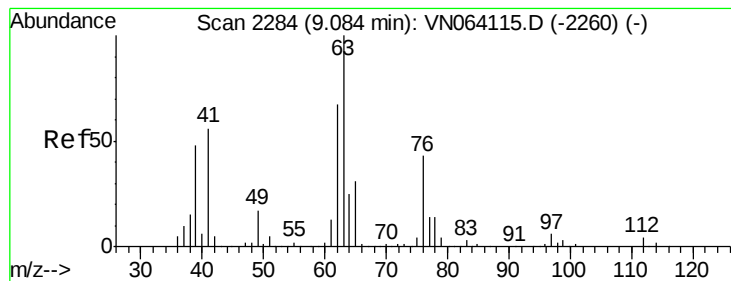
#44
Trichloroethene
Concen: 49.995 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 130 Resp: 235931
Ion Ratio Lower Upper
130 100
95 103.1 0.0 206.2



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





#45

1,2-Dichloropropane

Concen: 48.175 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

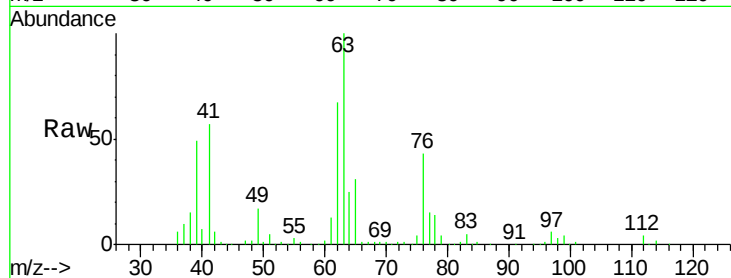
VSTDICCC050

Tgt Ion: 63 Resp: 231352

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN064115.D (-2260) (-)

Ion 64.90 (64.60 to 65.60): VN064115.D (-2260) (-)

9.08

120000

100000

80000

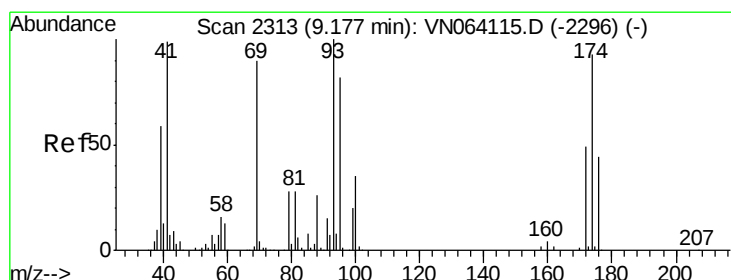
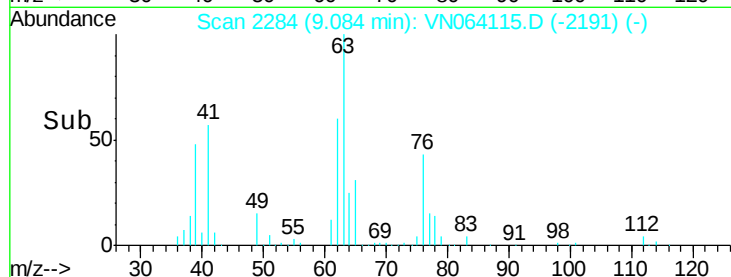
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.774 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

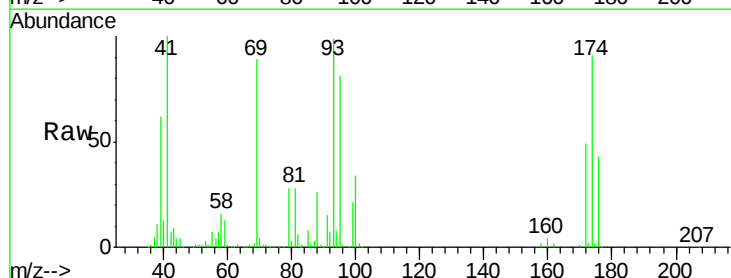
Tgt Ion: 93 Resp: 162464

Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

174 94.0 75.2 112.8



Abundance Ion 92.80 (92.50 to 93.50): VN064115.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN064115.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN064115.D (-2296) (-)

9.18

100000

80000

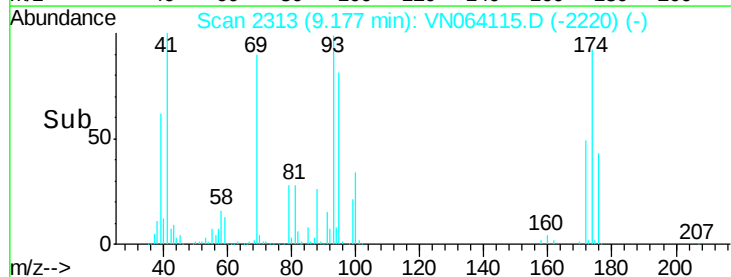
60000

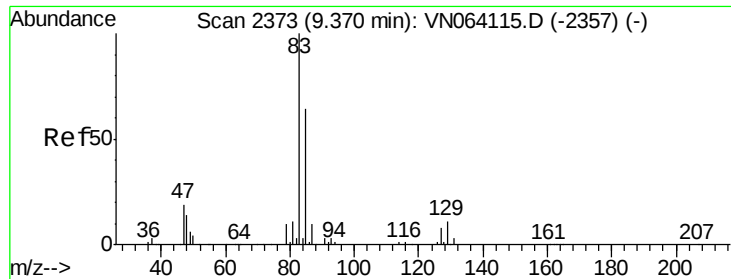
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 48.691 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

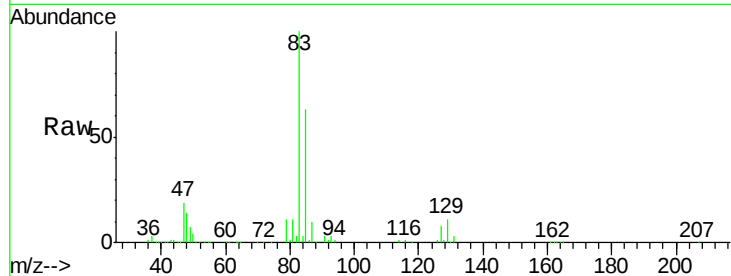
Tgt Ion: 83 Resp: 331908

Ion Ratio Lower Upper

83 100

85 63.5 50.8 76.2

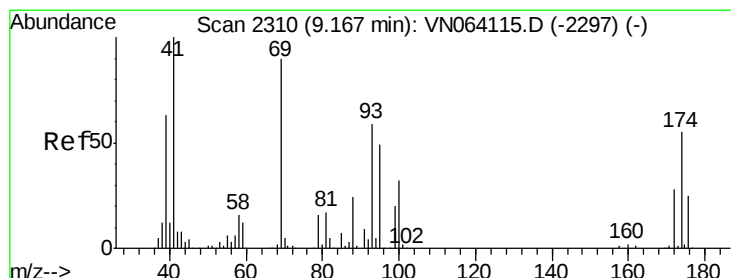
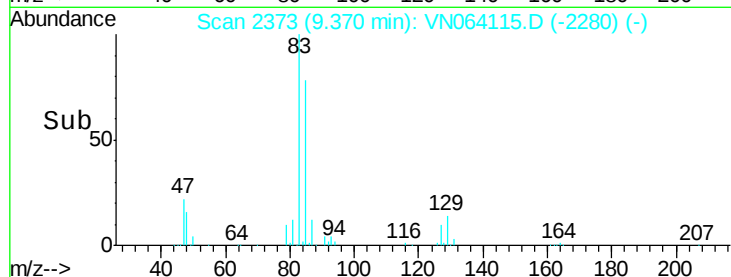
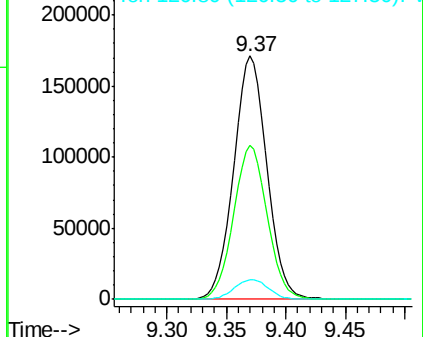
127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064115.D (-2357) (-)

Ion 84.90 (84.60 to 85.60): VN064115.D (-2357) (-)

Ion 126.80 (126.50 to 127.50): VN064115.D (-2357) (-)



#48

Methyl methacrylate

Concen: 42.711 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

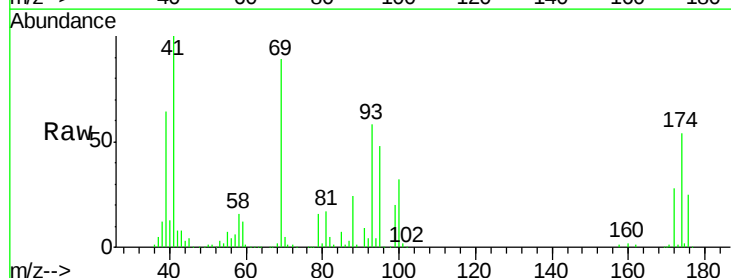
Tgt Ion: 41 Resp: 209933

Ion Ratio Lower Upper

41 100

69 89.3 71.4 107.2

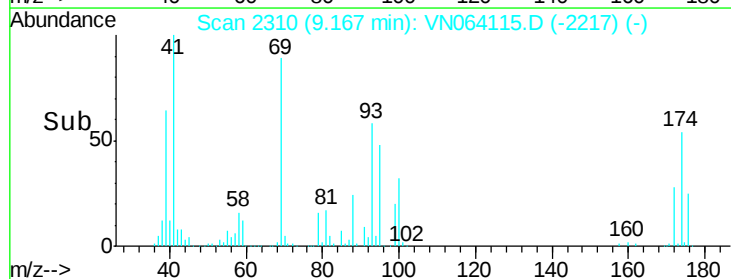
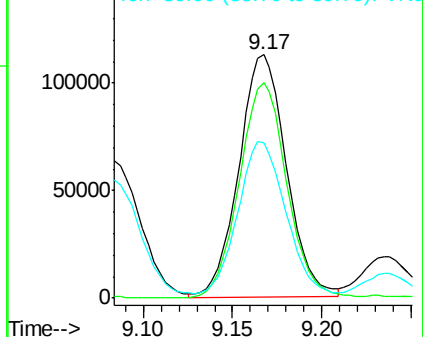
39 65.6 52.5 78.7

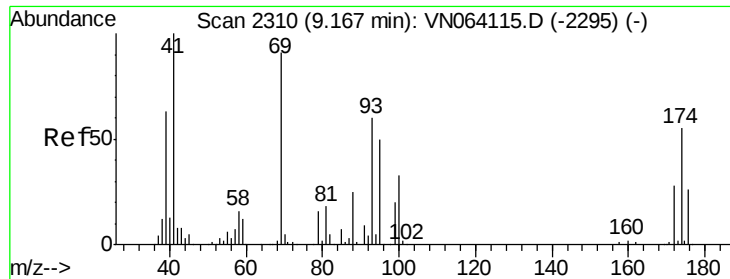


Abundance Ion 41.00 (40.70 to 41.70): VN064115.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064115.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064115.D (-2297) (-)





#49

1,4-Dioxane

Concen: 817.154 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

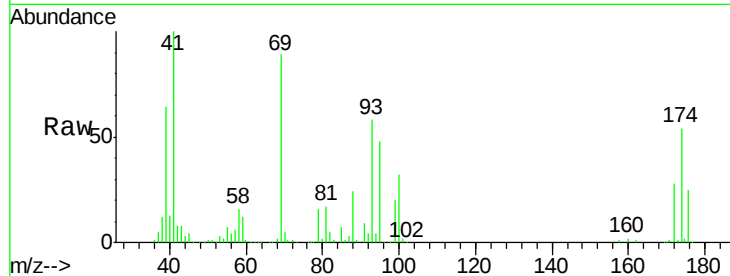
Tgt Ion: 88 Resp: 57125

Ion Ratio Lower Upper

88 100

43 34.0 27.2 40.8

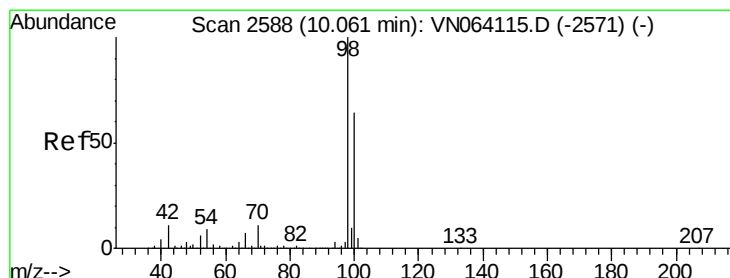
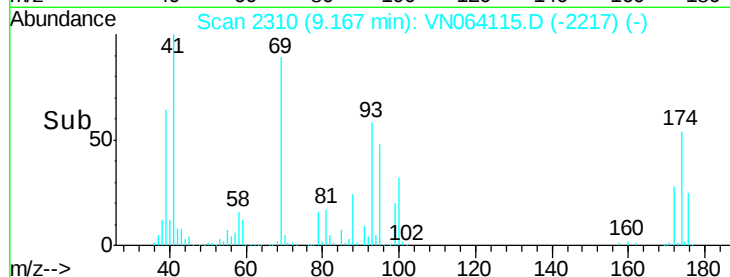
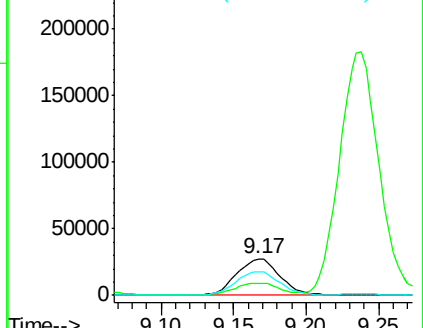
58 65.7 52.6 78.8



Abundance Ion 88.00 (87.70 to 88.70): VN064115.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064115.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-2295) (-)



#50

Toluene-d8

Concen: 47.114 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064115.D

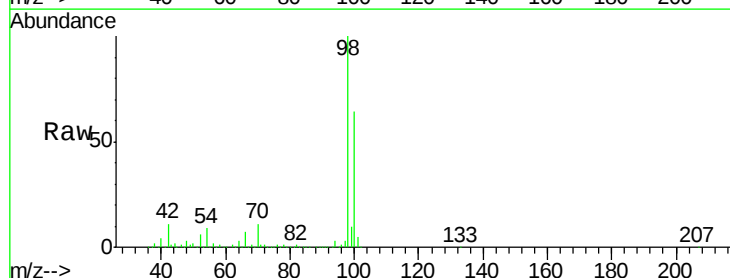
Acq: 14 Oct 2020 15:29

Tgt Ion: 98 Resp: 761036

Ion Ratio Lower Upper

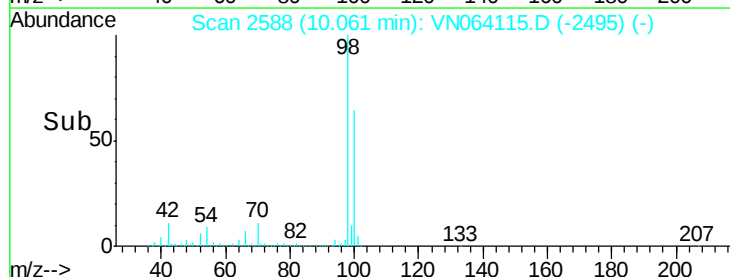
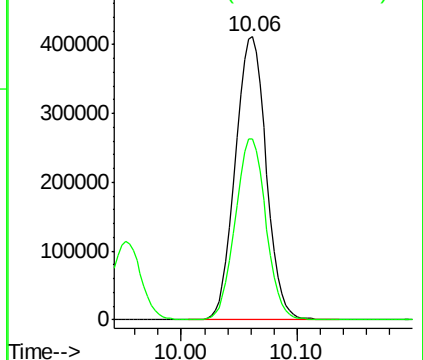
98 100

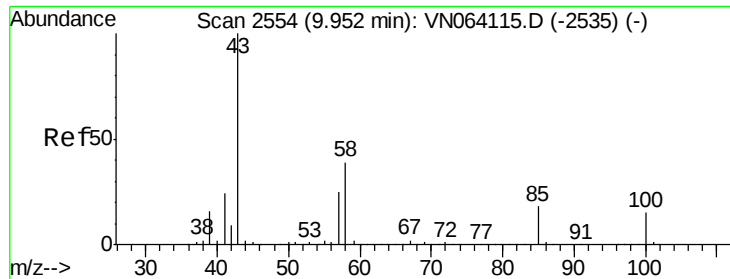
100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN064115.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064115.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 226.120 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

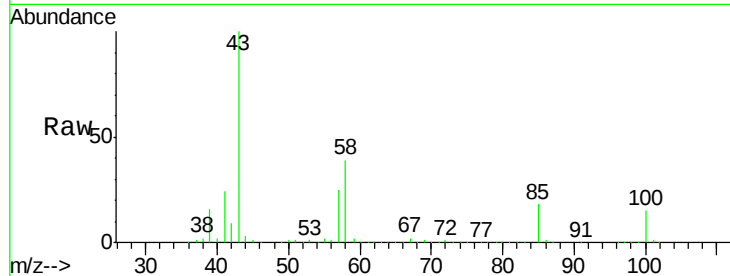
VSTDICCC050

Tgt Ion: 43 Resp: 1322975

Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

800000

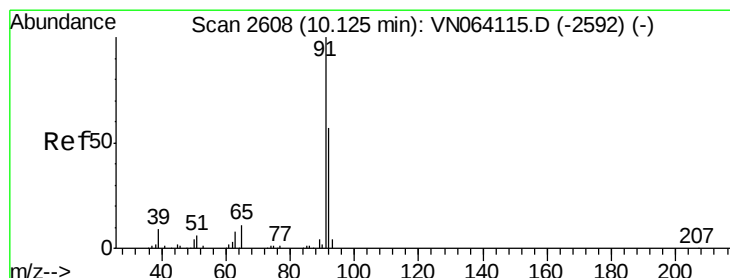
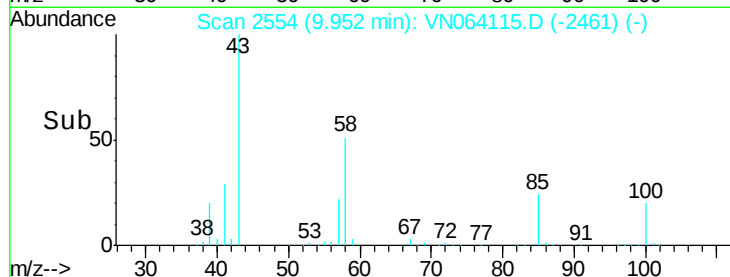
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.464 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064115.D

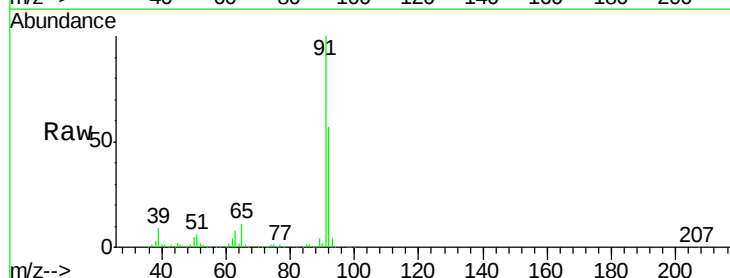
Acq: 14 Oct 2020 15:29

Tgt Ion: 92 Resp: 571509

Ion Ratio Lower Upper

92 100

91 176.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

600000

500000

400000

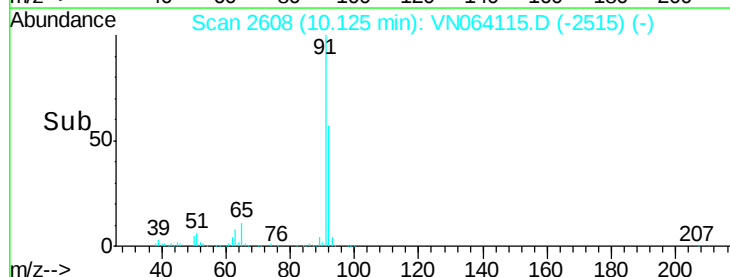
300000

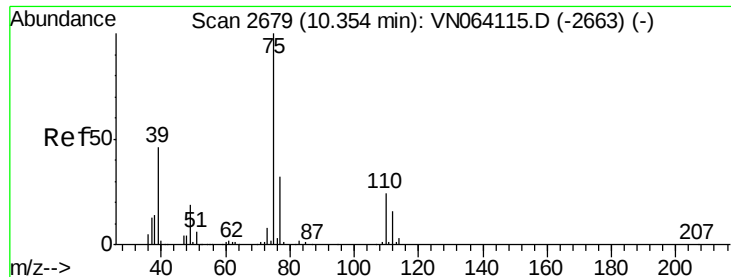
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.745 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

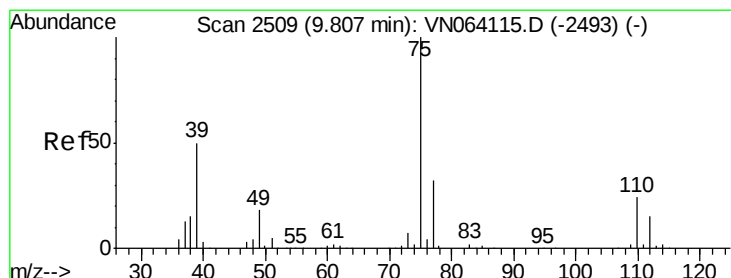
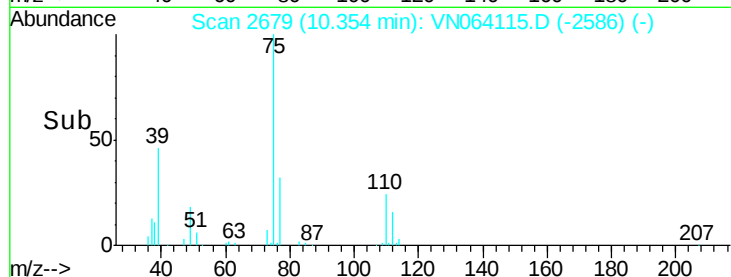
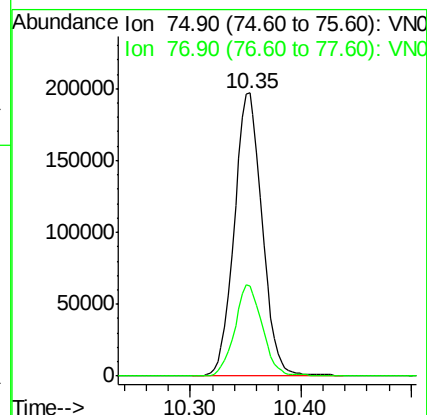
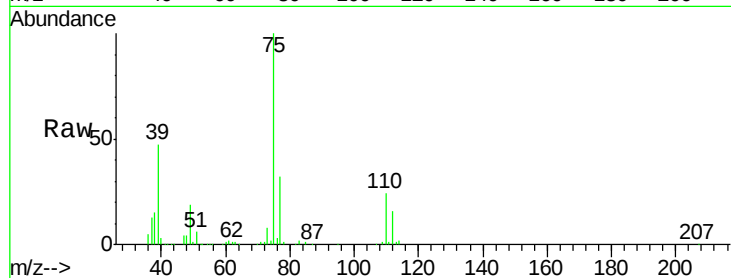
VSTDICCC050

Tgt Ion: 75 Resp: 346693

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 48.795 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

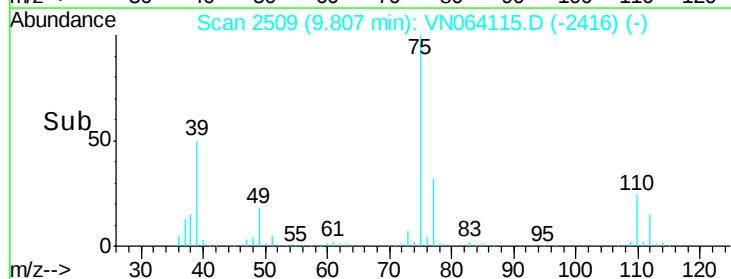
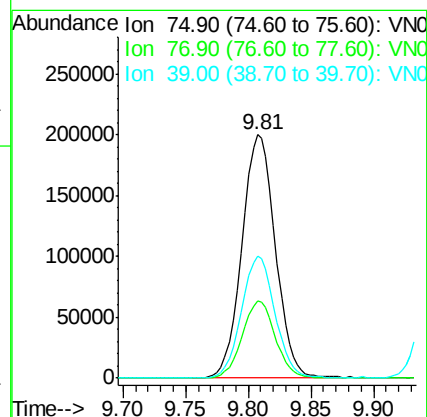
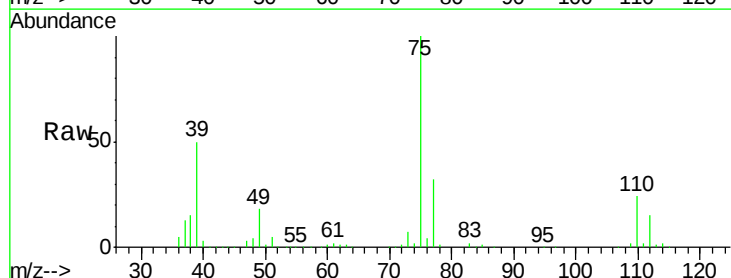
Tgt Ion: 75 Resp: 371708

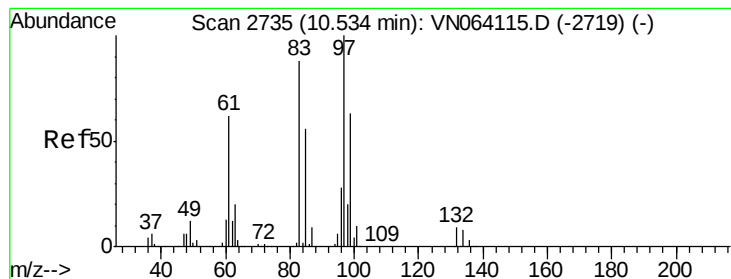
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 49.8 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 51.057 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 226827

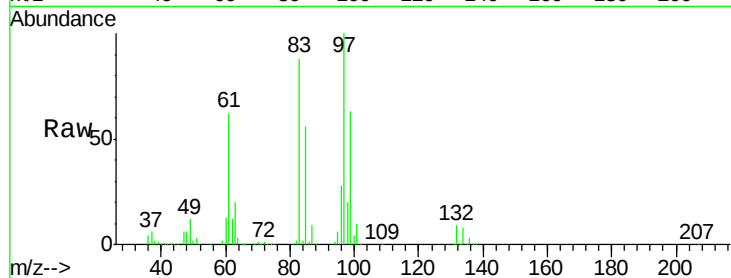
Ion Ratio Lower Upper

97 100

83 87.8 70.2 105.4

85 56.3 45.0 67.6

99 63.4 50.7 76.1

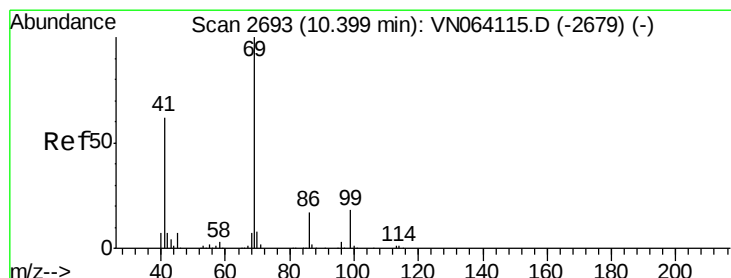
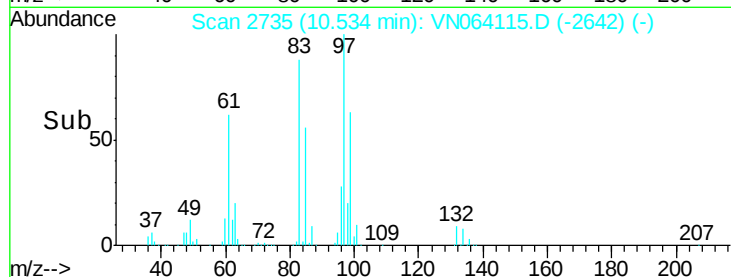
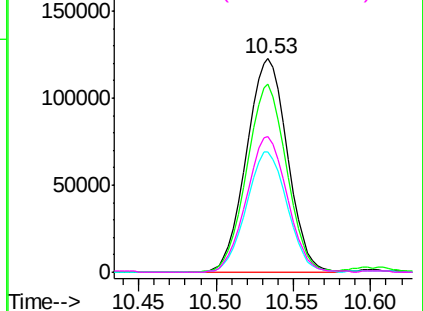


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 49.966 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

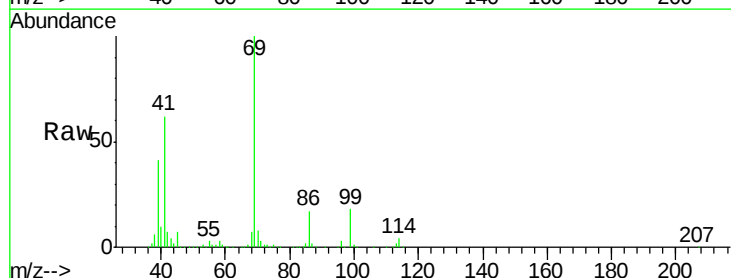
Tgt Ion: 69 Resp: 310926

Ion Ratio Lower Upper

69 100

41 61.6 49.3 73.9

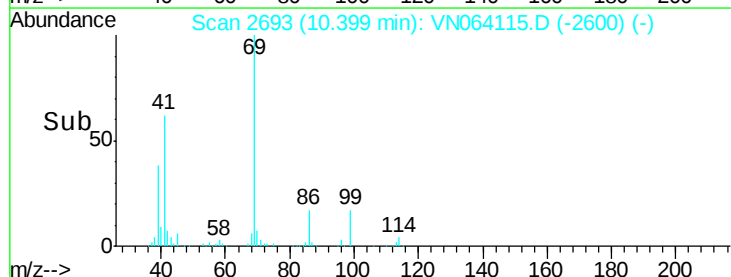
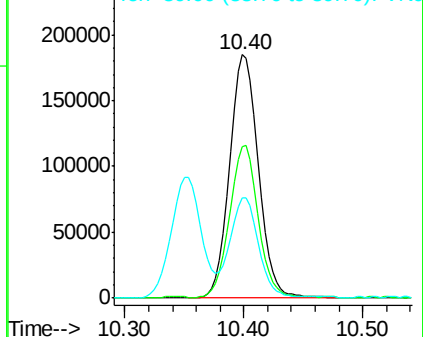
39 40.9 32.7 49.1

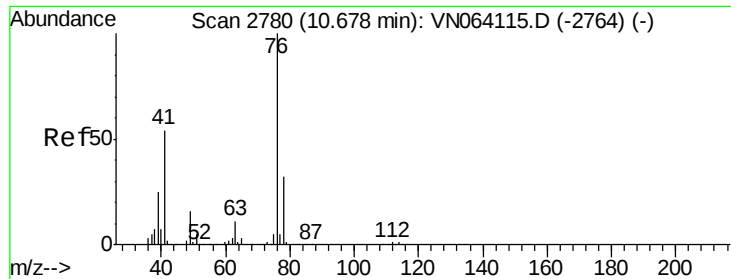


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

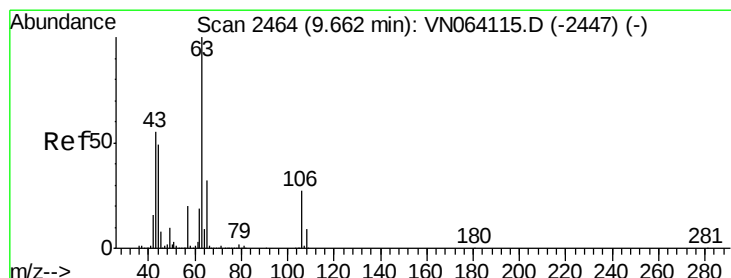
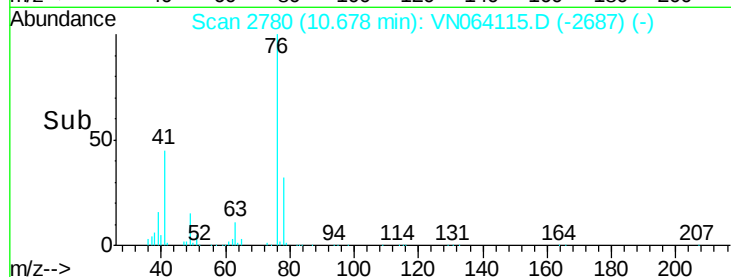
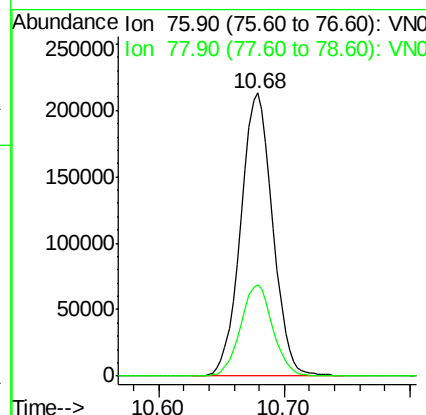
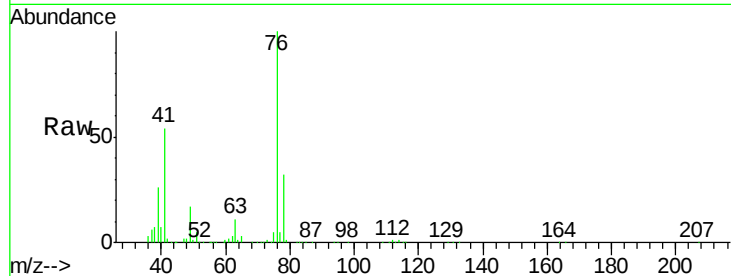




#57
 1,3-Dichloropropane
 Concen: 50.365 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

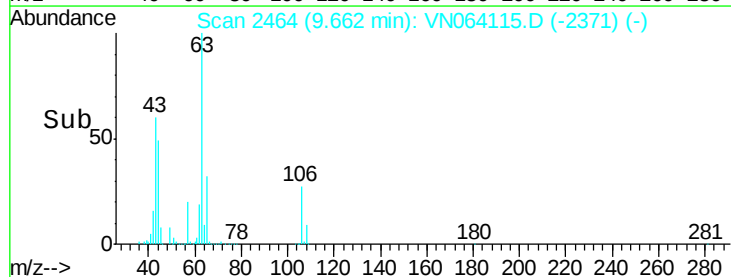
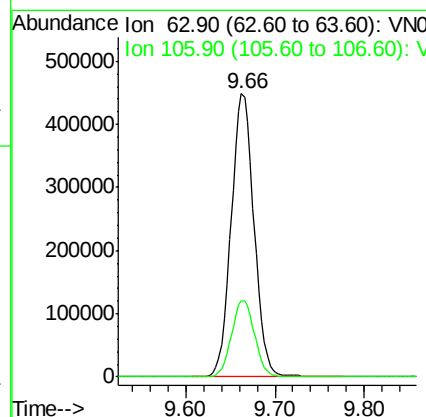
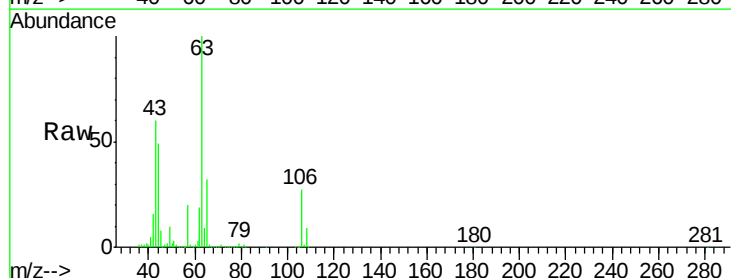
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

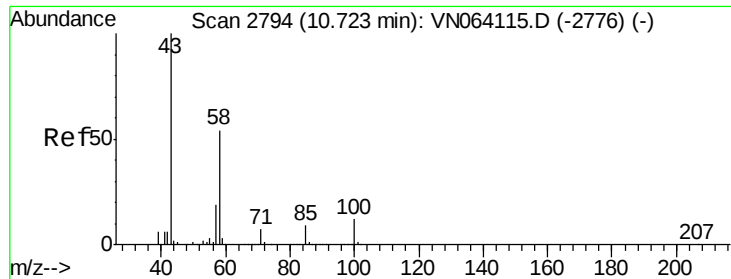
Tgt Ion: 76 Resp: 376841
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.762 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion: 63 Resp: 796985
 Ion Ratio Lower Upper
 63 100
 106 27.2 21.8 32.6

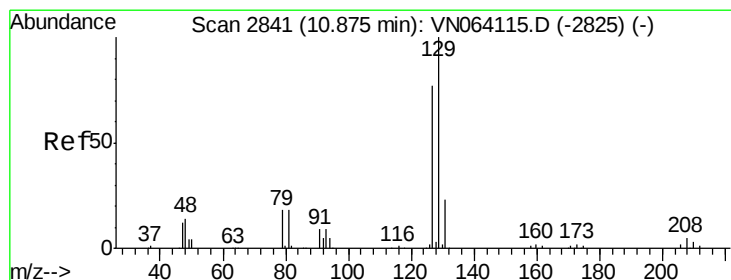
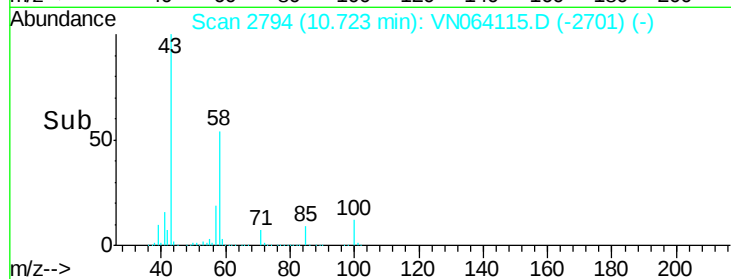
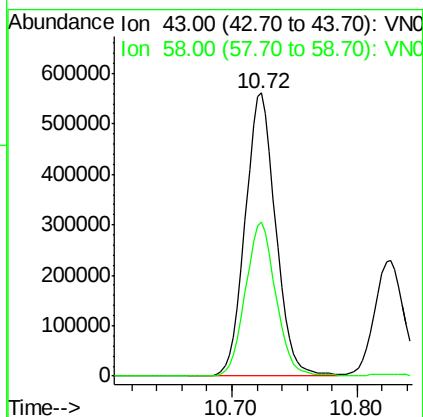
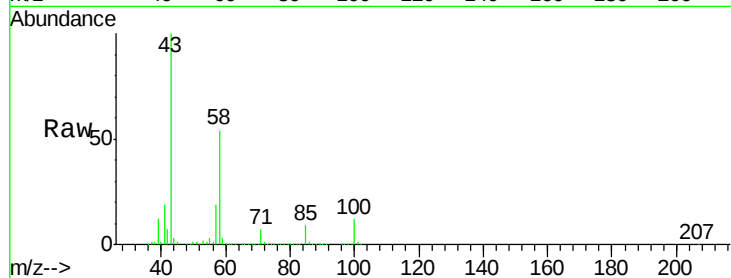




#59
2-Hexanone
Concen: 218.790 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

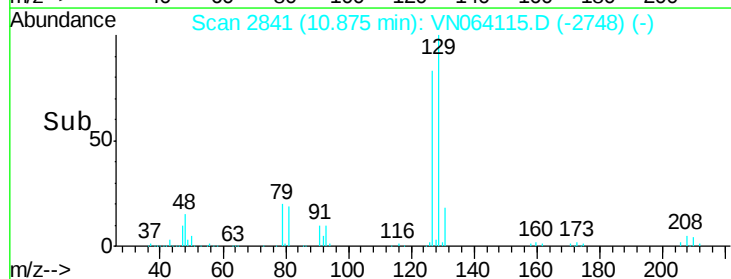
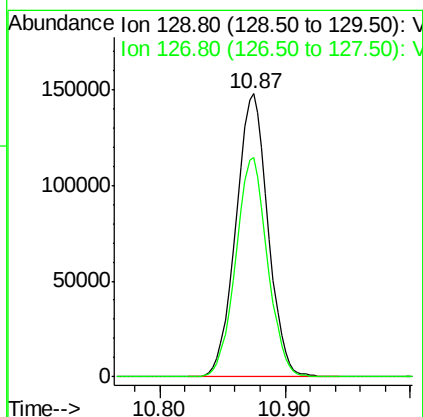
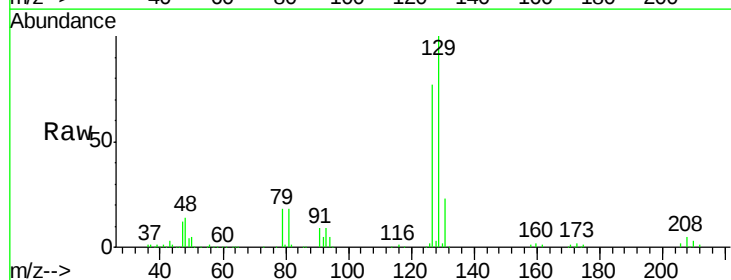
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

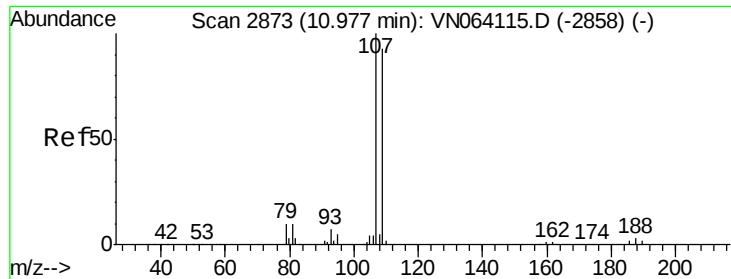
Tgt Ion: 43 Resp: 948065
Ion Ratio Lower Upper
43 100
58 54.4 27.2 81.6



#60
Dibromochloromethane
Concen: 50.672 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 129 Resp: 262810
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 52.607 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

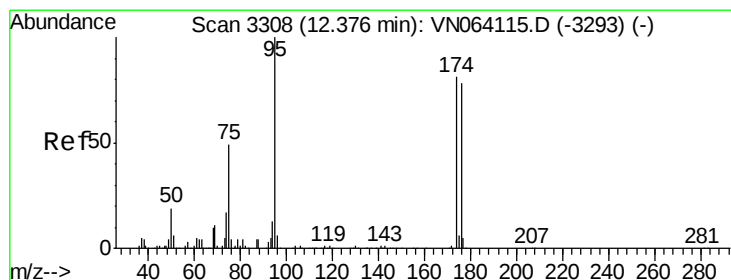
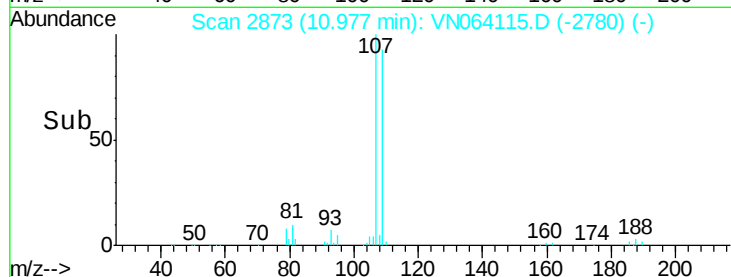
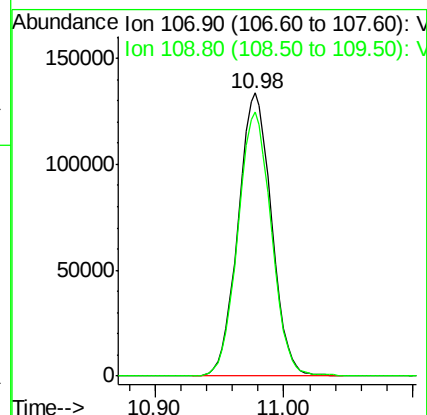
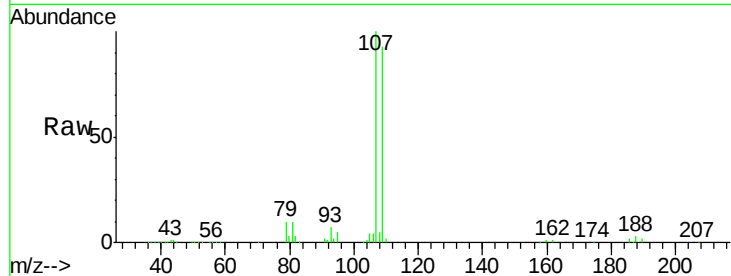
VSTDICCC050

Tgt Ion: 107 Resp: 239978

Ion Ratio Lower Upper

107 100

109 94.0 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 43.980 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

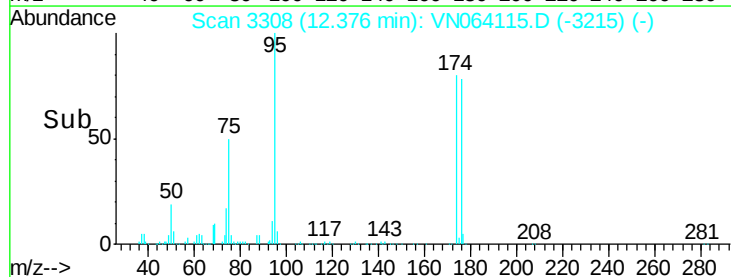
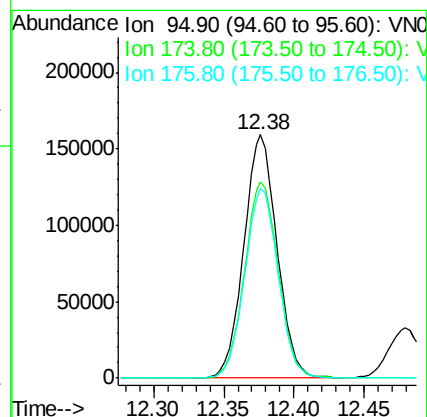
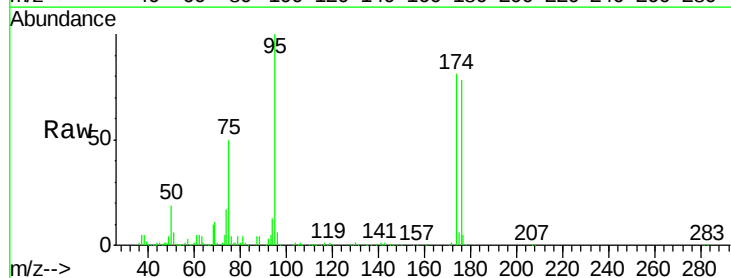
Tgt Ion: 95 Resp: 262057

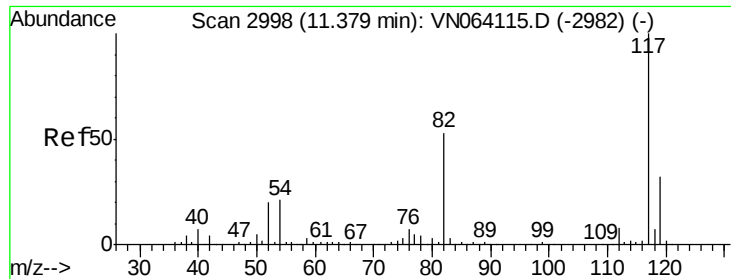
Ion Ratio Lower Upper

95 100

174 82.4 0.0 164.8

176 78.9 0.0 157.8

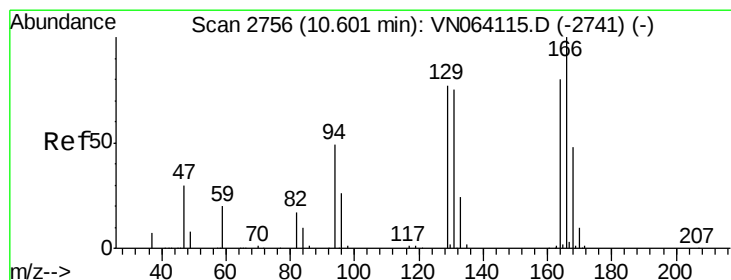
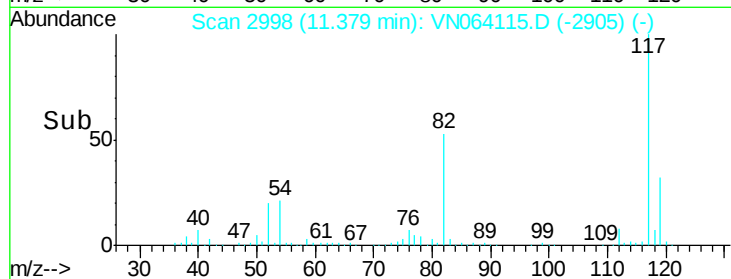
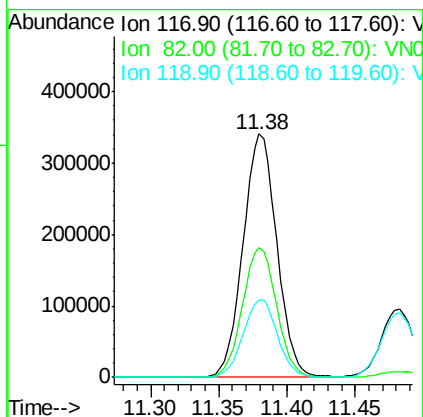
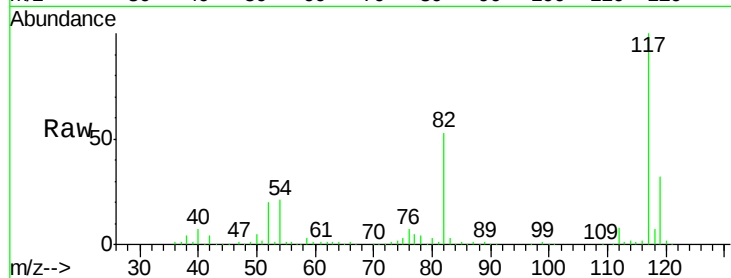




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

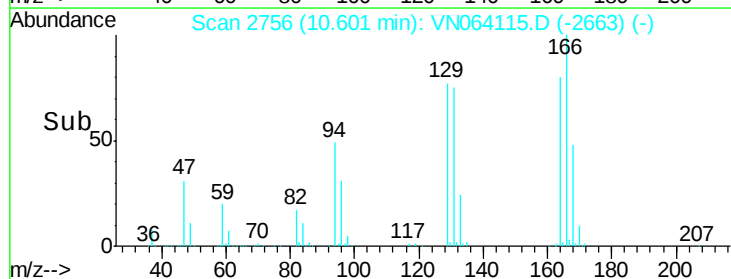
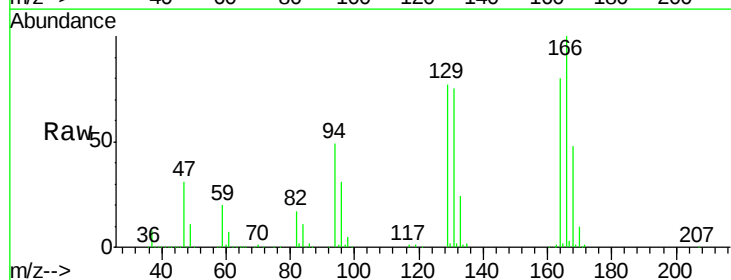
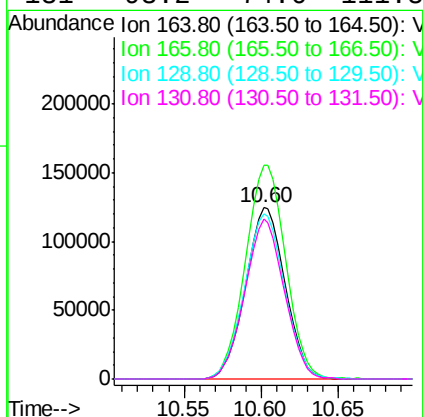
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

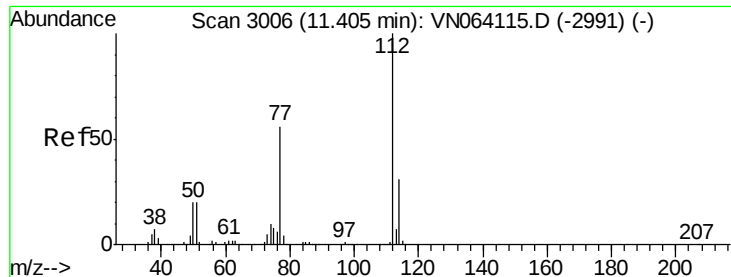
Tgt Ion:117 Resp: 585220
Ion Ratio Lower Upper
117 100
82 53.2 42.6 63.8
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 48.465 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion:164 Resp: 222065
Ion Ratio Lower Upper
164 100
166 124.6 99.7 149.5
129 96.2 77.0 115.4
131 93.2 74.6 111.8





#65

Chlorobenzene

Concen: 50.736 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

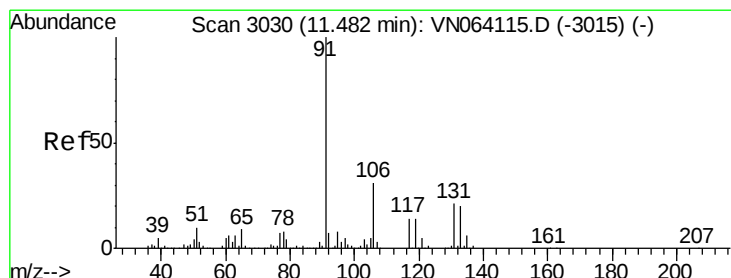
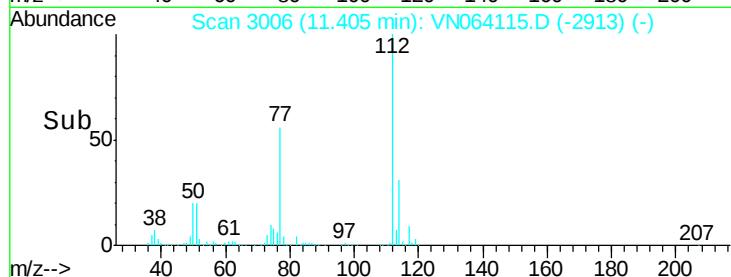
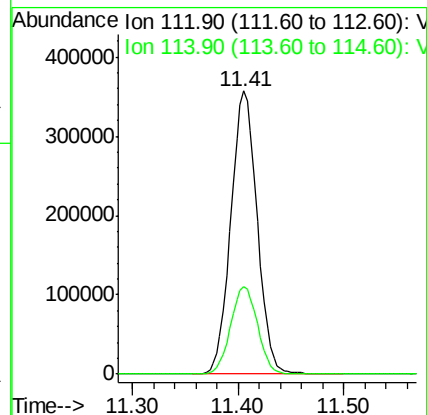
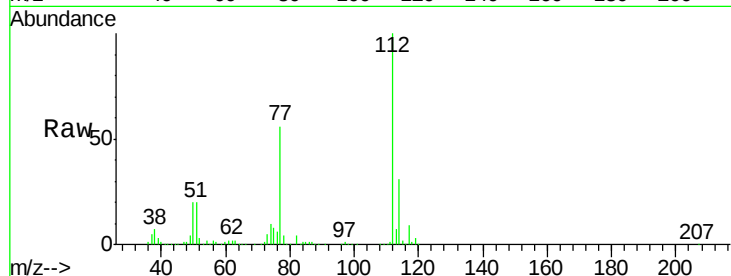
VSTDICCC050

Tgt Ion:112 Resp: 616190

Ion Ratio Lower Upper

112 100

114 30.8 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 51.127 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

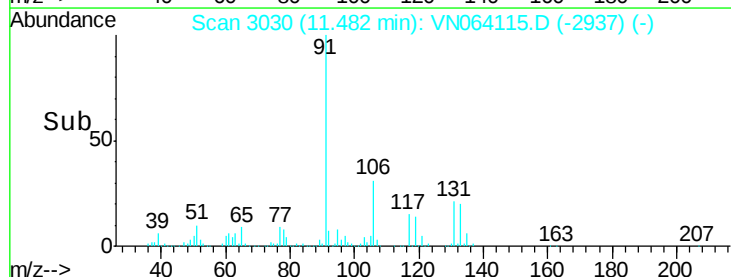
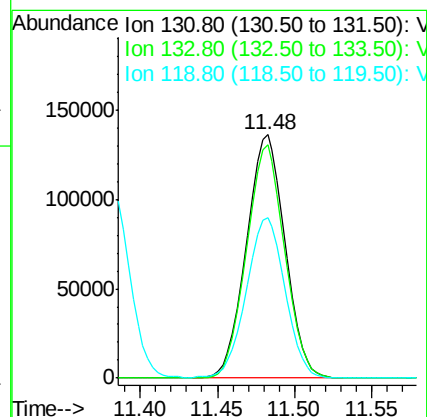
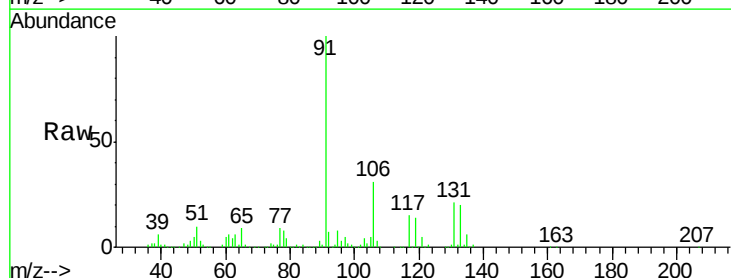
Tgt Ion:131 Resp: 237090

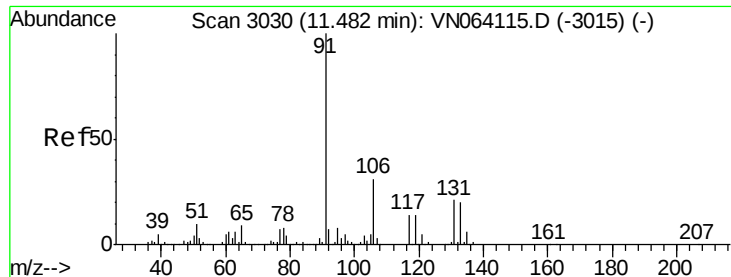
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 65.6 32.8 98.4

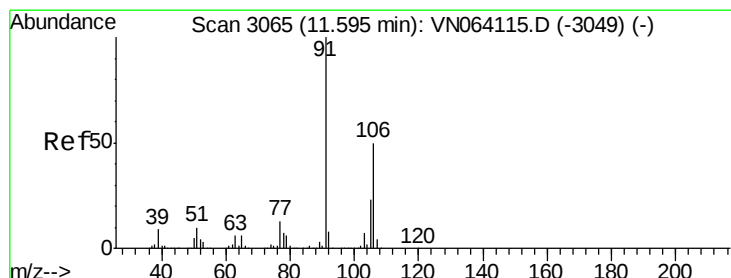
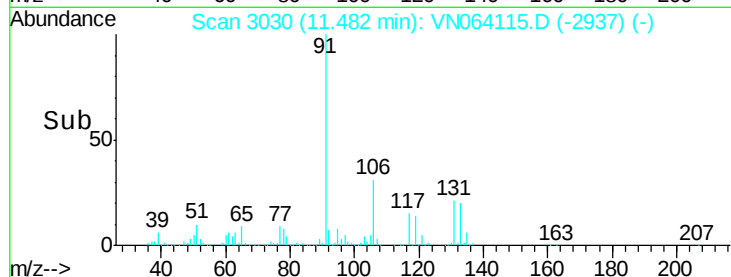
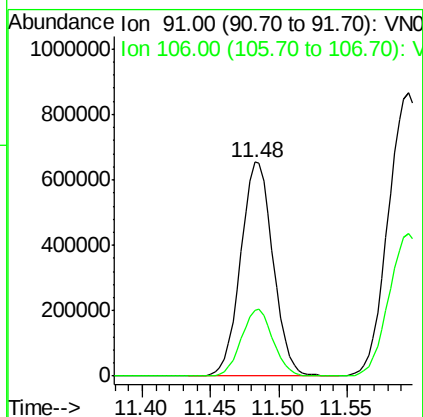
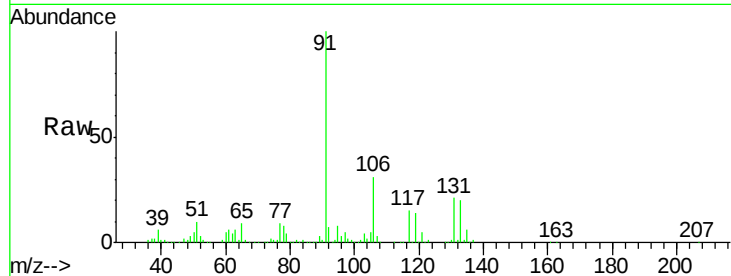




#67
Ethyl Benzene
Concen: 49.524 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

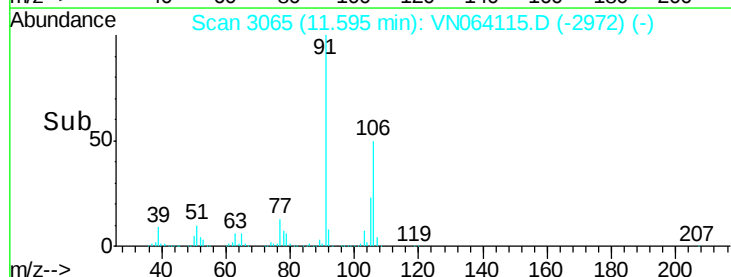
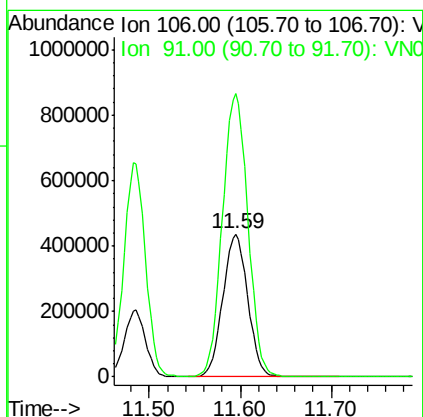
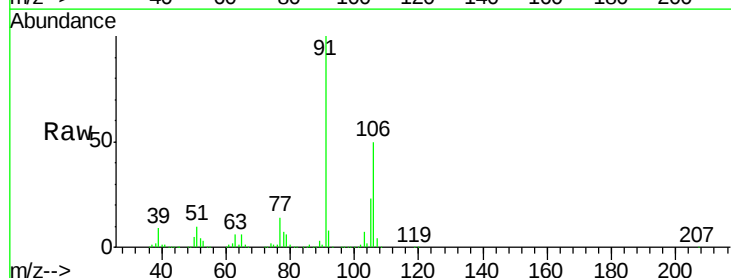
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

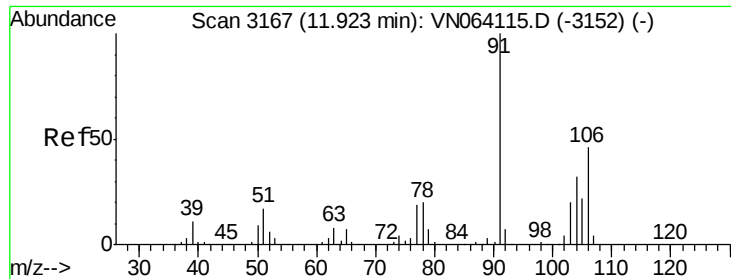
Tgt Ion: 91 Resp: 1080221
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1



#68
m/p-Xylenes
Concen: 101.272 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 106 Resp: 828372
Ion Ratio Lower Upper
106 100
91 202.6 162.1 243.1

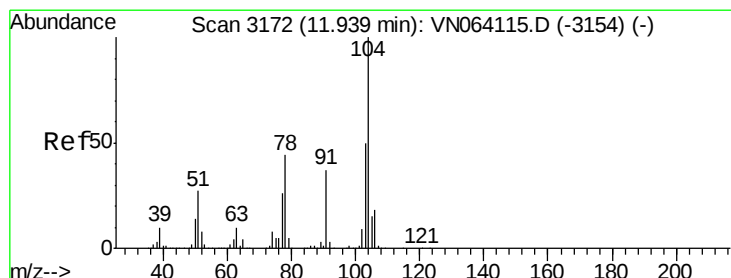
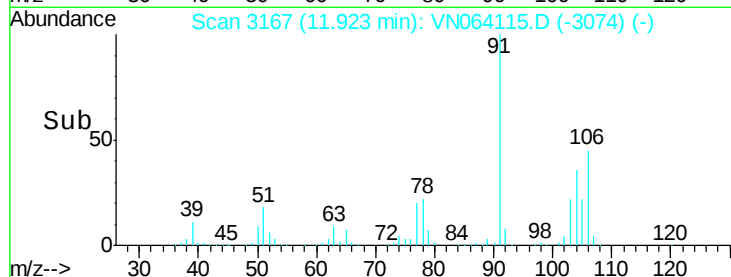
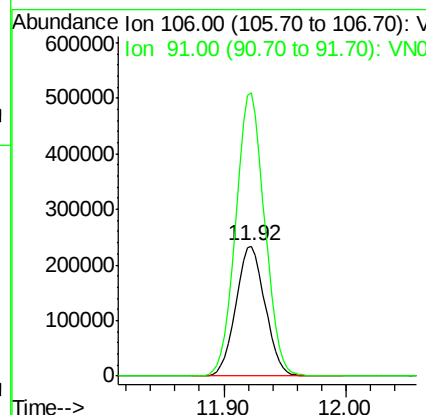
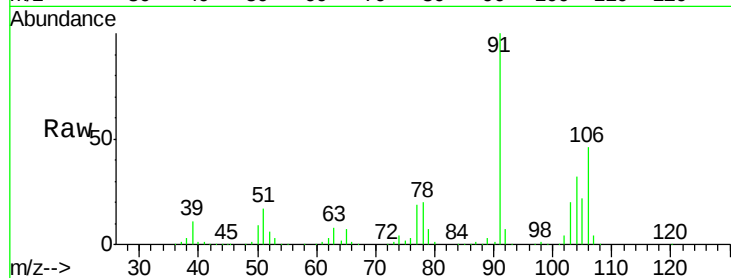




#69
o-Xylene
Concen: 51.028 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

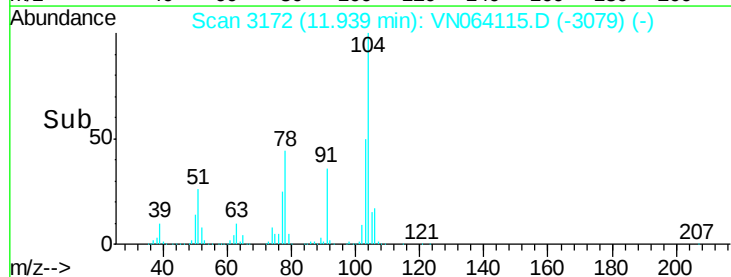
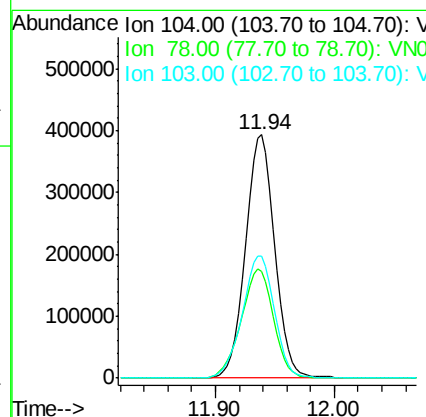
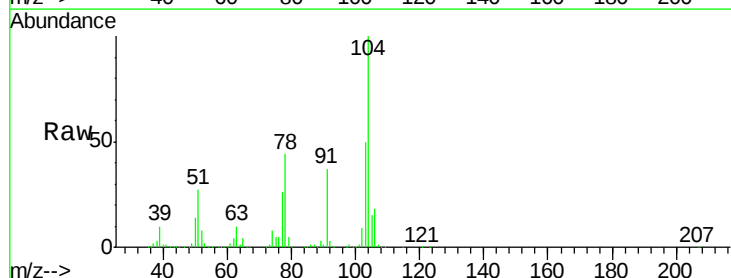
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

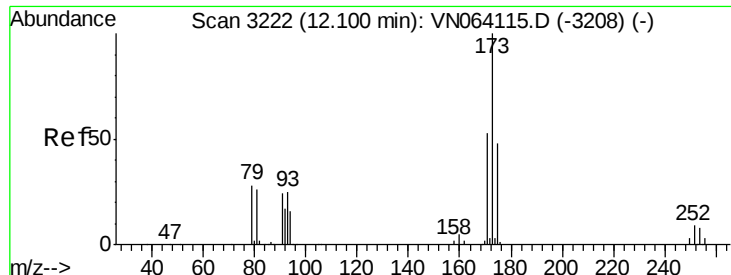
Tgt Ion:106 Resp: 390227
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8



#70
Styrene
Concen: 51.751 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion:104 Resp: 670048
Ion Ratio Lower Upper
104 100
78 49.6 39.7 59.5
103 55.2 44.2 66.2





#71

Bromoform

Concen: 51.506 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

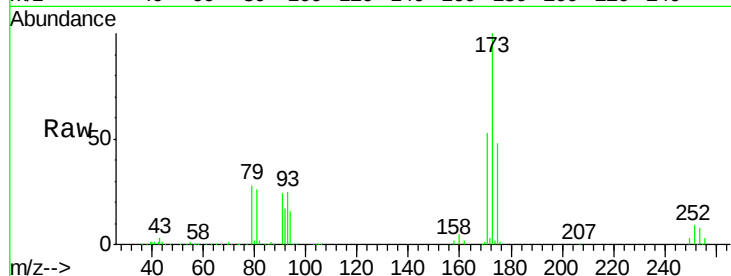
Tgt Ion:173 Resp: 182232

Ion Ratio Lower Upper

173 100

175 46.8 23.4 70.2

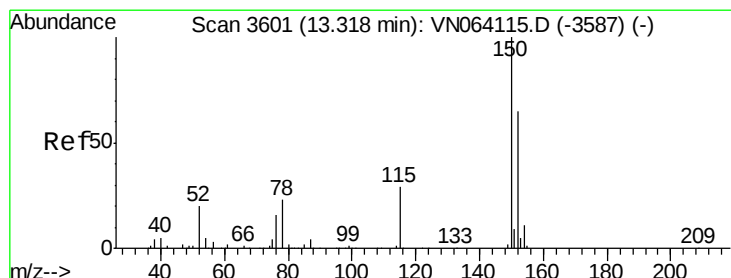
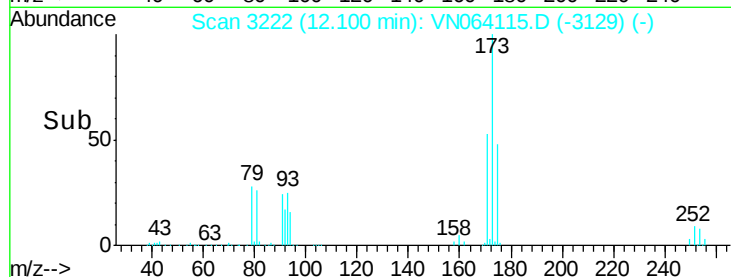
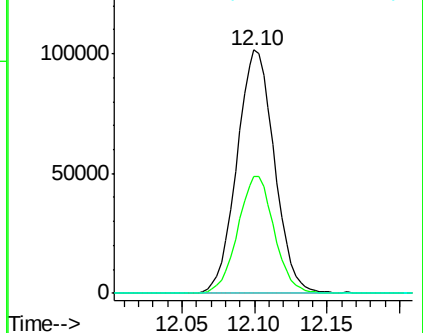
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

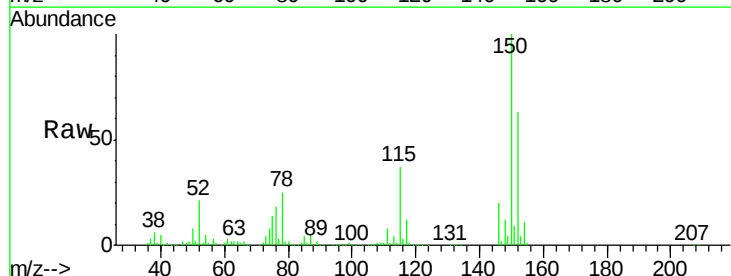
Tgt Ion:152 Resp: 284070

Ion Ratio Lower Upper

152 100

115 58.5 29.3 87.8

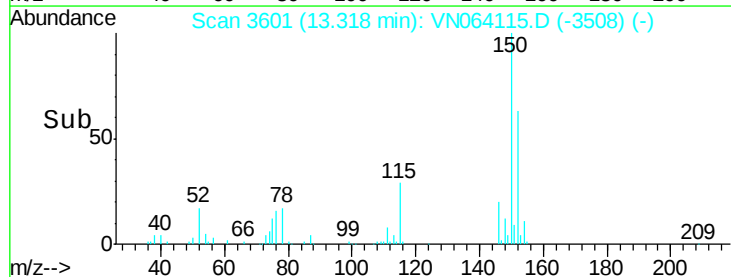
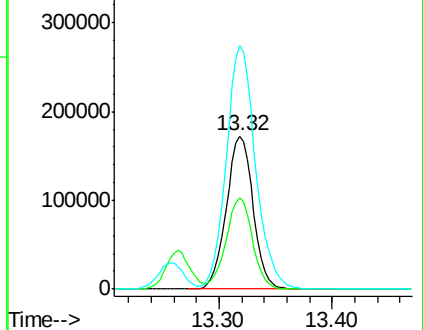
150 173.0 0.0 346.0

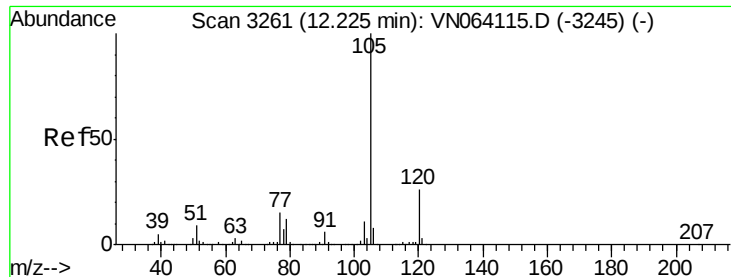


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.359 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

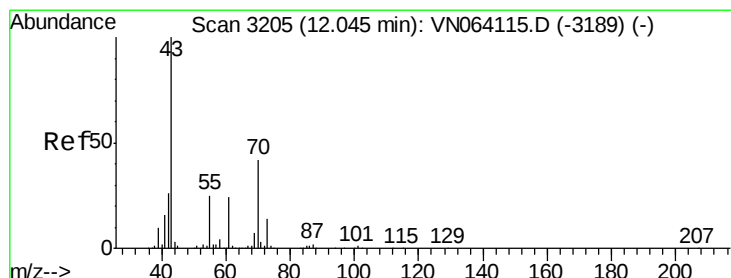
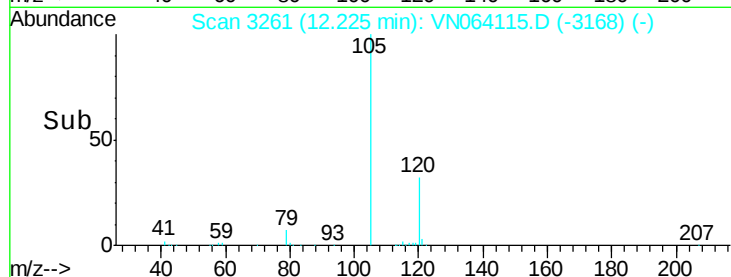
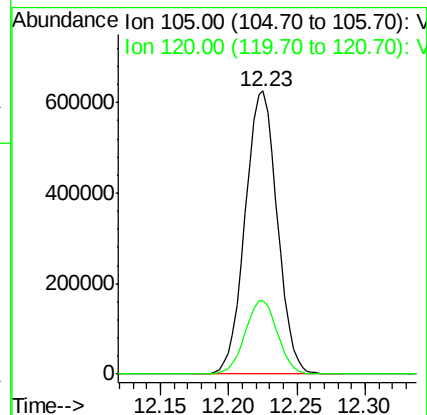
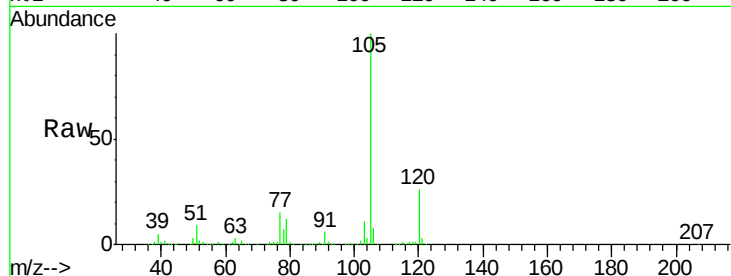
VSTDICCC050

Tgt Ion:105 Resp: 1024111

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 46.441 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Tgt Ion: 43 Resp: 388855

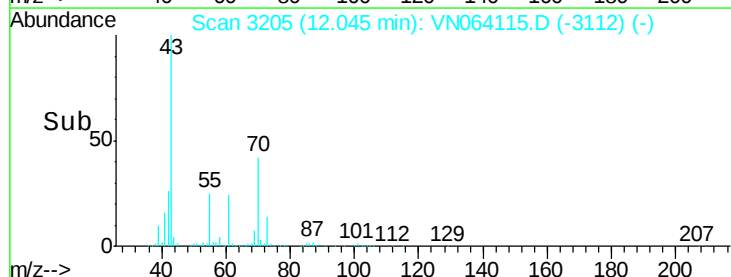
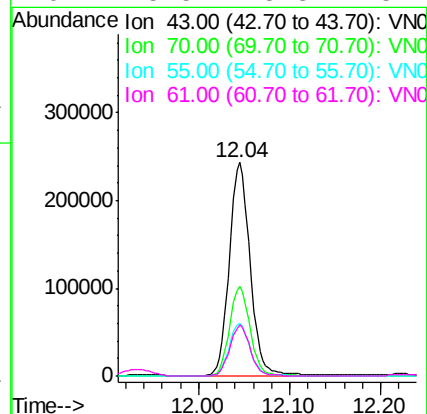
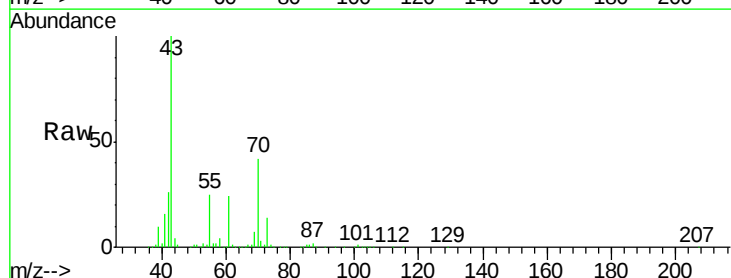
Ion Ratio Lower Upper

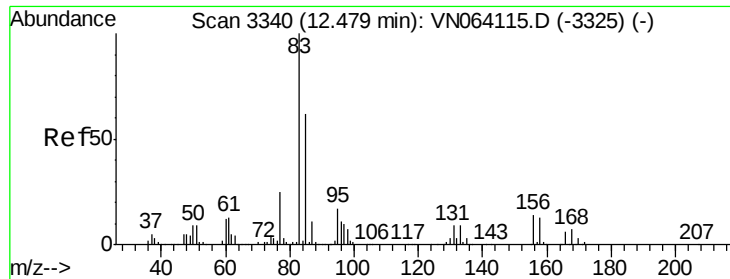
43 100

70 41.5 33.2 49.8

55 24.9 19.9 29.9

61 23.5 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.386 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

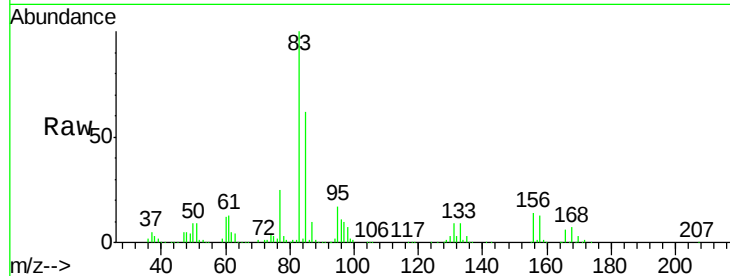
Tgt Ion: 83 Resp: 322164

Ion Ratio Lower Upper

83 100

131 10.0 5.0 15.0

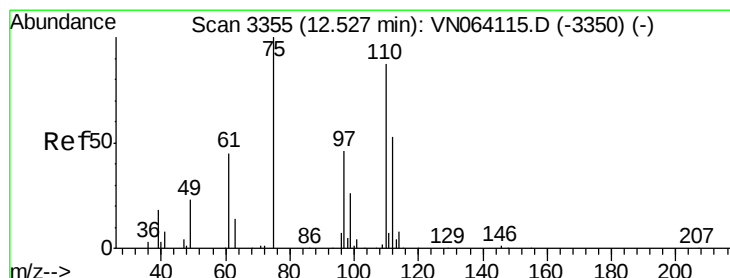
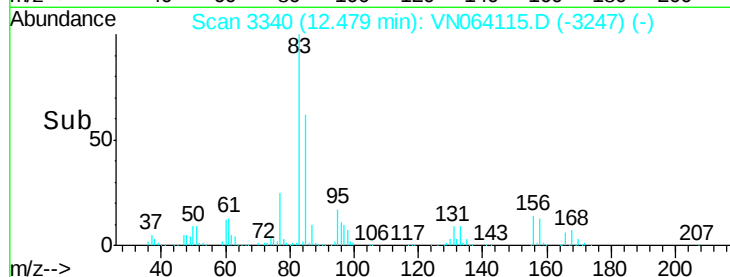
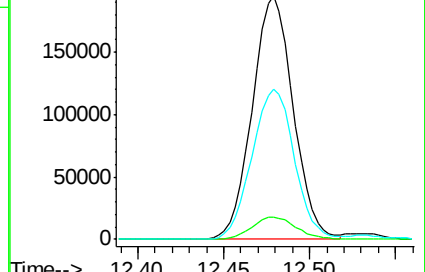
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064115.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064115.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064115.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 65.953 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064115.D

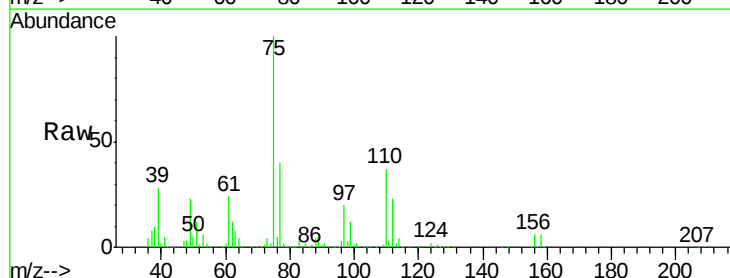
Acq: 14 Oct 2020 15:29

Tgt Ion: 75 Resp: 413414

Ion Ratio Lower Upper

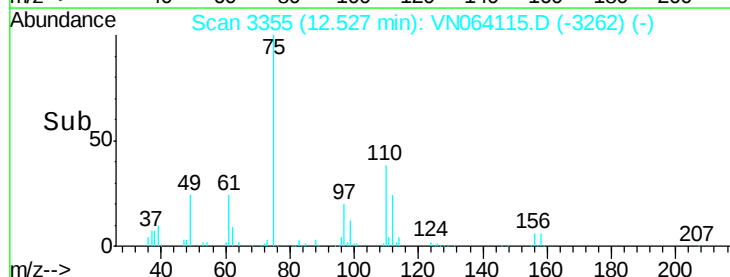
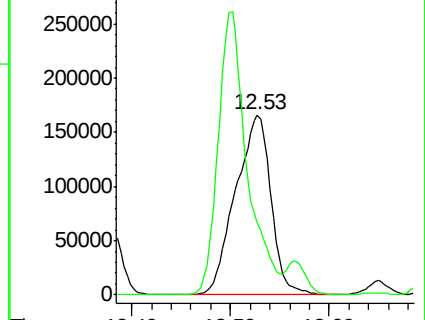
75 100

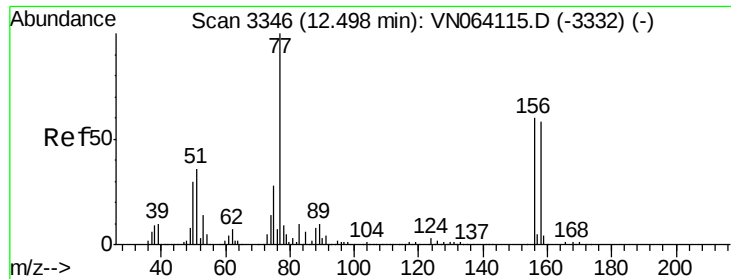
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064115.D (-3350) (-)





#77

Bromobenzene

Concen: 52.256 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

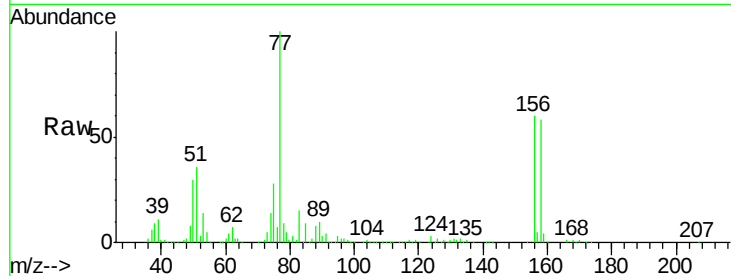
Tgt Ion:156 Resp: 270332

Ion Ratio Lower Upper

156 100

77 198.6 99.3 297.9

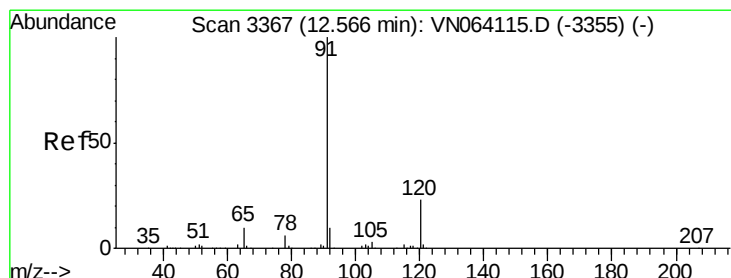
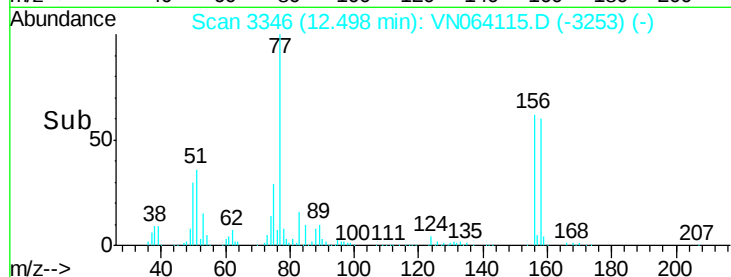
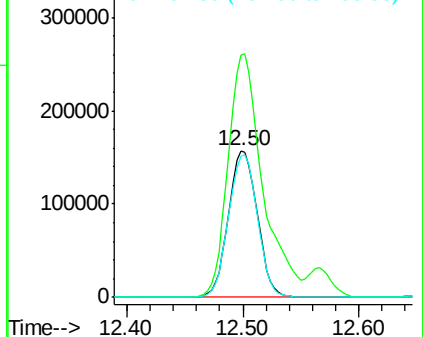
158 97.3 48.6 145.9



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: 48.287 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064115.D

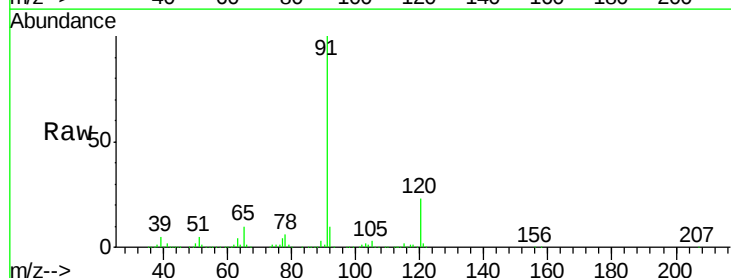
Acq: 14 Oct 2020 15:29

Tgt Ion: 91 Resp: 1164358

Ion Ratio Lower Upper

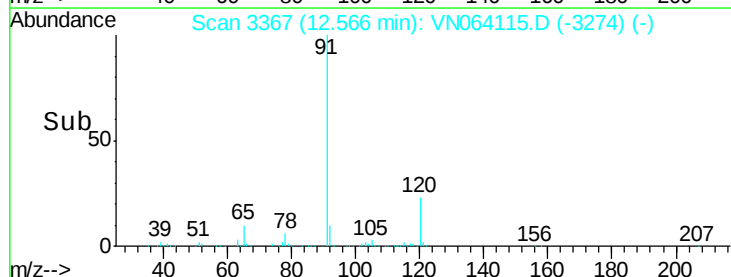
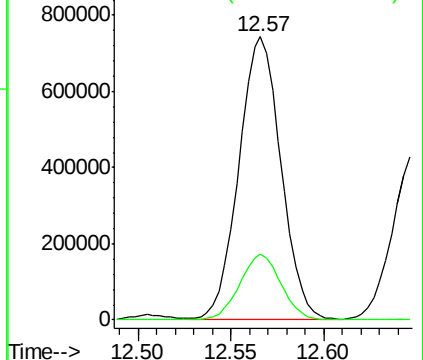
91 100

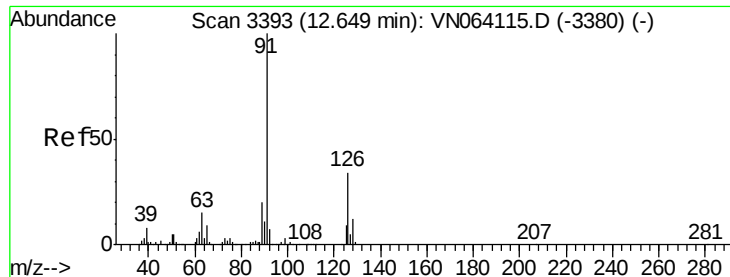
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.895 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

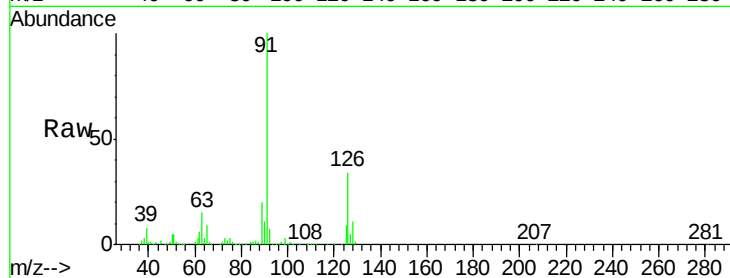
VSTDICCC050

Tgt Ion: 91 Resp: 712080

Ion Ratio Lower Upper

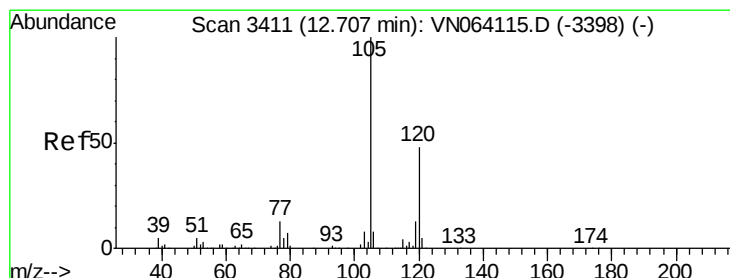
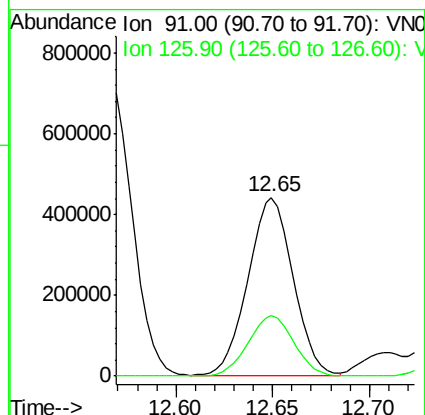
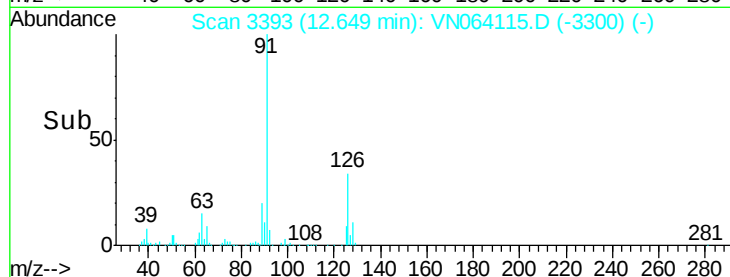
91 100

126 35.0 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.330 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064115.D

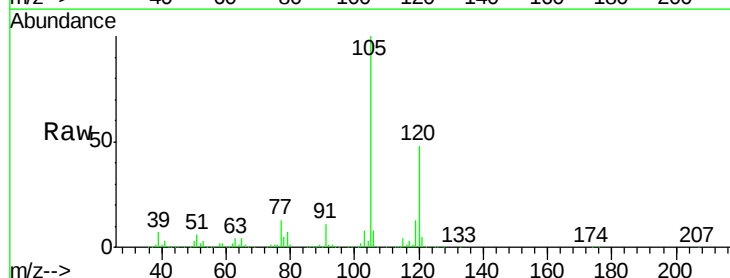
Acq: 14 Oct 2020 15:29

Tgt Ion: 105 Resp: 858710

Ion Ratio Lower Upper

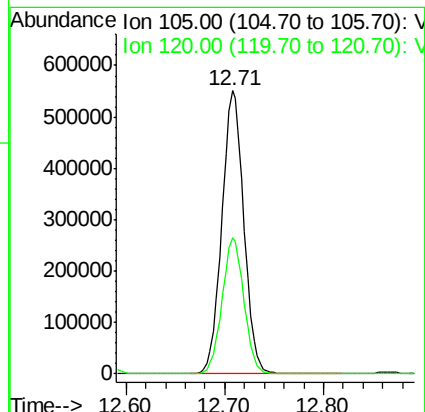
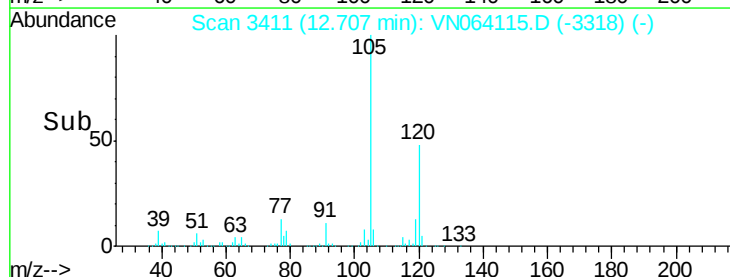
105 100

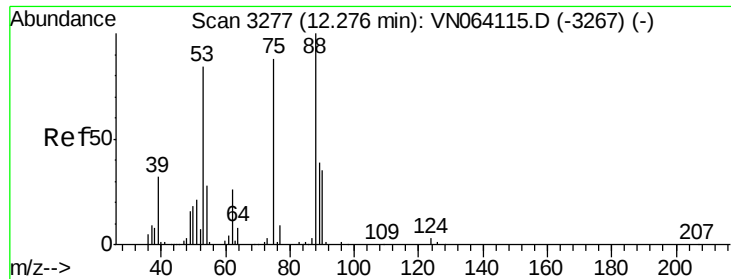
120 48.0 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 49.221 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

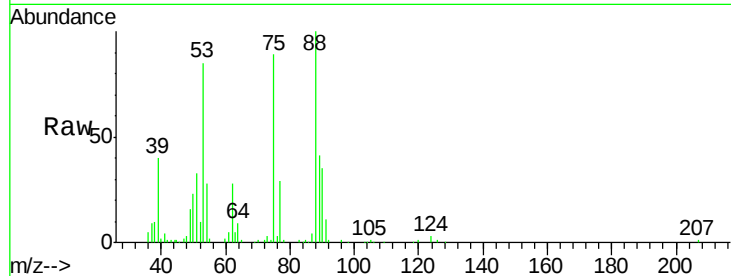
Tgt Ion: 75 Resp: 106433

Ion Ratio Lower Upper

75 100

53 94.6 75.7 113.5

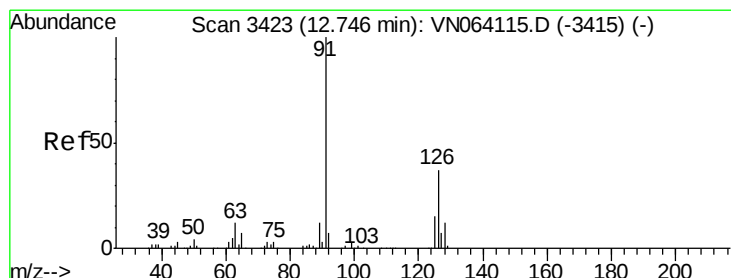
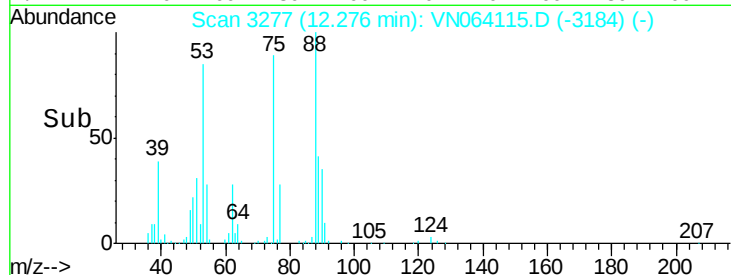
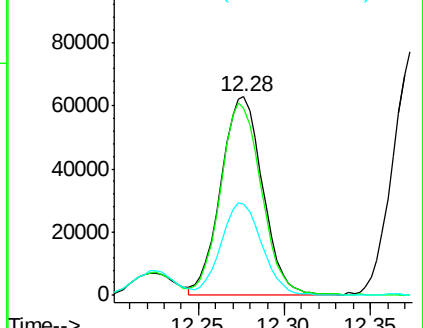
89 45.8 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN064115.D (-3267) (-)

Ion 53.00 (52.70 to 53.70): VN064115.D (-3267) (-)

Ion 88.90 (88.60 to 89.60): VN064115.D (-3267) (-)



#82

4-Chlorotoluene

Concen: 47.945 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064115.D

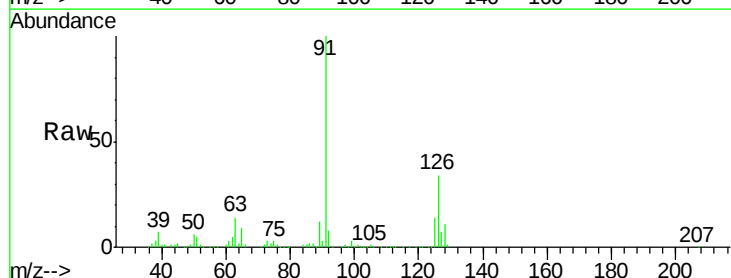
Acq: 14 Oct 2020 15:29

Tgt Ion: 91 Resp: 736933

Ion Ratio Lower Upper

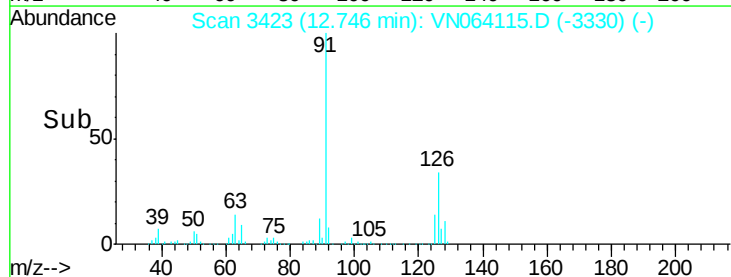
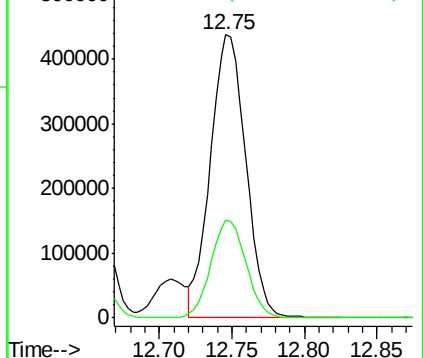
91 100

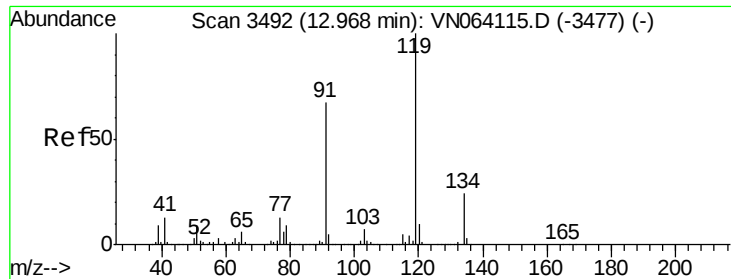
126 34.1 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3415) (-)

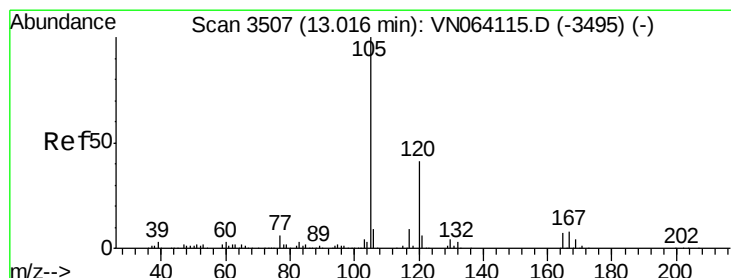
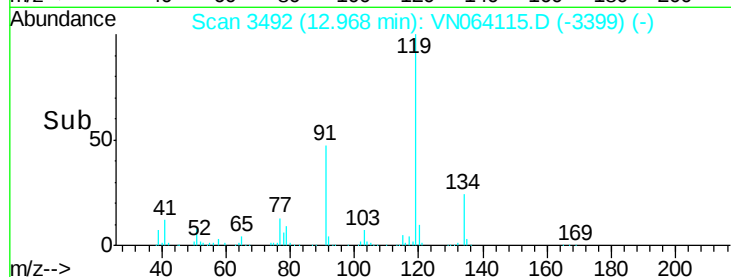
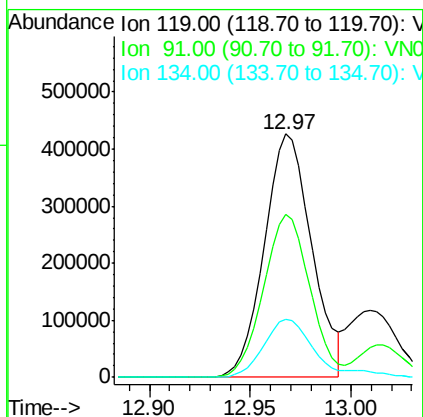
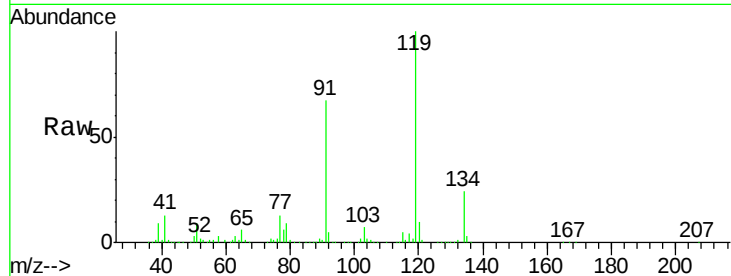




#83
 tert-Butylbenzene
 Concen: 49.031 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

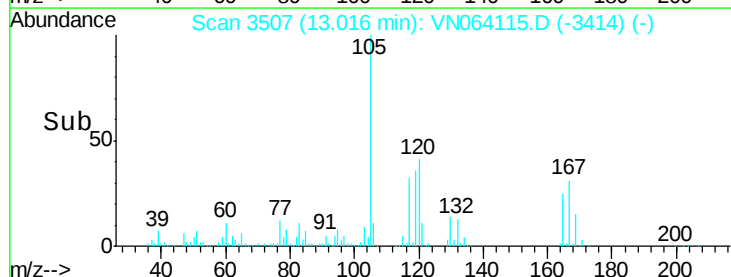
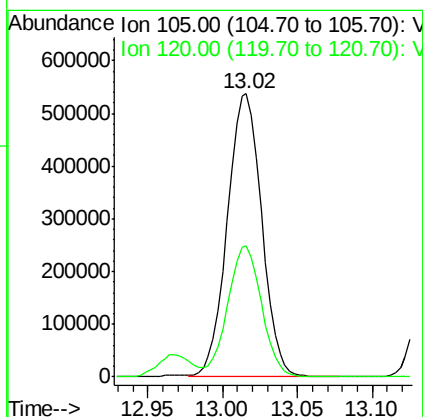
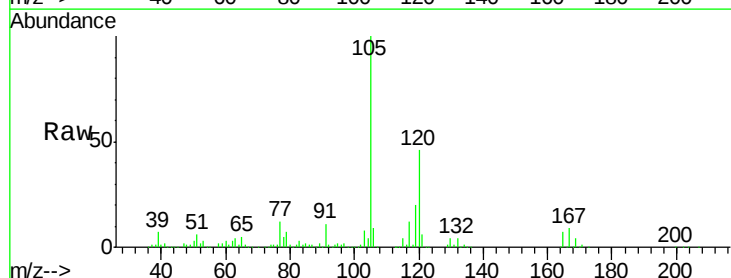
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

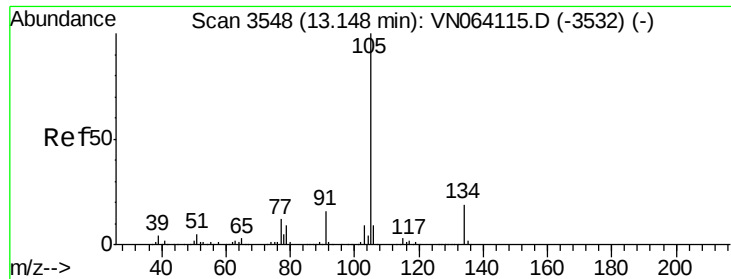
Tgt Ion:119 Resp: 697739
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.6 98.0
 134 26.0 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.491 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion:105 Resp: 855758
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.4

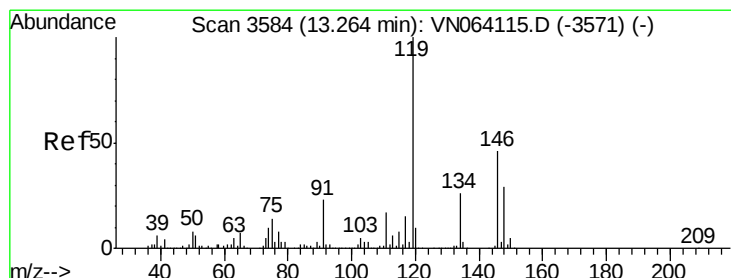
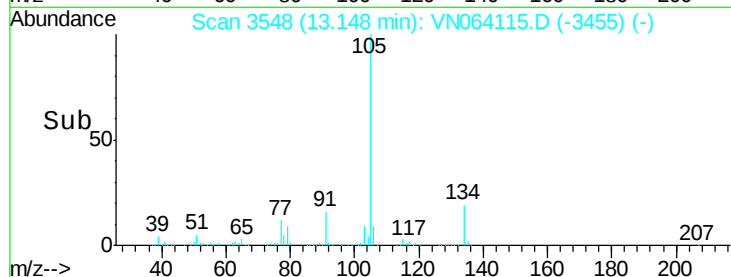
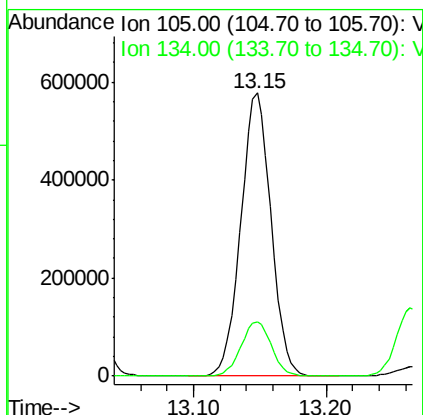
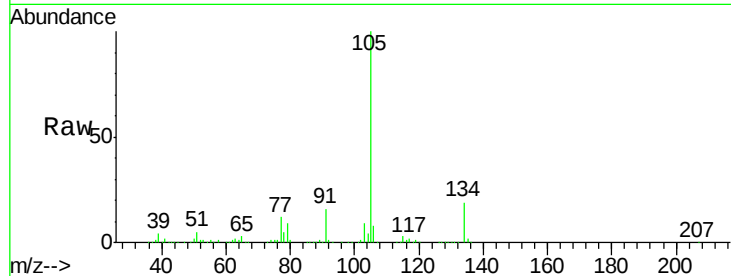




#85
 sec-Butylbenzene
 Concen: 48.702 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

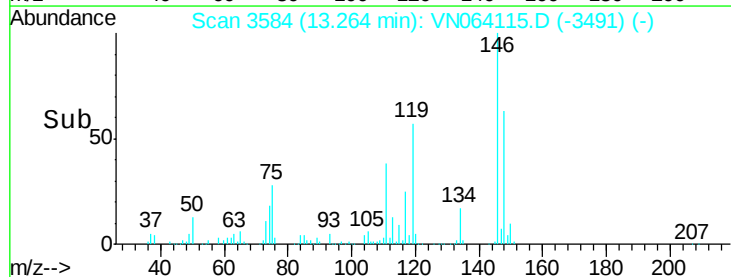
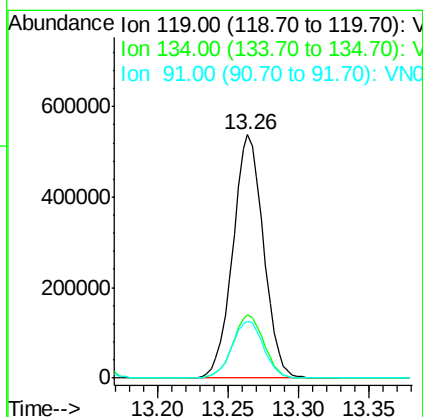
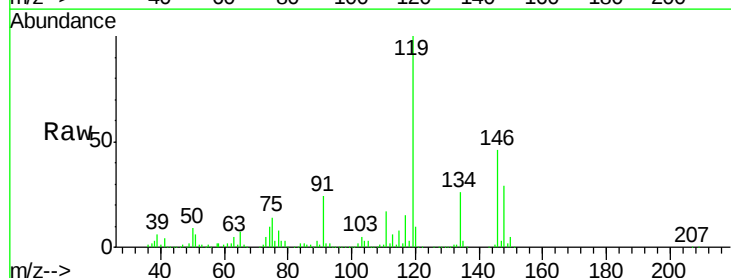
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

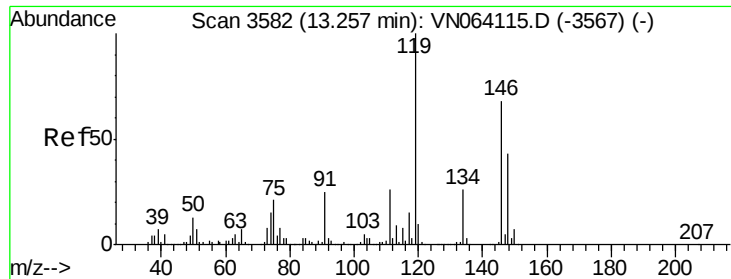
Tgt Ion:105 Resp: 908315
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 49.544 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion:119 Resp: 816395
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.5
 91 24.1 12.0 36.1

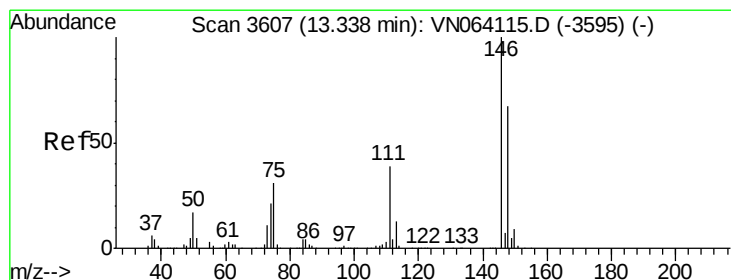
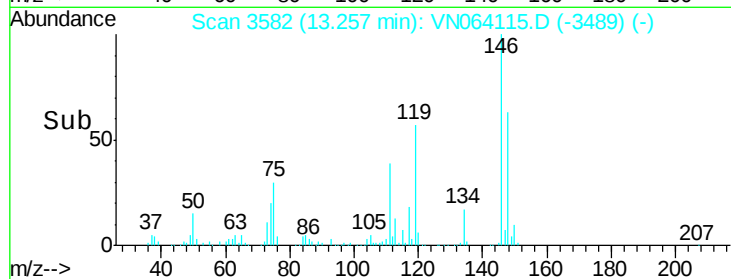
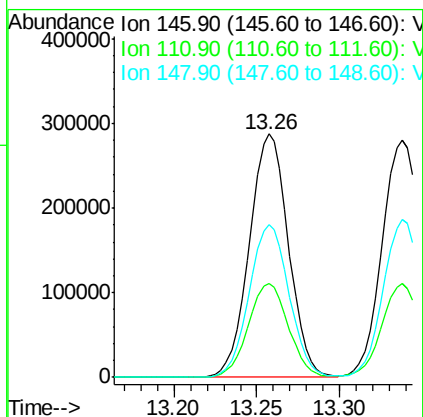
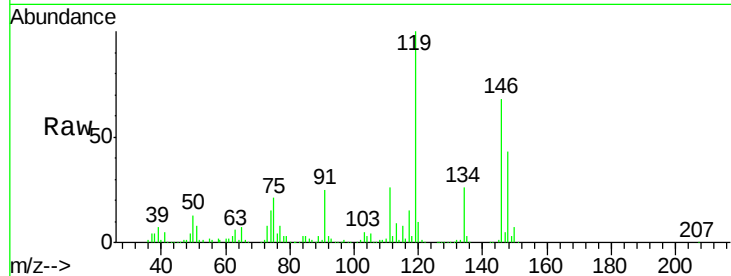




#87
 1,3-Dichlorobenzene
 Concen: 50.728 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

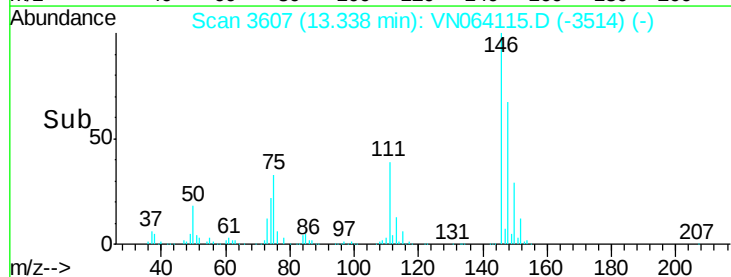
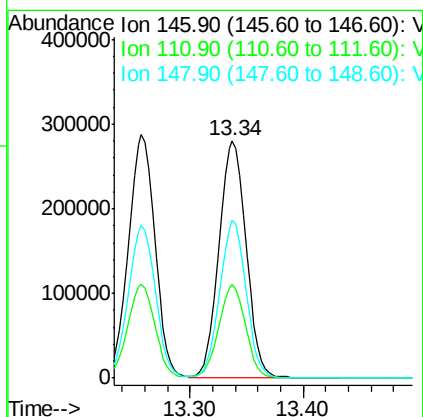
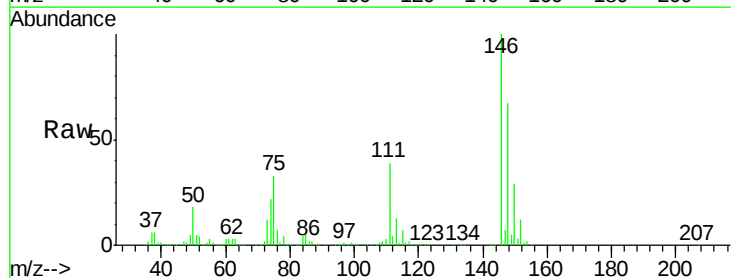
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

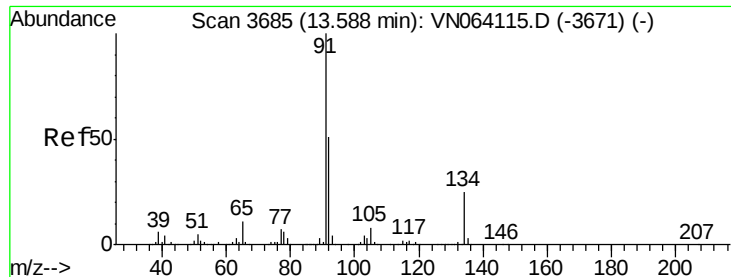
Tgt Ion:146 Resp: 471060
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.7 59.1
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.515 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion:146 Resp: 469522
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.3 57.9
 148 64.3 32.1 96.5

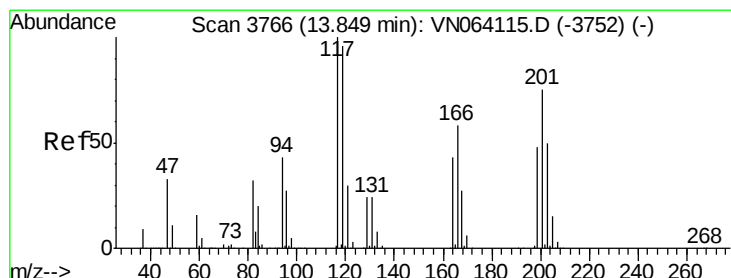
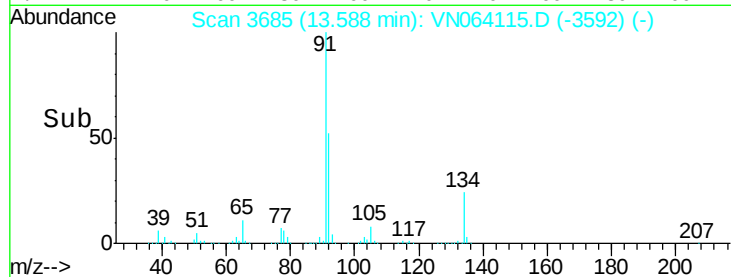
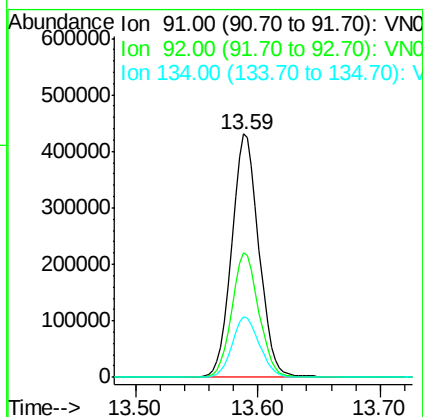
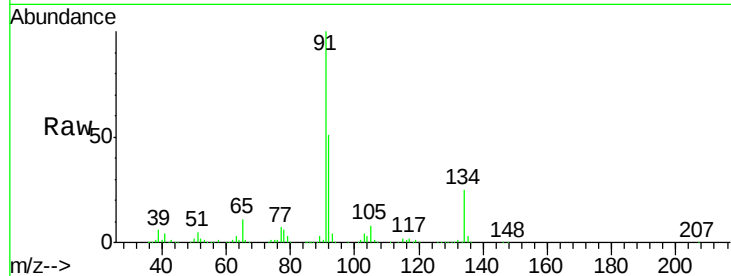




#89
n-Butylbenzene
Concen: 44.489 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

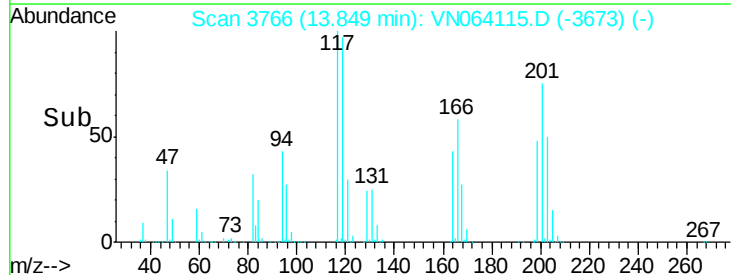
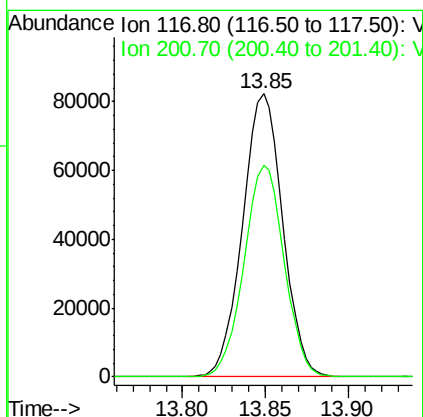
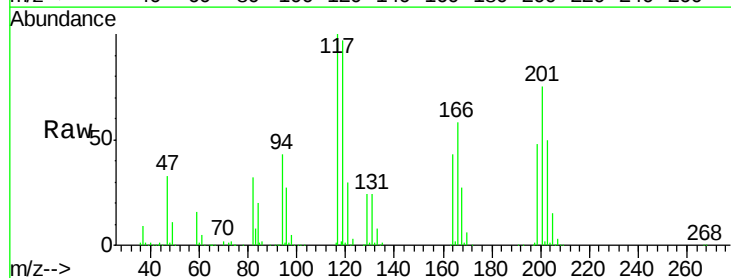
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

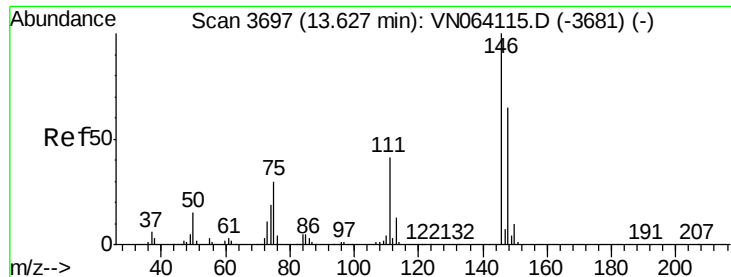
Tgt Ion: 91 Resp: 667225
Ion Ratio Lower Upper
91 100
92 51.1 25.6 76.6
134 25.2 12.6 37.8



#90
Hexachloroethane
Concen: 44.158 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064115.D
Acq: 14 Oct 2020 15:29

Tgt Ion: 117 Resp: 138441
Ion Ratio Lower Upper
117 100
201 74.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.857 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

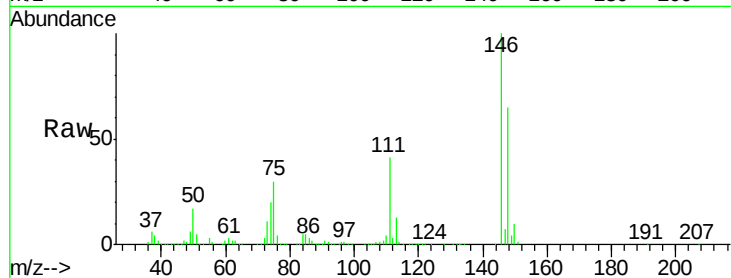
Tgt Ion:146 Resp: 470329

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

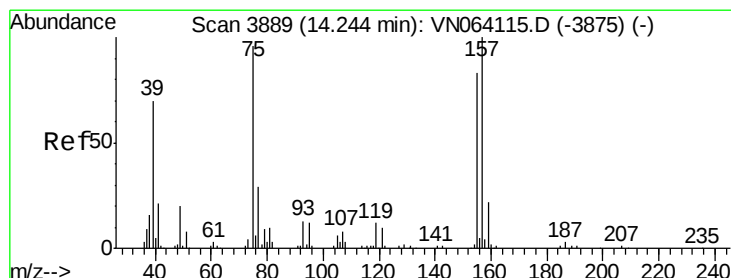
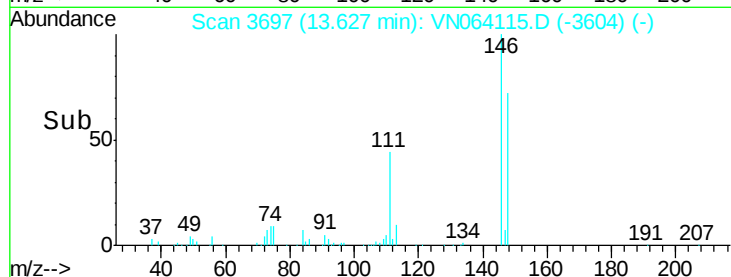
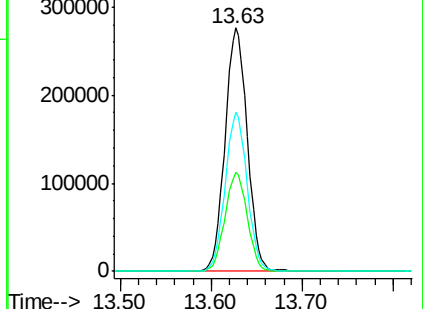
148 64.4 32.2 96.6



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: 43.205 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

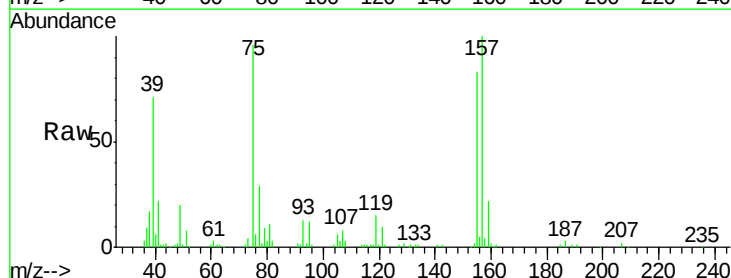
Tgt Ion: 75 Resp: 63068

Ion Ratio Lower Upper

75 100

155 81.5 40.8 122.2

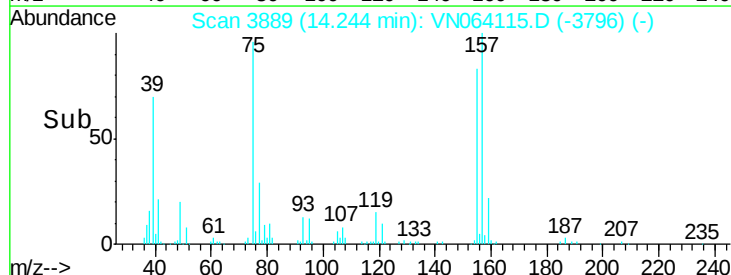
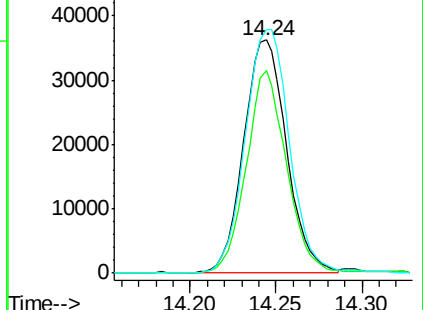
157 107.8 53.9 161.7

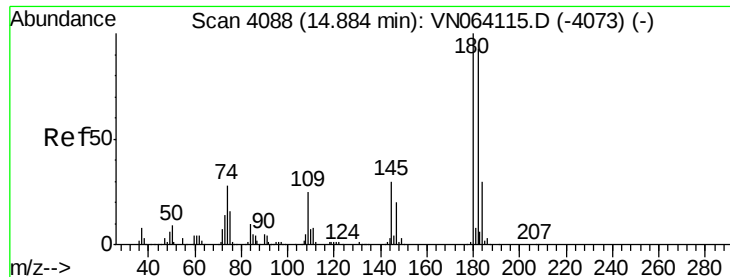


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

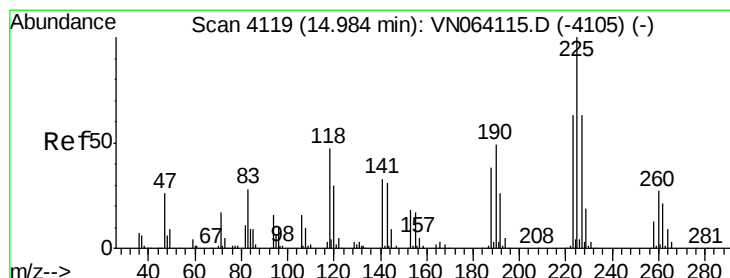
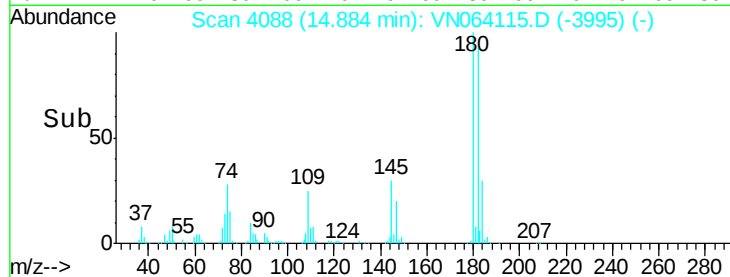
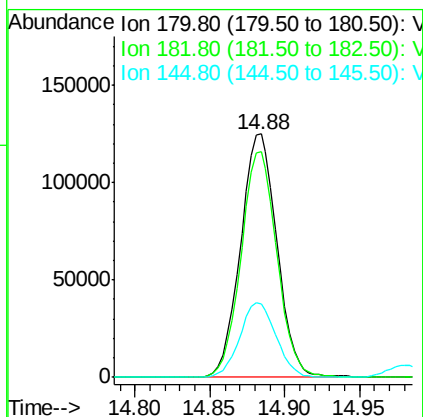
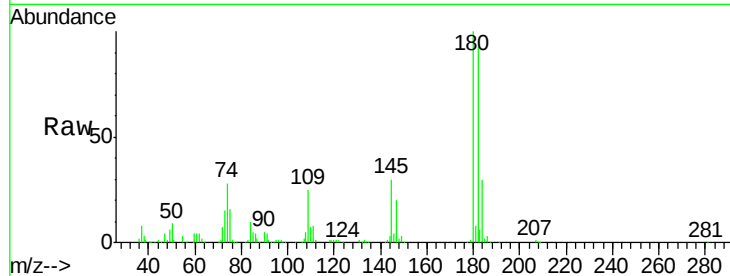




#93
 1,2,4-Trichlorobenzene
 Concen: 42.952 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

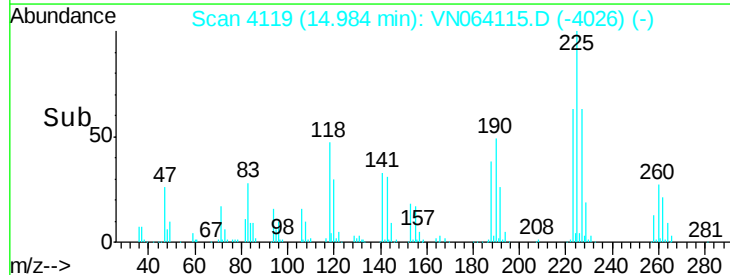
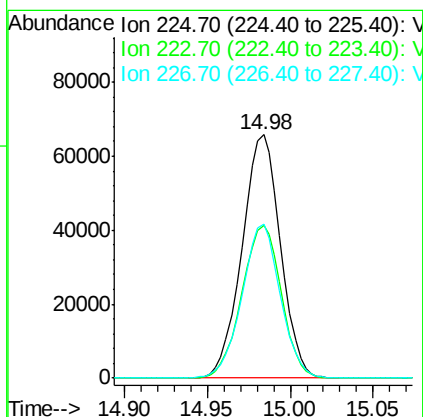
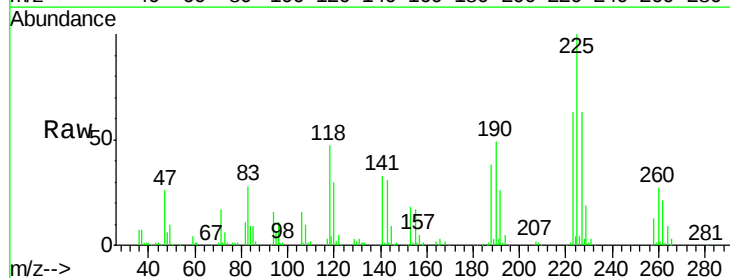
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

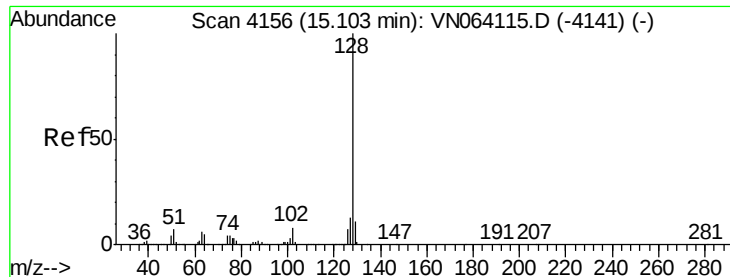
Tgt Ion:180 Resp: 212026
 Ion Ratio Lower Upper
 180 100
 182 91.6 45.8 137.4
 145 30.7 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 37.091 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064115.D
 Acq: 14 Oct 2020 15:29

Tgt Ion:225 Resp: 105933
 Ion Ratio Lower Upper
 225 100
 223 64.6 32.3 96.9
 227 63.2 31.6 94.8





#95

Naphthalene

Concen: 41.983 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

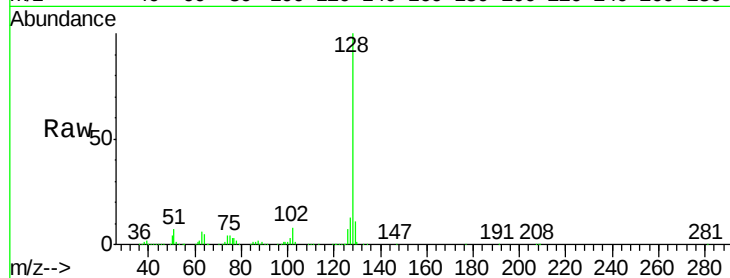
Tgt Ion:128 Resp: 631143

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

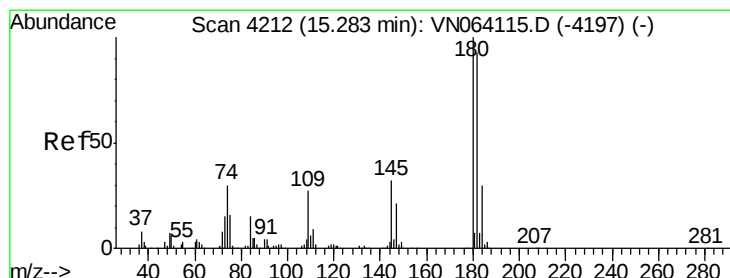
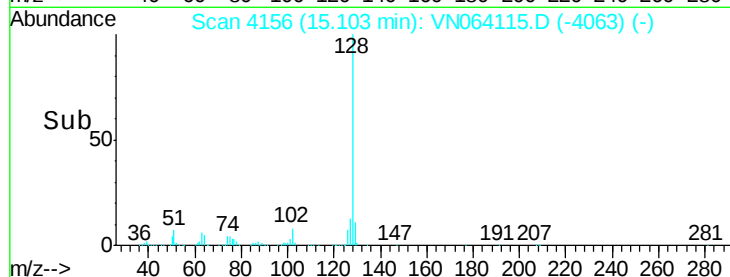
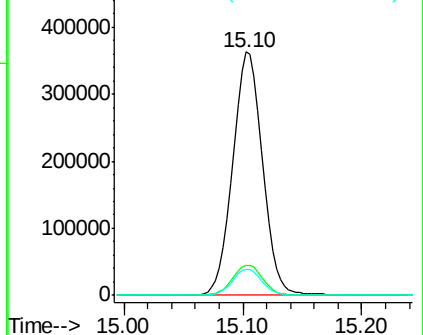
129 10.6 8.5 12.7



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: 42.991 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064115.D

Acq: 14 Oct 2020 15:29

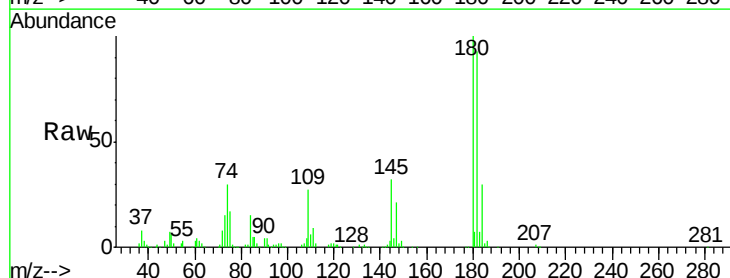
Tgt Ion:180 Resp: 213883

Ion Ratio Lower Upper

180 100

182 93.2 46.6 139.8

145 32.1 16.1 48.2



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

